CITY COUNCIL CLOSED & REGULAR SESSION

550 E. 6th Street, Beaumont, CA

Tuesday, August 17, 2021
Closed Session: 5:00 PM | Regular Meeting: 6:00 PM

Materials related to an item on this agenda submitted to the City Council after distribution of the agenda packets are available for public inspection in the City Clerk's office at 550 E. 6th Street during normal business hours.

AGENDA

MEETING PARTICIPATION NOTICE

This meeting will be conducted utilizing teleconference communications and will be recorded for live streaming as well as open to public attendance subject to social distancing and applicable health orders. All City of Beaumont public meetings will be available via live streaming and made available on the City's official YouTube webpage. Please use the following link during the meeting for live stream access.

beaumontca.gov/livestream

Public comments will be accepted using the following options.

1. Written comments will be accepted via email and will be read aloud during the corresponding item of the meeting. Public comments shall not exceed three (3) minutes unless otherwise authorized by City Council. Comments can be submitted anytime prior to the meeting as well as during the meeting up until the end of the corresponding item. Please submit your comments to: **nicolew@beaumontca.gov**

2. Phone-in comments will be accepted by joining a conference line prior to the corresponding item of the meeting. Public comments shall not exceed three (3) minutes unless otherwise authorized by City Council. Please use the following phone number to join the call **(951) 922 - 4845.**

3. In person comments subject to the adherence of the applicable health orders and social distancing requirements.

In compliance with the American Disabilities Act, if you require special assistance to participate in this meeting, please contact the City Clerk's office using the above email or call **(951) 572 - 3196**. Notification 48 hours prior to a meeting will ensure the best reasonable accommodation arrangements.

CLOSED SESSION - 5:00 PM

A Closed Session of the City Council / Beaumont Financing Authority / Beaumont Utility Authority / Beaumont Successor Agency (formerly RDA)/Beaumont Parking Authority / Beaumont Public Improvement Authority may be held in accordance with state law which may include, but is not limited to, the following types of items: personnel matters, labor negotiations, security matters, providing instructions to real property negotiators and conference with legal counsel regarding pending litigation. Any public comment on Closed Session items will be taken prior to the Closed Session. Any required announcements or discussion of Closed Session items or actions following the Closed Session with be made in the City Council Chambers.

CALL TO ORDER

Mayor Lara, Mayor Pro Tem White, Council Member Martinez, Council Member Fenn, Council Member Santos

Public Comments Regarding Closed Session

1. **Conference with Legal Counsel Regarding Pending Litigation Pursuant to Government Code Section 54956.9(d)(1) - One Case: United States Bankruptcy Court, Central District of California Re: The Preserve, LLC as Debtor (Case No. 2:10-bk-18429-BB)**
2. **Conference with Legal Counsel Regarding Potential Initiation of Litigation Pursuant to Government Code Section 54956.9(d)(4) (One potential case)**
3. **Conference with Legal Counsel Regarding Anticipated/Existing Litigation - Pursuant to Government Code Section Page 1 of 271 54956.9(d)(1) and/or (2) and/or (3). (Worker's Compensation Case No. COBM-0095)**
4. **Conference with Labor Negotiators - Pursuant to Government Code Section 54957.6 City Designated Representatives City Manager Todd Parton and Administrative Services Director Kari Mendoza. Employee Organizations: Beaumont Police Officers Association and SEIU**

Adjourn to Regular Session

REGULAR SESSION - 6:00 PM

CALL TO ORDER

Mayor Lara, Mayor Pro Tem White, Council Member Martinez, Council Member Fenn, Council Member Santos

Report out from Closed Session
Action on any Closed Session Items
Action of any Requests for Excused Absence
Pledge of Allegiance
Invocation
Adjustments to the Agenda
Conflict of Interest Disclosure

ANNOUNCEMENTS/ RECOGNITION / PROCLAMATIONS / CORRESPONDENCE

PUBLIC COMMENT PERIOD (ITEMS NOT ON THE AGENDA)

Any one person may address the City Council on any matter not on this agenda. If you wish to speak, please fill out a "Public Comment Form" provided at the back table and give it to the City Clerk. There is a three (3) minute time limit on public comments. There will be no sharing or passing of time to another person. State Law prohibits the City Council from discussing or taking actions brought up by your comments.

CONSENT CALENDAR

Items on the consent calendar are taken as one action item unless an item is pulled for further discussion here or at the end of action items. Approval of all Ordinances and Resolutions to be read by title only.

1. **Ratification of Warrants**

   Recommended Action:

   Ratify Warrants dated:
   July 23, 2021
   July 29, 2021
   August 5, 2021

2. **Approval of Minutes**

   Recommended Action:

   Approve Minutes dated August 3, 2021.

3. **Approve the Fifth Amendment of the Public Works Agreement for Traffic Signal and Emergency Signal Maintenance to Saint Francis Electric, LLC in an Amount not to Exceed $11,010 for Emergency Services Rendered during Fiscal Year 2020/2021**

   Recommended Action:

   Approve a fifth contract amendment for traffic signal and emergency signal maintenance to Saint Frances Electric, LLC in the amount not to exceed $11,010 for emergency services rendered during Fiscal Year 2020/2021.

4. **Authorize City Staff to Issue a Bond Exoneration Letter for Bond No. 4415087 for Survey Monuments Associated with Parcel Map No. 37045; Authorize City Staff to Issue a Bond Exoneration Letter for Bond No. 929640170 for Survey Monuments Associated with Tract Map No. 31469-10; Authorize City Staff to Issue a Bond Exoneration Letter for Bond No. 30055684 for Survey Monuments Associated with Tract Map No. 37427; and Authorize City Staff to Issue a Bond Exoneration Letter for Bond No. 30055682 for Survey Monuments Associated with Tract Map No. 37428**

   Recommended Action:

   Authorize City staff to issue a Bond Exoneration Letter for Bond No. 4415087 for Survey Monuments associated with Parcel Map No. 37045,
   Authorize City staff to issue a Bond Exoneration Letter for Bond No. 929640170 for Survey Monuments associated with Tract Map No. 31469-10,
   Authorize City staff to issue a Bond Exoneration Letter for Bond No. 30055684 for Survey Monuments associated with Tract Map No. 37427, and
   Authorize City staff to issue a Bond Exoneration Letter for Bond No. 30055682 for Survey Monuments associated with Tract Map No. 37428.

5. **Second Amendment to the Professional Services Agreement with Lisa Wise Consulting for the Housing Element Update to Address Newly Released Guidelines for Affirmatively Furthering Fair Housing (AFFH) Components of Housing Elements**

Recommended Action:

Approve the Second Amendment to the Professional Services Agreement with Lisa Wise Consulting for an increase of $11,880 to complete the AFFH component of the Housing Element Update for a total revised contract amount of $287,345 to be paid entirely through grant funding.

6. **FY2022 General Fund and Wastewater Fund Budget to Actual through July 2021 and FY2021 Fourth Quarter Pooled Cash Investment Report**

Recommended Action:

Receive and file the attached reports.

PUBLIC HEARINGS

Approval of all Ordinances and Resolutions to be read by title only.

7. **Conduct a Public Hearing and Consider and Ordinance Rescinding All Prior Approvals for the Legacy Highlands Specific Plan Project**

Recommended Action:

Hold a Public Hearing, and
Waive the full first reading and approve by title only, “An Ordinance of the City Council of the City of Beaumont, California, Decertifying the Final Environmental Impact Report; Rescinding Adoption of Findings Statement of Overriding Considerations, Mitigation Monitoring and Reporting Program, Specific Plan No. 07-02, Pre-Zoning Ordinance No. 924, Development Agreement Ordinance No. 925, and Request for the Local Agency Formation Commission to Initiate Annexation Proceedings as to the Legacy Highlands Specific Plan, Site Plan, Land Division, Annexation, Pre-Zoning and Zoning.”

8. **Hold a Public Hearing Regarding California Environmental Quality Act (CEQA) Initial Study/Mitigated Negative Declaration Review for the Pennsylvania Avenue Widening Project between First Street and Sixth Street**

Recommended Action:

Hold a continued public hearing,
Adopt a Mitigated Negative Declaration and Mitigation and Monitoring Reporting Program for the Pennsylvania Avenue widening project, and
Direct staff to prepare a Notice of Determination to be filed with the Riverside County Clerk Recorder.

9. **Public Hearing and Consideration of an Ordinance Amending the Municipal Code Adding Chapter 17.20 “No Net Loss Program” to Ensure Residential Capacity Pursuant to the Provisions of SB330**

Recommended Action:

Hold a Public Hearing, and
Waive the first full reading and adopt by title only "An Ordinance of the City Council of the City of Beaumont Amending the Municipal Code to Add Chapter 17.20 Establishing a No Net Loss Program for Residential Capacity Pursuant to the Provisions of SB330."

10. Hold a Public Hearing for the Termination of a Moratorium Prohibiting Public Storage Facilities, Moving and Storage Establishments, Automobile Parking Facilities (Including Recreational Vehicles), Truck Stops and Terminals, and Building Storage Yards

Recommended Action:

Waive the first full reading and adopt by title only "An Ordinance of the City Council of the City of Beaumont Terminating Urgency Ordinance 1111 Imposing a Temporary Moratorium Prohibiting Public Storage Facilities, Moving and Storage Establishments, Automobile Parking Facilities (Including Recreational Vehicles), Truck Stops and Terminals, and Building Storage Yards Pursuant to Government Code Section 65858 as Extended by Urgency Ordinance 1114."

ACTION ITEMS

Approval of all Ordinances and Resolutions to be read by title only.

11. Discussion and direction to City Staff on Zoning Standards for Tire Sales and Tire Repair Establishments

Recommended Action:

Discussion and direction to City staff.

12. Authorize an Amendment to the Agreement for School Resource Officer Services Between the City of Beaumont and Beaumont Unified School District to Add an Additional School Resource Officer Position

Recommended Action:

Authorize an amendment to the agreement by and between the Beaumont Unified School District in an amount not to exceed $322,400 and for the Beaumont Police Department to provide one additional trained police officer on a full-time basis as a second School Resource Officer, and
Approve the budget adjustment to FY2022, adding one additional full-time employee to the Beaumont Police Department.

13. Approval of a Three-Year Agreement Between the City of Beaumont and Riverside County for an Emergency Services Coordinator with the County of Riverside Emergency Management Department and a Cost Sharing Agreement Between the City of Beaumont and the Beaumont Unified School District

Recommended Action:

Authorize the City Manager enter into an Agreement for Emergency Services Coordinator between the County of Riverside and the City of Beaumont, and

Authorize the Mayor to enter into an Agreement for Shared Emergency Services Coordinator between the City of Beaumont and the Beaumont Unified School District.

14. Acceptance of Grant Funds and Purchase Phase I of Motorola Handheld Radios to be Utilized by the Beaumont Police Department

Recommended Action:

Accept the grant funds by waiving the full reading and adopt by title only, "A Resolution of the City of Beaumont Authorizing the City Manager to Execute Applications and Documents for the Purposes of Obtaining Federal Financial Assistance Provided by the Federal Department of Homeland Security and Sub-Granted Through the State of California and the County of Riverside," and
Approve the purchase of 28 portable handheld radios and necessary accessories in the amount of $252,984.98.

15. Consideration of a Joint Resolution Between the Cities of Banning, Beaumont, and Calimesa and the Morongo Band of Mission Indians to Work Cooperatively to Create an International Highway 10 Corridor Strategic Plan

Recommended Action:

Waive the full reading and adopt by title only, "A Joint Resolution of the City Councils of the City of Banning, City of Beaumont, and City of Calimesa, and the Morongo Band of Mission Indians to Expand and Diversify the San Gorgonio Pass Regional Transportation System, to Mitigate Environmental Impacts and Support Regional Economic Growth," and
Authorize Mayor Lara to coordinate with the other entities to secure their approvals.

16. Cal Cities Annual Conference Resolution Packet

Recommended Action:

Discuss and determine a position on the presented resolution to be considered at the upcoming 2021 Cal Cities Annual Conference.

17. Approval of City Attorney Invoices for the Month of July 2021

Recommended Action:

Approve invoices in the amount of $87,949.12.

LEGISLATIVE UPDATES AND DISCUSSION

ECONOMIC DEVELOPMENT UPDATE

Economic Development Committee Report Out and City Council Direction

CITY TREASURER REPORT

Finance and Audit Committee Report Out and City Council Direction

CITY CLERK REPORT

CITY ATTORNEY REPORT

CITY MANAGER REPORT

18. Department Project Schedule Updates - July 2021

FUTURE AGENDA ITEMS

COUNCIL REPORTS

- **Santos**
- **Fenn**
- **Martinez**
- **White**
- **Lara**

ADJOURNMENT

The next regular meeting of the Beaumont City Council, Beaumont Financing Authority, the Beaumont Successor Agency (formerly RDA), the Beaumont Utility Authority, the Beaumont Parking Authority and the Beaumont Public Improvement Agency is scheduled for Tuesday, September 7, 2021, at 5:00 p.m., unless otherwise posted.

Beaumont City Hall – Online **www.BeaumontCa.gov**

AGENDA ITEM NO.

BEAUMONT
CALIFORNIA

WARRANTS TO BE RATIFIED

Friday, July 23, 2021

Printed Checks	109641-109645	$	4,072.56	Utility Refunds
	109640, 109646-109732	$	281,100.57	FY 20/21
		$	164,389.02	FY 21/22
ACH	460-467	$	2,501,282.98	FY 20/21
		$	1,486,374.00	FY 21/22
	A/P Total	$	4,433,146.57	

Bank Drafts	Deluxe Business	$	619.29	Bank Deposit Bags
	Guardian	$	23,771.07	Jul-21
	Kaiser Foundation	$	178.00	FSA
	MG Trust	$	25,622.22	457 Paydate 07/16/21
		$	4,114.75	401a Paydate 07/16/21
		$	614.56	FICA Paydate 07/16/21

I DO HEREBY CERTIFY THIS WARRANT LIST HAS BEEN COMPILED AND PREPARED TO MEET THE DAILY OPERATIONS FOR THE FISCAL YEAR JULY 1, 2021 - JUNE 30, 2022

SIGNATURE: _____
TITLE: CITY TREASURER

SIGNATURE: _____
TITLE: FINANCE DIRECTOR

AGENDA ITEM NO.

BEAUMONT
CALIFORNIA

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		$	4,114.75	401a Paydate 07/16/21
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SIGNATURE: _____
TITLE: CITY TREASURER

SIGNATURE: _____
TITLE: FINANCE DIRECTOR

City of Beaumont, CA

Check Report

By Check Number

Date Range: 07/16/2021 - 07/23/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: APBNK-AP Bank						
1036	ALBERT A. WEBB ASSOCIATES	07/23/2021	EFT	0.00	112,451.41	460

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
210857	Invoice	06/30/2021	Engineering Services During Construction	0.00	63,337.00
	710-0000-7068-0000	CONTRACTUAL SERVICE	ENGINEERING SERVICES	63,337.00	
210858	Invoice	06/30/2021	Engineering Services During Construction	0.00	1,211.63
	710-0000-7068-0000	CONTRACTUAL SERVICE	ENGINEERING SERVICES	1,211.63	
210858-2	Invoice	06/30/2021	Engineering Services During Const. - BRIN	0.00	1,032.12
	710-0000-7068-0000	CONTRACTUAL SERVICE	ENGINEERING SERVICES DURIN	1,032.12	
211822	Invoice	06/30/2021	Engineering Services During Construction	0.00	17,484.91
	710-0000-7068-0000	CONTRACTUAL SERVICE	ENGINEERING SERVICES	17,484.91	
212393	Invoice	06/30/2021	Engineering Services During Construction	0.00	28,590.75
	710-0000-7068-0000	CONTRACTUAL SERVICE	ENGINEERING SERVICES	28,590.75	
212394	Invoice	06/30/2021	Engineering Services During Construction	0.00	429.30
	710-0000-7068-0000	CONTRACTUAL SERVICE	ENGINEERING SERVICES	429.30	
212394-2	Invoice	06/30/2021	Engineering Services During Const. - BRIN	0.00	365.70
	710-0000-7068-0000	CONTRACTUAL SERVICE	ENGINEERING SERVICES DURIN	365.70	

2163	COUNTY OF RIVERSIDE FIRE DEPARTMENT	07/23/2021	EFT	0.00	938,051.98	461

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
233853	Invoice	06/30/2021	FIRE PROTECTION SERVICES	0.00	938,051.98
	100-2100-7068-0000	CONTRACTUAL SERVICES	FIRE PROTECTION SERVICES	938,051.98	

1500	EXCLUSIVE RISK MANAGEMENT AUTHORITY OF	07/23/2021	EFT	0.00	1,486,374.00	462

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
100019	Invoice	07/22/2021	LIABILITY & PROPERTY ANNNUAL CONTRI	0.00	1,486,374.00
	100-1240-7080-0000	INSURANCE	LIABILITY & PROPERTY ANNNUA	1,486,374.00	

3229	ICMA - RC	07/23/2021	EFT	0.00	3,282.65	463

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
PD 07/16/21	Invoice	07/22/2021	EMPLOYEE CONTRIBUTIONS	0.00	3,282.65
	100-0000-2075-0000	DEFERRED COMPENSATI	EMPLOYEE CONTRIBUTIONS	2,382.65	
	100-1200-6026-0000	DEFERRED COMP	EMPLOYEE CONTRIBUTIONS	900.00	

2264	SEIU	07/23/2021	EFT	0.00	4,516.24	464

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
PD 07/02/21	Invoice	06/30/2021	EMPLOYEE DUES	0.00	2,265.26
	100-0000-2061-0000	P.E.R.C. DUES & INS	EMPLOYEE DUES	2,265.26	
PD 07/16/21	Invoice	07/21/2021	UNION DUES	0.00	2,250.98
	100-0000-2061-0000	P.E.R.C. DUES & INS	UNION DUES	2,250.98	

2295	SLOVAK BARON EMPEY MURPHY & PINKNEY	07/23/2021	EFT	0.00	122,957.45	465

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
64801	Invoice	06/30/2021	LEGAL SERVICES	0.00	1,815.00
	100-1300-7068-000B	CONTRACTUAL SERVICES	LEGAL SERVICES	1,815.00	
64802	Invoice	06/30/2021	LEGAL SERVICES	0.00	20,000.00

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		20,000.00	
64803	Invoice	06/30/2021 LEGAL SERVICES		0.00	5,351.70	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		5,351.70	
64805	Invoice	06/30/2021 LEGAL SERVICES		0.00	6,091.10	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		6,091.10	
64807	Invoice	06/30/2021 LEGAL SERVICES		0.00	19,450.00	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		19,450.00	
64808	Invoice	06/30/2021 LEGAL SERVICES		0.00	2,800.00	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		2,800.00	
64809	Invoice	06/30/2021 LEGAL SERVICES		0.00	2,123.68	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		2,123.68	
64810	Invoice	06/30/2021 LEGAL SERVICES		0.00	4,209.00	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		4,209.00	
64811	Invoice	06/30/2021 LEGAL SERVICES		0.00	797.50	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		797.50	
64812	Invoice	06/30/2021 LEGAL SERVICES		0.00	1,174.10	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		1,174.10	
64813	Invoice	06/30/2021 LEGAL SERVICES		0.00	2,031.50	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		2,031.50	
64816	Invoice	06/30/2021 LEGAL SERVICES		0.00	21,796.80	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		21,796.80	
64817	Invoice	06/30/2021 LEGAL SERVICES		0.00	13,221.60	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		13,221.60	
64818	Invoice	06/30/2021 LEGAL SERVICES		0.00	7,556.37	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		7,556.37	
64819	Invoice	06/30/2021 LEGAL SERVICES		0.00	2,844.10	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		2,844.10	
64820	Invoice	06/30/2021 LEGAL SERVICES		0.00	1,447.50	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		1,447.50	
64821	Invoice	06/30/2021 LEGAL SERVICES		0.00	7,187.50	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		7,187.50	
64822	Invoice	06/30/2021 LEGAL SERVICES		0.00	3,060.00	
	100-1300-7068-000B CONTRACTUAL SERVICES		LEGAL SERVICES		3,060.00	
2540	WESTERN RIVERSIDE COUNTY REGIONAL CONS	07/23/2021	EFT	0.00	770,663.25	466
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**	**Distribution Amount**		
JUNE 2021	Invoice	06/30/2021 MSHCP FEES		0.00	770,663.25	
	570-0000-2005-0000 DUE TO WRCRCA (MSHCP		MSHCP FEES		770,663.25	
3101	WRCOG	07/23/2021	EFT	0.00	549,360.00	467
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**	**Distribution Amount**		
JUNE 2021	Invoice	06/30/2021 TUMF FEES		0.00	549,360.00	
	570-0000-2010-0000 DUE TO WRCOG (TUMF)		TUMF FEES		549,360.00	
3258	LAURO IBARRA	07/16/2021	Regular	0.00	314.93	109640
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**	**Distribution Amount**		
07/16/21	Invoice	07/16/2021 MISSED OT HOURS ON PAYCHECK		0.00	314.93	
	100-0000-2105-0000 PAYROLL SUSPENSE		MISSED OT HOURS ON PAYCHEC		314.93	
4260	10-8 RETROFIT INC	07/23/2021	Regular	0.00	14,662.73	109646

Check Report **Date Range: 07/16/202 021**

Vendor Number / Payable # / Account Number	Vendor Name / Payable Type / Account Name	Post Date	Payment Date / Payable Description / Item Description	Payment Type	Discount Amount / Discount Amount / Distribution Amount	Payment Amount / Payable Amount	Number
17946	Invoice	06/30/2021	Outfitting of Emergency Equipment to Ch		0.00	4,541.75	
100-2050-8060-0000	VEHICLES		Outfitting of Emergency Equipm			4,541.75	
17948	Invoice	06/30/2021	Equipment outfitting for 2019 Dodge Char		0.00	10,120.98	
100-2050-8060-0000	VEHICLES		Dodge Charger Floor Plate 2011			114.00	
100-2050-8060-0000	VEHICLES		Labor			2,250.00	
100-2050-8060-0000	VEHICLES		Door Panel S TPO Plastic Black 1			200.65	
100-2050-8060-0000	VEHICLES		Electronic Board for Equipment,			150.00	
100-2050-8060-0000	VEHICLES		Troy dual interior cup holder 4"			40.00	
100-2050-8060-0000	VEHICLES		Window Barrier Poly 11-18 Char			187.50	
100-2050-8060-0000	VEHICLES		Dodge Charger 2015-2019 Red/			1,457.65	
100-2050-8060-0000	VEHICLES		10-8 Mag Mic Attach to Mic Mo			50.00	
100-2050-8060-0000	VEHICLES		10XL C Coated Poly Partition 20			689.00	
100-2050-8060-0000	VEHICLES		Arm Mount AC-ARMMNT-90			124.00	
100-2050-8060-0000	VEHICLES		Federal Speaker Bracket Univers			30.00	
100-2050-8060-0000	VEHICLES		Federal Smart Platinum 100/20			1,220.40	
100-2050-8060-0000	VEHICLES		140 A Time Delay Relay			120.00	
100-2050-8060-0000	VEHICLES		Antenna kit cable and antenna			45.00	
100-2050-8060-0000	VEHICLES		2015-2019 Dodge Charger Rear			1,114.08	
100-2050-8060-0000	VEHICLES		2011-19 Charger 13" L-Shape Co			315.26	
100-2050-8060-0000	VEHICLES		Relays 30 AMP Circuit Breaker F			200.00	
100-2050-8060-0000	VEHICLES		Flasher Pioneer 4 Outlet Pflash			82.40	
100-2050-8060-0000	VEHICLES		DT Rail Mount Small Lock an dU			360.00	
100-2050-8060-0000	VEHICLES		6 POS Connectable Fuse Block w			25.00	
100-2050-8060-0000	VEHICLES		150 Amp Circut Breaker Resetab			29.72	
100-2050-8060-0000	VEHICLES		Charger Driver side tray			140.00	
100-2050-8060-0000	VEHICLES		12 position ground terminal con			13.58	
100-2050-8060-0000	VEHICLES		Speaker Federal ES-100C			209.00	
100-2050-8060-0000	VEHICLES		Full transport replacement seat			662.50	
100-2050-8060-0000	VEHICLES		Side tray electronic passenger si			140.00	
100-2050-8060-0000	VEHICLES		EVM DCIM3-E Dodge Charger in			151.24	
1050	AMAZON CAPITAL SERVICES		07/23/2021	Regular	0.00	959.88	109647
1VP4-CDLT-HYK7	Invoice	06/30/2021	OFFICE SUPPLIES		0.00	96.19	
750-7800-7037-0000	VEHICLE MAINTENANCE		OFFICE SUPPLIES			96.19	
1XG3-FKQM-4J4D	Invoice	07/22/2021	OFFICE SUPPLIES		0.00	308.87	
100-2000-7025-0000	OFFICE SUPPLIES		OFFICE SUPPLIES			15.44	
100-2050-7025-0000	OFFICE SUPPLIES		OFFICE SUPPLIES			293.43	
1XVY-V4P6-P31Q	Invoice	07/22/2021	OFFICE SUPPLIES		0.00	51.66	
100-2000-7025-0000	OFFICE SUPPLIES		OFFICE SUPPLIES			2.58	
100-2050-7025-0000	OFFICE SUPPLIES		OFFICE SUPPLIES			49.08	
1053	AMERICAN FORENSIC NURSES		07/23/2021	Regular	0.00	242.28	109648
74683	Invoice	06/30/2021	American Forensic Nurses BloodDraw Ser		0.00	242.28	
100-2050-7068-0000	CONTRACTUAL SERVICES		AMERICAN FORENSIC NURSES			242.28	
1084	ARROW PRINTING INC		07/23/2021	Regular	0.00	231.35	109649

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	Vendor Number	**Vendor Name**	**Payment Date**	**Payment Type**	**Discount Amount**	**Payment Amount** **Number**
	Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**
		Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
	21890	Invoice	06/30/2021	DEPT SUPPLIES	0.00	231.35
		100-2050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	231.35	
	2618	AT&T MOBILITY	07/23/2021	Regular	0.00	885.28 109650
	Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**
		Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
	287302055450X0	Invoice	07/22/2021	PHONE UTILITY	0.00	885.28
		100-1230-7015-6040	TELEPHONE (POLICE DPT)	PHONE UTILITY	885.28	
	1005	A-Z BUS SALES,INC.	07/23/2021	Regular	0.00	383.07 109651
	Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**
		Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
	01P706993	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	383.07
		750-8300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	383.07	
	1109	BANK OF HEMET	07/23/2021	Regular	0.00	3,726.94 109652
	Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**
		Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
	1280837350 07/1	Invoice	07/23/2021	Batwing/Lawnmower FY 22	0.00	3,726.94
		100-6050-8040-0000	EQUIPMENT	Batwing/Lawnmower FY 22	3,726.94	
	1125	BEAUMONT CHAMBER	07/23/2021	Regular	0.00	22.00 109653
	Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**
		Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
	9849	Invoice	07/22/2021	GOOD MORNING BEAUMONT - LARA	0.00	22.00
		100-1050-7035-0000	LOCAL MEETINGS	GOOD MORNING BEAUMONT -	22.00	
	1147	BEAUMONT CHERRY VALLEY WATER DIST.	07/23/2021	Regular	0.00	3,448.41 109654
	Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**
		Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
	07/19/21	Invoice	06/30/2021	WATER UTILITY	0.00	3,448.41
		100-6000-7010-6025	UTILITIES - CITY HALL	WATER UTILITY	2,223.78	
		100-6000-7010-6031	UTILITIES - CITY HALL BLD	WATER UTILITY	249.61	
		100-6000-7010-6032	UTILITIES - CITY HALL BLD	WATER UTILITY	400.34	
		100-6000-7010-6040	UTILITIES - POLICE DEPT	WATER UTILITY	455.32	
		100-6000-7010-6041	UTILITIES - POLICE ANNEX	WATER UTILITY	61.07	
		100-6050-7010-5250	UTILITIES, PARK (RANGEL)	WATER UTILITY	58.29	
	1139	BEAUMONT POLICE OFFICERS ASSOCIATION	07/23/2021	Regular	0.00	7,555.00 109655
	Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**
		Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
	PD 07/02/21	Invoice	06/30/2021	POLICE DUES	0.00	3,740.00
		100-0000-2035-0000	C.O.P.S. DUES	POLICE DUES	3,740.00	
	PD 07/16/21	Invoice	07/21/2021	POLICE DUES	0.00	3,815.00
		100-0000-2035-0000	C.O.P.S. DUES	POLICE DUES	3,815.00	
	1161	BIO-TOX LABORATORIES	07/23/2021	Regular	0.00	1,671.00 109656
	Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**
		Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
	41402	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	1,459.00
		100-2050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	1,459.00	
	41515	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	212.00
		100-2050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	212.00	
	1196	CALIFORNIA BUILDING OFFICIALS	07/23/2021	Regular	0.00	70.00 109657

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Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
	14357	Invoice	06/30/2021	EMPLOYEE TRAINING	0.00	70.00
		240-2330-7066-0000	TRAVEL, EDCUATION, TRA	EMPLOYEE TRAINING	70.00	
1200	CALIFORNIA CITY MANAGEMENT FOUNDATION	07/23/2021	Regular	0.00	400.00	109658
	2876	Invoice	07/22/2021	CCMF GENERAL MEMBERSHIP FY21/22	0.00	400.00
		100-1200-7030-0000	DUES & SUBSCRIPTIONS	CCMF GENERAL MEMBERSHIP F	400.00	
1219	CAPIO	07/23/2021	Regular	0.00	60.00	109659
	13183	Invoice	06/30/2021	EMPLOYEE TRAINING	0.00	20.00
		100-1200-7066-0000	TRAVEL, EDUCATION, TRA	EMPLOYEE TRAINING	20.00	
	13184	Invoice	07/22/2021	EMPLOYEE TRAINING	0.00	20.00
		100-1200-7066-0000	TRAVEL, EDUCATION, TRA	EMPLOYEE TRAINING	20.00	
	13185	Invoice	07/22/2021	EMPLOYEE EDUCATION	0.00	20.00
		100-1200-7066-0000	TRAVEL, EDUCATION, TRA	EMPLOYEE EDUCATION	20.00	
1238	CDW GOVERNMENT, INC.	07/23/2021	Regular	0.00	7,227.42	109660
	G550949	Invoice	07/22/2021	SOFTWARE	0.00	986.10
		100-1230-7071-0000	SOFTWARE	SOFTWARE	986.10	
	G608037	Invoice	07/22/2021	SOFTWARE	0.00	175.24
		100-1230-7071-0000	SOFTWARE	SOFTWARE	175.24	
	G873594	Invoice	07/22/2021	SOFTWARE	0.00	6,066.08
		100-1230-7071-0000	SOFTWARE	SOFTWARE	6,066.08	
1250	CHAMBERS GROUP, INC	07/23/2021	Regular	0.00	3,867.00	109661
	35179	Invoice	06/30/2021	PP2020-0280 CUP2020-0049 High Sands	0.00	3,867.00
		100-1350-7068-0000	CONTRACTUAL SERVICES	PP2020-0280 CUP2020-0049 Hi	3,867.00	
1285	CITY OF BANNING	07/23/2021	Regular	0.00	125.25	109662
	74105-54930 07/	Invoice	06/30/2021	SHARED TRAFFIC SIGNAL UTILITY @ HS W	0.00	125.25
		100-3250-7010-0000	UTILITIES	SHARED TRAFFIC SIGNAL UTILIT	125.25	
1287	CITY OF CALIMESA	07/23/2021	Regular	0.00	1,100.00	109663
	JUNE 2021	Invoice	06/30/2021	CALIMESA PERMIT AGREEMENT FEES	0.00	1,100.00
		100-0000-2230-0000	DEVELOPMENT FEE - DUE	CALIMESA PERMIT AGREEMENT	1,100.00	
1299	CLEAN TECH ENVIRONMENTAL	07/23/2021	Regular	0.00	152.45	109664
	432969	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	152.45
		750-7300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	152.45	
1310	COLONIAL LIFE	07/23/2021	Regular	0.00	578.92	109665

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CD 07/03/21	Invoice	06/30/2021 OPTIONAL EMPLOYEE INSURANCE	0.00	289.46	
100-0000-2051-0000	COLONIAL INS-WITHHOL	OPTIONAL EMPLOYEE INSURAN	289.46		
CD 07/16/21	Invoice	07/21/2021 OPTIONAL EMPLOYEE INSURANCE	0.00	289.46	
100-0000-2051-0000	COLONIAL INS-WITHHOL	OPTIONAL EMPLOYEE INSURAN	289.46		
1344	CREATIVE BUS SALES, INC	07/23/2021 Regular	0.00	702.58	109666
5217704	Invoice	06/30/2021 VEHCILE MAINTENANCE	0.00	702.58	
750-7400-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	702.58		
1402	DEPARTMENT OF JUSTICE	07/23/2021 Regular	0.00	770.00	109667
522876	Invoice	06/30/2021 PROFESSIONAL SERVICES	0.00	280.00	
100-2050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	280.00		
522932	Invoice	06/30/2021 PROFESSIONAL SERVICES	0.00	490.00	
100-2050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	490.00		
3322	ELISA LUNA	07/23/2021 Regular	0.00	457.50	109668
07/24/21-07/31/	Invoice	07/22/2021 PER DIEM FOR EMPLOYEE TRAVEL	0.00	457.50	
750-7000-7035-0000	LOCAL MEETINGS	PER DIEM FOR EMPLOYEE TRAV	457.50		
1479	ENTENMANN-ROVIN CO	07/23/2021 Regular	0.00	137.37	109669
0159224-IN	Invoice	06/30/2021 EMPLOYEE UNIFORMS	0.00	137.37	
100-2050-7065-0000	UNIFORMS	EMPLOYEE UNIFORMS	137.37		
1501	FAIRVIEW FORD	07/23/2021 Regular	0.00	5,463.76	109670
811104	Invoice	06/30/2021 VEHCILE MAINTENANCE	0.00	505.26	
750-7600-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	505.26		
811420	Invoice	06/30/2021 VEHCILE MAINTENANCE	0.00	4,697.14	
750-8300-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	4,697.14		
811904	Invoice	07/22/2021 VEHICLE MAINTENANCE	0.00	261.36	
750-8300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	261.36		
1518	FLYERS ENERGY	07/23/2021 Regular	0.00	649.98	109671
CFS-2670872	Invoice	06/30/2021 FUEL EXPENSE	0.00	649.98	
750-7600-7050-0000	FUEL	FUEL EXPENSE	233.71		
750-7900-7050-0000	FUEL	FUEL EXPENSE	98.11		
750-8000-7050-0000	FUEL	FUEL EXPENSE	181.01		
750-8300-7050-0000	FUEL	FUEL EXPENSE	137.15		
1522	FOX OCCUPATIONAL	07/23/2021 Regular	0.00	702.37	109672
129053	Invoice	06/30/2021 HIRING COSTS	0.00	555.00	
100-1240-6050-0000	RECRUITMENT AND HIRI	HIRING COSTS	515.00		
100-3250-6019-0000	FIRST AID	HIRING COSTS	40.00		
211261-39444-12	Invoice	06/30/2021 EMPLOYEE MEDICAL SERVICES	0.00	147.37	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
	100-2050-6019-0000 FIRST AID		EMPLOYEE MEDICAL SERVICES		147.37	
1533	FRONTIER COMMUNICATIONS	07/23/2021	Regular	0.00	1,748.53	109673
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
213-180-1992-06	Invoice	07/22/2021	PHONE UTILITY	0.00	280.98	
	100-1230-7015-6045	TELEPHONE (COMM CTR)	PHONE UTILITY	280.98		
951-197-0624-08	Invoice	07/22/2021	PHONE UTILITY	0.00	250.93	
	100-1230-7015-6040	TELEPHONE (POLICE DPT)	PHONE UTILITY	250.93		
951-769-5188-04	Invoice	07/22/2021	PHONE UTILITY	0.00	381.04	
	100-1230-7015-6045	TELEPHONE (COMM CTR)	PHONE UTILITY	381.04		
951-769-6032-08	Invoice	07/22/2021	PHONE UTILITY	0.00	69.78	
	100-1230-7015-5400	TELEPHONE - SPORTS PAR	PHONE UTILITY	69.78		
951-769-8533-09	Invoice	07/22/2021	PHONE UTILITY	0.00	55.14	
	750-7300-7015-0000	TELEPHONE	PHONE UTILITY	55.14		
951-769-8534-04	Invoice	07/22/2021	PHONE UTILITY	0.00	588.90	
	700-4050-7015-0000	TELEPHONE	PHONE UTILITY	588.90		
951-845-9839-09	Invoice	07/22/2021	PHONE UTILITY	0.00	121.76	
	100-1230-7015-6041	TELEPHONE (PD ANNEX)	PHONE UTILITY	121.76		
1553	GALLS INC.	07/23/2021	Regular	0.00	1,447.12	109674
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
BC1395228	Invoice	07/22/2021	EMPLOYEE UNIFORMS	0.00	402.18	
	100-2050-7065-0000	UNIFORMS	EMPLOYEE UNIFORMS	402.18		
BC1395229	Invoice	07/22/2021	EMPLOYEE UNIFORMS	0.00	280.82	
	100-2050-7065-0000	UNIFORMS	EMPLOYEE UNIFORMS	280.82		
BC1395780	Invoice	07/22/2021	EMPLOYEE UNIFORM	0.00	764.12	
	100-2050-7065-0000	UNIFORMS	EMPLOYEE UNIFORM	764.12		
2993	GLICKSMAN CONSLTING, LLC	07/23/2021	Regular	0.00	1,750.00	109675
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
10/07/20	Invoice	06/30/2021	ACTUARIAL STUDY OF WORKERS COMP P	0.00	1,750.00	
	100-1240-7068-0000	CONTRACTUAL SERVICES	ACTUARIAL STUDY OF WORKER	1,750.00		
1596	GRETCHEN NYMAN	07/23/2021	Regular	0.00	177.50	109676
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
07/14/21-07/16/	Invoice	07/22/2021	EMPLOYEE PER DIEM FOR TRAVEL	0.00	177.50	
	100-2090-7068-0000	CONTRACTUAL SERVICES	EMPLOYEE PER DIEM FOR TRAV	177.50		
1612	HEARD'S INVESTIGATIONS AND POLYGRAPH LL	07/23/2021	Regular	0.00	1,225.00	109677
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
7086	Invoice	07/22/2021	HIRING COSTS	0.00	875.00	
	100-1240-6050-0000	RECRUITMENT AND HIRI	HIRING COSTS	875.00		
7109	Invoice	07/22/2021	HIRING COSTS	0.00	350.00	
	100-1240-6050-0000	RECRUITMENT AND HIRI	HIRING COSTS	350.00		
3572	HECTOR ALVARADO	07/23/2021	Regular	0.00	1,870.00	109678

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			Payment Date	**Payment Type**	**Discount Amount**	**Payment Amount**	**Number**
Payable #	**Payable Type**	**Post Date**	**Payable Description**		**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**		**Distribution Amount**		
1581	Invoice	07/22/2021	VEHICLE MAINTENANCE		0.00	1,870.00	
750-7100-7037-0000	VEHICLE MAINTENANCE		VEHICLE MAINTENANCE		100.00		
750-7400-7037-0000	VEHICLE MAINTENANCE		VEHICLE MAINTENANCE		640.00		
750-7600-7037-0000	VEHICLE MAINTENANCE		VEHICLE MAINTENANCE		210.00		
750-7900-7037-0000	VEHICLE MAINTENANCE		VEHICLE MAINTENANCE		410.00		
750-8000-7037-0000	VEHICLE MAINTENANCE		VEHICLE MAINTENANCE		210.00		
750-8300-7037-0000	VEHICLE MAINTENANCE		VEHICLE MAINTENANCE		300.00		
1622	HI-WAY SAFETY INC		07/23/2021	Regular	0.00	4,911.55	109679
Payable #	**Payable Type**	**Post Date**	**Payable Description**		**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**		**Distribution Amount**		
117551	Invoice	06/30/2021	ARROW BOARD - STREETS		0.00	4,911.55	
100-3250-7070-0000	SPECIAL DEPT SUPPLIES		ARROW BOARD - STREETS		4,911.55		
1643	HUNTINGTON COURT REPORTERS & TRANSCRI		07/23/2021	Regular	0.00	439.44	109680
Payable #	**Payable Type**	**Post Date**	**Payable Description**		**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**		**Distribution Amount**		
33874	Invoice	07/22/2021	PROFESSIONAL SERVICES		0.00	439.44	
100-2050-7068-0000	CONTRACTUAL SERVICES		PROFESSIONAL SERVICES		439.44		
1662	INFOSEND, INC		07/23/2021	Regular	0.00	3,054.77	109681
Payable #	**Payable Type**	**Post Date**	**Payable Description**		**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**		**Distribution Amount**		
193725	Invoice	06/30/2021	PROFESSIONAL SERVICES		0.00	3,054.77	
700-4050-7068-0000	CONTRACTUAL SERVICES		PROFESSIONAL SERVICES		3,054.77		
2527	JESUS CAMACHO		07/23/2021	Regular	0.00	60.00	109682
Payable #	**Payable Type**	**Post Date**	**Payable Description**		**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**		**Distribution Amount**		
577168	Invoice	06/30/2021	VEHCILE MAINTENANCE		0.00	30.00	
100-3100-7037-0000	VEHICLE MAINTENANCE		VEHCILE MAINTENANCE		30.00		
577169	Invoice	06/30/2021	VEHCILE MAINTENANCE		0.00	30.00	
100-3100-7037-0000	VEHICLE MAINTENANCE		VEHCILE MAINTENANCE		30.00		
4208	KNOWBE4, INC		07/23/2021	Regular	0.00	3,415.50	109683
Payable #	**Payable Type**	**Post Date**	**Payable Description**		**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**		**Distribution Amount**		
Q-202411	Invoice	07/22/2021	SOFTWARE SUBSCRIPTION		0.00	3,415.50	
100-1230-7071-0000	SOFTWARE		SOFTWARE SUBSCRIPTION		3,415.50		
3271	KS STATEBANK		07/23/2021	Regular	0.00	11,830.77	109684
Payable #	**Payable Type**	**Post Date**	**Payable Description**		**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**		**Distribution Amount**		
3353429 09/01/2	Invoice	07/23/2021	VACTOR AND PATCH TRUCK PAYMENTS		0.00	11,830.77	
100-3250-8060-0000	VEHICLES		VACTOR AND PATCH TRUCK PAY		3,194.31		
700-4050-8060-0000	VEHICLES		VACTOR AND PATCH TRUCK PAY		8,636.46		
1827	LANGUAGE TESTING INTERNATIONAL		07/23/2021	Regular	0.00	146.00	109685
Payable #	**Payable Type**	**Post Date**	**Payable Description**		**Discount Amount**	**Payable Amount**	
Account Number	**Account Name**		**Item Description**		**Distribution Amount**		
L47773-IN	Invoice	07/22/2021	PROFESSIONAL SERVICES		0.00	146.00	
100-1240-7068-0000	CONTRACTUAL SERVICES		PROFESSIONAL SERVICES		146.00		
1831	LAURA'S CUSTOM EMBROIDERY		07/23/2021	Regular	0.00	116.37	109686

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Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
3597	Invoice	07/22/2021	EMPLOYEE UNIFORMS	0.00	116.37	
	100-3100-7065-0000	UNIFORMS	EMPLOYEE UNIFORMS	116.37		
1856	LEXISNEXIS RISK SOLUTIONS	07/23/2021	Regular	0.00	171.70	109687
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
1535776-202106	Invoice	06/30/2021	MONTHLY SUBSCRIPTION FEE	0.00	171.70	
	100-2050-7030-0000	DUES & SUBSCRIPTIONS	MONTHLY SUBSCRIPTION FEE	171.70		
4290	LISA WISE CONSULTING, INC	07/23/2021	Regular	0.00	9,623.75	109688
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
3954	Invoice	06/30/2021	Housing Element Update	0.00	9,623.75	
	215-0000-7068-0000	CONTRACTUAL SERVICES	Housing Element Update	7,332.56		
	215-0000-7068-0000	CONTRACTUAL SERVICES	Housing Element Update	2,291.19		
1895	M BREY ELECTRIC INC	07/23/2021	Regular	0.00	584.98	109689
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
6861	Invoice	07/22/2021	PROFESSIONAL SERVICES	0.00	584.98	
	700-4050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	584.98		
1901	MANNING & KASS, ELLROD, RAMIREZ	07/23/2021	Regular	0.00	587.50	109690
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
711418	Invoice	06/30/2021	LEGAL SERVICES	0.00	587.50	
	100-1300-7068-000B	CONTRACTUAL SERVICES	LEGAL SERVICES	587.50		
3924	MARCUS A ANDREWS	07/23/2021	Regular	0.00	480.00	109691
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
169	Invoice	06/30/2021	EQUIPMENT MAINTENANCE	0.00	480.00	
	100-6050-7090-5500	SPEC DEPT EXP - STEWAR	EQUIPMENT MAINTENANCE	480.00		
3674	MARK43, INC	07/23/2021	Regular	0.00	92,836.00	109692
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
INV0431	Invoice	07/23/2021	Mark43 RMS and CAD Annual Support/M	0.00	92,836.00	
	100-1230-7071-6040	SOFTWARE (POLICE DEPT	Mark43 RMS and CAD Annual S	92,836.00		
1965	MORITZ EMBROIDERY WORKS	07/23/2021	Regular	0.00	572.81	109693
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
243650	Invoice	07/22/2021	EMPLOYEE UNIFORMS	0.00	572.81	
	100-2050-7065-0000	UNIFORMS	EMPLOYEE UNIFORMS	572.81		
1118	MSC INDUSTRIAL SUPPLY CO	07/23/2021	Regular	0.00	444.81	109694
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
4232947001	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	444.81	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	444.81		
3186	MWH CONSTRUCTORS INC	07/23/2021	Regular	0.00	63,596.03	109695
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
21-30504503-27	Invoice	06/30/2021	CONSTRUCTION MANAGEMENT FOR WW	0.00	63,596.03	
	710-0000-7068-0000	CONTRACTUAL SERVICE	CONSTRUCTION MANAGEMENT	63,596.03		
1984	NAPA AUTO PARTS	07/23/2021	Regular	0.00	140.07	109696

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Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
156597	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	7.53	
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	7.53		
156598	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	7.53	
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	7.53		
156656	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	12.91	
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	12.91		
156929	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	42.54	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	42.54		
157001	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	69.56	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	69.56		
3538	NUCKLES OIL COMPANY INC	07/23/2021	Regular	0.00	223.25	109697
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
655304	Invoice	07/22/2021	FUEL/OIL EXPENSE	0.00	223.25	
	700-4050-7050-0000	FUEL	FUEL/OIL EXPENSE	223.25		
2009	O'REILLY AUTO PARTS	07/23/2021	Regular	0.00	452.79	109698
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
2678-358569	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	70.03	
	750-7800-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	70.03		
2678-360608	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	36.49	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	36.49		
2678-361777	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	53.50	
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	53.50		
2678-362095	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	15.16	
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	15.16		
2678-362096	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	51.13	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	51.13		
2678-362100	Invoice	06/30/2021	VEHCILE MAINTENANCE	0.00	34.78	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHCILE MAINTENANCE	34.78		
2678-362133	Invoice	06/30/2021	BUILDING MAINTENANCE	0.00	11.83	
	750-7300-7085-0000	BUILDING SUPPLIES/MAI	BUILDING MAINTENANCE	11.83		
2678-362364	Invoice	07/22/2021	VEHICLE MAINTENANCE	0.00	34.50	
	750-8300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	34.50		
2678-363394	Invoice	07/22/2021	EQUIPMENT MAINTENANCE	0.00	117.89	
	100-6050-7090-0000	EQUIPMENT SUPPLIES/M	EQUIPMENT MAINTENANCE	117.89		
2678-363462	Invoice	07/22/2021	VEHICLE MAINTENANCE	0.00	27.48	
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	27.48		
2072	POLYDYNE, INC.	07/23/2021	Regular	0.00	5,745.57	109699
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
1560332	Invoice	07/23/2021	CHEMICALS & SUPPLIES	0.00	5,745.57	
	700-4050-7070-0000	SPECIAL DEPT SUPPLIES	CHEMICALS & SUPPLIES	5,745.57		
2074	PRE-PAID LEGAL SERVICES INC	07/23/2021	Regular	0.00	546.00	109700
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
PD 06/16/21-07/	Invoice	06/30/2021	OPTIONAL EMPLOYEE INSURANCE	0.00	546.00	
	100-0000-2045-0000	PRE PAID LEGAL	OPTIONAL EMPLOYEE INSURAN	546.08		
	100-0000-4825-0000	MISCELLANEOUS REVENU	OPTIONAL EMPLOYEE INSURAN	-0.08		

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Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
2076	PRINTING & PROMOTION PLUS, INC.	07/23/2021	Regular	0.00	349.93	109701
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
80355	Invoice	07/22/2021	OFFICE SUPPLIES	0.00	349.93	
	100-1200-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	349.93		
2083	PROFORMA	07/23/2021	Regular	0.00	218.85	109702
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
B156001552A	Invoice	07/22/2021	OFFICE SUPPLIES	0.00	218.85	
	100-2050-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	218.85		
3652	PRUDENTIAL OVERALL SUPPLY	07/23/2021	Regular	0.00	178.86	109703
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
23180526	Invoice	07/23/2021	WW - Prudential Uniforms	0.00	89.43	
	700-4050-7065-0000	UNIFORMS	WW - Prudential Uniforms	89.43		
23183643	Invoice	07/23/2021	WW - Prudential Uniforms	0.00	89.43	
	700-4050-7065-0000	UNIFORMS	WW - Prudential Uniforms	89.43		
2091	PURCHASE POWER-1183	07/23/2021	Regular	0.00	51.69	109704
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
8000-9000-0779-	Invoice	07/22/2021	POSTAGE	0.00	51.69	
	100-2050-7025-0000	OFFICE SUPPLIES	POSTAGE	51.69		
2098	QUILL CORPORATON	07/23/2021	Regular	0.00	633.71	109705
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
17438409	Invoice	06/30/2021	OFFICE SUPPLIES	0.00	248.82	
	100-2000-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	12.44		
	100-2050-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	236.38		
17679526	Invoice	06/30/2021	OFFICE SUPPLIES	0.00	103.92	
	100-1200-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	103.92		
17684435	Invoice	06/30/2021	OFFICE SUPPLIES	0.00	149.76	
	100-1200-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	149.76		
17860287	Invoice	07/22/2021	OFFICE SUPPLIES	0.00	131.21	
	100-1200-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	83.97		
	100-1225-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	47.24		
2104	RAMONA HUMANE SOCIETY INC	07/23/2021	Regular	0.00	2,569.04	109706
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
COB06302 06/30	Invoice	06/30/2021	ANIMAL CARE SERVICES JUNE 2021	0.00	2,569.04	
	100-2000-7068-0000	CONTRACTUAL SERVICES	ANIMAL CARE SERVICES JUNE 2	2,569.04		
4410	Ray Allen Manufacturing, LLC	07/23/2021	Regular	0.00	219.35	109707
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
RINV193489	Invoice	07/22/2021	DEPT SUPPLIES	0.00	180.57	
	100-2080-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	180.57		
RINV193728	Invoice	07/22/2021	DEPT SUPPLIES	0.00	38.78	
	100-2080-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	38.78		
2623	RIVERSIDE UNIVERSITY HEALTH SYSTEM MEDIC	07/23/2021	Regular	0.00	1,200.00	109708

Vendor Number / Payable #	Vendor Name / Payable Type / Account Number	Post Date / Account Name	Payment Date / Payable Description / Item Description	Payment Type	Discount Amount / Discount Amount / Distribution Amount	Payment Amount / Payable Amount	Number
1125	Invoice	06/30/2021	PROFESSIONAL SERVICES		0.00	1,200.00	
	100-2050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES		1,200.00		
1113	RYAN M. WESTBROOK INC		07/23/2021	Regular	0.00	331.50	109709
750458	Invoice	06/30/2021	ANIMAL CARE SERVICES		0.00	295.50	
	100-2000-7068-0000	CONTRACTUAL SERVICES	ANIMAL CARE SERVICES		295.50		
751574	Invoice	06/30/2021	ANIMAL CARE SERVICES		0.00	6.00	
	100-2000-7068-0000	CONTRACTUAL SERVICES	ANIMAL CARE SERVICES		6.00		
751665	Invoice	06/30/2021	ANIMAL CARE SERVICES		0.00	6.00	
	100-2000-7068-0000	CONTRACTUAL SERVICES	ANIMAL CARE SERVICES		6.00		
751750	Invoice	06/30/2021	ANIMAL CARE SERVICES		0.00	24.00	
	100-2000-7068-0000	CONTRACTUAL SERVICES	ANIMAL CARE SERVICES		24.00		
2234	SAN BERNARDINO COUNTY SHERIFF'S DEPART		07/23/2021	Regular	0.00	8,283.00	109710
RNG-21-005	Invoice	06/30/2021	San Bernardino County Sheriff Trimester		0.00	8,283.00	
	100-2050-7066-0000	TRAVEL, EDUCATION, TRA	San Bernardino County Sheriff T		8,283.00		
2257	SCOTT FAZEKAS & ASSOCIATES, INC.		07/23/2021	Regular	0.00	9,346.26	109711
21506	Invoice	06/30/2021	SFA, Inc. Plan Check Services		0.00	9,346.26	
	100-2150-7063-0000	PLAN CHECK FEES	SFA, Inc. Plan Check Services		9,346.26		
2026	SECURITY SIGNAL DEVICES, INC		07/23/2021	Regular	0.00	1,403.70	109712
R-00299051	Invoice	07/22/2021	SECURITY SERVICES		0.00	59.85	
	700-4050-7087-0000	SECURITY SERVICES	SECURITY SERVICES		59.85		
R-00301053	Invoice	07/22/2021	SECURITY SERVICES		0.00	218.65	
	100-6000-7087-6025	SECURITY - CITY HALL	SECURITY SERVICES		158.40		
	100-6000-7087-6026	SECURITY- CITY HALL BLD	SECURITY SERVICES		60.25		
R-00301237	Invoice	07/22/2021	SECURITY SERVICES		0.00	113.25	
	100-6000-7087-6040	SECURITY - POLICE DEPT	SECURITY SERVICES		113.25		
R-00302085	Invoice	07/22/2021	SECURITY SERVICES		0.00	55.65	
	750-7000-7087-0000	SECURITY SERVICES	SECURITY SERVICES		55.65		
R-00302130	Invoice	07/22/2021	SECURITY SERVICES		0.00	163.50	
	700-4050-7087-005X	SECURITY SERVICES	SECURITY SERVICES		163.50		
R-00303166	Invoice	07/22/2021	SECURITY SERVICES		0.00	186.50	
	100-6000-7087-6045	SECURITY - COMMUNITY	SECURITY SERVICES		186.50		
R-00303206	Invoice	07/22/2021	SECURITY SERVICES		0.00	61.50	
	750-7300-7087-0000	SECURITY SERVICES	SECURITY SERVICES		61.50		
R-00303745	Invoice	07/22/2021	SECURITY SERVICES		0.00	179.55	
	700-4050-7087-007A	SECURITY SERVICES	SECURITY SERVICES		179.55		
R-00303944	Invoice	07/22/2021	SECURITY SERVICES		0.00	58.25	
	100-6000-7087-6040	SECURITY - POLICE DEPT	SECURITY SERVICES		58.25		
R-00304286	Invoice	07/22/2021	SECURITY SERVICES		0.00	138.00	
	700-4050-7087-005X	SECURITY SERVICES	SECURITY SERVICES		138.00		
S-01048819	Invoice	06/30/2021	SECURITY SERVICES		0.00	169.00	
	100-6000-7087-6045	SECURITY - COMMUNITY	SECURITY SERVICES		169.00		

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Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
2559	SEDGWICK CLAIMS MANAGEMENT SERVICES, I	07/23/2021	Regular	0.00	9,777.50	109713
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
400000064801	Invoice	07/22/2021	WORKERS COMPENSATION CLAIMS	0.00	9,777.50	
	100-1240-7068-0000	CONTRACTUAL SERVICES	WORKERS COMPENSATION CLAI	9,777.50		
2281	SHRED-IT	07/23/2021	Regular	0.00	386.00	109714
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
8182297929	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	386.00	
	100-1200-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	90.51		
	100-2000-7025-0000	OFFICE SUPPLIES	PROFESSIONAL SERVICES	14.77		
	100-2050-7025-0000	OFFICE SUPPLIES	PROFESSIONAL SERVICES	280.72		
2292	SIRCHIE	07/23/2021	Regular	0.00	393.75	109715
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
0504053-IN	Invoice	07/22/2021	DEPT SUPPLIES	0.00	393.75	
	100-2050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	393.75		
2309	SOUTH COAST AQMD	07/23/2021	Regular	0.00	289.02	109716
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
3813996	Invoice	07/22/2021	CA AIR TOXICS "HOT SPOTS" PROGRAM FE	0.00	144.51	
	700-4050-7022-005X	LICENSE, PERMITS, FEES -	CA AIR TOXICS "HOT SPOTS" PR	144.51		
3816876	Invoice	07/22/2021	CA AIR TOXICS "HOT SPOTS" PROGRAM FE	0.00	144.51	
	700-4050-7022-0000	LICENSE, PERMITS, FEES	CA AIR TOXICS "HOT SPOTS" PR	144.51		
2311	SOUTHERN CALIFORNIA EDISON	07/23/2021	Regular	0.00	64,441.09	109717
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
07/22/21	Invoice	06/30/2021	ELECTIC UTILITY	0.00	64,441.09	
	100-3250-7010-0000	UTILITIES	ELECTIC UTILITY	21,826.34		
	100-3250-7010-003X	UTILITIES (IA 3)	ELECTIC UTILITY	3,311.04		
	100-3250-7010-004X	UTILITIES (IA 4)	ELECTIC UTILITY	27.84		
	100-3250-7010-006B	UTILITIES (IA 6B)	ELECTIC UTILITY	3,238.81		
	100-3250-7010-007A	UTILITIES (IA 7A)	ELECTIC UTILITY	29.18		
	100-3250-7010-007B	UTILITIES (IA 7B)	ELECTIC UTILITY	29.49		
	100-3250-7010-008A	UTILITIES (IA 8A)	ELECTIC UTILITY	1,439.39		
	100-3250-7010-008C	UTILITIES (IA 8C)	ELECTIC UTILITY	710.18		
	100-3250-7010-011A	UTILITIES (IA 11A)	ELECTIC UTILITY	229.90		
	100-3250-7010-014B	UTILITIES (IA 14B)	ELECTIC UTILITY	94.40		
	100-3250-7010-014X	UTILITIES (IA 14)	ELECTIC UTILITY	2,293.48		
	100-3250-7010-018X	UTILITIES (IA 18)	ELECTIC UTILITY	213.67		
	100-3250-7010-019C	UTILITIES (IA 19C)	ELECTIC UTILITY	3,736.38		
	100-3250-7010-06A1	UTILITIES (IA 6A1)	ELECTIC UTILITY	1,835.06		
	100-6000-7010-6025	UTILITIES - CITY HALL	ELECTIC UTILITY	5,724.81		
	100-6000-7010-6031	UTILITIES - CITY HALL BLD	ELECTIC UTILITY	1,796.55		
	100-6000-7010-6032	UTILITIES - CITY HALL BLD	ELECTIC UTILITY	1,796.55		
	100-6000-7010-6040	UTILITIES - POLICE DEPT	ELECTIC UTILITY	5,035.05		
	100-6000-7010-6041	UTILITIES - POLICE ANNEX	ELECTIC UTILITY	837.00		
	100-6000-7010-6045	UTILITIES - COMMUNITY	ELECTIC UTILITY	6,499.35		
	100-6000-7010-6055	UTILITIES - FIRE STATION	ELECTIC UTILITY	967.98		
	100-6050-7010-0000	UTILITIES	ELECTIC UTILITY	352.58		
	100-6050-7010-06A1	UTILITIES IA 6A1	ELECTIC UTILITY	47.30		
	750-7000-7010-0000	UTILITIES	ELECTIC UTILITY	1,873.49		
	750-7300-7010-0000	UTILITIES	ELECTIC UTILITY	495.27		
3680	SWANK MOTION PICTURES, INC	07/23/2021	Regular	0.00	435.00	109718

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	Vendor Number / Payable #	**Vendor Name / Payable Type / Account Number**	**Post Date / Account Name**	**Payment Date / Payable Description / Item Description**	**Payment Type**	**Discount Amount / Discount Amount / Distribution Amount**	**Payment Amount / Payable Amount**	**Number**
	BO 1818314	Invoice	07/22/2021	COMMUNITY EVENT		0.00	435.00	
		100-1550-7049-0000	SPECIAL COMMUNITY EV	COMMUNITY EVENT		435.00		
2407	THE GAS COMPANY			07/23/2021	Regular	0.00	156.41	109719
	09712228007 07/	Invoice	06/30/2021	GAS UTILITY		0.00	32.91	
		100-6000-7010-6025	UTILITIES - CITY HALL	GAS UTILITY		32.91		
	10552227000 07/	Invoice	06/30/2021	GAS UTILITY		0.00	22.35	
		100-6000-7010-6040	UTILITIES - POLICE DEPT	GAS UTILITY		22.35		
	10552230004 07/	Invoice	06/30/2021	GAS UTILITY		0.00	16.30	
		750-7300-7010-0000	UTILITIES	GAS UTILITY		16.30		
	15382227021 07/	Invoice	06/30/2021	GAS UTILITY		0.00	32.33	
		750-7000-7010-0000	UTILITIES	GAS UTILITY		32.33		
	19782338008 07/	Invoice	06/30/2021	GAS UTILITY		0.00	52.52	
		100-6000-7010-6055	UTILITIES - FIRE STATION	GAS UTILITY		52.52		
4267	THERESA MICHEL INVESTIGATIONS			07/23/2021	Regular	0.00	450.00	109720
	23	Invoice	07/22/2021	HIRING COSTS		0.00	450.00	
		100-1240-6050-0000	RECRUITMENT AND HIRI	HIRING COSTS		450.00		
2456	TURF STAR, INC.			07/23/2021	Regular	0.00	51.32	109721
	7175752-01	Invoice	06/30/2021	EQUIPMENT MAINTENANCE		0.00	51.32	
		100-6050-7090-0000	EQUIPMENT SUPPLIES/M	EQUIPMENT MAINTENANCE		51.32		
4320	Twilight Productions			07/23/2021	Regular	0.00	1,253.18	109722
	8255113	Invoice	07/22/2021	DEPT SUPPLIES		0.00	1,253.18	
		100-1550-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES		1,253.18		
2484	VERIZON			07/23/2021	Regular	0.00	760.20	109723
	9882820098	Invoice	06/30/2021	PHONE UTILITY		0.00	760.20	
		750-7100-7015-0000	TELEPHONE	PHONE UTILITY		38.01		
		750-7400-7015-0000	TELEPHONE	PHONE UTILITY		190.05		
		750-7600-7015-0000	TELEPHONE	PHONE UTILITY		190.05		
		750-7800-7015-0000	TELEPHONE	PHONE UTILITY		114.03		
		750-7900-7015-0000	TELEPHONE	PHONE UTILITY		76.02		
		750-8100-7015-0000	TELEPHONE	PHONE UTILITY		38.01		
		750-8200-7015-0000	TELEPHONE	PHONE UTILITY		38.01		
		750-8300-7015-0000	TELEPHONE	PHONE UTILITY		76.02		
2516	VOHNE LICHE KENNELS INC			07/23/2021	Regular	0.00	254.29	109724
	17406	Invoice	07/22/2021	DEPT SUPPLIES		0.00	254.29	
		100-2080-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES - MILA		127.15		
		100-2080-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES - MURPH		127.14		
3209	VPLS SOLUTIONS LLC			07/23/2021	Regular	0.00	22,877.78	109725

Check Report **Date Range: 07/16/20 021**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
15180	Invoice	06/30/2021	Virtual Cluster Switch Upgrade (PD- CH)	0.00	1,575.00	
	100-1230-7090-6025	EQUIP SUPPLIES/MAINT (	Virtual Cluster Swich Upgrade (P	1,575.00		
15952	Invoice	06/30/2021	Virtual Cluster Switch Upgrade (PD- CH)	0.00	21,302.78	
	100-1230-7090-6025	EQUIP SUPPLIES/MAINT (	Virtual Cluster Swich Upgrade (P	21,302.78		
3422	WAXIE SANITARY SUPPLY	07/23/2021	Regular	0.00	27.03	109726
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
79976506	Invoice	06/30/2021	BUILDING MAINTENANCE	0.00	27.03	
	100-6000-7085-6040	BLDG MAINT - POLICE DE	BUILDING MAINTENANCE	27.03		
3248	WEBB MUNICIPAL FINANCE, LLC	07/23/2021	Regular	0.00	35,000.00	109727
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
20210367	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	35,000.00	
	250-0000-1198-0000	CFD FORMATION - SDC FA	PROFESSIONAL SERVICES	35,000.00		
2546	WILLDAN ENGINEERING	07/23/2021	Regular	0.00	6,480.00	109728
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
002-24683	Invoice	06/30/2021	Building Inspections Services	0.00	6,480.00	
	100-2150-7067-0000	INSPECTIONS	Building Inspections Services	6,480.00		
2552	WOODSIDE HOMES	07/23/2021	Regular	0.00	5,444.34	109729
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
RCT R01149868	Invoice	06/30/2021	REFUND OF DVLPMNT FEES FOR BLDR202	0.00	5,444.34	
	560-0000-4915-0000	FIRE STATION MITIGATIO	REFUND OF DVLPMNT FEES FOR	1,728.87		
	705-6025-4915-0000	MITIGATION FEES (SAN TI	REFUND OF DVLPMNT FEES FOR	2,989.65		
	705-6026-4915-0000	MITIGATION FEES (SAN TI	REFUND OF DVLPMNT FEES FOR	725.82		
2552	WOODSIDE HOMES	07/23/2021	Regular	0.00	7,259.12	109730
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
RCT R01149869	Invoice	06/30/2021	REFUND OF DVLPMT IMPACT FEES BLDR2	0.00	7,259.12	
	560-0000-4915-0000	FIRE STATION MITIGATIO	REFUND OF DEVELOPMENT IMP	2,305.16		
	705-6025-4915-0000	MITIGATION FEES (SAN TI	REFUND OF DVLPMT IMPACT FE	3,986.20		
	705-6026-4915-0000	MITIGATION FEES (SAN TI	REFUND OF DVLPMT IMPACT FE	967.76		
3675	ZENITH AMERICAN SOLUTIONS	07/23/2021	Regular	0.00	31.32	109731
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
PD 07/02/21	Invoice	06/30/2021	OPTIONAL EMPLOYEE INSURANCE	0.00	15.66	
	100-0000-2085-0000	ZENITH WITHHOLDING	OPTIONAL EMPLOYEE INSURAN	15.66		
PD 07/16/21	Invoice	07/22/2021	OPTIONAL EMPLOYEE INSURANCE	0.00	15.66	
	100-0000-2085-0000	ZENITH WITHHOLDING	OPTIONAL EMPLOYEE INSURAN	15.66		
3457	ZONAR SYSTEMS	07/23/2021	Regular	0.00	486.00	109732

Vendor Number / Payable #	Vendor Name / Payable Type / Account Number	Post Date	Payment Date / Payable Description / Account Name	Payment Type / Item Description	Discount Amount / Discount Amount / Distribution Amount	Payment Amount / Payable Amount	Number
SI513017	Invoice	07/22/2021	SOFTWARE		0.00	486.00	
	750-7100-7071-0000		SOFTWARE	SOFTWARE		54.00	
	750-7400-7071-0000		SOFTWARE	SOFTWARE		135.00	
	750-7600-7071-0000		SOFTWARE	SOFTWARE		81.00	
	750-7900-7071-0000		SOFTWARE	SOFTWARE		81.00	
	750-8000-7071-0000		SOFTWARE	SOFTWARE		27.00	
	750-8300-7071-0000		SOFTWARE	SOFTWARE		108.00	

Bank Code APBNK Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	151	88	0.00	445,804.52
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	32	8	0.00	3,987,656.98
	183	**96**	**0.00**	**4,433,461.50**

All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	151	88	0.00	445,804.52
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	32	8	0.00	3,987,656.98
	183	**96**	**0.00**	**4,433,461.50**

Fund Summary

Fund	Name	Period	Amount
999	POOLED CASH	7/2021	4,433,461.50
			4,433,461.50

AGENDA ITEM NO.

BEAUMONT
CALIFORNIA

WARRANTS TO BE RATIFIED

Thursday, July 29, 2021

Printed Checks	109734-109783	$	205,657.21	FY 20/21
		$	277,614.45	FY 21/22
ACH	468	$	5,109.00	FY 21/22
	A/P Total	$	488,380.66	
Wires	Wilmington	$	30,366.85	CFD Prepayment
Bank Drafts	CalPERS	$	817,163.00	743 Unfunded Liability
		$	605,871.00	742 Unfunded Liability
		$	12,594.00	27308 Unfunded Liability
		$	5,711.00	25763 Unfunded Liability
	Paychex	$	502,692.93	Paydate 07/16/2021

I DO HEREBY CERTIFY THIS WARRANT LIST HAS BEEN COMPILED AND PREPARED TO MEET THE DAILY OPERATIONS FOR THE FISCAL YEAR JULY 1, 2021 - JUNE 30, 2022

SIGNATURE: _____
TITLE: CITY TREASURER

SIGNATURE: _____
TITLE: FINANCE DIRECTOR

City of Beaumont, CA

Check Report

By Check Number

Date Range: 07/24/2021 - 07/29/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: APBNK-AP Bank						
1500	EXCLUSIVE RISK MANAGEMENT AUTHORITY OF	07/28/2021	EFT	0.00	5,109.00	468
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
100019-2	Invoice	07/29/2021	POLLUTION ERP ANNUAL PREMIUM	0.00	5,109.00	
	100-1240-7080-0000	INSURANCE	POLLUTION ERP ANNUAL PREMI	5,109.00		
1050	AMAZON CAPITAL SERVICES	07/28/2021	Regular	0.00	38.76	109734
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
16VJ-C64X-GVM9	Invoice	07/28/2021	OFFICE SUPPLIES	0.00	38.76	
	100-1240-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	38.76		
1053	AMERICAN FORENSIC NURSES	07/28/2021	Regular	0.00	734.41	109735
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
74638	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	121.14	
	100-2050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	121.14		
74701	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	492.13	
	100-2050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	492.13		
74702	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	121.14	
	100-2050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	121.14		
4360	BLECKERT'S POWER SERVICES	07/28/2021	Regular	0.00	300.00	109736
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
1042	Invoice	07/29/2021	PROFESSIONAL SERVICES	0.00	300.00	
	700-4050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	300.00		
4212	CHARLES P. CROWLEY COMPANY, INC	07/28/2021	Regular	0.00	443.97	109737
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
28418	Invoice	06/30/2021	DEPT SUPPLIES	0.00	443.97	
	700-4050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	443.97		
1279	CIGNA HEALTH CARE	07/28/2021	Regular	0.00	11,357.87	109738
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
2846332	Invoice	07/29/2021	EMPLOYEE MEDICAL INSURANCE	0.00	11,357.87	
	100-1200-6020-0000	HEALTH INSURANCE	EMPLOYEE MEDICAL INSURANC	1,707.95		
	100-2050-6020-0000	HEALTH INSURANCE	EMPLOYEE MEDICAL INSURANC	4,526.06		
	100-6050-6020-0000	HEALTH INSURANCE	EMPLOYEE MEDICAL INSURANC	3,415.91		
	700-4050-6020-0000	HEALTH INSURANCE	EMPLOYEE MEDICAL INSURANC	1,707.95		
1285	CITY OF BANNING	07/28/2021	Regular	0.00	198.84	109739
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
07142021-01	Invoice	06/30/2021	SHARED TRAFFIC SIGNAL UTILITY @ HS W	0.00	198.84	
	100-3250-7010-0000	UTILITIES	SHARED TRAFFIC SIGNAL UTILIT	198.84		
4209	COMMERCIAL CLEANING SOLUTIONS INC	07/28/2021	Regular	0.00	2,800.00	109740

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
35795	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	2,800.00	
	100-6000-7068-6045	CONTRACTUAL SVC- COM	PROFESSIONAL SERVICES	2,800.00		
4298	COUNTY OF RIVERSIDE COUNTY CLERK	07/28/2021	Regular	0.00	50.00	109741
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
CEQA 20/21	Invoice	06/30/2021	ANNUAL CITYWIDE STREET REHABILITATI	0.00	50.00	
	500-0000-8030-0000	INFRASTRUCTURE IMPRO	ANNUAL CITYWIDE STREET REH	50.00		
3905	DANIEL GARCIA MONTOYA	07/28/2021	Regular	0.00	36.95	109742
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
0274554	Invoice	06/30/2021	LANDSCAPING DEMO	0.00	36.95	
	500-0000-8030-0000	INFRASTRUCTURE IMPRO	LANDSCAPING DEMO	36.95		
1408	DEPARTMENT OF TRANSPORTATION	07/28/2021	Regular	0.00	2,158.73	109743
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
SL210700	Invoice	07/29/2021	SIGNALS & LIGHTING BILLING	0.00	2,158.73	
	100-3250-7010-0000	UTILITIES	SIGNALS & LIGHTING BILLING	2,158.73		
1424	DIRECTV	07/28/2021	Regular	0.00	304.98	109744
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
051885754X2107	Invoice	07/29/2021	BUILDING UTILITY	0.00	188.99	
	100-6000-7010-6045	UTILITIES - COMMUNITY	BUILDING UTILITY	188.99		
080503076X2107	Invoice	07/29/2021	BUILDING MAINTENANCE	0.00	115.99	
	100-6000-7010-6040	UTILITIES - POLICE DEPT	BUILDING MAINTENANCE	115.99		
1501	FAIRVIEW FORD	07/28/2021	Regular	0.00	343.50	109745
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
813922	Invoice	07/29/2021	VEHICLE MAINTENANCE	0.00	343.50	
	100-2050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	343.50		
1533	FRONTIER COMMUNICATIONS	07/28/2021	Regular	0.00	1,718.22	109746
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
951-197-0708-12	Invoice	07/29/2021	PHONE UTILTIY	0.00	1,190.00	
	100-1230-7015-6040	TELEPHONE (POLICE DPT)	PHONE UTILTIY	1,190.00		
951-769-8537-03	Invoice	07/29/2021	PHONE UTILTIY	0.00	228.32	
	100-1230-7015-6060	TELEPHONE (4th ST YARD	PHONE UTILTIY	228.32		
951-769-8538-06	Invoice	07/29/2021	PHONE UTILTIY	0.00	83.32	
	100-1230-7015-6048	TELEPHONE (POOL)	PHONE UTILTIY	83.32		
951-922-6646-04	Invoice	07/29/2021	PHONE UTILTIY	0.00	216.58	
	700-4050-7015-0000	TELEPHONE	PHONE UTILTIY	216.58		
1554	GALLADE CHEMICAL,INC.	07/28/2021	Regular	0.00	958.98	109747
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
1126758	Invoice	07/28/2021	CHEMICALS FOR WWTP	0.00	958.98	
	700-4050-7070-0000	SPECIAL DEPT SUPPLIES	CHEMICALS FOR WWTP	958.98		
3515	HD SUPPLY FACILITIES MAINTENANCE LTD	07/28/2021	Regular	0.00	725.83	109748

Check Report

Date Range: 07/24/202 021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
648062	Invoice	06/30/2021	DEPARTMENT SUPPLIES - SEWER	0.00	411.63	
	700-4050-7070-0000	SPECIAL DEPT SUPPLIES	DEPARTMENT SUPPLIES - SEWE	411.63		
648469	Invoice	06/30/2021	DEPARTMENT SUPPLIES - SEWER	0.00	93.26	
	700-4050-7070-0000	SPECIAL DEPT SUPPLIES	DEPARTMENT SUPPLIES - SEWE	93.26		
651196	Invoice	07/28/2021	WWTP DEPT SUPPLIES	0.00	220.94	
	700-4050-7070-0000	SPECIAL DEPT SUPPLIES	WWTP DEPT SUPPLIES	220.94		
4387	HELIX ENVIRONMENTAL PLANNING, INC.	07/28/2021	Regular	0.00	2,720.13	109749
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
108474	Invoice	06/30/2021	ENVIRONMENTAL SERVICES FOR THE WES	0.00	2,720.13	
	500-0000-7068-0000	CONTRACTUAL SERVICE	ENVIRONMENTAL SERVICES FOR	2,720.13		
2527	JESUS CAMACHO	07/28/2021	Regular	0.00	210.00	109750
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
577170	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	90.00	
	100-2030-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	90.00		
577171	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	120.00	
	100-2030-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	120.00		
3414	JTB SUPPLY CO., INC	07/28/2021	Regular	0.00	2,901.94	109751
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
108835	Invoice	06/30/2021	STREET SIGNS	0.00	2,901.94	
	100-3250-7070-0000	SPECIAL DEPT SUPPLIES	STREET SIGNS	2,901.94		
1773	KAISER FOUNDATION HEALTH PLAN	07/28/2021	Regular	0.00	162,873.69	109752
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
AUGUST 2021	Invoice	07/29/2021	HEALTH INSURANCE	0.00	158,359.78	
	100-1200-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	6,593.29		
	100-1225-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	5,394.53		
	100-1230-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	2,996.97		
	100-1240-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	2,397.57		
	100-1350-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	3,116.85		
	100-1550-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	1,978.04		
	100-2000-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	3,596.32		
	100-2030-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	1,918.10		
	100-2050-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	48,071.26		
	100-2090-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	14,505.40		
	100-2150-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	7,792.10		
	100-3100-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	10,189.61		
	100-3250-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	7,792.10		
	100-6050-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	19,660.17		
	700-4050-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	7,192.70		
	750-7000-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	3,656.32		
	750-7100-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	599.41		
	750-7300-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	6,113.83		
	750-7400-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	1,798.23		
	750-7600-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	599.41		
	750-7700-6020-0000	HEALTH INSURANCE	HEALTH INSURANCE	2,397.57		
AUGUST 2021 CO	Invoice	07/29/2021	MEDICAL INSURANCE	0.00	3,116.91	
	100-0000-2299-0000	COBRA RECEIPTS	MEDICAL INSURANCE - ONODER	1,318.69		
	100-0000-2299-0000	COBRA RECEIPTS	MEDICAL INSURANCE - GARCIA	599.41		
	100-0000-2299-0000	COBRA RECEIPTS	MEDICAL INSURANCE - KEYSER,	1,198.81		
AUGUST 2021 HS	Invoice	07/29/2021	EMPLOYEE MEDICAL INSURANCE	0.00	1,397.00	

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Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
	100-2050-6020-0000 HEALTH INSURANCE		EMPLOYEE MEDICAL INSURANC		1,397.00	
3379	LAW OFFICES BURKE, WILLIAMS & SORENSEN,	07/28/2021	Regular	0.00	210.00	109753
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
271254	Invoice	06/30/2021	LEGAL SERVICES	0.00	210.00	
	100-1300-7068-000B	CONTRACTUAL SERVICES	LEGAL SERVICES	210.00		
1895	M BREY ELECTRIC INC	07/28/2021	Regular	0.00	244.00	109754
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
6869	Invoice	07/28/2021	ELECTRICAL SERVICES FOR WASTE WATER	0.00	244.00	
	700-4050-7068-0000	CONTRACTUAL SERVICES	ELECTRICAL SERVICES FOR WAS	244.00		
3186	MWH CONSTRUCTORS INC	07/28/2021	Regular	0.00	2,303.04	109755
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
21-30505107-22	Invoice	06/30/2021	BRINE LINE INSTALLATION CONSTRUCTIO	0.00	2,303.04	
	710-0000-8030-0000	CAPITAL IMPROVEMENT	BRINE LINE INSTALLATION CONS	2,303.04		
1984	NAPA AUTO PARTS	07/28/2021	Regular	0.00	14.21	109756
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
157209	Invoice	07/29/2021	VEHICLE MAINTENANCE	0.00	14.21	
	100-3100-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	14.21		
2007	NV5, INC	07/28/2021	Regular	0.00	64,100.19	109757
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
216733	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,470.00	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	1,470.00		
217186	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	745.00	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	745.00		
217356	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	310.00	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	310.00		
217359	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	3,480.00	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	3,480.00		
217389	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,362.76	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	1,362.76		
217393	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	2,885.85	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	2,885.85		
219154	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	121.65	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	121.65		
219155	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,331.55	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	1,331.55		
219156	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	803.65	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	803.65		
219157	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	535.76	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	535.76		
219158	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	821.17	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	821.17		
219159	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,071.53	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	1,071.53		
219160	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	243.31	
	100-3100-7063-0000	PLAN CHECK FEES	ENGINEERING PLAN CHECK & O	243.31		
219161	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,210.50	

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Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,210.50	
219162	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,438.65	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,438.65	
219164	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,775.40	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,775.40	
219165	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,129.80	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,129.80	
219166	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	2,244.56	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		2,244.56	
219167	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	2,113.51	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		2,113.51	
219168	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,977.15	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,977.15	
219180	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,412.25	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,412.25	
219181	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	3,066.60	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		3,066.60	
219182	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	2,905.20	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		2,905.20	
219183	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	2,467.13	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		2,467.13	
219184	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,428.71	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,428.71	
219185	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,250.12	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,250.12	
219186	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	821.17	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		821.17	
219188	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	230.00	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		230.00	
219192	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	227.50	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		227.50	
219193	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,078.98	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,078.98	
219195	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,078.98	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,078.98	
219196	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	821.17	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		821.17	
219197	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,078.98	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,078.98	
219199	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,071.54	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,071.54	
219200	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	937.59	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		937.59	
219201	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,071.54	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,071.54	
219202	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	937.59	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		937.59	
219203	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	535.76	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		535.76	
219204	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	401.82	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		401.82	
219205	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	792.56	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		792.56	
219206	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,210.50	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,210.50	
219209	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	4,842.04	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		4,842.04	
219212	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	845.41	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		845.41	
219215	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	535.77	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		535.77	
219218	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	1,964.48	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		1,964.48	
219222	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	890.00	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		890.00	
219224	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	890.00	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		890.00	
219227	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	910.00	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		910.00	
219230	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	890.00	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		890.00	
219232	Invoice	06/30/2021	ENGINEERING PLAN CHECK & ON CALL SU	0.00	435.00	
	100-3100-7063-0000 PLAN CHECK FEES		ENGINEERING PLAN CHECK & O		435.00	
	Void	07/28/2021	Regular	0.00	0.00	109758
	Void	07/28/2021	Regular	0.00	0.00	109759
	Void	07/28/2021	Regular	0.00	0.00	109760
2015	OCCUPATIONAL HEALTH DYNAMICS	07/28/2021	Regular	0.00	740.00	109761
Payable #	**Payable Type** **Post Date** **Payable Description**			**Discount Amount**	**Payable Amount**	
	Account Number **Account Name** **Item Description**			**Distribution Amount**		
75004	Invoice	06/30/2021	DEPT SUPPLIES	0.00	740.00	
	100-2050-7070-0000 SPECIAL DEPT SUPPLIES		DEPT SUPPLIES		740.00	
2039	PARKHOUSE TIRE, INC.	07/28/2021	Regular	0.00	1,546.09	109762
Payable #	**Payable Type** **Post Date** **Payable Description**			**Discount Amount**	**Payable Amount**	
	Account Number **Account Name** **Item Description**			**Distribution Amount**		
2030202996	Invoice	07/29/2021	VEHICLE MAINTENANCE	0.00	731.99	
	100-2050-7037-0000 VEHICLE MAINTENANCE		VEHICLE MAINTENANCE		731.99	
2030202998	Invoice	07/29/2021	VEHICLE MAINTENANCE	0.00	814.10	
	100-2050-7037-0000 VEHICLE MAINTENANCE		VEHICLE MAINTENANCE		814.10	
3642	PLACEWORKS, INC	07/28/2021	Regular	0.00	645.00	109763
Payable #	**Payable Type** **Post Date** **Payable Description**			**Discount Amount**	**Payable Amount**	
	Account Number **Account Name** **Item Description**			**Distribution Amount**		
75758	Invoice	06/30/2021	ENV2019-0009	0.00	645.00	
	100-1350-7068-0000 CONTRACTUAL SERVICES		ENV2019-0009		645.00	
3652	PRUDENTIAL OVERALL SUPPLY	07/28/2021	Regular	0.00	65.24	109764
Payable #	**Payable Type** **Post Date** **Payable Description**			**Discount Amount**	**Payable Amount**	
	Account Number **Account Name** **Item Description**			**Distribution Amount**		
23177153	Invoice	06/30/2021	Streets - Prudential Uniforms	0.00	65.24	
	100-3250-7065-0000 UNIFORMS		Streets Prudential Uniforms		65.24	
3681	RIVERSIDE COUNTY DEPARTMENT OF WASTE R	07/28/2021	Regular	0.00	529.02	109765

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Vendor Number / Payable # / Account Number	Vendor Name / Payable Type / Post Date / Account Name	Payable Description / Item Description	Payment Date / Payment Type / Discount Amount / Payable Amount / Distribution Amount	Payment Amount	Number
202105000169	Invoice	06/30/2021 DEPT SUPPLIES	0.00	529.02	
100-6050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	27.06		
100-6050-7070-003X	SPEC DEPT EXP - IA 3	DEPT SUPPLIES	94.46		
100-6050-7070-006A	SPEC DEPT EXP - IA 6A	DEPT SUPPLIES	393.00		
100-6050-7070-008A	SPEC DEPT EXP - IA 8A	DEPT SUPPLIES	14.50		
4413	RYAN STANTON	07/28/2021 Regular	0.00	1,022.20	109766
FINAL CHECK	Invoice	07/28/2021 FINAL WORKED HOURS	0.00	1,022.20	
100-0000-2105-0000	PAYROLL SUSPENSE	FINAL WORKED HOURS	1,022.20		
4413	RYAN STANTON	07/28/2021 Regular	0.00	795.45	109767
FINAL CHECK 2	Invoice	07/28/2021 COMPENSATION TO EMPLOYEE	0.00	795.45	
100-0000-2105-0000	PAYROLL SUSPENSE	COMPENSATION TO EMPLOYEE	795.45		
3498	SKM ENGINERRING LLC	07/28/2021 Regular	0.00	5,901.25	109768
21485	Invoice	06/30/2021 SCADA SERVICES	0.00	5,901.25	
700-4050-7068-0000	CONTRACTUAL SERVICES	SCADA SERVICES	3,867.52		
700-4050-7068-0000	CONTRACTUAL SERVICES	SCADA SERVICES	2,033.73		
3031	SMARTHIRE	07/28/2021 Regular	0.00	445.00	109769
51048	Invoice	06/30/2021 HIRING COSTS	0.00	445.00	
100-1240-6050-0000	RECRUITMENT AND HIRI	HIRING COSTS	445.00		
2309	SOUTH COAST AQMD	07/28/2021 Regular	0.00	582.74	109770
3848107	Invoice	07/29/2021 ANNUAL RENEWAL FEES	0.00	440.15	
700-4050-7022-002X	LICENSE, PERMITS, FEES	ANNUAL RENEWAL FEES	440.15		
3851477	Invoice	07/29/2021 EMISSIONS FEES	0.00	142.59	
700-4050-7022-002X	LICENSE, PERMITS, FEES	EMISSIONS FEES	142.59		
2311	SOUTHERN CALIFORNIA EDISON	07/28/2021 Regular	0.00	89,183.00	109771
07/29/12	Invoice	07/29/2021 ELECTRIC UTILITIES	0.00	89,183.00	
100-3250-7010-0000	UTILITIES	ELECTRIC UTILITIES	515.82		
100-3250-7010-008A	UTILITIES (IA 8A)	ELECTRIC UTILITIES	26.54		
100-3250-7010-014A	UTILITIES (IA 14A)	ELECTRIC UTILITIES	170.03		
100-3250-7010-014X	UTILITIES (IA 14)	ELECTRIC UTILITIES	44.66		
100-3250-7010-018X	UTILITIES (IA 18)	ELECTRIC UTILITIES	64.98		
100-3250-7010-019C	UTILITIES (IA 19C)	ELECTRIC UTILITIES	42.39		
100-6050-7010-0000	UTILITIES	ELECTRIC UTILITIES	48.08		
100-6050-7010-002X	UTILITIES IA 2	ELECTRIC UTILITIES	109.69		
100-6050-7010-008C	UTILITIES IA 8C	ELECTRIC UTILITIES	18.52		
100-6050-7010-008E	UTILITIES IA 8E	ELECTRIC UTILITIES	15.52		
100-6050-7010-014X	UTILITIES IA 14	ELECTRIC UTILITIES	16.51		
100-6050-7010-06A1	UTILITIES IA 6A1	ELECTRIC UTILITIES	28.96		
700-4050-7010-0000	UTILITIES	ELECTRIC UTILITIES	88,081.30		
2329	ST. FRANCIS ELECTRIC	07/28/2021 Regular	0.00	2,860.96	109772

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Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
16605148	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	1,120.00	
	100-3250-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	1,120.00		
16605149	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	1,354.00	
	100-3250-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	1,354.00		
16605150	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	386.96	
	100-3250-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES	386.96		
2382	T MOBILE	07/28/2021	Regular	0.00	2,730.00	109773
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
9454621006	Invoice	06/30/2021	DEPT SUPPLIES	0.00	360.00	
	100-2050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	360.00		
9455555916	Invoice	06/30/2021	DEPT SUPPLIES	0.00	480.00	
	100-2050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	480.00		
9455555917	Invoice	06/30/2021	DEPT SUPPLIES	0.00	480.00	
	100-2050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	480.00		
9455555918	Invoice	06/30/2021	DEPT SUPPLIES	0.00	480.00	
	100-2050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	480.00		
9455555919	Invoice	06/30/2021	DEPT SUPPLIES	0.00	480.00	
	100-2050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	480.00		
9455555920	Invoice	06/30/2021	DEPT SUPPLIES	0.00	450.00	
	100-2050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	450.00		
2416	THE PRESS-ENTERPRISE	07/28/2021	Regular	0.00	394.00	109774
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
0011466375	Invoice	06/30/2021	ADVERTISING	0.00	394.00	
	100-1150-7020-0000	ADVERTISING	ADVERTISING	394.00		
4293	THE RETAIL COACH, LLC	07/28/2021	Regular	0.00	3,750.00	109775
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
3681	Invoice	07/28/2021	Retail Coach Contract	0.00	3,750.00	
	100-1200-7068-0000	CONTRACTUAL SERVICES	Retail Coach Contract	3,750.00		
2430	TIME WARNER CABLE	07/28/2021	Regular	0.00	151.12	109776
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
0013594072021	Invoice	07/29/2021	BUILDING UTILITY	0.00	151.12	
	100-1230-7015-6040	TELEPHONE (POLICE DPT)	BUILDING UTILITY	151.12		
2430	TIME WARNER CABLE	07/28/2021	Regular	0.00	49.97	109777
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
0014188072021	Invoice	07/29/2021	BUILDING UTILITY	0.00	49.97	
	100-1230-7015-6055	TELEPHONE (MAPLE AVE)	BUILDING UTILITY	49.97		
2465	UNION PACIFIC RAILROAD	07/28/2021	Regular	0.00	4,772.56	109778
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
90106520	Invoice	06/30/2021	PLAN REVIEW TO WIDEN PENNSYLVANIA	0.00	4,205.75	
	500-0000-7068-0000	CONTRACTUAL SERVICE	PLAN REVIEW TO WIDEN PENNS	4,205.75		
90109231	Invoice	06/30/2021	PLAN REVIEW TO WIDEN PENNSYLVANIA	0.00	566.81	
	500-0000-7068-0000	CONTRACTUAL SERVICE	PLAN REVIEW TO WIDEN PENNS	566.81		
2518	VULCAN MATERIALS	07/28/2021	Regular	0.00	78.73	109779

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
72927249	Invoice	06/30/2021	ASPHALT	0.00	78.73	
	100-3250-7070-0000	SPECIAL DEPT SUPPLIES	ASPHALT	78.73		
3422	WAXIE SANITARY SUPPLY	07/28/2021	Regular	0.00	999.98	109780
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
80022911	Invoice	06/30/2021	BUILDING MAINTENANCE	0.00	2.79	
	100-6000-7085-6040	BLDG MAINT - POLICE DE	BUILDING MAINTENANCE	2.79		
80051451	Invoice	06/30/2021	BUILDING MAINTENANCE	0.00	771.27	
	100-6000-7085-6040	BLDG MAINT - POLICE DE	BUILDING MAINTENANCE	771.27		
80064863	Invoice	06/30/2021	BUILDING MAINTENANCE	0.00	208.86	
	100-6000-7085-6040	BLDG MAINT - POLICE DE	BUILDING MAINTENANCE	208.86		
80064874	Invoice	06/30/2021	BUILDING MAINTENANCE	0.00	17.06	
	100-6000-7085-6040	BLDG MAINT - POLICE DE	BUILDING MAINTENANCE	17.06		
2535	WEAVER GRADING, INC	07/28/2021	Regular	0.00	60,200.00	109781
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
21-0614	Invoice	06/30/2021	STEWART PARK POOL & PAVILION DEMO	0.00	60,200.00	
	500-0000-8990-0000	CAPITAL OUTLAY	STEWART PARK POOL & PAVILIO	60,200.00		
2555	XYLEM DEWATERING SOLUTIONS U.S.A INC	07/28/2021	Regular	0.00	8,445.18	109782
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
401098603	Invoice	06/30/2021	MARSHALL LIFT STATION PUMP RENTAL	0.00	8,445.18	
	700-4050-7075-0000	EQUIPMENT LEASING/RE	MARSHALL LIFT STATION PUMP	8,445.18		
2556	XYLEM WATER SOLUTIONS, INC	07/28/2021	Regular	0.00	39,635.93	109783
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
3556B79246	Invoice	06/30/2021	LOWER OAK PUMP REPAIR	0.00	39,635.93	
	700-4050-7090-019C	EQUIPMENT SUPPLIES/M	LOWER OAK PUMP REPAIR	39,635.93		

Bank Code APBNK Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	120	47	0.00	483,271.66
Manual Checks	0	0	0.00	0.00
Voided Checks	0	3	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	1	1	0.00	5,109.00
	121	**51**	**0.00**	**488,380.66**

All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	120	47	0.00	483,271.66
Manual Checks	0	0	0.00	0.00
Voided Checks	0	3	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	1	1	0.00	5,109.00
	121	**51**	**0.00**	**488,380.66**

Fund Summary

Fund	Name	Period	Amount
999	POOLED CASH	7/2021	488,380.66
			488,380.66

AGENDA ITEM NO.

BEAUMONT
CALIFORNIA

WARRANTS TO BE RATIFIED

Thursday, August 05, 2021

Printed Checks	109857-109858	$	117.10		Utility Refunds
	109785-109856	$	164,350.13	FY 20/21	
		$	112,197.41	FY 21/22	
ACH	469-470	$	1,837,466.32	FY 20/21	
	A/P Total	$	2,114,013.86		
Bank Drafts	Global Payments	$	15,263.82	Credit Card Fees	
	Affant	$	947.75	Aug-21	
	Kaiser Foundation	$	178.00	HSA/Paydate 07/30/21	
	Authnet Gateway	$	61.00	Credit Card Processing Fees	
	Guardian	$	24,415.43	Aug-21	
Payroll	Paychex	$	512,282.86	Paydate 07/30/2021	

I DO HEREBY CERTIFY THIS WARRANT LIST HAS BEEN COMPILED AND PREPARED TO MEET THE DAILY OPERATIONS FOR THE FISCAL YEAR JULY 1, 2021 - JUNE 30, 2022

SIGNATURE: _____
TITLE: CITY TREASURER

SIGNATURE: _____
TITLE: FINANCE DIRECTOR

AGENDA ITEM NO.

BEAUMONT
CALIFORNIA

WARRANTS TO BE RATIFIED

Thursday, August 05, 2021

Printed Checks	109857-109858	$ 117.10		Utility Refunds
	109785-109856	$ 164,350.13	FY 20/21	
		$ 112,197.41	FY 21/22	
ACH	469-470	$ 1,837,466.32	FY 20/21	
	A/P Total	$ 2,114,013.86		
Bank Drafts	Global Payments	$ 15,263.82	Credit Card Fees	
	Affant	$ 947.75	Aug-21	
	Kaiser Foundation	$ 178.00	HSA Paydate 07/30/21	
	Authnet Gateway	$ 61.00	Credit Card Processing Fees	
	Guardian	$ 24,415.43	Aug-21	
Payroll	Paychex	$ 512,282.86	Paydate 07/30/2021	

I DO HEREBY CERTIFY THIS WARRANT LIST HAS BEEN COMPILED AND PREPARED TO MEET THE DAILY OPERATIONS FOR THE FISCAL YEAR JULY 1, 2021 - JUNE 30, 2022

SIGNATURE: _____
TITLE: CITY TREASURER

SIGNATURE: _____
TITLE: FINANCE DIRECTOR

City of Beaumont, CA

Check Report

By Check Number

Date Range: 07/30/2021 - 08/05/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: APBNK-AP Bank						
3503	CITIZENS BUSINESS BANK	08/05/2021	EFT	0.00	91,873.32	469
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
APPLICATION 30	Invoice	06/30/2021	W LYLES RETENTION ESCROW	0.00	91,873.32	
	710-0000-8030-0000	CAPITAL IMPROVEMENT	W LYLES RETENTION ESCROW	91,873.32		
3396	W.M. LYLES CO.	08/05/2021	EFT	0.00	1,745,593.00	470
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
APPLICATION 30	Invoice	06/30/2021	WWTP SALT MITIGATION UPGRADE - CON	0.00	1,745,593.00	
	710-0000-7068-0000	CONTRACTUAL SERVICE	WWTP SALT MITIGATION	2,356,595.08		
	710-0000-8030-0000	CAPITAL IMPROVEMENT	WWTP SALT MITIGATION UPGR	-611,002.08		
4416	CRYSTAL RIOS	07/30/2021	Regular	0.00	396.46	109785
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
7/30/2021	Invoice	07/30/2021	PAYROLL CORRECTION	0.00	396.46	
	100-0000-2105-0000	PAYROLL SUSPENSE	PAYROLL CORRECTION	396.46		
4415	SERGIO BRISENO	07/30/2021	Regular	0.00	698.50	109786
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
7/30/2021	Invoice	07/30/2021	PAYROLL CORRECTION	0.00	698.50	
	100-0000-2105-0000	PAYROLL SUSPENSE	PAYROLL CORRECTION	698.50		
1027	AFFANT COMMUNICATION	08/05/2021	Regular	0.00	5,395.00	109787
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
105756	Invoice	06/30/2021	EQUIPMENT MAINTENANCE	0.00	5,395.00	
	100-1230-7090-0000	EQUIPMENT SUPPLIES/M	EQUIPMENT MAINTENANCE	5,395.00		
1050	AMAZON CAPITAL SERVICES	08/05/2021	Regular	0.00	2,938.79	109788
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
1361-WDMR-7F3	Invoice	08/05/2021	DEPT SUPPLIES	0.00	578.28	
	100-6000-7070-6045	SPEC DEPT EXP- COMMU	DEPT SUPPLIES	192.76		
	100-6050-7070-5050	SPEC DEPT EXP - DEFORG	DEPT SUPPLIES	192.76		
	100-6050-7070-5150	SPEC DEPT EXP - MOUNT	DEPT SUPPLIES	96.38		
	100-6050-7070-5750	SPECIAL DEPT SUPPLIES (	DEPT SUPPLIES	96.38		
14T3-VJVK-9GRL	Invoice	06/30/2021	DEPT SUPPLIES	0.00	123.86	
	700-4050-7070-0000	SPECIAL DEPT SUPPLIES	DEPT SUPPLIES	123.86		
1HN4-MM99-1N	Invoice	08/05/2021	COMPUTER SUPPLIES	0.00	1,745.55	
	100-1230-7072-0000	COMPUTER SUPPLIES/MA	COMPUTER SUPPLIES	1,745.55		
1RYN-C6QG-4KG	Invoice	08/05/2021	DEPT SUPPLIES	0.00	176.54	
	100-6000-7070-6045	SPEC DEPT EXP- COMMU	DEPT SUPPLIES	176.54		
1TXK-7HPL-QGCV	Invoice	08/05/2021	COMMUNITY EVENT SUPPLIES	0.00	21.50	
	100-1550-7040-0000	RECREATION PROGRAMS	COMMUNITY EVENT SUPPLIES	21.50		
1XVY-V4P6-XXHK	Invoice	08/05/2021	OFFICE SUPPLIES	0.00	293.06	
	100-1230-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	293.06		
3831	ANIMAL PEST MANAGEMENT SERVICES, INC	08/05/2021	Regular	0.00	2,154.00	109789

Vendor Number / Payable #	Vendor Name / Payable Type / Account Number	Post Date	Payment Date / Payable Description / Account Name	Payment Type / Item Description	Discount Amount / Discount Amount / Distribution Amount	Payment Amount / Payable Amount	Number
622878	Invoice	06/30/2021	Pest control for city buildings		0.00	685.00	
	100-6000-7068-6025		CONTRACTUAL SVC - CITY	Pest control for city buildings		130.00	
	100-6000-7068-6026		CONTRACTUAL SVC - CITY	Pest control for city buildings		65.00	
	100-6000-7068-6032		CONTRACTUAL SVC- CITY	Pest control for city buildings		45.00	
	100-6000-7068-6040		CONTRACTUAL SVC- POLI	Pest control for city buildings		75.00	
	100-6000-7068-6041		CONTRACTUAL SVC- POLI	Pest control for city buildings		45.00	
	100-6000-7068-6045		CONTRACTUAL SVC- COM	Pest control for city buildings		130.00	
	100-6000-7068-6055		CONTRACTUAL SVC- FIRE	Pest control for city buildings		65.00	
	750-7000-7068-0000		CONTRACTUAL SERVICES	Pest control for city buildings		65.00	
	750-7300-7068-0000		CONTRACTUAL SERVICES	Pest control for city buildings		65.00	
622879	Invoice	06/30/2021	Pest control for city buildings		0.00	685.00	
	100-6000-7068-6025		CONTRACTUAL SVC - CITY	Pest control for city buildings		130.00	
	100-6000-7068-6026		CONTRACTUAL SVC - CITY	Pest control for city buildings		65.00	
	100-6000-7068-6032		CONTRACTUAL SVC- CITY	Pest control for city buildings		45.00	
	100-6000-7068-6040		CONTRACTUAL SVC- POLI	Pest control for city buildings		75.00	
	100-6000-7068-6041		CONTRACTUAL SVC- POLI	Pest control for city buildings		45.00	
	100-6000-7068-6045		CONTRACTUAL SVC- COM	Pest control for city buildings		130.00	
	100-6000-7068-6055		CONTRACTUAL SVC- FIRE	Pest control for city buildings		65.00	
	750-7000-7068-0000		CONTRACTUAL SERVICES	Pest control for city buildings		65.00	
	750-7300-7068-0000		CONTRACTUAL SERVICES	Pest control for city buildings		65.00	
642972	Invoice	06/30/2021	Pest control for city buildings		0.00	275.00	
	100-6000-7068-6025		CONTRACTUAL SVC - CITY	Pest control for city buildings		52.20	
	100-6000-7068-6026		CONTRACTUAL SVC - CITY	Pest control for city buildings		26.09	
	100-6000-7068-6032		CONTRACTUAL SVC- CITY	Pest control for city buildings		18.07	
	100-6000-7068-6040		CONTRACTUAL SVC- POLI	Pest control for city buildings		30.11	
	100-6000-7068-6041		CONTRACTUAL SVC- POLI	Pest control for city buildings		18.07	
	100-6000-7068-6045		CONTRACTUAL SVC- COM	Pest control for city buildings		52.19	
	100-6000-7068-6055		CONTRACTUAL SVC- FIRE	Pest control for city buildings		26.09	
	750-7000-7068-0000		CONTRACTUAL SERVICES	Pest control for city buildings		26.09	
	750-7300-7068-0000		CONTRACTUAL SERVICES	Pest control for city buildings		26.09	
649175	Invoice	06/30/2021	Pest control for city buildings		0.00	275.00	
	100-6000-7068-6025		CONTRACTUAL SVC - CITY	Pest control for city buildings		52.20	
	100-6000-7068-6026		CONTRACTUAL SVC - CITY	Pest control for city buildings		26.09	
	100-6000-7068-6032		CONTRACTUAL SVC- CITY	Pest control for city buildings		18.07	
	100-6000-7068-6040		CONTRACTUAL SVC- POLI	Pest control for city buildings		30.11	
	100-6000-7068-6041		CONTRACTUAL SVC- POLI	Pest control for city buildings		18.07	
	100-6000-7068-6045		CONTRACTUAL SVC- COM	Pest control for city buildings		52.19	
	100-6000-7068-6055		CONTRACTUAL SVC- FIRE	Pest control for city buildings		26.09	
	750-7000-7068-0000		CONTRACTUAL SERVICES	Pest control for city buildings		26.09	
	750-7300-7068-0000		CONTRACTUAL SERVICES	Pest control for city buildings		26.09	
649922	Invoice	06/30/2021	PROFESSIONAL SERVICES		0.00	117.00	
	700-4050-7068-0000		CONTRACTUAL SERVICES	PROFESSIONAL SERVICES		117.00	
649923	Invoice	08/05/2021	PROFESSIONAL SERVICES		0.00	117.00	
	700-4050-7068-0000		CONTRACTUAL SERVICES	PROFESSIONAL SERVICES		117.00	
4414	ARCTIC COOL REFRIGERATION		08/05/2021	Regular	0.00	5,513.92	109790
3833	Invoice	08/05/2021	EQUIPMENT MAINTENANCE		0.00	5,513.92	
	100-6000-8040-0000		EQUIPMENT	EQUIPMENT MAINTENANCE		5,513.92	
3661	ARROWHEAD GROUP INC		08/05/2021	Regular	0.00	50.00	109791
30248	Invoice	08/05/2021	PROFESSIONAL SERVICES		0.00	50.00	
	100-6050-7068-6055		CONTRACTUAL SVC- FIRE	PROFESSIONAL SERVICES		50.00	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
1100	AUTOZONE	08/05/2021	Regular	0.00	96.94	109792
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
2882797711	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	96.94	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	96.94		
4418	AYSO REGION 641	08/05/2021	Regular	0.00	140.00	109793
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
RCT R01171719	Invoice	08/05/2021	DEPOSIT REFUNDS	0.00	140.00	
	100-0000-4591-0000	PARKS RENTAL	DEPOSIT REFUNDS	140.00		
1005	A-Z BUS SALES,INC.	08/05/2021	Regular	0.00	1,264.57	109794
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
01P707024	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	33.30	
	750-7900-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	33.30		
01P707168	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	388.56	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	388.56		
01P707629	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	505.63	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	505.63		
01P707880	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	337.08	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	337.08		
1195	CALFIRE OAK GLEN CAMP	08/05/2021	Regular	0.00	1,814.24	109795
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
3PJ0H015	Invoice	08/05/2021	WEED ABATEMENT	0.00	680.34	
	100-6050-7156-0016	WEED ABATEMENT - IA 1	WEED ABATEMENT	680.34		
3PJ0H016	Invoice	08/05/2021	WEED ABATEMENT	0.00	1,133.90	
	100-6050-7156-006A	WEED ABATEMENT - IA 0	WEED ABATEMENT	1,133.90		
3780	CDCE INCORPORATED	08/05/2021	Regular	0.00	2,942.22	109796
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
138680	Invoice	06/30/2021	COMPUTER MAINTENANCE	0.00	2,942.22	
	100-1230-7072-0000	COMPUTER SUPPLIES/MA	COMPUTER MAINTENANCE	2,942.22		
1279	CIGNA HEALTH CARE	08/05/2021	Regular	0.00	11,357.87	109797
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
2860997	Invoice	08/05/2021	EMPLOYEE INSURANCE	0.00	11,357.87	
	100-1200-6020-0000	HEALTH INSURANCE	EMPLOYEE INSURANCE	1,707.95		
	100-2050-6020-0000	HEALTH INSURANCE	EMPLOYEE INSURANCE	4,526.06		
	100-6050-6020-0000	HEALTH INSURANCE	EMPLOYEE INSURANCE	3,415.91		
	700-4050-6020-0000	HEALTH INSURANCE	EMPLOYEE INSURANCE	1,707.95		
1282	CINTAS CORPORATION #698	08/05/2021	Regular	0.00	270.23	109798
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
5070751271	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	270.23	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	270.23		
1302	CLINICAL LABORATORY OF SAN BERNARDINO, I	08/05/2021	Regular	0.00	7,289.00	109799
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
2100702	Invoice	06/30/2021	WWTP Laboratory Testing Services	0.00	7,289.00	
	700-4050-7068-0000	CONTRACTUAL SERVICES	WWTP LAB SERVICES	7,289.00		

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
3673	COMPLETE PAPERLESS SOLUTIONS, LLC	08/05/2021	Regular	0.00	8,600.00	109800

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
3392	Invoice	08/05/2021	Laserfiche Annual Support	0.00	8,600.00
	100-1230-7071-0000	SOFTWARE	Laserfiche Annual Support	8,600.00	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
3591	CONTROLLED MOTION SOLUTIONS, INC	08/05/2021	Regular	0.00	96.93	109801

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
01413323	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	96.93
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	96.93	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
1344	CREATIVE BUS SALES, INC	08/05/2021	Regular	0.00	973.43	109802

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
5215676	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	260.64
	750-7400-7037-0000	VEHICLE MAINTENANCE	DEPT SUPPLIES	260.64	
5217215	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	324.76
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	324.76	
5217467	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	388.03
	750-7400-7037-0000	VEHICLE MAINTENANCE	DEPT SUPPLIES	388.03	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
1398	DEPARTMENT OF ENVIORNMENTAL HEALTH	08/05/2021	Regular	0.00	3,774.17	109803

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
APR-JUN 2021	Invoice	06/30/2021	VECTOR CONTROL	0.00	3,774.17
	100-2030-7039-0000	CODE ENFORCEMENT	VECTOR CONTROL	3,774.17	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
1399	DEPARTMENT OF FORESTRY & FIRE PROTECTIC	08/05/2021	Regular	0.00	11,112.22	109804

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
3PJ0H001	Invoice	06/30/2021	Weed abatement for Cherry Creek	0.00	3,855.26
	100-6050-7156-0000	WEED ABATEMENT	Weed abatement for Cherry Cre	1,284.91	
	100-6050-7156-008A	WEED ABATEMENT - IA 0	Weed abatement for Cherry Cre	2,570.35	
3PJ0H002	Invoice	06/30/2021	Weed abatement at Marshall Creek for Fir	0.00	4,308.82
	100-6050-7156-0000	WEED ABATEMENT	Weed abatement at Marshall Cr	4,308.82	
3PJ0H003	Invoice	06/30/2021	Weed abatement for Seneca Springs for fi	0.00	2,948.14
	100-6050-7156-006A	WEED ABATEMENT - IA 0	Weed abatement for Seneca Spr	2,948.14	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
1479	ENTENMANN-ROVIN CO	08/05/2021	Regular	0.00	501.95	109805

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
0159887-IN	Invoice	08/05/2021	EMPLOYEE UNIFORMS	0.00	501.95
	100-2050-7065-0000	UNIFORMS	EMPLOYEE UNIFORMS	501.95	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
1501	FAIRVIEW FORD	08/05/2021	Regular	0.00	634.37	109806

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**	
816565	Credit Memo	08/05/2021	VEHICLE MAINTENANCE	0.00	-1,080.00
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	-1,080.00	
816566	Credit Memo	08/05/2021	VEHICLE MAINTENANCE	0.00	-1,080.00
	750-8300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	-1,080.00	
816843	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	35.38
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	35.38	
818283	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	261.77
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	261.77	
C87458	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	2,497.22

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
	100-2050-7037-0000 VEHICLE MAINTENANCE		VEHICLE MAINTENANCE		2,497.22	
1518	FLYERS ENERGY	08/05/2021	Regular	0.00	2,463.26	109807
Payable #	Payable Type / Account Number	Post Date / Account Name	Payable Description / Item Description	Discount Amount / Distribution Amount	Payable Amount	
CFS-2672362	Invoice	06/30/2021	FUEL EXPENSE	0.00	1,589.85	
	750-7600-7050-0000	FUEL	FUEL EXPENSE		183.90	
	750-7900-7050-0000	FUEL	FUEL EXPENSE		271.63	
	750-8000-7050-0000	FUEL	FUEL EXPENSE		202.40	
	750-8300-7050-0000	FUEL	FUEL EXPENSE		931.92	
CFS-2691742	Invoice	08/05/2021	FUEL EXPENSE	0.00	873.41	
	750-7600-7050-0000	FUEL	FUEL EXPENSE		139.79	
	750-7800-7050-0000	FUEL	FUEL EXPENSE		232.92	
	750-7900-7050-0000	FUEL	FUEL EXPENSE		282.26	
	750-8300-7050-0000	FUEL	FUEL EXPENSE		218.44	
1522	FOX OCCUPATIONAL	08/05/2021	Regular	0.00	1,450.00	109808
Payable #	Payable Type / Account Number	Post Date / Account Name	Payable Description / Item Description	Discount Amount / Distribution Amount	Payable Amount	
129054	Invoice	06/30/2021	HIRING COSTS	0.00	1,450.00	
	100-1240-6050-0000	RECRUITMENT AND HIRI	HIRING COSTS		1,450.00	
1533	FRONTIER COMMUNICATIONS	08/05/2021	Regular	0.00	2,942.26	109809
Payable #	Payable Type / Account Number	Post Date / Account Name	Payable Description / Item Description	Discount Amount / Distribution Amount	Payable Amount	
213-181-1343-03	Invoice	08/05/2021	PHONE UTILTIY	0.00	69.47	
	700-4050-7015-0000	TELEPHONE	PHONE UTILTIY		69.47	
323-156-8188-02	Invoice	08/05/2021	PHONE UTILTIY	0.00	85.98	
	100-1230-7015-6060	TELEPHONE (4th ST YARD	PHONE UTILTIY		85.98	
951-197-0835-05	Invoice	08/05/2021	PHONE UTILTIY	0.00	812.62	
	700-4050-7015-0000	TELEPHONE	PHONE UTILTIY		812.62	
951-769-8500-01	Invoice	08/05/2021	PHONE UTILTIES	0.00	1,361.87	
	100-1230-7015-6040	TELEPHONE (POLICE DPT)	PHONE UTILTIES		1,361.87	
951-769-8520-01	Invoice	08/05/2021	PHONE UTILITY	0.00	207.03	
	100-1230-7015-6025	TELEPHONE (CITY HALL)	PHONE UTILITY		207.03	
951-769-8530-06	Invoice	08/05/2021	PHONE UTILTIY	0.00	237.96	
	750-7000-7015-0000	TELEPHONE	PHONE UTILTIY		237.96	
951-769-8539-04	Invoice	08/05/2021	PHONE UTILTIY	0.00	167.33	
	100-1230-7015-6045	TELEPHONE (COMM CTR)	PHONE UTILTIY		167.33	
4295	GOTIME CONTROL INC	08/05/2021	Regular	0.00	2,198.10	109810
Payable #	Payable Type / Account Number	Post Date / Account Name	Payable Description / Item Description	Discount Amount / Distribution Amount	Payable Amount	
20-0729-029	Invoice	08/05/2021	SOFTWARE	0.00	2,198.10	
	100-6050-7090-5400	EQUIP SUPPLIES/MAINT -	SOFTWARE		1,099.05	
	100-6050-7090-5500	SPEC DEPT EXP - STEWAR	SOFTWARE		1,099.05	
3906	GUY THOMAS	08/05/2021	Regular	0.00	500.00	109811
Payable #	Payable Type / Account Number	Post Date / Account Name	Payable Description / Item Description	Discount Amount / Distribution Amount	Payable Amount	
357489	Invoice	06/30/2021	PROFESSIONAL SERVICES	0.00	500.00	
	700-4050-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES		500.00	
4181	HASA, INC	08/05/2021	Regular	0.00	2,201.28	109812

Vendor Number / Payable # / Account Number	Vendor Name / Payable Type / Account Name	Post Date / Payable Description / Item Description	Payment Date / Payment Type / Discount Amount / Payable Amount / Distribution Amount	Discount Amount	Payment Amount	Number
			Payment Date	**Payment Type**	**Discount Amount**	**Payment Amount**	**Number**
Payable #	**Payable Type**	**Post Date**	**Payable Description**		**Discount Amount**	**Payable Amount**	
Account Number		**Account Name**	**Item Description**		**Distribution Amount**		
765305	Invoice	08/05/2021	DEPT SUPPLIES		0.00	2,201.28	
700-4050-7070-0000		SPECIAL DEPT SUPPLIES	DEPT SUPPLIES		2,201.28		
1610	HDL COREN & CONE		08/05/2021	Regular	0.00	695.00	109813
SIN010443	Invoice	08/05/2021	2021-21 ACFR STATISTICAL PACKAGE		0.00	695.00	
100-1225-7068-0000		CONTRACTUAL SERVICES	2021-21 ACFR STATISTICAL PACK		695.00		
1612	HEARD'S INVESTIGATIONS AND POLYGRAPH LL		08/05/2021	Regular	0.00	525.00	109814
7124	Invoice	08/05/2021	HIRING COSTS		0.00	525.00	
100-1240-6050-0000		RECRUITMENT AND HIRI	HIRING COSTS		525.00		
1638	HOWARD'S		08/05/2021	Regular	0.00	631.00	109815
2263	Invoice	08/05/2021	WEED ABATEMENT		0.00	488.00	
100-2030-7039-0000		CODE ENFORCEMENT	WEED ABATEMENT		488.00		
2264	Invoice	08/05/2021	WEED ABATEMENT		0.00	143.00	
100-2030-7039-0000		CODE ENFORCEMENT	WEED ABATEMENT		143.00		
1657	IN GEAR TECHNOLOGY		08/05/2021	Regular	0.00	31.20	109816
07/22/21	Invoice	08/05/2021	VEHICLE MAINTENANCE		0.00	31.20	
100-2050-7037-0000		VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		31.20		
2527	JESUS CAMACHO		08/05/2021	Regular	0.00	120.00	109817
577179	Invoice	08/05/2021	VEHICLE MAINTENANCE		0.00	120.00	
100-2030-7037-0000		VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		120.00		
1806	KONICA MINOLTA PREMIER FINANCE		08/05/2021	Regular	0.00	7,629.83	109818
449193218	Invoice	08/05/2021	EQUIPMENT RENTAL		0.00	7,629.83	
100-1230-7075-6025		EQUIPMENT LEASING/RE	EQUIPMENT RENTAL		1,907.45		
100-1230-7075-6026		EQUIPMENT LEASING/RE	EQUIPMENT RENTAL		953.73		
100-1230-7075-6040		EQUIPMENT LEASING/RE	EQUIPMENT RENTAL		1,907.46		
100-1230-7075-6041		EQUIPMENT LEASING/RE	EQUIPMENT RENTAL		953.73		
700-4050-7075-0000		EQUIPMENT LEASING/RE	EQUIPMENT RENTAL		953.73		
750-7000-7075-0000		EQUIPMENT LEASING/RE	EQUIPMENT RENTAL		953.73		
4399	KRISTEN R VANDERPOOL		08/05/2021	Regular	0.00	126.00	109819
002	Invoice	08/05/2021	COMMUNITY EVENT PROGRAM		0.00	126.00	
100-1550-7040-0000		RECREATION PROGRAMS	COMMUNITY EVENT PROGRAM		126.00		
1857	LIEBERT CASSIDY WHITMORE		08/05/2021	Regular	0.00	5,485.00	109820
201391	Invoice	06/30/2021	LEGAL SERVICES - SEIU NEGOTIATIONS - 2		0.00	38.00	
100-1300-7068-000B		CONTRACTUAL SERVICES	LEGAL SERVICES - SEIU NEGOTIA		38.00		
201392	Invoice	06/30/2021	LEGAL SERVICES - SEIU SALARY GRIEVANC		0.00	4,497.00	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
	100-1300-7068-000B	CONTRACTUAL SERVICES	LEGAL SERVICES - SEIU SALARY		4,497.00	
201393	Invoice	06/30/2021	LEGAL SERVICES - POA NEGOTIATIONS 20	0.00	950.00	
	100-1300-7068-000B	CONTRACTUAL SERVICES	LEGAL SERVICES - POA NEGOTIA		950.00	
1118	MSC INDUSTRIAL SUPPLY CO	08/05/2021	Regular	0.00	548.04	109821
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**		**Distribution Amount**	
4746316001	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	516.95	
	750-7300-7037-0000	VEHICLE MAINTENANCE	DE		516.95	
4746316003	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	24.16	
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		24.16	
4746316004	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	6.93	
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		6.93	
3024	MUNICIPAL CODE CORPORATION	08/05/2021	Regular	0.00	6,094.00	109822
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**		**Distribution Amount**	
00361472	Invoice	08/05/2021	PROFESSIONAL SERVICES	0.00	6,094.00	
	100-1150-7068-0000	CONTRACTUAL SERVICES	PROFESSIONAL SERVICES		6,094.00	
4419	NANETTE SICAIROS	08/05/2021	Regular	0.00	40.00	109823
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**		**Distribution Amount**	
RCT R01171719	Invoice	08/05/2021	DEPOSIT REFUND	0.00	40.00	
	100-0000-4591-0000	PARKS RENTAL	DEPOSIT REFUND		40.00	
1984	NAPA AUTO PARTS	08/05/2021	Regular	0.00	1,404.76	109824
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**		**Distribution Amount**	
157509	Invoice	08/05/2021	EQUIPMENT MAINTENANCE	0.00	171.23	
	100-6050-7090-0000	EQUIPMENT SUPPLIES/M	EQUIPMENT MAINTENANCE		171.23	
157538	Credit Memo	08/05/2021	VEHICLE MAINTENANCE	0.00	-29.09	
	100-6050-7090-0000	EQUIPMENT SUPPLIES/M	VEHICLE MAINTENANCE		-29.09	
157923	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	82.60	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		82.60	
157931	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	2.68	
	750-7900-7037-0000	VEHICLE MAINTENANCE	PHONE UTILTIY		2.68	
157994	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	273.59	
	750-7100-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		273.59	
158182	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	32.30	
	750-7800-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		32.30	
158206	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	317.84	
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		317.84	
158216	Credit Memo	08/05/2021	VEHICLE MAINTENANCE	0.00	-111.76	
	750-7100-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		-111.76	
158337	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	10.72	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		10.72	
158386	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	150.48	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		150.48	
158438	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	5.97	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		5.97	
158511	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	121.94	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		121.94	
158513	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	16.90	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		16.90	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
158652	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	23.68	
	750-7900-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		23.68	
159079	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	71.03	
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		71.03	
159203	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	167.74	
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		167.74	
159222	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	96.91	
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		96.91	
	Void	08/05/2021	Regular	0.00	0.00	109825
4180	NOELGOETZ	08/05/2021	Regular	0.00	250.00	109826
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
005 BMNT	Invoice	08/05/2021	PROFESSIONAL SERVICES	0.00	250.00	
	100-6050-7068-5000	CONTRACT SVC - THREE R	PROFESSIONAL SERVICES		125.00	
	100-6050-7068-5350	CONTRACT SVC - SHADO	PROFESSIONAL SERVICES		125.00	
3538	NUCKLES OIL COMPANY INC	08/05/2021	Regular	0.00	272.47	109827
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
655037	Invoice	08/05/2021	FUEL EXPENSE	0.00	272.47	
	700-4050-7050-0000	FUEL	FUEL EXPENSE		272.47	
2009	O'REILLY AUTO PARTS	08/05/2021	Regular	0.00	1,103.67	109828
Payable #	**Payable Type**	**Post Date**	**Payable Description**	**Discount Amount**	**Payable Amount**	
	Account Number	**Account Name**	**Item Description**	**Distribution Amount**		
2678-328384	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	26.06	
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		26.06	
2678-363965	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	9.88	
	100-6050-7090-0000	EQUIPMENT SUPPLIES/M	VEHICLE MAINTENANCE		9.88	
2678-364897	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	25.72	
	750-7900-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		25.72	
2678-364933	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	499.55	
	750-7800-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		499.55	
2678-365020	Credit Memo	08/05/2021	EQUIPMENT MAINTENANCE	0.00	-18.00	
	100-6050-7090-0000	EQUIPMENT SUPPLIES/M	EQUIPMENT MAINTENANCE		-18.00	
2678-365082	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	27.48	
	750-7900-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		27.48	
2678-365248	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	17.76	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		17.76	
2678-365735	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	159.13	
	750-8300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		159.13	
2678-366590	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	150.77	
	750-7400-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		150.77	
2678-366777	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	8.61	
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		8.61	
2678-366803	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	4.57	
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		4.57	
2678-367020	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	163.07	
	750-7600-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		163.07	
2678-367146	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	13.73	
	750-8300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		13.73	
2678-369299	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	15.34	
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		15.34	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
4422	PAMELA HOLLAND	08/05/2021	Regular	0.00	380.00	109829

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	Account Name	Item Description	Distribution Amount	
RCT R01173357	Invoice	08/05/2021	REFUND FOR FACILITY USAGE	0.00	380.00
	100-0000-4591-0000	PARKS RENTAL	REFUND FOR FACILITY USAGE	380.00	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
2039	PARKHOUSE TIRE, INC.	08/05/2021	Regular	0.00	2,998.56	109830

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	Account Name	Item Description	Distribution Amount	
2030201007	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	229.00
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	229.00	
2030202742	Invoice	06/30/2021	VEHICLE MAINTENANCE	0.00	170.00
	750-7300-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	170.00	
2030202838	Invoice	08/05/2021	EQUIPMENT MAINTENANCE	0.00	1,110.96
	100-6050-7090-0000	EQUIPMENT SUPPLIES/M	EQUIPMENT MAINTENANCE	1,110.96	
2030203246	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	280.21
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	280.21	
2030203327	Invoice	08/05/2021	VEHICLE MAINTENANCE	0.00	1,208.39
	100-6050-7037-0000	VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	1,208.39	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
3652	PRUDENTIAL OVERALL SUPPLY	08/05/2021	Regular	0.00	415.12	109831

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	Account Name	Item Description	Distribution Amount	
23177171	Invoice	06/30/2021	Uniform Rental and Cleaning	0.00	54.65
	750-7300-7065-0000	UNIFORMS	Uniform Rental and Cleaning	54.65	
23177181	Invoice	06/30/2021	Uniform Cleaning and Rental	0.00	88.59
	100-6050-7065-0000	UNIFORMS	Uniform Cleaning and Rental	88.59	
23186867	Invoice	08/05/2021	WW - Prudential Uniforms	0.00	89.43
	700-4050-7065-0000	UNIFORMS	WW - Prudential Uniforms	89.43	
23189956	Invoice	08/05/2021	Uniform Rental and Cleaning	0.00	93.02
	100-6050-7065-0000	UNIFORMS	Uniform Rental and Cleaning	93.02	
23189960	Invoice	08/05/2021	WW - Prudential Uniforms	0.00	89.43
	700-4050-7065-0000	UNIFORMS	WW - Prudential Uniforms	89.43	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
2098	QUILL CORPORATON	08/05/2021	Regular	0.00	480.31	109832

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	Account Name	Item Description	Distribution Amount	
17744123	Invoice	06/30/2021	OFFICE SUPPLIES	0.00	63.71
	750-7000-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	63.71	
17823519	Invoice	08/05/2021	OFFICE SUPPLIES	0.00	208.91
	100-2050-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	208.91	
18117006	Invoice	08/05/2021	OFFICE SUPPLIES	0.00	207.69
	100-1200-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	184.84	
	100-3250-7025-0000	OFFICE SUPPLIES	OFFICE SUPPLIES	22.85	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
3421	REDLANDS-YUCAIPA RENTALS, INC.	08/05/2021	Regular	0.00	1,357.17	109833

Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount
	Account Number	Account Name	Item Description	Distribution Amount	
387926	Invoice	06/30/2021	EQUIPMENT RENTAL	0.00	1,357.17
	100-6050-7075-06A1	EQUIP LEASING/RENTAL (I	EQUIPMENT RENTAL	1,357.17	

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
3681	RIVERSIDE COUNTY DEPARTMENT OF WASTE R	08/05/2021	Regular	0.00	1,114.09	109834

Vendor Number / Payable #	Vendor Name / Payable Type / Account Number	Post Date	Payment Date / Payable Description / Account Name	Payment Type / Item Description	Discount Amount / Discount Amount / Distribution Amount	Payment Amount / Payable Amount / Distribution Amount	Number
202104000169	Invoice	06/30/2021	DEPT SUPPLIES		0.00	371.36	
	100-6050-7070-0000		SPECIAL DEPT SUPPLIES	DEPT SUPPLIES		334.93	
	100-6050-7070-016X		SPEC DEPT EXP - IA 16	DEPT SUPPLIES		18.22	
	100-6050-7070-5000		SPEC DEPT EXP - THREE RI	DEPT SUPPLIES		18.21	
202106000169	Invoice	06/30/2021	DEPT SUPPLIES		0.00	742.73	
	100-6050-7070-006A		SPEC DEPT EXP - IA 6A	DEPT SUPPLIES		61.90	
	100-6050-7070-008A		SPEC DEPT EXP - IA 8A	DEPT SUPPLIES		43.55	
	100-6050-7070-008B		SPEC DEPT EXP - IA 8B	DEPT SUPPLIES		19.00	
	100-6050-7070-011A		SPEC DEPT EXP - IA 11A	DEPT SUPPLIES		14.50	
	100-6050-7070-014B		SPEC DEPT EXP - IA 14B	DEPT SUPPLIES		18.21	
	100-6050-7070-017A		SPEC DEPT EXP - IA 17A	DEPT SUPPLIES		7.25	
	100-6050-7070-020X		SPEC DEPT EXP - IA 20	DEPT SUPPLIES		91.73	
	100-6050-7070-5000		SPEC DEPT EXP - THREE RI	DEPT SUPPLIES		14.97	
	100-6050-7070-5150		SPEC DEPT EXP - MOUNT	DEPT SUPPLIES		14.96	
	100-6050-7070-5300		SPEC DEPT EXP - SENECA	DEPT SUPPLIES		43.06	
	100-6050-7070-5350		SPEC DEPT EXP - SHADO	DEPT SUPPLIES		14.96	
	100-6050-7070-5450		SPEC DEPT EXP - STETSON	DEPT SUPPLIES		28.10	
	100-6050-7070-6025		SPEC DEPT EXP - CITY HAL	DEPT SUPPLIES		370.54	
2165	RIVERSIDE COUNTY OFFICE OF EDUCATION		08/05/2021	Regular	0.00	2,313.01	109835
08/02/21	Invoice	06/30/2021	REFUND OF UUT DUE TO COMPANY BEIN		0.00	2,313.01	
	100-0000-4075-0000		UTILITY USERS TAX	REFUND OF UUT DUE TO COMP		2,313.01	
4199	ROGERS, ANDERSON, MALODY & SCOTT, LLP		08/05/2021	Regular	0.00	4,000.00	109836
66197	Invoice	08/05/2021	Annual Audit		0.00	4,000.00	
	100-1225-7068-0000		CONTRACTUAL SERVICES	Annual Audit		4,000.00	
2243	SANTA ANA WATERSHED PROJECT AUTHORITY		08/05/2021	Regular	0.00	23,283.00	109837
BMPTF2022-04	Invoice	08/05/2021	BASIN MONITORING PROGRAM FY 21/22		0.00	23,283.00	
	700-4050-7022-0000		LICENSE, PERMITS, FEES	BASIN MONITORING PROGRAM		23,283.00	
2260	SCOTT WALKER		08/05/2021	Regular	0.00	10.00	109838
RCT R01173193	Invoice	08/05/2021	DEPOSIT REFUND		0.00	10.00	
	100-0000-4591-0000		PARKS RENTAL	DEPOSIT REFUND		10.00	
2026	SECURITY SIGNAL DEVICES, INC		08/05/2021	Regular	0.00	1,847.40	109839
J-601001917	Invoice	08/05/2021	SECURITY SERVICES		0.00	1,678.40	
	700-4050-7070-0000		SPECIAL DEPT SUPPLIES	SECURITY SERVICES		1,678.40	
S-01044747	Invoice	06/30/2021	SECURITY SERVICES		0.00	169.00	
	100-6000-7087-6045		SECURITY - COMMUNITY	SECURITY SERVICES		169.00	
4420	STOP SIGNS AND MORE		08/05/2021	Regular	0.00	6,238.73	109840
118289	Invoice	06/30/2021	DEPT SUPPLIES		0.00	6,238.73	
	760-0000-7068-0000		CONTRACTUAL SERVICE	DEPT SUPPLIES		6,238.73	
4267	THERESA MICHEL INVESTIGATIONS		08/05/2021	Regular	0.00	4,650.00	109841

Vendor Number / Payable #	Vendor Name / Payable Type / Account Number	Post Date	Payment Date / Payable Description / Account Name	Payment Type / Item Description	Discount Amount / Distribution Amount	Payment Amount / Payable Amount	Number
			08/05/2021	Regular	0.00	2,805.27	109842
2430	TIME WARNER CABLE						
0241971072521	Invoice	08/05/2021	BUILDING UTILITY		0.00	2,805.27	
	100-1230-7015-6025		TELEPHONE (CITY HALL)	BUILDING UTILITY		2,805.27	
			08/05/2021	Regular	0.00	507.37	109843
2873	TPX COMMUNICATIONS						
145377383-0	Invoice	08/05/2021	PHONE UTILITY		0.00	507.37	
	100-1230-7015-6040		TELEPHONE (POLICE DPT)	PHONE UTILITY		507.37	
			08/05/2021	Regular	0.00	7,395.00	109844
2455	TURBOSCAPE, INC.						
11417	Invoice	06/30/2021	Wood Mulch Service		0.00	7,395.00	
	100-6050-7070-0000		SPECIAL DEPT SUPPLIES	Wood Mulch Service		7,395.00	
			08/05/2021	Regular	0.00	966.95	109845
2456	TURF STAR, INC.						
7182727-00	Invoice	08/05/2021	EQUIPMENT MAINTENANCE		0.00	439.66	
	100-6050-7090-0000		EQUIPMENT SUPPLIES/M	EQUIPMENT MAINTENANCE		439.66	
7183715-00	Invoice	08/05/2021	EQUIPMENT MAINTENANCE		0.00	527.29	
	100-6050-7090-0000		EQUIPMENT SUPPLIES/M	EQUIPMENT MAINTENANCE		527.29	
			08/05/2021	Regular	0.00	50.00	109846
2457	TYLER WORKS - TECHNOLOGIES						
025-342303	Invoice	08/05/2021	MONTHLY FEE		0.00	50.00	
	100-1230-7071-0000		SOFTWARE	MONTHLY FEE		50.00	
			08/05/2021	Regular	0.00	244.31	109847
2461	UNDERGROUND SERVICE ALERT						
720210051	Invoice	08/05/2021	DIG ALERT - SEWER		0.00	150.25	
	700-4050-7068-0000		CONTRACTUAL SERVICES	DIG ALERT - SEWER		150.25	
DSB20203557	Invoice	08/05/2021	DIG ALERT - SEWER		0.00	94.06	
	700-4050-7068-0000		CONTRACTUAL SERVICES	DIG ALERT - SEWER		94.06	
			08/05/2021	Regular	0.00	407.81	109848
3923	UPDOG MEDIA, LLC						
7560	Invoice	08/05/2021	VEHICLE MAINTENANCE		0.00	407.81	
	750-8300-7037-0000		VEHICLE MAINTENANCE	VEHICLE MAINTENANCE		407.81	
			08/05/2021	Regular	0.00	85,019.67	109849
4417	USEF CROSSROADS II, LLC						

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
07/13/21	Invoice	06/30/2021	REFUND PURSUAN TO THE CITY FEE CRED	0.00	85,019.67	
	556-0000-7900-0000	MITIGATION FEE REFUND	REFUND PURSUAN TO THE CITY	85,019.67		
2484	VERIZON	08/05/2021	Regular	0.00	7,057.94	109850
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
9884784063	Invoice	08/05/2021	PHONE UTILITY	0.00	2,493.75	
	100-1230-7015-0000	TELEPHONE	PHONE UTILITY	2,493.75		
9884985644	Invoice	08/05/2021	PHONE UTILITY	0.00	4,564.19	
	100-1230-7015-0000	TELEPHONE	PHONE UTILITY	3,783.77		
	700-4050-7015-0000	TELEPHONE	PHONE UTILITY	297.67		
	750-7000-7015-0000	TELEPHONE	PHONE UTILITY	482.75		
2490	VERIZON BUSINESS SERVICE	08/05/2021	Regular	0.00	1,579.36	109851
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
71894455	Invoice	08/05/2021	PHONE UTILITY	0.00	1,579.36	
	100-1230-7015-6040	TELEPHONE (POLICE DPT)	PHONE UTILITY	1,579.36		
3422	WAXIE SANITARY SUPPLY	08/05/2021	Regular	0.00	558.58	109852
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
80144738	Invoice	08/05/2021	BUILDING MAINTENANCE	0.00	558.58	
	100-6000-7085-6040	BLDG MAINT - POLICE DE	BUILDING MAINTENANCE	558.58		
4352	WILLIE NAKATANI	08/05/2021	Regular	0.00	2,720.00	109853
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
21041101	Invoice	06/30/2021	Graffiti removal from under Potrero Bridg	0.00	2,720.00	
	100-6050-7068-005X	CONTRACTUAL SVC IA 5	Graffiti removal from under Potr	2,720.00		
2911	WILMINGTON TRUST, N.A.	08/05/2021	Regular	0.00	2,000.00	109854
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
20210616-11029	Invoice	06/30/2021	BMT CFD 93-1 8F 2020 SPC TX FD	0.00	2,000.00	
	250-0000-7051-0000	TRUSTEE FEES	BMT CFD 93-1 8F 2020 SPC TX F	2,000.00		
4389	YOGA BY CYNDY	08/05/2021	Regular	0.00	274.40	109855
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description	Distribution Amount		
003	Invoice	08/05/2021	COMMUNITY EVENT	0.00	274.40	
	100-1550-7040-0000	RECREATION PROGRAMS	COMMUNITY EVENT	274.40		
2562	YUCAIPA BIKE CENTER	08/05/2021	Regular	0.00	11,147.81	109856

Vendor Number	Vendor Name		Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description		Discount Amount	Payable Amount	
	Account Number	Account Name	Item Description		Distribution Amount		
06/30/21	Invoice	06/30/2021	Purchase of 2 Ebikes and accessories		0.00	11,147.81	
	240-2355-7096-0000	JAG GRANT COSTS	Serfas TSL Police Lights and Wat			748.00	
	240-2355-7096-0000	JAG GRANT COSTS	Bulls Sentinel 1.0 Electric bike			10,399.81	

Bank Code APBNK Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	152	71	0.00	276,547.54
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	2	2	0.00	1,837,466.32
	154	**74**	**0.00**	**2,114,013.86**

All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	152	71	0.00	276,547.54
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	2	2	0.00	1,837,466.32
	154	**74**	**0.00**	**2,114,013.86**

Fund Summary

Fund	Name	Period	Amount
999	POOLED CASH	7/2021	1,094.96
999	POOLED CASH	8/2021	2,112,918.90
			2,114,013.86

CITY COUNCIL CLOSED & REGULAR SESSION

550 E. 6th Street, Beaumont, CA

Tuesday, August 03, 2021
Closed Session: 5:00 PM | Regular Meeting: 6:00 PM

Materials related to an item on this agenda submitted to the City Council after distribution of the agenda packets are available for public inspection in the City Clerk's office at 550 E. 6th Street during normal business hours

MINUTES

CLOSED SESSION - 5:00 PM

A Closed Session of the City Council / Beaumont Financing Authority / Beaumont Utility Authority / Beaumont Successor Agency (formerly RDA)/Beaumont Parking Authority / Beaumont Public Improvement Authority may be held in accordance with state law which may include, but is not limited to, the following types of items: personnel matters, labor negotiations, security matters, providing instructions to real property negotiators and conference with legal counsel regarding pending litigation. Any public comment on Closed Session items will be taken prior to the Closed Session. Any required announcements or discussion of Closed Session items or actions following the Closed Session with be made in the City Council Chambers.

CALL TO ORDER at 5:01 p.m.

Present: Mayor Lara, Mayor Pro Tem White, Council Member Martinez, Council Member Fenn, Council Member Santos

Public Comments Regarding Closed Session

No comments.

1. Conference with Real property Negotiator Pursuant to Government Code Section 54956.8 for Property Known as Portions of APNs 418-190-004, 418-190-005, and 418-190-006. Agency Negotiator: City Manager Todd Parton or his Designee. Negotiating Parties: City of Beaumont and Orum Capital. Under Negotiation: Price and Terms

   No reportable action.

2. Conference with Labor Negotiators - Pursuant to Government Code Section 54957.6 City Designated Representatives City Manager Todd Parton and Administrative Services Director Kari Mendoza. Employee Organizations: Beaumont Police Officers Association and SEIU

   No reportable action.

Adjourn to Regular Session

REGULAR SESSION - 6:00 PM

CALL TO ORDER at 6:02 p.m.

Present: Mayor Lara, Mayor Pro Tem White, Council Member Martinez, Council Member Fenn, Council Member Santos

Report out from Closed Session: *see above*
Action on any Closed Session Items: **None**
Action of any Requests for Excused Absence: **None**
Pledge of Allegiance
Invocation
Adjustments to the Agenda: **Moving Item 18 up on the agenda.**
Conflict of Interest Disclosure: **None**

ANNOUNCEMENTS/ RECOGNITION / PROCLAMATIONS / CORRESPONDENCE

1. **Purple Heart Day Recognition**

PUBLIC COMMENT PERIOD (ITEMS NOT ON THE AGENDA)

C. Schnitger - *Introduced himself as a policy director and resident of Beaumont.*
C. Brozowski - *Spoke regarding the Housing Element and stated her family owns vacant land and has been approached by a low income property development company to purchase the land. Asked to work with Council to rezone the property to a land use for low income housing.*

CONSENT CALENDAR
Items on the consent calendar are taken as one action item unless an item is pulled for further discussion here or at the end of action items. Approval of all Ordinances and Resolutions to be read by title only.

2. Approval of Minutes

Recommended Action:

Approve Minutes dated July 20, 2021.

3. Ratification of Warrants

Recommended Action:

Ratify warrants dated:
July 8, 2021, and
July 15, 2021.

4. Acceptance of Irrevocable Offer of Dedication of Easement for Streetlight Maintenance and Acceptance of Streetlight Maintenance in the Solera Community and Adopt a Resolution Authorizing the Mayor to Accept the Offer of Dedication for Street Light Maintenance in the Solera Community

   Recommended Action:

   Approve the Irrevocable Offer of Dedication of Easement for streetlight maintenance,
   Approve the Certificate of Acceptance of streetlight maintenance, and
   Adopt by title only, "A Resolution of the City of Beaumont Authorizing the Mayor to Accept the Offers of Dedication for Streetlight Maintenance in Solera."

5. Approve the Encroachment Agreement for the Installation of Monuments Within the Public Right-Of-Way, Located in the Oak Valley and SCPGA Golf Course Specific Plan

   Recommended Action:

   Approve the encroachment agreement for the installation of monuments within the public right-of-way, located in the Oak Valley and SCPGA Golf Course Specific Plan.

6. Second Reading of an Ordinance for a Proposed Amendment to Table 17.03-3 "Permitted Uses in Base Zone Districts" of the Beaumont Municipal Code Adding Additional Permitted Uses and Addition of Definitions to Chapter 17.14.030

   Recommended Action:

   Waive the second reading and adopt by title only, "An Ordinance of the City Council of the City Of Beaumont, California Amending Table 17.03-3 'Permitted Uses for Base Zone Districts' and Amending Chapter 17.14.030 'Definitions' of The Beaumont Municipal Code."

Motion by Council Member Santos
Second by Mayor Pro Tem White

To approve the Consent Calendar

Approved by a unanimous vote.

PUBLIC HEARINGS

Approval of all Ordinances and Resolutions to be read by title only.

7. Continuation of Appeal Hearing from the Final Order of Hearing Panel and Order to Abate Nuisance: Code Case 001038-2020 1421 Faircliff Street (APN 428-100-028)

   Appeal Hearing was continued from July 20, 2021.
   No public comments.

City Attorney John Pinkney read into the record the changes made to the resolution for consideration.

Appeal Hearing was closed at 6:20 p.m.

Motion by Mayor Pro Tem White
Second by Mayor Lara

To waive the full reading and adopt by title only, "A Resolution of the City Council of the City of Beaumont, California, Upholding the Decisions of the Haring Panel and Order to Abate Public Nuisance at 1421 Faircliff Street, Beaumont, California."

Approved by a unanimous vote.

8. Public Hearing to Consider the Placement of Delinquent Solid Waste Handling Service Charges on The Property Tax Roll

City Attorney John Pinkney recused himself for the item.

Public Hearing opened at 6:23 p.m.
No comments
Public Hearing closed at 6:23 p.m.

Motion by Mayor Pro Tem White
Second by Mayor Lara

To waive the full reading and adopt by title only, "A Resolution of the City Council of the City of Beaumont, California, Authorizing the Collection of Delinquent Solid Waste Handling Service Charges on the Property Tax Roll."

Approved by a 4-1 vote.

Ayes: Fenn, Martinez, White, Lara
Noes: Santos

9. Public Hearing to Consider the Placement of Delinquent Sewer Service Charges on The Property Tax Roll

Public Hearing opened at 6:35 p.m.
No comments
Public Hearing closed at 6:36 p.m.

Motion by Council Member Fenn
Second by Council Member Santos

To waive the full reading and adopt by title only, "A Resolution of the City Council of the City of Beaumont, California, Authorizing the Collection of Delinquent Sewage Service Fees and Charges on the Property Tax Roll."

Approved by a unanimous vote.

ACTION ITEMS

Approval of all Ordinances and Resolutions to be read by title only.

18. Public Safety Enterprise Communication

    City Attorney John Pinkney recused himself for this item.

    Consensus by Council to direct City staff to coordinate with the Riverside County Sheriff's Department the migration to the PSEC Radio System and bring the proposal back to City Council at a later time to include costs and timelines.

10. Cooperative Agreement between the Beaumont Unified School District and the City of Beaumont Regarding Delayed Offside Improvements Associated with the Beaumont High School Expansion Project

    Motion by Council Member Martinez
    Second by Council Member Fenn

    To authorize the Mayor to execute a Cooperative Agreement between the Beaumont Unified School District and the City of Beaumont regarding delayed offsite improvements associated with the Beaumont High School Expansion Project.

    Approved by a unanimous vote.

11. Approval of Purchase and Sale Agreement by and between the City of Beaumont and Orum Capital for Certain Real Property Located on East Fourth Street, East of Beaumont Avenue

    Motion by Mayor Pro Tem White
    Second by Council Member Fenn

    To approve the purchase and sale agreement as presented.

    Approved by a unanimous vote.

12. Award a Professional Services Agreement to SGH Architects for the Architectural Design for City Hall Renovations in an Amount Not to Exceed $191,000 and Authorize the City Manager to Sign Change Orders up to $20,000

    Motion by Council Member Fenn
    Second by Mayor Lara

    To award a Professional Services Agreement to SGH Architects, for the architectural design for the City Hall renovations in an amount not to exceed $191,000 and authorize the City Manager to sign change orders up to $20,000 for total contract amount not to exceed $211,000.

    Approved by a unanimous vote.

13. Award a Public Works Agreement to Zoran Construction Group, Inc., for the Demolition and Reinstallation of Bus Shelters and Concrete at the Beaumont Walmart Transit Center (CIP Project T-03) in an Amount Not to Exceed $72,500 and Authorize the City Manager to Sign Change Orders Up to $7,250

    Motion by Mayor Pro Tem White
    Second by Mayor Lara

    To approve a Public Works Agreement with Zoran Construction Group, Inc., in the amount of $72,500; Authorize a 10% contingency in the amount of $7,250; and Authorize the City Manager to execute the agreement on behalf of the City.

    Approved by a unanimous vote.

14. Multi-Jurisdictional Agreement between the City of Beaumont and the City of Calimesa Relating to the Provision of Sewer Services by the City of Beaumont to Certain Property Within the City of Calimesa (Country Club Village Project)

    Motion by Council Member Martinez
    Second by Mayor Lara

    To approve a Multi-Jurisdictional Agreement between the City of Beaumont and the City of Calimesa relating to the provision of Sewer Services by the City of Beaumont to certain property within the City of Calimesa (Country Club Village Project).

    Approved by a unanimous vote.

15. Authorize Employment Contract with Finance Director

    Motion by Mayor Pro Tem White
    Second by Council Member Santos

    To approve the employment contract with Jennifer Ustation and authorize the City Manager to sign the agreement.

    Approved by a unanimous vote.

16. Adopt Resolution of the City Council Ordering the Collection of Weed Abatement Charges and Directing the County Auditor to Collect Such Fees on the Tax Rolls

    Motion by Mayor Pro Tem White
    Second by Mayor Lara

    To waive the full reading and adopt by title only "A Resolution of the City Council of the City of Beaumont, California, Ordering the Collection of Weed Abatement Charges and Directing the County Auditor to Collect Such Fees on the Tax Rolls."

    Approved by a unanimous vote.

17. Re-Appropriation of FY21 Unexpended Expenditures and Pre-Approval of Vehicles and Equipment Purchases

Motion by Council Member Martinez
Second by Mayor Lara

To approve the proposed re-appropriation of General Fund expenditures in the amount of $214,799,
Approve the proposed re-appropriation for purchase of 2021 Ford Police Interceptor in the amount of $58,400,
Approve the proposed re-appropriation of Equipment Replacement and Equipment Replacement Internal Service Fund expenditures in the amount of $236,361, and
Provide pre-approval for the purchase of vehicles and equipment within the FY2021-22 budget authority.

Approved by a unanimous vote.

LEGISLATIVE UPDATES AND DISCUSSION

ECONOMIC DEVELOPMENT UPDATE
No report, next meeting will be August 11, 2021.

CITY TREASURER REPORT
No report, next meeting will be August 9, 2021.

CITY CLERK REPORT
No report.

CITY ATTORNEY REPORT
No report.

CITY MANAGER REPORT
Thanked Council for the approval of the Finance Director employment contract. Gave an update of the City's emergency preparedness process. Gave an update of Southern California Edison's current process of rate adjustments with the Public Utility Commission and asked for direction on a position for public comment submission.

FUTURE AGENDA ITEMS
None.

COUNCIL REPORTS
Santos - *Welcomed Finance Director Ustation*
Fenn - *No report***.**

Martinez - *No report*
White - *No report*
Lara - *Will be attending the a Tribal Council Meeting, and thanked staff for their efforts with National Night Out.*

ADJOURNMENT at 8:51 p.m.

The next regular meeting of the Beaumont City Council, Beaumont Financing Authority, the Beaumont Successor Agency (formerly RDA), the Beaumont Utility Authority, the Beaumont Parking Authority and the Beaumont Public Improvement Agency is scheduled for Tuesday, August 17 2021, at 5:00 p.m., unless otherwise posted.

Staff Report

TO: City Council

FROM: Jeff Hart, Public Works Director

DATE August 17, 2021

SUBJECT: **Approve the Fifth Amendment of the Public Works Agreement for Traffic Signal and Emergency Signal Maintenance to Saint Francis Electric, LLC in an Amount not to Exceed $11,010 for Emergency Services Rendered during Fiscal Year 2020/2021**

Background and Analysis:

City staff issued a request for bids in May 2016, for traffic and emergency signal maintenance services of existing traffic signals maintained by the City. On June 23, 2016, the City received two (2) proposals from qualified firms to provide the requested services. The two bids received were as follows:

St. Frances Electric, LLC:	$41,040, and
Bear Electrical Solutions, Inc.:	$45,410.

On June 16, 2020, City Council approved the fourth contract amendment to St. Francis Electric, LLC to provide on-going maintenance and emergency services for existing traffic signals within the City in the amount of $41,040 for Fiscal Year 2020/2021.

Due to several traffic related incidents that have damaged traffic signal infrastructure, the Fiscal Year 2020/2021 contract amount of $41,040 has been exceeded by $11,010. Approval of the fifth contract amendment will allow the City to pay for services already rendered on an emergency basis.

Fiscal Impact:

The cost to prepare this staff report is approximately $500.

Recommended Action:

Approve a fifth contract amendment for traffic signal and emergency signal maintenance to Saint Frances Electric, LLC in the amount not to exceed $11,010 for emergency services rendered during Fiscal Year 2020/2021.

Attachments:

A. Fifth Amendment of Public Works Agreement FY 2020/2021

CITY OF BEAUMONT
FIFTH AMENMDNMENT TO PUBLIC WORKS AGREEMENT
(ST. Francis Electric, LLC.)

This FOURTH AMENDMENT TO PUBLIC WORKS AGREEMENT ("Agreement") is made as of the ___ day of August, 2021, by and between the City of Beaumont, a municipal corporation ("CITY"), and St. Francis Electric, LLC ("CONTRACTOR"). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

RECITALS

This Fifth Amendment is made with respect to the following facts and purpose that the parties agree are true and correct:

A. On August 2, 2016, the City entered into a Public Works Agreement ("Agreement") with St. Francis Electric, LLC, after following an RFP process, to provide on-going maintenance and emergency services for existing traffic signals in the amount of $41,040 for the fiscal year 2016/2017.

B. Effective July 1, 2020, the Council extended the Agreement for the fiscal year 2018/2019 pursuant to a Public Works Agreement (also collectively the "Agreement" or individually the "Fourth Amendment").

C. Pursuant to City of Beaumont Municipal Code 3.01.040, a maintenance contract may extend for a three-year initial term with a maximum of two, one-year extensions. City will utilize the second extension to extend the Agreement for a period of one year beginning July 1, 2020 and ending June 30, 2021.

AMENDMENT

The Agreement is amended to replace section III regarding the Contract Sum and to add a provision entitled Term, as set forth below:

THE CONTRACT SUM

The CITY shall pay to the CONTRACTOR for the performance of this Agreement, as amended, the sum of eleven thousand, ten dollars and zero cents ($11,010.00).

TERM

The term of the Agreement is to cover additional work performed for the time period of July 1, 2020 to June 30, 2021.

Any terms of the Proposal that are different from or in addition to the terms of the Agreement, as amended, shall be of no force or effect. The recitals to this Amendment are deemed incorporated herein by this reference. All other terms of the Agreement not expressly amended by this Amendment shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereby have made and executed this Second Amendment to Professional Services Agreement to be effective as of the day and year first above-written.

CITY:

CITY OF BEAUMONT

By: _____
Mike Lara, Mayor

CONTRACTOR:

_____

By: _____

Print Name: _____

Title: _____

ATTEST:

By:_____
Steven Mehlman, City Clerk

APPROVED AS TO FORM:

By:_____
John O. Pinkney, City Attorney

Staff Report

TO: City Council

FROM: Jeff Hart, Public Works Director

DATE August 17, 2021

SUBJECT: **Authorize City Staff to Issue a Bond Exoneration Letter for Bond No. 4415087 for Survey Monuments Associated with Parcel Map No. 37045; Authorize City Staff to Issue a Bond Exoneration Letter for Bond No. 929640170 for Survey Monuments Associated with Tract Map No. 31469-10; Authorize City Staff to Issue a Bond Exoneration Letter for Bond No. 30055684 for Survey Monuments Associated with Tract Map No. 37427; and Authorize City Staff to Issue a Bond Exoneration Letter for Bond No. 30055682 for Survey Monuments Associated with Tract Map No. 37428**

Background and Analysis:

Regulations to subdivide parcels include a requirement to set survey monuments.

Per the Subdivision Map Act (Government Code Section 66410), an engineer or surveyor shall set sufficient durable monuments to conform with the standards described in Section 8771 of the Business and Professions Code so that another engineer or surveyor may readily retrace the survey.

The Subdivision Map Act and Beaumont Municipal Code 16.36.100 states that interior monuments need not be set at the time the map is recorded if the engineer or surveyor certifies on the map that the monuments will be set on or before a specified later date and if the land divider furnishes security guaranteeing the payment of the cost of setting such monuments.

Per Government Code Section 66497, the engineer or surveyor shall give written notice to the subdivider and to the City Engineer that the final monuments have been set.

<u>Beaumont Highland Springs, LLC, Parcel Map No. 37045</u>
The subdivider, Beaumont Highland Springs, LLC, has caused monumentation to be set in conformance with the Subdivision Map Act, Business and Professions Code, Beaumont Municipal Code, and Riverside County guidelines for the subject tracts. They

also provided a security agreement and security in the form of a bond for the survey monuments. The Surveyor of Record for the subject tract has provided the City Engineer with respective letters stating that the monuments have been set.

Tract / Parcel Map Number	PW#	Bond Number	Principal
PM 37045	2020-0561	4415087	Beaumont Highland Springs

City staff recommends that the survey monumentation bond be released.

Tri Pointe Homes IE-SD, Inc. (formerly Pardee Homes), Tract Map No. 31469-10, 37427, and 37428

The subdivider, Tri Pointe Homes IE-SD, Inc., has caused monumentation to be set in conformance with the Subdivision Map Act, Business and Professions Code, Beaumont Municipal Code, and Riverside County guidelines for the subject tracts. They also provided a security agreement and security in the form of a bond for the survey monuments. The Surveyor of Record for the subject tract has provided the City Engineer with respective letters stating that the monuments have been set.

Tract / Parcel Map Number	PW#	Bond Number	Principal
TR 31469-10	2021-0665	929640170	Pardee Homes
TR 37427	2021-0666	30055684	Pardee Homes
TR 37428	2021-0667	30055682	Pardee Homes

City staff recommends that the survey monumentation bonds be released.

Fiscal Impact:

The cost of preparing the staff report is estimated to be $350.

Recommended Action:

Authorize City staff to issue a Bond Exoneration Letter for Bond No. 4415087 for Survey Monuments associated with Parcel Map No. 37045,
Authorize City staff to issue a Bond Exoneration Letter for Bond No. 929640170 for Survey Monuments associated with Tract Map No. 31469-10,
Authorize City staff to issue a Bond Exoneration Letter for Bond No. 30055684 for Survey Monuments associated with Tract Map No. 37427, and
Authorize City staff to issue a Bond Exoneration Letter for Bond No. 30055682 for Survey Monuments associated with Tract Map No. 37428.

Attachments:

A. Bond Exoneration Application for Bond No. 4415087
B. Bond Exoneration Application for Bond No. 929640170
C. Bond Exoneration Application for Bond No. 30055684
D. Bond Exoneration Application for Bond No. 30055682

City of Beaumont

550 E. 6th Street
Beaumont, CA 92223
(951) 769-8520
www.ci.beaumont.ca.us

Case No. PW2020-0561
Receipt No. R0118331
Fee $484.43 | $3,500.00 Insp
Date Paid 10/9/20

BOND EXONERATION APPLICATION

Bond Type: ☐Performance ☐Maintenance ☐Final Monument Inspection ☐Other: _____

1. Contact's Name Cosbey Watson Phone 310-907-6999

2. Contact's Address 500 S. Sepulveda Blvd. Suite 304, Manhattan Beach, CA 90266
City/State/Zip

5. Contact's E-mail cwatson@richdevelopment.com

3. Developer Name Beaumont Highland Springs, LLC Phone 310-547-3326
(If corporation or partnership application must include names of principal officers or partners)

4. Developer Address 1000 N. Western Ave. suite 200 San Pedro, CA 90732
City/St/Zip

5. Description of Bonds (including Bond Number, Tract Map/Application number, Lot number, and description of improvements covered):
~~Improvements for Tract Map 37045 $10,800~~

6. **CERTIFICATION OF ACCURACY AND COMPLETENESS:** I hereby certify that to the best of my knowledge the information in this application and all attached answers and exhibits are true, complete, and correct.

Cosbey Watson — Cosbey Watson — 10-5=2020
Print Name and Sign – Contact/Applicant — Date

7. Contractor shall indemnify, defend, and hold harmless the City and its officers, officials, employees and volunteers from and against any and all liability, loss, damage, expense, costs (including without limitation costs and fees of litigation) of every nature arising out of or in connection with contractor's performance of work hereunder or its failure to comply with any of its obligations for which this Bond exoneration is requested, except for such loss or damage which was caused by the active negligence of the City.

_____
Print Name and Sign – Contact/Applicant — Date

8. Developer/Contractor has completed all the following items prior to requesting release or has included them in the application.
   - Remove and replace concrete and AC as needed where lifting.
   - Provide AC crack fill as needed. Crack fill/seal shall be hot asphaltic emulsion.
   - Provide Type II slurry coat for all road surfaces.
   - Restore/Verify pavement striping/markings.
   - Restore/Verify blue dots and signage as needed.
   - Clean and camera sewer. Provide report and video copy of camera survey.
   - Provide all final geotechnical reports.
   - Provide Engineers' certification for line and grade within Right-of-Way.
   - Provide Landscape Architects Certification as required.

Cosbey Watson Cosbey Watson 10-5-2020

Print Name and Sign – Contact/Applicant Date

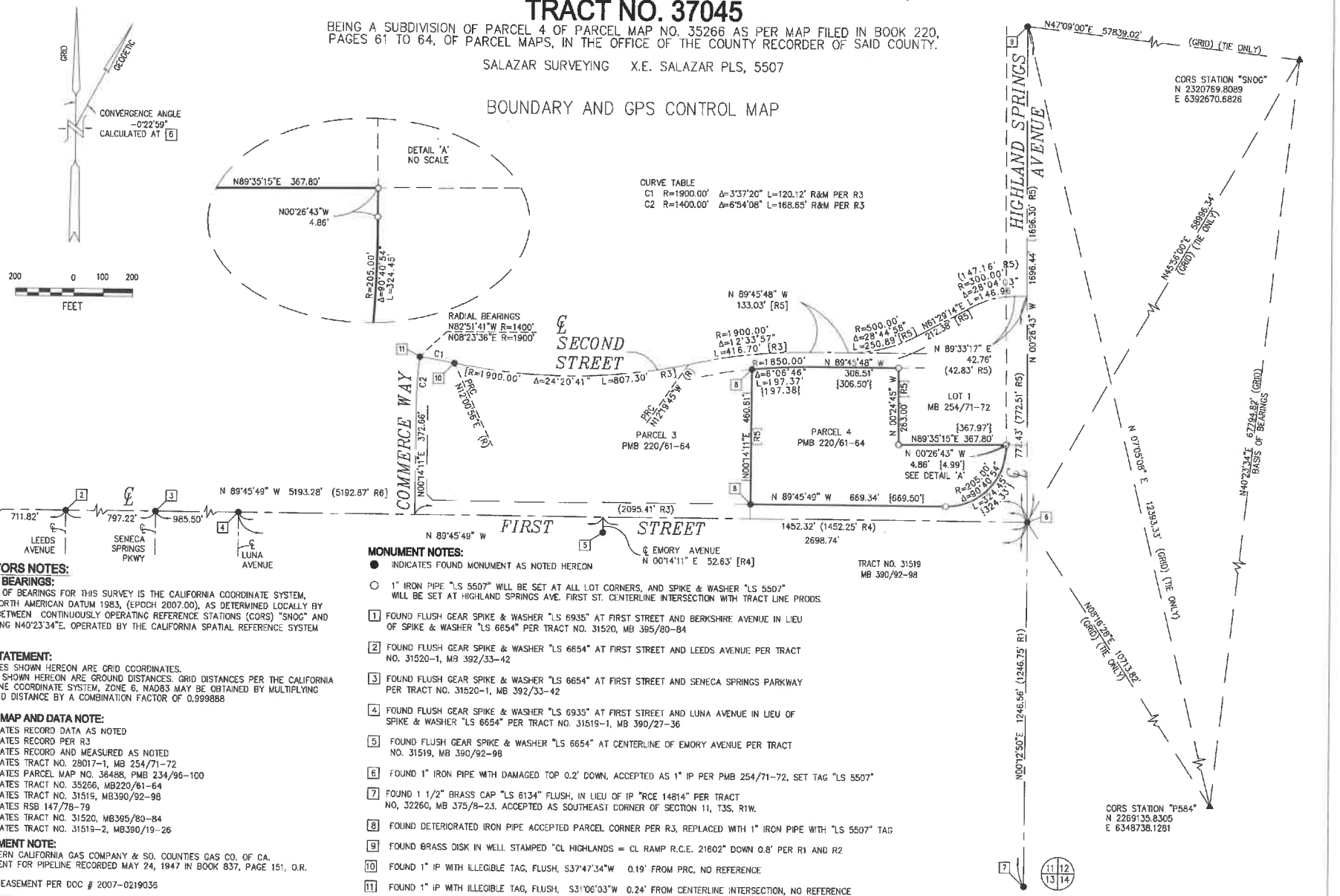
IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA,

TRACT NO. 37045

BEING A SUBDIVISION OF PARCEL 4 OF PARCEL MAP NO. 35266 AS PER MAP FILED IN BOOK 220, PAGES 61 TO 64, OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

SALAZAR SURVEYING X.E. SALAZAR PLS, 5507

BOUNDARY AND GPS CONTROL MAP



SURVEYORS NOTES:

BASIS OF BEARINGS:
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 6, NORTH AMERICAN DATUM 1983, (EPOCH 2007.00), AS DETERMINED LOCALLY BY THE LINE BETWEEN CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) "SNOG" AND "P584" BEING N40°23'34"E. OPERATED BY THE CALIFORNIA SPATIAL REFERENCE SYSTEM (CSRS)

DATUM STATEMENT:
COORDINATES SHOWN HEREON ARE GRID COORDINATES.
DISTANCES SHOWN HEREON ARE GROUND DISTANCES. GRID DISTANCES PER THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 6, NAD83 MAY BE OBTAINED BY MULTIPLYING THE GROUND DISTANCE BY A COMBINATION FACTOR OF 0.999888

RECORD MAP AND DATA NOTE:
() INDICATES RECORD DATA AS NOTED
[] INDICATES RECORD PER R3
[] INDICATES RECORD AND MEASURED AS NOTED
R1 INDICATES TRACT NO. 28017-1, MB 254/71-72
R2 INDICATES PARCEL MAP NO. 36488, PMB 234/96-100
R3 INDICATES TRACT NO. 35266, MB220/61-64
R4 INDICATES TRACT NO. 31519, MB390/92-98
R5 INDICATES RSB 147/78-79
R6 INDICATES TRACT NO. 31520, MB395/80-84
R7 INDICATES TRACT NO. 31519-2, MB390/19-26

EASEMENT NOTE:
(A) SOUTHERN CALIFORNIA GAS COMPANY & SO. COUNTIES GAS CO. OF CA. EASEMENT FOR PIPELINE RECORDED MAY 24, 1947 IN BOOK 837, PAGE 151, O.R.

(B) SLOPE EASEMENT PER DOC # 2007-0219036

MONUMENT NOTES:
● INDICATES FOUND MONUMENT AS NOTED HEREON

○ 1" IRON PIPE "LS 5507" WILL BE SET AT ALL LOT CORNERS, AND SPIKE & WASHER "LS 5507" WILL BE SET AT HIGHLAND SPRINGS AVE. FIRST ST. CENTERLINE INTERSECTION WITH TRACT LINE PRODS.

1 FOUND FLUSH GEAR SPIKE & WASHER "LS 6935" AT FIRST STREET AND BERKSHIRE AVENUE IN LIEU OF SPIKE & WASHER "LS 6654" PER TRACT NO. 31520, MB 395/80-84

2 FOUND FLUSH GEAR SPIKE & WASHER "LS 6654" AT FIRST STREET AND LEEDS AVENUE PER TRACT NO. 31520-1, MB 392/33-42

3 FOUND FLUSH GEAR SPIKE & WASHER "LS 6654" AT FIRST STREET AND SENECA SPRINGS PARKWAY PER TRACT NO. 31520-1, MB 392/33-42

4 FOUND FLUSH GEAR SPIKE & WASHER "LS 6935" AT FIRST STREET AND LUNA AVENUE IN LIEU OF SPIKE & WASHER "LS 6654" PER TRACT NO. 31519-1, MB 390/27-36

5 FOUND FLUSH GEAR SPIKE & WASHER "LS 6654" AT CENTERLINE OF EMORY AVENUE PER TRACT NO. 31519, MB 390/92-98

6 FOUND 1" IRON PIPE WITH DAMAGED TOP 0.2' DOWN, ACCEPTED AS 1" IP PER PMB 254/71-72, SET TAG "LS 5507"

7 FOUND 1 1/2" BRASS CAP "LS 6134" FLUSH, IN LIEU OF IP "RCE 14814" PER TRACT NO, 32260, MB 375/8-23. ACCEPTED AS SOUTHEAST CORNER OF SECTION 11, T3S, R1W.

8 FOUND DETERIORATED IRON PIPE ACCEPTED PARCEL CORNER PER R3, REPLACED WITH 1" IRON PIPE WITH "LS 5507" TAG

9 FOUND BRASS DISK IN WELL STAMPED "CL HIGHLANDS = CL RAMP R.C.E. 21602" DOWN 0.8' PER R1 AND R2

10 FOUND 1" IP WITH ILLEGIBLE TAG, FLUSH, S37°47'34"W 0.19' FROM PRC, NO REFERENCE

11 FOUND 1" IP WITH ILLEGIBLE TAG, FLUSH, S31°06'03"W 0.24' FROM CENTERLINE INTERSECTION, NO REFERENCE

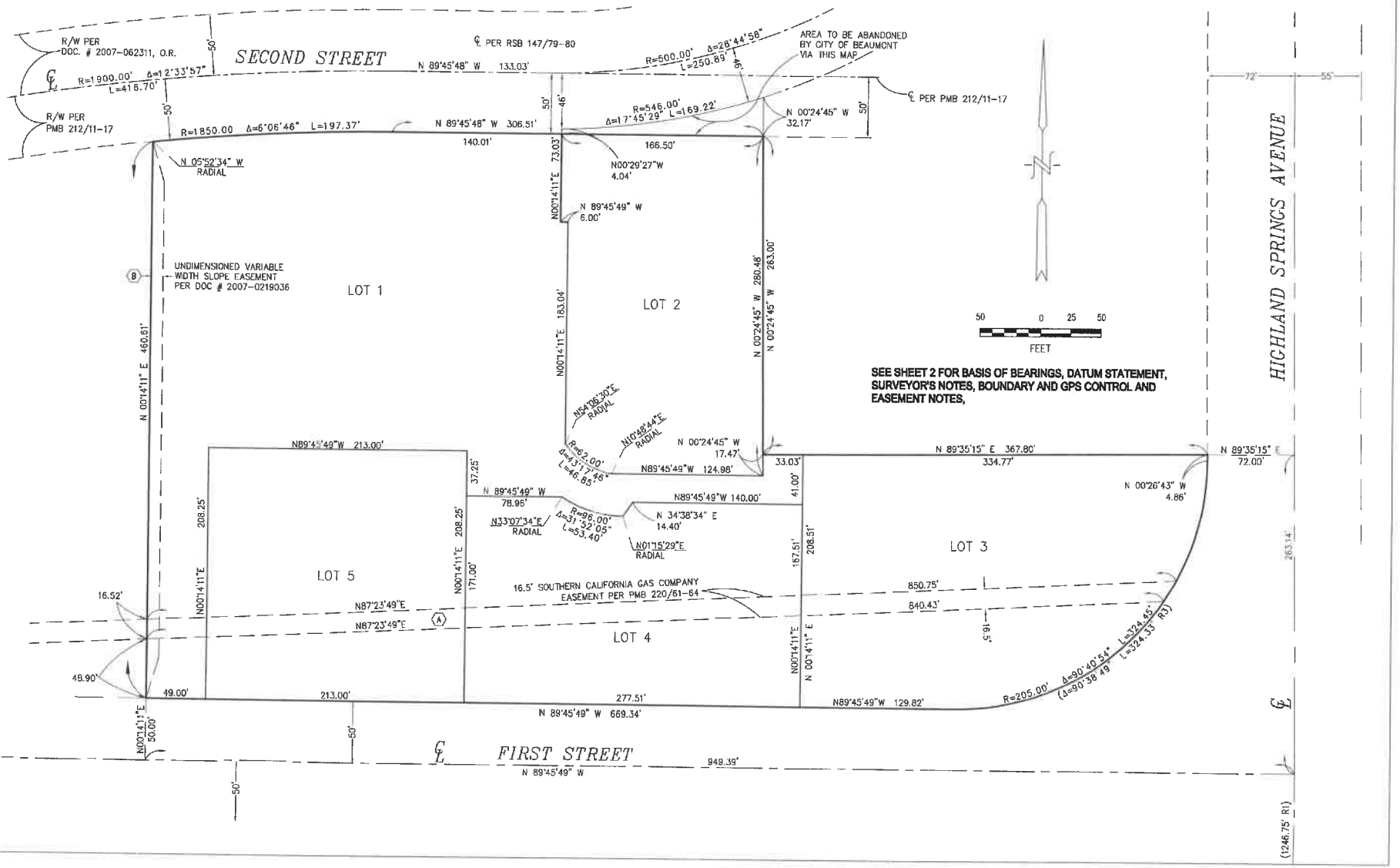
IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA,

TRACT NO. 37045

SHEET 3 OF 3

BEING A SUBDIVISION OF PARCEL 4 OF PARCEL MAP NO. 35266 AS PER MAP FILED IN BOOK 220, PAGES 61 TO 64, OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

SALAZAR SURVEYING X.E. SALAZAR PLS, 5507



THIS SUBDIVISION CONTAINS:
5 NUMBERED LOTS
7.02 ACRES GROSS

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA,
TRACT NO. 37045

BEING A SUBDIVISION OF PARCEL 4 OF PARCEL MAP NO. 35266 AS PER MAP FILED IN BOOK 220, PAGES 61 TO 64, OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

SALAZAR SURVEYING X.E. SALAZAR LS5507 JUNE, 2017

RECORDER'S STATEMENT:
FILED THIS _____DAY OF _____, 2017
AT ____M.
IN BOOK _____OF MAPS, AT PAGES _____,
AT THE REQUEST OF THE CITY CLERK OF
THE CITY OF BEAUMONT.

FEE: $_____
NO. _____

PETER ALDANA, ASSESSOR, COUNTY CLERK, RECORDER

BY: _____, DEPUTY

SUBDIVISION GUARANTEED BY:
CHICAGO TITLE COMPANY

OWNER'S STATEMENT:

WE HEREBY STATE THAT WE ARE OWNERS OF THE LAND INCLUDED WITHIN THE SUBDIVISION SHOWN HEREON; THAT WE ARE THE ONLY PERSONS WHOSE CONSENT IS NECESSARY TO PASS A CLEAR TITLE TO SAID LAND; THAT WE CONSENT TO THE MAKING AND RECORDING OF THIS SUBDIVISION MAP AS SHOWN WITHIN THE DISTINCTIVE BORDER LINE.

LOMA LINDA UNIVERSITY, A CORPORATION

BY: _____ BY: _____
RODNEY NEAL KEVIN FISCHER

TITLE: _____ TITLE: _____

NOTARY ACKNOWLEDGMENT:

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA)
)SS
COUNTY OF _____)

ON _____, BEFORE ME, _____, NOTARY PUBLIC
PERSONALLY APPEARED _____
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HERS/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT

WITNESS MY HAND

SIGNATURE_____ _____
PRINT NAME

NOTARY PUBLIC, STATE OF CALIFORNIA. COMMISSION NO._____

MY COMMISSION EXPIRES _____

COUNTY OF PRINCIPAL PLACE OF BUSINESS_____

ABANDONMENT NOTE

PURSUANT TO THE PROVISIONS OF SECTION 66434 AND 66499.20.2 OF THE SUBDIVISION MAP ACT, THE APPROVAL AND RECORDATION OF THIS TRACT MAP CONSTITUTES ABANDONMENT OF A PORTION OF THE SECOND STREET RIGHT OF WAY SHOWN ON PARCEL MAP NO. 35266, PMB 220/61-64, AS OUTLINED ON SHEET 3 OF THIS MAP.

SIGNATURE OMISSIONS:

PURSUANT TO THE PROVISIONS OF SECTION 66436(a)(3)(A) OF THE SUBDIVISION MAP ACT, THE FOLLOWING SIGNATURES HAVE BEEN OMITTED:

SOUTHERN CALIFORNIA GAS COMPANY AN UNDIVIDED 3/4 INTEREST AND SOUTHERN COUNTIES GAS CO. OF CALIFORNIA AND UNDIVIDED 1/4 INTEREST HOLDERS OF AN EASEMENT FOR PIPELINE RECORDED MAY 24, 1947 IN BOOK 837, PAGE 151, O.R.

TAX COLLECTOR'S CERTIFICATE:

I HEREBY CERTIFY THAT ACCORDING TO THE RECORDS OF THIS OFFICE, AS OF THIS DATE, THERE ARE NO LIENS AGAINST THE PROPERTY SHOWN ON THE WITHIN MAP FOR UNPAID STATE, COUNTY, MUNICIPAL OR LOCAL TAXES OR SPECIAL ASSESSMENTS COLLECTED AS TAXES, EXCEPT TAXES OR SPECIAL ASSESSMENTS COLLECTED AS TAXES NOW A LIEN BUT NOT YET PAYABLE, WHICH ARE ESTIMATED TO BE $_____.

DON KENT
COUNTY TREASURER-TAX COLLECTOR

BY: _____ _____
DEPUTY DATED

TAX BOND CERTIFICATE

I HEREBY CERTIFY THAT A BOND IN THE SUM OF $ _____ HAS BEEN EXECUTED AND FILED WITH THE BOARD OF SUPERVISORS OF THE COUNTY OF RIVERSIDE, CALIFORNIA, CONDITIONED UPON THE PAYMENT OF ALL TAXES, STATE, COUNTY, MUNICIPAL, OR LOCAL, AND ALL SPECIAL ASSESSMENTS COLLECTED AS TAXES, WHICH AT THE TIME OF FILING OF THIS MAP WITH THE COUNTY RECORDER ARE A LIEN AGAINST SAID PROPERTY BUT NOT YET PAYABLE AND SAID BOND HAS BEEN DULY APPROVED BY SAID BOARD OF SUPERVISORS.

DATE: _____, 2017

CASH OR SURETY BOND
DON KENT
COUNTY TAX COLLECTOR

BY: _____, DEPUTY

NOTARY ACKNOWLEDGMENT:

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA)
)SS
COUNTY OF _____)

ON _____, BEFORE ME, _____, NOTARY PUBLIC
PERSONALLY APPEARED _____
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HERS/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT

WITNESS MY HAND

SIGNATURE_____ _____
PRINT NAME

NOTARY PUBLIC, STATE OF CALIFORNIA. COMMISSION NO._____

MY COMMISSION EXPIRES _____

COUNTY OF PRINCIPAL PLACE OF BUSINESS_____

SURVEYOR'S STATEMENT:

THIS MAP WAS PREPARED BY ME OR UNDER MY SUPERVISION AND IS BASED ON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF LOMA LINDA UNIVERSITY ON MARCH 25, 2016. I HEREBY STATE THAT ALL MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED, OR THAT THEY WILL BE SET IN ACCORDANCE WITH THE TERMS OF THE MONUMENT AGREEMENT FOR THE MAP AND THAT THE MONUMENTS ARE, OR WILL BE, SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO APPROVED TENTATIVE MAP. THIS SURVEY IS TRUE AND COMPLETE AS SHOWN.

DATED _____

_____
XICOTENCATL E. SALAZAR, LS 5507
LICENSE EXPIRES SEPTEMBER 30, 2018

CITY SURVEYOR'S STATEMENT:

THIS MAP CONFORMS TO THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES. I HEREBY STATE THAT THIS MAP HAS BEEN EXAMINED BY ME OR UNDER MY SUPERVISION AND FOUND TO BE SUBSTANTIALLY THE SAME AS IT APPEARED ON THE TENTATIVE MAP OF TRACT NO. 37045 AS FILED AND APPROVED BY THE CITY COUNCIL ON APRIL 18, 2017, THE EXPIRATION DATE BEING APRIL 18, 2019, AND THAT I AM SATISFIED THIS MAP IS TECHNICALLY CORRECT.

DATED _____

_____
ROBERT C. OLLERTON, CITY SURVEYOR, LS7731

BEAUMONT CITY COUNCIL CERTIFICATE:

THE CITY OF BEAUMONT, STATE OF CALIFORNIA BY ITS CITY COUNCIL, HEREBY APPROVES TRACT MAP NO. 37045.

DATED: _____ _____
CITY CLERK, CITY OF BEAUMONT,
RIVERSIDE COUNTY, CALIFORNIA

Bond No. 4415087

Basic Gov (Sales Force) # PW2017-0023
File # _____

EXHIBIT "A"

PERFORMANCE BOND

WHEREAS, the City Council of the City of Beaumont, State of California, and Beaumont Highland Springs, LLC (hereinafter designated as "Principal") have entered into Agreement To Provide Security For Improvements For Tract Map Or Parcel Map Or Plot Plan, dated October 24, 2017, whereby Principal agrees to install and complete certain designated public improvements itemized and described on Tract Map, Parcel Map or Plot Plan No. 37045, which is hereby incorporated herein and made a part hereof; and

WHEREAS, Principal is required under the terms of the said agreement to furnish a bond for the faithful performance of said agreement.

NOW, THEREFORE, we, the Principal and SureTec Insurance Company, as Surety, are held and firmly bound unto the City of Beaumont (hereinafter called "City"), in the penal sum of Ten Thousand Eight Hundred dollars ($ 10,800.00) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the Principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the said agreement and any alteration thereof made as therein provided, on his or their part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the City, its officers, agents and employees as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As part of the obligation secured hereby and in addition to the face amount specified therefor, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City in successfully enforcing such obligation, all to be taxed as costs and included in any judgment therein rendered.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the agreement or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the agreement or to the work or to the specifications.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on October 27, 2017.

PRINCIPAL:	SURETY:
Beaumont Highland Springs, LLC	SureTec Insurance Company
By _____	By _____
Title Joseph W. Rich, Manager	Title Andrew Sysyn, Attorney-in-Fact

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Orange)

On October 27, 2017 before me, David Goetsch, Notary Public,
Date *Here Insert Name and Title of the Officer*

personally appeared Andrew Sysyn
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

DAVID GOETSCH
COMM. # 2055525
NOTARY PUBLIC - CALIFORNIA
ORANGE COUNTY
MY COMM. EXPIRES Jan. 19, 2018

Signature _____
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Los Angeles)

On October 27, 2017 before me, Victoria B. Maes Notary Public,
Date *Here Insert Name and Title of the Officer*

personally appeared Joseph W. Rich,
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

VICTORIA B. MAES
Commission # 2079870
Notary Public - California
Los Angeles County
My Comm. Expires Aug 29, 2018

Signature Victoria B. Maes
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

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☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

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POA #: 510001

SureTec Insurance Company
LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Andrew Sysyn, Pamela Rae Goetsch

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for, providing the bond penalty does not exceed

Five Million and 00/100 Dollars ($5,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 12/31/2019 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. *(Adopted at a meeting held on 20th of April, 1999.)*

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 29th day of March , A.D. 2017 .

SURETEC INSURANCE COMPANY

By: _____
John Knox Jr., President

State of Texas ss:
County of Harris

On this 29th day of March , A.D. 2017 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.

XENIA CHAVEZ
Notary Public, State of Texas
Comm. Expires 09-10-2020
Notary ID 129117659

_____
Xenia Chavez, Notary Public
My commission expires September 10, 2020

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 27th day of October 2017 , A.D.

_____
M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

Rev. 02/25/2015

Basic Gov (Sales Force) # PW2017-0023
File # _____

AGREEMENT TO PROVIDE SECURITY FOR IMPROVEMENTS FOR TRACT MAP OR PARCEL MAP OR PLOT PLAN
(Tract Map/Parcel Map/Plot Plan No. 37045)

THIS SECURITY AGREEMENT is made by and between CITY OF BEAUMONT ("CITY") and Beaumont Highland Springs, LLC a California limited liability company ("DEVELOPER").

RECITALS

A. DEVELOPER has applied to the CITY for permission to develop certain real property, pursuant to Tract Map/Parcel Map/Plot Plan # 37045 , ("Map"). DEVELOPER has also asked the CITY to accept the dedication of the street or streets and other proposed public rights-of-way, parks and recreation facilities, and easements as depicted on the Map and to otherwise approve the Map so that it may be recorded as required by law; and

B. The CITY requires, as a condition precedent to the acceptance and approval of the Map and the dedication of the public rights-of-way and easements depicted thereon, that such rights-of-way be improved with (for example) grading, paving, curbs, gutters, sidewalks, street lights, stormdrains, sanitary sewers and appurtenances thereto, street name signs, survey monuments, electrical and telecommunications, water pipes, water mains, fire hydrants and appurtenances thereto, and landscaping, including any warranty work for all such improvements (collectively, "Improvements"); and

C. The Improvements have not yet been constructed and completed and it is the purpose of this Security Agreement to set forth the terms and conditions by which the DEVELOPER shall guarantee that such Improvements shall be constructed and completed within the time set forth herein.

AGREEMENT

NOW, THEREFORE, in consideration of the acceptance of the DEVELOPER's offer of dedication and the approval of the Map for filing and recording as provided and required by law, the CITY and the DEVELOPER hereby agree as follows:

1. Provision of Improvements. DEVELOPER shall provide, at the DEVELOPER's sole cost and expense, all necessary labor and materials to complete the construction of the Improvements depicted on the Map and described in the conditions of approval of the Map within one (1) year of the date of this Security Agreement.

2. Inspection by the CITY. The CITY shall inspect, at the DEVELOPER's sole cost and expense, all of the work, labor and materials performed and provided by the DEVELOPER in connection with the Improvements.

3. Compliance with Plans and Specifications. The Improvements shall be constructed and installed in strict accordance with the CITY-approved plans and specifications.

4. Security for Performance. Concurrently with the execution of this Security Agreement by DEVELOPER, DEVELOPER shall deliver to the CITY a performance bond issued by a corporate surety in substantially the form attached hereto as **Exhibit "A"**, in an amount that is not less than 100% of the total estimated cost of the Improvements and any warranty therefor. The performance bond shall be issued by an "admitted" corporate surety insurer authorized to do business in the State of California and the surety insurer shall have an A.M. Best rating of at least "A, XV". The surety insurer shall have assets exceeding its liabilities in the amount equal to or in excess of the amount of the bond, and the bond shall not be in excess of 10% of the surety insurer's assets. The security or bond shall also insure against any and all defects in the Improvements for a period of not less than one full year after the date of acceptance thereof by the CITY. The bond shall be duly executed and shall meet all the requirements of Section 995.660 of the California Code of Civil Procedure.

5. Security for Contractors, Subcontractors, Laborers and Materialmen. The DEVELOPER shall also provide a payment bond issued by a corporate surety for the security of laborers and materialmen, which bond or bonds shall be in substantially the form attached hereto as **Exhibit "B"** and made a part hereof. The amount of the bond(s) shall be no less than 100% of the total estimated amount needed to secure payment to the contractor, to the subcontractors, and to the persons furnishing labor, materials, or equipment to them for the Improvements. The laborers and materialmen bond shall be provided by an "admitted" corporate surety insurer authorized to transact surety insurance in the State of California with an A.M. Best rating of "A, XV", and with assets exceeding its liabilities in the amount equal to or in excess of the amount of the bond, and the bond shall not be in excess of 10% of the surety insurer's assets. The bond shall be duly executed and shall meet all the requirements of Section 995.660 of the California Code of Civil Procedure.

6. General Liability and Worker's Compensation Insurance. The DEVELOPER shall, before commencing any work, obtain commercial general liability insurance (primary) of not less than $2,000,000.00 per occurrence for all coverages and $2,000,000.00 general aggregate. The CITY and its employees and agents shall be added as additional insureds. Coverage shall apply on a primary non-contributing basis in relation to any other insurance or self-insurance, primary or excess, available to the CITY or any employee or agent of the CITY. Coverage shall not be limited to the vicarious liability or supervisory role of any additional insured. Coverage shall contain no contractors' limitation endorsement. There shall be no endorsement or modification limiting the scope of coverage for liability arising from pollution, explosion, collapse, underground property damage or employment-related practices. Such insurance shall not prohibit the DEVELOPER, and its employees or agents, from waiving the right of subrogation prior to a loss. The DEVELOPER waives its right of subrogation against the CITY. Unless otherwise approved by the CITY, the DEVELOPER's insurance shall be written by insurers authorized to do business in the State of California and with a minimum A.M. Best rating of "A, XV." Self-insurance shall not be considered to comply with these insurance specifications. The DEVELOPER agrees to require all contractors, subcontractors and other parties hired for the Improvements to purchase and maintain insurance of the types specified

herein, naming as additional insureds all of the parties to this Security Agreement. The DEVELOPER shall, before commencing any work, obtain Worker's Compensation Insurance in an amount required by law and, failing to do so, the CITY may procure such insurance at the cost of the DEVELOPER.

7. Comprehensive Commercial General and Automobile Liability Insurance. The DEVELOPER, before commencing any work shall, at its own expense, maintain comprehensive commercial general and automobile liability insurance issued by a California-admitted surety company with an A.M. Best rating of no less than "A, XV" for $2,000,000 per occurrence. Coverage shall be for the entire duration of the permitted activities. Such liability insurance policy shall name, by endorsement, the City as an additional insured.

8. Indemnification. Notwithstanding the provisions of Government Code, Section 66474.9 or any other statutes of similar import, and to the full extent permitted by law, the DEVELOPER shall defend, indemnify and hold harmless the CITY, its employees, agents, officials and attorneys, from and against any liability, claims, suits, actions, arbitration proceedings, administrative proceedings, regulatory proceedings, losses, expenses or costs of any kind or nature, whether actual, alleged or threatened, reasonable attorneys' fees, court costs, interest, expert witness fees and any other costs or expenses of any kind whatsoever, without restriction or limitation, incurred in relation to, as a consequence of, or arising out of or in any way attributable actually, allegedly or impliedly, in whole or in part, to the Map, the Improvements, this Agreement, or any matter related to the same; provided, however, that the indemnification to be provided by DEVELOPER to the CITY pursuant to the terms of this paragraph shall not be applicable where the aforementioned liability, claim, suit, action, etcetera, is the result of the sole negligence or sole willful misconduct of the CITY.

9. Procedure for Release of Performance Bond Security. The security furnished by the DEVELOPER shall be released in whole or in part in the following manner:

a. Security shall be released upon final completion and acceptance of the Improvements. If the security furnished by the DEVELOPER is a documentary evidence of security, such as a surety bond, the CITY shall release the documentary evidence and return the original to the Surety upon final completion and acceptance of the Improvements. In the event the CITY is unable to return the original documentary evidence to the Surety, the security shall be released by written notice sent by certified mail to the DEVELOPER and to the Surety within 30 days of the City's acceptance of the Improvements. The written notice shall contain a statement that the work for which security was furnished has been completed and accepted, a description of the Improvements, and the notarized signature of an authorized CITY official.

b. At such time as the DEVELOPER believes that the work for which the security was required is complete and makes payment of a partial exoneration fee of $350 to the CITY, the DEVELOPER shall notify the CITY in writing of the completed work, including a list of work completed. Upon receipt of the written notice, the CITY shall have 45 days to review and comment or approve the completion of the Improvements. If the CITY does not agree that all work has been completed in accordance with the plans

and specifications for the Improvements, it shall supply a list of all remaining work to be completed.

c. Within 45 days of receipt of the CITY's list of remaining work, the DEVELOPER may then provide cost estimates for all remaining work for review and approval by the CITY.

d. Upon receipt of the cost estimates, the CITY shall then have 45 days to review, comment, and approve, modify or disapprove those cost estimates. The CITY shall not be required to engage in this process of partial release more than once between the start of work and the completion and acceptance of all work.

e. The DEVELOPER shall complete the works of Improvement until all remaining items are accepted by the CITY. Upon completion of the Improvements, the DEVELOPER shall be notified in writing by the CITY within 45 days and, within 45 days of the date of the CITY's notice, the release of any remaining performance security shall be made within 60 days of the recording of the Notice of Completion.

10. Procedure for Release of Payment Bond Security. Security securing the payment to the contractor, his or her subcontractors and persons furnishing labor, materials or equipment may, after passage of the time within which mechanic's liens and stop notices are required to be recorded and after acceptance of the Improvements, be reduced by Surety to an amount equal to the total claimed by all claimants for whom mechanic's liens and stop notices have been recorded and notice thereof given in writing to the CITY, and if no claims have been recorded, the security may be released in full.

11. Security for One-Year Warranty Period. The release procedures described in paragraphs 9 and 10 above shall not apply to any required guarantee and warranty period nor to the amount of the performance bond security deemed necessary by the CITY for the guarantee and warranty period nor to costs and reasonable expenses and fees, including reasonable attorneys' fees.

12. Binding Effect. This Security Agreement shall be binding upon and shall inure to the benefit of the parties hereto, their legal representatives and their successors and assigns.

13. Authority to Execute. The DEVELOPER hereby warrants and represents to the CITY that the individual signing this Security Agreement on behalf of the DEVELOPER is vested with the unconditional authority to do so pursuant to, and in accordance with, all applicable legal requirements, and has the authority bind the DEVELOPER hereto.

14. No Assignment. The DEVELOPER may not assign this Security Agreement, or any part thereof, to another without the prior written consent of the CITY.

15. Attorneys' Fees. In the event of legal action to enforce or interpret this Agreement or any of its provisions, the prevailing party shall be entitled, in addition to any other form of relief, to recover its reasonable attorneys' fees and costs of suit.

16. Execution in Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but which together shall constitute a single agreement.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the dates listed below.

CITY OF BEAUMONT

By _____
Mayor

_____
Date

DEVELOPER

By _____
Joseph W. Rich
10.24.2017
Date

Title: Manager

Address: 1000 N Western Avenue, Suite 200
San Pedro, CA 90732

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Los Angeles

On October 24, 2017 before me, Victoria B. Maes Notary Public
Date *Here Insert Name and Title of the Officer*

personally appeared Joseph W. Rick
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

VICTORIA B. MAES
Commission # 2079870
Notary Public - California
Los Angeles County
My Comm. Expires Aug 29, 2018

Signature Victoria B. Maes
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____	Signer's Name: _____
☐ Corporate Officer — Title(s): _____	☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact	☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator	☐ Trustee ☐ Guardian or Conservator
☐ Other: _____	☐ Other: _____
Signer Is Representing: _____	Signer Is Representing: _____

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City of Beaumont

550 E. 6th Street
Beaumont, CA 92223
(951) 769-8520
www.ci.beaumont.ca.us

Case No. PW2021-01665
Receipt No. R0114984O
Fee $ 4,957.54
Date Paid 3/26/21

BOND EXONERATION APPLICATION

Bond Type: ☐Performance ☐Maintenance ☒Final Monument Inspection ☐Other:_____

1. Contact's Name Rick Rush Phone (951) 529-7795

2. Contact's Address 1250 Corona Pointe Court Suite 600 Corona, CA 92879
City/State/Zip

5. Contact's E-mail rick.rush@tripointehomes.com

3. Developer Name Tri Pointe Homes Phone (951) 529-7795
(If corporation or partnership application must include names of principal officers or partners)

4. Developer Address Same As Above
City/St/Zip

5. Description of Bonds (including Bond Number, Tract Map/Application number, Lot number, and description of improvements covered):

Bond #929640170
Monument Bond Tract 31469-10
148 Numbered Lots, 8 Lettered Lots (156 Total Lots) $4,957.54

6. **CERTIFICATION OF ACCURACY AND COMPLETENESS:** I hereby certify that to the best of my knowledge the information in this application and all attached answers and exhibits are true, complete, and correct.

Rick Rush 03/09/2021
Print Name and Sign – Contact/Applicant Date

7. Contractor shall indemnify, defend, and hold harmless the City and its officers, officials, employees and volunteers from and against any and all liability, loss, damage, expense, costs (including without limitation costs and fees of litigation) of every nature arising out of or in connection with contractor's performance of work hereunder or its failure to comply with any of its obligations for which this Bond exoneration is requested, except for such loss or damage which was caused by the active negligence of the City.

Rick Rush 03/09/2021
Print Name and Sign – Contact/Applicant Date

8. Developer/Contractor has completed all the following items prior to requesting release or has included them in the application.
   - Remove and replace concrete and AC as needed where lifting.
   - Provide AC crack fill as needed. Crack fill/seal shall be hot asphaltic emulsion.
   - Provide Type II slurry coat for all road surfaces.
   - Restore/Verify pavement striping/markings.
   - Restore/Verify blue dots and signage as needed.
   - Clean and camera sewer. Provide report and video copy of camera survey.
   - Provide all final geotechnical reports.
   - Provide Engineers' certification for line and grade within Right-of-Way.
   - Provide Landscape Architects Certification as required.

Rick Rush 03/09/2021

Print Name and Sign – Contact/Applicant Date

Rev. 02/25/2015

Basic Gov (Sales Force) # _____
File # _____

AGREEMENT TO PROVIDE SECURITY FOR IMPROVEMENTS FOR TRACT MAP OR PARCEL MAP OR PLOT PLAN
(Tract Map/~~Parcel Map/Plot Plan No.~~ 31469)

THIS SECURITY AGREEMENT is made by and between CITY OF BEAUMONT ("CITY") and PARDEE HOMES, a CALIFORNIA company ("DEVELOPER").

RECITALS

A. DEVELOPER has applied to the CITY for permission to develop certain real property, pursuant to Tract Map/~~Parcel Map/Plot Plan~~ # 31469, ("Map"). DEVELOPER has also asked the CITY to accept the dedication of the street or streets and other proposed public rights-of-way, parks and recreation facilities, and easements as depicted on the Map and to otherwise approve the Map so that it may be recorded as required by law; and Sundance PA38 TR#31469 Survey Monumentation

B. The CITY requires, as a condition precedent to the acceptance and approval of the Map and the dedication of the public rights-of-way and easements depicted thereon, that such rights-of-way be improved with (for example) grading, paving, curbs, gutters, sidewalks, street lights, stormdrains, sanitary sewers and appurtenances thereto, street name signs, survey monuments, electrical and telecommunications, water pipes, water mains, fire hydrants and appurtenances thereto, and landscaping, including any warranty work for all such improvements (collectively, "Improvements"); and

C. The Improvements have not yet been constructed and completed and it is the purpose of this Security Agreement to set forth the terms and conditions by which the DEVELOPER shall guarantee that such Improvements shall be constructed and completed within the time set forth herein.

AGREEMENT

NOW, THEREFORE, in consideration of the acceptance of the DEVELOPER's offer of dedication and the approval of the Map for filing and recording as provided and required by law, the CITY and the DEVELOPER hereby agree as follows:

1. Provision of Improvements. DEVELOPER shall provide, at the DEVELOPER's sole cost and expense, all necessary labor and materials to complete the construction of the Improvements depicted on the Map and described in the conditions of approval of the Map within one (1) year of the date of this Security Agreement.

2. Inspection by the CITY. The CITY shall inspect, at the DEVELOPER's sole cost and expense, all of the work, labor and materials performed and provided by the DEVELOPER in connection with the Improvements.

3. Compliance with Plans and Specifications. The Improvements shall be constructed and installed in strict accordance with the CITY-approved plans and specifications.

4. Security for Performance. Concurrently with the execution of this Security Agreement by DEVELOPER, DEVELOPER shall deliver to the CITY a performance bond issued by a corporate surety in substantially the form attached hereto as **Exhibit "A"**, in an amount that is not less than 100% of the total estimated cost of the Improvements and any warranty therefor. The performance bond shall be issued by an "admitted" corporate surety insurer authorized to do business in the State of California and the surety insurer shall have an A.M. Best rating of at least "A, XV". The surety insurer shall have assets exceeding its liabilities in the amount equal to or in excess of the amount of the bond, and the bond shall not be in excess of 10% of the surety insurer's assets. The security or bond shall also insure against any and all defects in the Improvements for a period of not less than one full year after the date of acceptance thereof by the CITY. The bond shall be duly executed and shall meet all the requirements of Section 995.660 of the California Code of Civil Procedure.

5. Security for Contractors, Subcontractors, Laborers and Materialmen. The DEVELOPER shall also provide a payment bond issued by a corporate surety for the security of laborers and materialmen, which bond or bonds shall be in substantially the form attached hereto as **Exhibit "B"** and made a part hereof. The amount of the bond(s) shall be no less than 100% of the total estimated amount needed to secure payment to the contractor, to the subcontractors, and to the persons furnishing labor, materials, or equipment to them for the Improvements. The laborers and materialmen bond shall be provided by an "admitted" corporate surety insurer authorized to transact surety insurance in the State of California with an A.M. Best rating of "A, XV", and with assets exceeding its liabilities in the amount equal to or in excess of the amount of the bond, and the bond shall not be in excess of 10% of the surety insurer's assets. The bond shall be duly executed and shall meet all the requirements of Section 995.660 of the California Code of Civil Procedure.

6. General Liability and Worker's Compensation Insurance. The DEVELOPER shall, before commencing any work, obtain commercial general liability insurance (primary) of not less than $2,000,000.00 per occurrence for all coverages and $2,000,000.00 general aggregate. The CITY and its employees and agents shall be added as additional insureds. Coverage shall apply on a primary non-contributing basis in relation to any other insurance or self-insurance, primary or excess, available to the CITY or any employee or agent of the CITY. Coverage shall not be limited to the vicarious liability or supervisory role of any additional insured. Coverage shall contain no contractors' limitation endorsement. There shall be no endorsement or modification limiting the scope of coverage for liability arising from pollution, explosion, collapse, underground property damage or employment-related practices. Such insurance shall not prohibit the DEVELOPER, and its employees or agents, from waiving the right of subrogation prior to a loss. The DEVELOPER waives its right of subrogation against the CITY. Unless otherwise approved by the CITY, the DEVELOPER's insurance shall be written by insurers authorized to do business in the State of California and with a minimum A.M. Best rating of "A, XV." Self-insurance shall not be considered to comply with these insurance specifications. The DEVELOPER agrees to require all contractors, subcontractors and other parties hired for the Improvements to purchase and maintain insurance of the types specified

herein, naming as additional insureds all of the parties to this Security Agreement. The DEVELOPER shall, before commencing any work, obtain Worker's Compensation Insurance in an amount required by law and, failing to do so, the CITY may procure such insurance at the cost of the DEVELOPER.

7. Comprehensive Commercial General and Automobile Liability Insurance. The DEVELOPER, before commencing any work shall, at its own expense, maintain comprehensive commercial general and automobile liability insurance issued by a California-admitted surety company with an A.M. Best rating of no less than "A, XV" for $2,000,000 per occurrence. Coverage shall be for the entire duration of the permitted activities. Such liability insurance policy shall name, by endorsement, the City as an additional insured.

8. Indemnification. Notwithstanding the provisions of Government Code, Section 66474.9 or any other statutes of similar import, and to the full extent permitted by law, the DEVELOPER shall defend, indemnify and hold harmless the CITY, its employees, agents, officials and attorneys, from and against any liability, claims, suits, actions, arbitration proceedings, administrative proceedings, regulatory proceedings, losses, expenses or costs of any kind or nature, whether actual, alleged or threatened, reasonable attorneys' fees, court costs, interest, expert witness fees and any other costs or expenses of any kind whatsoever, without restriction or limitation, incurred in relation to, as a consequence of, or arising out of or in any way attributable actually, allegedly or impliedly, in whole or in part, to the Map, the Improvements, this Agreement, or any matter related to the same; provided, however, that the indemnification to be provided by DEVELOPER to the CITY pursuant to the terms of this paragraph shall not be applicable where the aforementioned liability, claim, suit, action, etcetera, is the result of the sole negligence or sole willful misconduct of the CITY.

9. Procedure for Release of Performance Bond Security. The security furnished by the DEVELOPER shall be released in whole or in part in the following manner:

a. Security shall be released upon final completion and acceptance of the Improvements. If the security furnished by the DEVELOPER is a documentary evidence of security, such as a surety bond, the CITY shall release the documentary evidence and return the original to the Surety upon final completion and acceptance of the Improvements. In the event the CITY is unable to return the original documentary evidence to the Surety, the security shall be released by written notice sent by certified mail to the DEVELOPER and to the Surety within 30 days of the City's acceptance of the Improvements. The written notice shall contain a statement that the work for which security was furnished has been completed and accepted, a description of the Improvements, and the notarized signature of an authorized CITY official.

b. At such time as the DEVELOPER believes that the work for which the security was required is complete and makes payment of a partial exoneration fee of $350 to the CITY, the DEVELOPER shall notify the CITY in writing of the completed work, including a list of work completed. Upon receipt of the written notice, the CITY shall have 45 days to review and comment or approve the completion of the Improvements. If the CITY does not agree that all work has been completed in accordance with the plans

and specifications for the Improvements, it shall supply a list of all remaining work to be completed.

c. Within 45 days of receipt of the CITY's list of remaining work, the DEVELOPER may then provide cost estimates for all remaining work for review and approval by the CITY.

d. Upon receipt of the cost estimates, the CITY shall then have 45 days to review, comment, and approve, modify or disapprove those cost estimates. The CITY shall not be required to engage in this process of partial release more than once between the start of work and the completion and acceptance of all work.

e. The DEVELOPER shall complete the works of Improvement until all remaining items are accepted by the CITY. Upon completion of the Improvements, the DEVELOPER shall be notified in writing by the CITY within 45 days and, within 45 days of the date of the CITY's notice, the release of any remaining performance security shall be made within 60 days of the recording of the Notice of Completion.

10. Procedure for Release of Payment Bond Security. Security securing the payment to the contractor, his or her subcontractors and persons furnishing labor, materials or equipment may, after passage of the time within which mechanic's liens and stop notices are required to be recorded and after acceptance of the Improvements, be reduced by Surety to an amount equal to the total claimed by all claimants for whom mechanic's liens and stop notices have been recorded and notice thereof given in writing to the CITY, and if no claims have been recorded, the security may be released in full.

11. Security for One-Year Warranty Period. The release procedures described in paragraphs 9 and 10 above shall not apply to any required guarantee and warranty period nor to the amount of the performance bond security deemed necessary by the CITY for the guarantee and warranty period nor to costs and reasonable expenses and fees, including reasonable attorneys' fees.

12. Binding Effect. This Security Agreement shall be binding upon and shall inure to the benefit of the parties hereto, their legal representatives and their successors and assigns.

13. Authority to Execute. The DEVELOPER hereby warrants and represents to the CITY that the individual signing this Security Agreement on behalf of the DEVELOPER is vested with the unconditional authority to do so pursuant to, and in accordance with, all applicable legal requirements, and has the authority bind the DEVELOPER hereto.

14. No Assignment. The DEVELOPER may not assign this Security Agreement, or any part thereof, to another without the prior written consent of the CITY.

15. Attorneys' Fees. In the event of legal action to enforce or interpret this Agreement or any of its provisions, the prevailing party shall be entitled, in addition to any other form of relief, to recover its reasonable attorneys' fees and costs of suit.

16. Execution in Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but which together shall constitute a single agreement.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the dates listed below.

CITY OF BEAUMONT

By _____
Mayor

_____
Date

DEVELOPER

By _____
Jeff Chambers

December 1, 2016
Date

Title: VP Community Development

Address: Pardee Homes
1250 Corona Pointe Court, Suite 600
Corona, CA 92879

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Riverside)

On December 1, 2016 (*Date*) before me, Ana E. Chavez Perez, Notary Public (*Here Insert Name and Title of the Officer*),

personally appeared Jeff Chambers (*Name(s) of Signer(s)*),

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

ANA E. CHAVEZ PEREZ
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2107702
RIVERSIDE COUNTY
My Comm. Exp. April 19, 2019

Signature _____ (*Signature of Notary Public*)

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

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Basic Gov (Sales Force) # _____
File # _____

EXHIBIT "A"

PERFORMANCE BOND

WHEREAS, the City Council of the City of Beaumont, State of California, and _____ Pardee Homes _____ (hereinafter designated as "Principal") have entered into Agreement To Provide Security For Improvements For Tract Map Or Parcel Map Or Plot Plan, dated _____, 20__, whereby Principal agrees to install and complete certain designated public improvements itemized and described on Tract Map, Parcel Map or Plot Plan No. Sundance, PA38 TR#31469 Survey Monumentation which is hereby incorporated herein and made a part hereof; and

WHEREAS, Principal is required under the terms of the said agreement to furnish a bond for the faithful performance of said agreement.

NOW, THEREFORE, we, the Principal and The Continental Insurance Company, as Surety, are held and firmly bound unto the City of Beaumont (hereinafter called "City"), in the penal sum of Ninety Two Thousand and No/100 dollars ($ 92,000.00) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the Principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the said agreement and any alteration thereof made as therein provided, on his or their part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the City, its officers, agents and employees as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As part of the obligation secured hereby and in addition to the face amount specified therefor, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City in successfully enforcing such obligation, all to be taxed as costs and included in any judgment therein rendered.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the agreement or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the agreement or to the work or to the specifications.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on November 30, 20 16.

PRINCIPAL:

Pardee Homes

By _____
Jeff Chambers

Title VP Community Development

SURETY:

The Continental Insurance Company

By _____

Title Janina Monroe, Attorney-In-Fact

ALL- PURPOSE
CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of Orange }

On NOV 3 0 2016 before me, M. Barreras, Notary Public
(Here insert name and title of the officer),

personally appeared Janina Monroe,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(~~ies~~), and that by ~~his~~/her/~~their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

M. Barreras
Notary Public Signature (Notary Public Seal)

M. BARRERAS
Commission # 2048208
Notary Public - California
Orange County
My Comm. Expires Nov 5, 2017

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Performance Bond
(Title or description of attached document)

929640170
(Title or description of attached document continued)

Number of Pages 1 Document Date 11/30/16

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
- ☐ Corporate Officer
  _____
  (Title)
- ☐ Partner(s)
- ☒ Attorney-in-Fact
- ☐ Trustee(s)
- ☐ Other _____

2015 Version www.NotaryClasses.com 800-873-9865

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he~~/she/~~they,~~ is /~~are~~) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
  - Indicate title or type of attached document, number of pages and date.
  - Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a Pennsylvania insurance company, is a duly organized a insurance company having its principal office in the City of Chicago, and State of Illinois, and that it does by virtue of the signature and seal h affixed hereby make, constitute and appoint

Janina Monroe, Tom Mc Call, Paul Boucher, Individually

of Los Angeles, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the insurance company and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Board of Directors of the insurance company.

In Witness Whereof, The Continental Insurance Company has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 15th day of July, 2016.

The Continental Insurance Company

Paul T. Bruflat — Vice President

State of South Dakota, County of Minnehaha, ss:

On this 15th day of July, 2016, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of The Continental Insurance Company, a Pennsylvania insurance company, described in and which executed the above instrument; that he knows the seal of said insurance company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said insurance company and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance company.

J. MOHR
NOTARY PUBLIC
SOUTH DAKOTA

My Commission Expires June 23, 2021

J. Mohr — Notary Public

CERTIFICATE

I, D. Bult, Assistant Secretary of The Continental Insurance Company, a Pennsylvania insurance company, do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance company printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance company this _____ day of NOV 30 2016, _____.

The Continental Insurance Company

D. Bult — Assistant Secretary

Form F6850-4/2012

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Riverside)

On December 1, 2016 before me, Ana E. Chavez Perez, Notary Public,
Date *Here Insert Name and Title of the Officer*

personally appeared Jeff Chambers
Name(s) of Signer(s)

,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

ANA E. CHAVEZ PEREZ
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2107702
RIVERSIDE COUNTY
My Comm. Exp. April 19, 2019

Signature _____
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____
Document Date: _____ Number of Pages: _____
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

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Bond No: 929640170
Premium is included in the cost
of the Performance Bond

EXHIBIT "B"

PAYMENT BOND

WHEREAS, the City Council of the City of Beaumont, State of California, and Pardee Homes (hereafter designated as "the Principal") have entered into Agreement To Provide Security For Improvements For Tract Map Or Parcel Map Or Plot Plan, dated _____, 20__, whereby Principal agrees to install and complete certain designated public improvements itemized and described on Tract Map, Parcel Map or Plot Plan No. Sundance, PA38 TR#31469 Survey Monumentation which is hereby incorporated herein and made a part hereof; and

WHEREAS, under the terms of the said agreement, the Principal is required before entering upon the performance of the work, to file a good and sufficient payment bond with the City of Beaumont to secure the claims to which reference is made in Section 8000, et seq., of the Civil Code of the State of California.

NOW, THEREFORE, the Principal and the undersigned as corporate surety, are held firmly bound unto the City of Beaumont and all contractors, subcontractors, laborers, materialmen, and other persons employed in the performance of the said agreement and referred to at Section 8000, et seq., of the Civil Code in the sum of Ninety Two Thousand and No/100 dollars ($ 92,000.00), for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to this work or labor, that the Surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City in successfully enforcing this obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under Section 8000, et seq., of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The Surety hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on November 30, 20 16.

PRINCIPAL:

Pardee Homes

By _____
Jeff Chambers

Title VP Community Development

SURETY:

The Continental Insurance Company

By _____

Title Janina Monroe, Attorney-In-Fact

ALL- PURPOSE
CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of Orange }

On NOV 30 2016 before me, M. Barreras, Notary Public
(Here insert name and title of the officer),

personally appeared Janina Monroe,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(~~ies~~), and that by ~~his~~/her/~~their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

M Barreras
Notary Public Signature (Notary Public Seal)

M. BARRERAS
Commission # 2048208
Notary Public - California
Orange County
My Comm. Expires Nov 5, 2017

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Payment Bond
(Title or description of attached document)

J929640170
(Title or description of attached document continued)

Number of Pages 1 Document Date 11/30/16

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
- ☐ Corporate Officer
  _____
  (Title)
- ☐ Partner(s)
- ☒ Attorney-in-Fact
- ☐ Trustee(s)
- ☐ Other _____

2015 Version www.NotaryClasses.com 800-873-9865

INSTRUCTIONS FOR COMPLETING THIS FORM

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- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
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  - Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a Pennsylvania insurance company, is a duly organized a insurance company having its principal office in the City of Chicago, and State of Illinois, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Janina Monroe, Tom Mc Call, Paul Boucher, Individually

of Los Angeles, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the insurance company and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Board of Directors of the insurance company.

In Witness Whereof, The Continental Insurance Company has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 15th day of July, 2016.

The Continental Insurance Company

Paul T. Bruflat — Vice President

State of South Dakota, County of Minnehaha, ss:

On this 15th day of July, 2016, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of The Continental Insurance Company, a Pennsylvania insurance company, described in and which executed the above instrument; that he knows the seal of said insurance company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said insurance company and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance company.

J. MOHR
NOTARY PUBLIC SOUTH DAKOTA

My Commission Expires June 23, 2021

J. Mohr — Notary Public

CERTIFICATE

I, D. Bult, Assistant Secretary of The Continental Insurance Company, a Pennsylvania insurance company, do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance company printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance company this _____ day of NOV 30 2016, _____.

The Continental Insurance Company

D. Bult — Assistant Secretary

Form F6850-4/2012

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Riverside)

On December 1, 2016 before me, Ana E. Chavez Perez, Notary Public,
Date *Here Insert Name and Title of the Officer*

personally appeared Jeff Chambers
Name(s) of Signer(s)

,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
Signature of Notary Public

ANA E. CHAVEZ PEREZ
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2107702
RIVERSIDE COUNTY
My Comm. Exp. April 19, 2019

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____
Document Date: _____ Number of Pages: _____
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

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Michael Baker
INTERNATIONAL

November 28, 2016

JN 148947

City of Beaumont
Public Works Department
550 E 6th Street
Beaumont, CA 92223

Subject: Sundance – Tract 31469
Monumentation Estimate

To whom it may concern:

The estimated cost for material and labor to install the survey monuments as shown on Tract Map 31469 is $92,000.

Please contact me at 760-346-7481 should any questions arise regarding this cost estimate.

Sincerely,

Christopher Alberts, PLS 8508
Survey Manager
Palm Desert Office

THIS SUBDIVISION CONTAINS:
148 NUMBERED LOTS
8 LETTERED LOTS
156 LOTS TOTAL
30.46 ACRES GROSS

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 31469-10

BEING A SUBDIVISION OF A PORTION OF PARCEL 'D' OF LOT LINE ADJUSTMENT NO. 14-LLA-001 RECORDED JUNE 27, 2014 AS INSTRUMENT NO. 2014-0238627; OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA; BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker
INTERNATIONAL

RECORDER'S STATEMENT

FILED THIS 28TH DAY OF DECEMBER, 2016 AT 2:08 PM. IN BOOK 454 OF MAPS AT PAGES 1-8, AT THE REQUEST OF THE CITY CLERK, CITY OF BEAUMONT.
NO. 2016-0579703
FEE $ 24.00
PETER ALDANA, ASSESSOR-COUNTY CLERK-RECORDER
BY: _____, DEPUTY
SUBDIVISION GUARANTEE: FIRST AMERICAN TITLE COMPANY

OWNER'S STATEMENT

WE HEREBY STATE THAT WE ARE THE OWNERS OF THE LAND INCLUDED WITHIN THE SUBDIVISION SHOWN HEREON; THAT WE ARE THE ONLY PERSONS WHOSE CONSENT IS NECESSARY TO PASS A CLEAR TITLE TO SAID LAND; THAT WE CONSENT TO THE MAKING AND RECORDING OF THIS SUBDIVISION MAP AS SHOWN WITHIN THE DISTINCTIVE BORDER LINE.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR STREET AND PUBLIC UTILITY PURPOSES:
WE HEREBY DEDICATE TO THE CITY OF BEAUMONT AN EASEMENT FOR STREET AND PUBLIC UTILITY PURPOSES OVER LOT "A" (GALAXY DRIVE), LOT "B" (NEPTUNE WAY), LOT "C" (WHITE DWARF DRIVE), LOT "D" AND "H" (TAURUS LANE), LOT "E" (SIRIUS COURT) LOT "F" (TRITON LANE), AND LOT "G" (PLUTO COURT). THE DEDICATION IS FOR STREET AND PUBLIC UTILITY PURPOSES, AS SHOWN WITHIN THIS MAP.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:
WE HEREBY DEDICATE AN EASEMENT TO THE CITY OF BEAUMONT, OVER LOT 143 FOR PUBLIC UTILITY AND DRAINAGE PURPOSES.

~~THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:~~
THE EASEMENTS DESIGNATED AS "5' PUE" OVER LOTS 1 THROUGH 142, INCLUSIVE. THE DEDICATION IS FOR PUBLIC UTILITY PURPOSES.

WE HEREBY RETAIN FOR OPEN SPACE AND LANDSCAPE MAINTENANCE PURPOSES, LOTS 143 THROUGH 148, INCLUSIVE, FOR THE SOLE BENEFIT OF OURSELVES, OUR SUCCESSORS, ASSIGNEES, AND LOT OWNERS WITHIN THIS TRACT MAP.

PARDEE HOMES, A CALIFORNIA CORPORATION

JEFF CHAMBERS
VICE PRESIDENT

MICHAEL C. TAYLOR
DIVISION PRESIDENT

TAX COLLECTOR'S CERTIFICATE

I HEREBY CERTIFY THAT ACCORDING TO THE RECORDS OF THIS OFFICE, AS OF THIS DATE, THERE ARE NO LIENS AGAINST THE PROPERTY SHOWN ON THE WITHIN MAP FOR UNPAID STATE, COUNTY, MUNICIPAL, OR LOCAL TAXES OR SPECIAL ASSESSMENTS COLLECTED AS TAXES, ~~EXCEPT TAXES OR SPECIAL ASSESSMENTS COLLECTED AS TAXES NOW A LIEN BUT NOT YET PAYABLE, WHICH ARE ESTIMATED TO BE $_____~~.
This certification excludes any supplemental not yet extended.
DATED: November 9, 2016

DON KENT, COUNTY TAX COLLECTOR
BY: _____ DEPUTY

TAX BOND CERTIFICATE

I HEREBY CERTIFY THAT A BOND IN THE SUM OF $_____ HAS BEEN EXECUTED AND FILED WITH THE BOARD OF SUPERVISORS OF THE COUNTY OF RIVERSIDE, CALIFORNIA, CONDITIONED UPON THE PAYMENT OF ALL TAXES, STATE, COUNTY, MUNICIPAL, OR LOCAL, AND ALL SPECIAL ASSESSMENTS COLLECTED AS TAXES WHICH AT THE TIME OF FILING OF THIS MAP WITH THE COUNTY RECORDER ARE A LIEN AGAINST SAID PROPERTY BUT NOT YET PAYABLE AND SAID BOND HAS BEEN DULY APPROVED BY SAID BOARD OF SUPERVISORS.

DATED: _____, 20____

CASH OR SURETY TAX BOND
DON KENT
COUNTY TAX COLLECTOR

BY: _____, DEPUTY

SURVEYOR'S STATEMENT

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IS BASED ON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF PARDEE HOMES, A CALIFORNIA CORPORATION, IN APRIL OF 2015. I HEREBY STATE THAT ALL MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED, OR THAT THEY WILL BE SET WITHIN ONE YEAR FROM ACCEPTANCE OF IMPROVEMENTS BY CITY COUNCIL AND THAT THE MONUMENTS ARE, OR WILL BE, SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP, IF ANY. THE SURVEY IS TRUE AND COMPLETE AS SHOWN.

DATED: NOVEMBER 4, 2016

CHRISTOPHER LEE ALBERTS, L.S. 8508

PROFESSIONAL LAND SURVEYOR · CHRISTOPHER L. ALBERTS · LS No. 8508 · STATE OF CALIFORNIA

CITY SURVEYOR'S STATEMENT

THIS MAP CONFORMS TO THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES. I HEREBY STATE THAT THIS MAP HAS BEEN EXAMINED BY ME OR UNDER MY SUPERVISION AND FOUND TO BE SUBSTANTIALLY THE SAME AS IT APPEARED ON THE TENTATIVE MAP OF TRACT MAP 31469, AS FILED, AMENDED, AND APPROVED BY THE CITY COUNCIL ON OCTOBER 14, 2014, THE EXPIRATION DATE BEING AUGUST 17, 2029, AND THAT I AM SATISFIED THIS MAP IS TECHNICALLY CORRECT.

DATED: 11/28, 2016

JAY S. FAHRION, CITY SURVEYOR

PROFESSIONAL LAND SURVEYOR · JAY S. FAHRION · No. LS.8207 · STATE OF CALIFORNIA

NOTARY ACKNOWLEDGEMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA)
COUNTY OF RIVERSIDE) SS.
ON NOVEMBER 7, 2016 BEFORE ME, ANA E. CHAVEZ PEREZ (INSERT NAME), A NOTARY PUBLIC

PERSONALLY APPEARED JEFF CHAMBERS AND MICHAEL C. TAYLOR
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) ~~IS~~/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT ~~HE/SHE~~/THEY EXECUTED THE SAME IN ~~HIS/HER~~/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY ~~HIS/HER~~/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER **PENALTY OF PERJURY**, UNDER THE LAWS OF THE STATE OF CALIFORNIA, THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND

SIGNATURE

ANA E. CHAVEZ PEREZ
PRINT NAME

MY COMMISSION EXPIRES 4/19/19 .

MY PRINCIPAL PLACE OF BUSINESS IS RIVERSIDE COUNTY.

SOILS REPORT NOTE

PRELIMINARY SOILS INVESTIGATION REPORT FOR TENTATIVE TRACT NO. 31469, DATED JANUARY 19, 2007, AS PROJECT NO. 1061442-10, WAS PREPARED BY LGC INLAND, INC, AS REQUIRED BY SECTIONS 17953 OF THE CALIFORNIA HEALTH AND SAFETY CODE AND AS REQUIRED BY SECTION 66434.5 OF THE CALIFORNIA GOVERNMENT CODE. A COPY OF SAID REPORT IS ON FILE FOR PUBLIC INSPECTION IN THE CITY ENGINEERS OFFICE.

NOTARY ACKNOWLEDGEMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF _____)
COUNTY OF _____) SS.
ON _____ BEFORE ME, _____ (INSERT NAME), A NOTARY PUBLIC

PERSONALLY APPEARED _____
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER **PENALTY OF PERJURY**, UNDER THE LAWS OF THE STATE OF CALIFORNIA, THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND

_____
SIGNATURE

_____
PRINT NAME

MY COMMISSION EXPIRES _____ .

MY PRINCIPAL PLACE OF BUSINESS IS _____ COUNTY.

SIGNATURE OMISSIONS NOTE

PURSUANT TO SECTION 66436 OF THE SUBDIVISION MAP ACT, THE SIGNATURES OF THE FOLLOWING OWNERS OF EASEMENTS AND/OR OTHER INTERESTS HAVE BEEN OMITTED:

1) RIVERSIDE ABSTRACT COMPANY, HOLDER OF AN EASEMENT FOR PIPELINE AND INCIDENTAL PURPOSES, RECORDED APRIL 1, 1913, IN BOOK 371, PAGE 177, OF DEEDS (CANNOT BE LOCATED FROM THE RECORD).

BEAUMONT CITY COUNCIL CERTIFICATE

THE CITY OF BEAUMONT, STATE OF CALIFORNIA, BY ITS CITY COUNCIL, HEREBY APPROVES TRACT NO. 31469-10 AND ACCEPTS THE OFFERS OF DEDICATION MADE HEREON FOR PUBLIC ROAD AND PUBLIC UTILITY PURPOSES. THE CITY COUNCIL DECLARES THAT THE ACCEPTANCE OF THE OFFERS IS TO VEST TITLE IN THE CITY ON BEHALF OF THE PUBLIC FOR SAID PURPOSES, BUT THAT SAID ROADS SUBJECT TO IMPROVEMENTS SHALL NOT BECOME PART OF THE CITY MAINTAINED ROAD SYSTEM UNTIL ACCEPTED BY THE CITY PURSUANT TO SECTION 941 OF THE STREETS AND HIGHWAYS CODE, AND PURSUANT TO SECTIONS 66434(G) AND 66499.20.2 OF THE SUBDIVISION MAP ACT, THE APPROVAL AND RECORDATION OF THIS TRACT MAP CONSTITUTES ABANDONMENT OF THOSE PORTIONS AS NOTED HEREON AND AS SHOWN HEREIN ON SHEET 2 HEREOF.

THE EASEMENT FOR STREET AND PUBLIC UTILITY PURPOSES OVER LOT "A" (GALAXY DRIVE), LOT "B" (NEPTUNE WAY), LOT "C" (WHITE DWARF DRIVE), LOT "D" AND "H" (TAURUS LANE), LOT "E" (SIRIUS COURT) LOT "F" (TRITON LANE), AND LOT "G" (PLUTO COURT).

THE EASEMENT FOR PUBLIC UTILITY AND DRAINAGE PURPOSES OVER LOT 143, IS ACCEPTED, SUBJECT TO IMPROVEMENTS.

THE EASEMENT FOR PUBLIC UTILITY PURPOSES SHOWN AS "5' PUE" OVER LOTS 1 THROUGH 142, INCLUSIVE, IS ACCEPTED, SUBJECT TO IMPROVEMENTS.

DATED: December 22, 2016

Deputy

CITY CLERK, CITY OF BEAUMONT, RIVERSIDE COUNTY, CALIFORNIA

ABANDONMENT NOTE

PURSUANT TO SECTION 66434 AND 66499.20.2 OF THE SUBDIVISION MAP ACT, THE APPROVAL AND RECORDATION OF THIS TRACT MAP CONSTITUTES ABANDONMENT OF THE FOLLOWING:

THOSE PORTIONS OF AN EASEMENT FOR STREET AND PUBLIC UTILITY AND INCIDENTAL PURPOSES WITHIN PORTIONS OF STARLIGHT AVENUE, ACQUIRED BY THE CITY OF BEAUMONT AS LOT 'C' OF TRACT NO. 35574, RECORDED IN BOOK 427, PAGES 65 THROUGH 70, INCLUSIVE AND LOT 'E' OF TRACT NO. 35575, RECORDED IN BOOK 427, PAGES 71 THROUGH 76, INCLUSIVE, OF MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, LYING WITHIN THE BOUNDARY OF THIS TRACT MAP. (SEE SHEET 2 HEREOF)

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

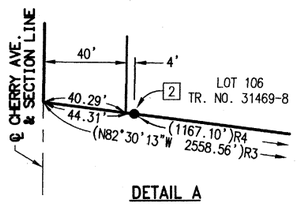
TRACT NO. 31469-10

BEING A SUBDIVISION OF A PORTION OF PARCEL 'D' OF LOT LINE ADJUSTMENT NO. 14-LLA-001 RECORDED JUNE 27, 2014 AS INSTRUMENT NO. 2014-0238627; OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA; BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker INTERNATIONAL

BOUNDARY CONTROL AND SHEET INDEX MAP

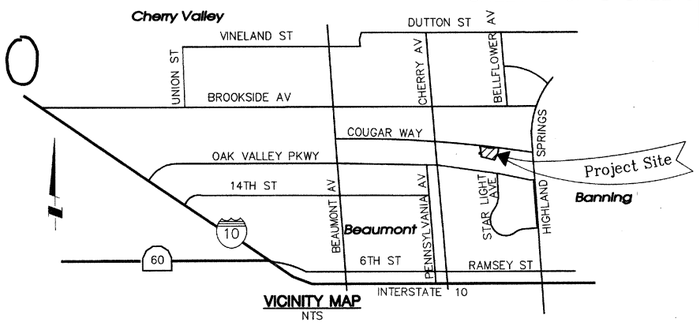
(#) INDICATES SHEET NUMBER



DETAIL A
NO SCALE

BASIS OF BEARINGS NOTE

THE BEARING OF N00°39'07"E ALONG THE CENTERLINE OF CHERRY AVENUE AS SHOWN ON TRACT MAP NO. 35575, M.B. 427/71-76; RECORDS OF RIVERSIDE COUNTY, WAS USED AS THE BASIS OF BEARINGS FOR THIS MAP.



VICINITY MAP
NTS

SURVEYOR'S NOTES:

1. ( )R1 – DENOTES RECORD DATA PER TRACT NO. 31469-1, FILED IN MAP BOOK 445, PAGES 5 THROUGH 11, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
2. ( )R2 – DENOTES RECORD DATA PER TRACT NO. 31469-4, FILED IN MAP BOOK 450, PAGES 33 THROUGH 38, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
3. ( )R3 – DENOTES RECORD DATA PER TRACT NO. 35575, FILED IN MAP BOOK 427, PAGES 71 THROUGH 76, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
4. ( )R4 – DENOTES RECORD DATA PER TRACT NO. 31469-7, FILED IN MAP BOOK 450, PAGES 39 THROUGH 45, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
5. ( )R5 – DENOTES RECORD DATA PER TRACT NO. 31469-8, FILED IN MAP BOOK 453, PAGES 25 THROUGH 31, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
6. ( )R6 – DENOTES RECORD DATA PER TRACT NO. 31469-9, FILED IN MAP BOOK 453, PAGES 98 THROUGH 105, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
7. ALL MONUMENTS SHOWN AS SET WILL BE SET WITHIN ONE YEAR AFTER THE ACCEPTANCE OF IMPROVEMENTS BY THE CITY COUNCIL.
8. SET 1" IRON PIPE TAGGED "L.S. 8508", FLUSH; OR LEAD, TACK AND TAG "L.S. 8508", FLUSH, IN CONCRETE AT ALL REAR LOT CORNERS, REAR AND SIDE LOT ANGLE POINTS AND ENDS OF CURVE. IN LIEU OF FRONT CORNERS AND LOT CORNERS WHICH ABUT A STREET, SET LEAD, TACK AND TAG "L.S. 8508" IN CONCRETE ON A 6.75' OFFSET INSIDE THE STREET RIGHT-OF-WAY ON SIDE LOT LINES PRODUCED.
9. ○ SET 1" IRON PIPE TAGGED "L.S. 8508", FLUSH; OR LEAD, TACK AND TAG "L.S. 8508", FLUSH, IN CONCRETE.
10. △ SET COPPERWELD MONUMENT STAMPED "L.S. 8508", FLUSH.
11. ● DENOTES FOUND MONUMENT AS NOTED AND REFERENCED HEREON:
    - [1] FOUND 1-1/2" BRASS CAP STAMPED "LS 4547, FLUSH, PER TRACT NO. 35575, MB 427/71-76.
    - [2] FOUND 1" IRON PIPE W/TAG "LS 7930", FLUSH IN GROUND PER TRACT NO. 35575, MB 427/71-76. ACCEPTED AS SW CORNER OF LOT 10.
    - [3] FOUND 1" IRON PIPE WITH PIN IN CONCRETE, NO TAG, DN. 0.6' PER TRACT NO. 35575, MB 427/71-76. ACCEPTED AS CENTERLINE INTERSECTION OF CHERRY AVENUE AND OAK VALLEY PARKWAY AND THE S/W CORNER OF SECTION 35. SET TAG STAMPED "LS 8508".
    - [4] COPPERWELD MONUMENT STAMPED "LS 8508" TO BE SET PER TRACT NO. 31470-1, MB 444/47-49.
    - [5] COPPERWELD MONUMENT STAMPED "LS 8508" TO BE SET PER TRACT NO. 31469-1, MB 445/5-11.
    - [6] COPPERWELD MONUMENT STAMPED "LS 8508" OR 1" IRON PIPE TAGGED "L.S. 8508" OR LEAD, TACK AND TAG "L.S. 8508" TO BE SET PER TRACT NO. 31469-4, M.B. 450/33-38.
    - [7] COPPERWELD MONUMENT STAMPED "LS 8508" OR 1" IRON PIPE TAGGED "L.S. 8508" OR LEAD, TACK AND TAG "L.S. 8508" TO BE SET PER TRACT NO. 31469-7, M.B. 450/39-45.
    - [8] COPPERWELD MONUMENT STAMPED "LS 8508" OR 1" IRON PIPE TAGGED "L.S. 8508" OR LEAD, TACK AND TAG "L.S. 8508" TO BE SET PER TRACT NO. 31469-8, M.B. 453/25-31.
    - [9] COPPERWELD MONUMENT STAMPED "LS 8508" OR 1" IRON PIPE TAGGED "L.S. 8508" OR LEAD, TACK AND TAG "L.S. 8508" TO BE SET PER TRACT NO. 31469-9, M.B. 453/98-105.
    - [10] 2" IRON PIPE W/TAG "LS 6185", FLUSH IN GROUND PER TRACT NO. 31893-1, MB 375/45-56.

EASEMENT NOTES:

△1 INDICATES PORTIONS OF AN EASEMENT FOR STREET AND PUBLIC UTILITY AND INCIDENTAL PURPOSES AS DEDICATED ON TRACT 35574 RECORDED IN MB 427/65-70, O.R. AND 35575, RECORDED IN MB 427/71-76, O.R., LYING WITHIN THE BOUNDARY OF THIS TRACT MAP, VACATED HEREON.

5' PUE INDICATES 5' EASEMENT IN FAVOR OF THE CITY OF BEAUMONT FOR PUBLIC UTILITY PURPOSES AND THE MAINTENANCE THEREOF, AS INDICATED HEREON.

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 31469-10

BEING A SUBDIVISION OF A PORTION OF PARCEL 'D' OF LOT LINE ADJUSTMENT NO. 14-LLA-001 RECORDED JUNE 27, 2014 AS INSTRUMENT NO. 2014-0238627; OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA; BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker INTERNATIONAL

DATA TABLE			
NO	BEARING/DELTA	LENGTH	RADIUS
1	(N64°18'35"W	30.73')R2	--
2	(N22°44'55"W	11.75')R2	--
3	(N01°09'10"E	29.75')R2	--
4	(N41°48'56"E	30.32')R2	--
5	(N53°37'02"W	22.20')R4	--
6	(N00°32'42"E	58.66')R4	--
7	(10°23'20"	18.13'	100.00')R4
8	(N10°56'02"E	40.91')R4	--
9	(110°46'39"	116.01'	60.00')R4
10	(N80°09'23"E	40.91')R4	--
11	(10°23'19"	18.13'	100.00')R4
12	(N89°27'18"W	77.05')R4	--
13	(N44°27'18"W	25.46')R4	--
14	(N00°32'42"E	76.35')R6	--
15	(01°28'24"	11.65'	453.00')R6
16	(N00°32'42"E	10.78')R6	--
17	(N23°53'21"E	31.18')R6	--
18	(N00°16'08"E	50.00')R6	--
19	(N39°32'12"W	23.43')R6	--
20	(N00°16'08"E	78.00')R6	--
21	(N47°39'18"E	33.97')R6	--
22	(22°46'58"	168.99'	425.00')R6
23	(N22°14'16"W	47.93')R6	--
24	(22°30'24"	137.49'	350.00')R6

NOTE:
SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

TRACT BOUNDARY

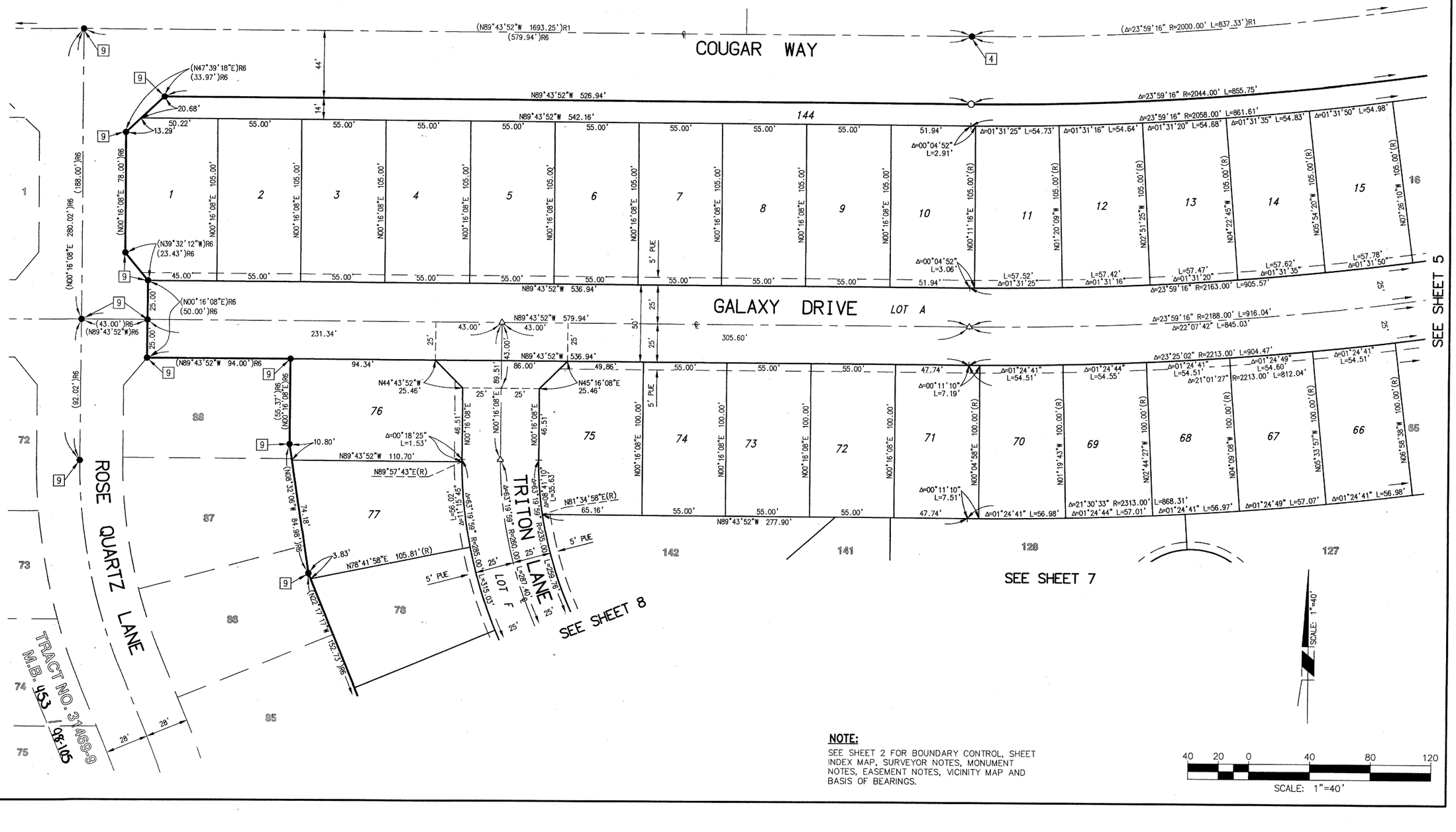
SCALE: 1"=100'

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 31469-10

BEING A SUBDIVISION OF A PORTION OF PARCEL 'D' OF LOT LINE ADJUSTMENT NO. 14-LLA-001 RECORDED JUNE 27, 2014 AS INSTRUMENT NO. 2014-0238627; OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA; BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker INTERNATIONAL



NOTE:

SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

City 454 5

SHEET 5 OF 8 SHEETS

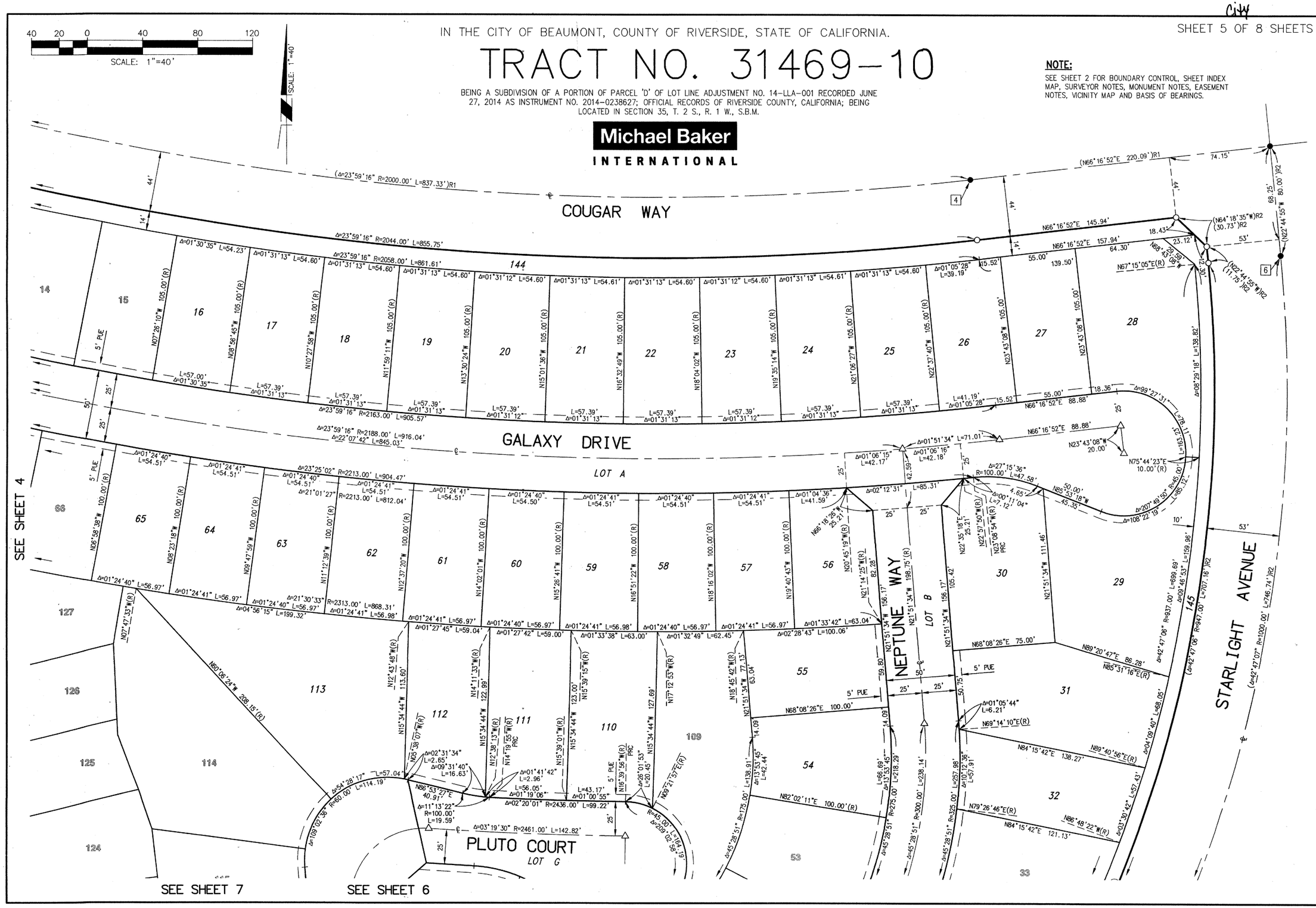
IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 31469-10

BEING A SUBDIVISION OF A PORTION OF PARCEL 'D' OF LOT LINE ADJUSTMENT NO. 14-LLA-001 RECORDED JUNE 27, 2014 AS INSTRUMENT NO. 2014-0238627; OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA; BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker INTERNATIONAL

NOTE:
SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.



IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

SHEET 6 OF 8 SHEETS

TRACT NO. 31469-10

BEING A SUBDIVISION OF A PORTION OF PARCEL 'D' OF LOT LINE ADJUSTMENT NO. 14-LLA-001 RECORDED JUNE 27, 2014 AS INSTRUMENT NO. 2014-0238627; OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA; BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

NOTE:

SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

Michael Baker INTERNATIONAL

DATA TABLE			
(N)	BEARING/DELTA	LENGTH	RADIUS
1	S50°03'15"E	36.24'	--
2	S51°08'40"W	36.24'	--
3	00°41'11"	14.59'	1218.00'
4	Δ=01°56'19"	2.54'	75.00'
5	07°40'39"	10.05'	75.00'

DETAIL B
NO SCALE

SCALE 1"=40'

SCALE: 1"=40'

SEE SHEET 5

SEE SHEET 5

SEE SHEET 7

PLUTO COURT

LOT G

LOT D

LOT C

LOT H

NEPTUNE WAY

STARLIGHT AVENUE

TAURUS LANE

TAURUS LN.

WHITE DWARF DRIVE

MOONSTONE AVENUE

SEE DETAIL B ABOVE LEFT

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

SHEET 7 OF 8 SHEETS

TRACT NO. 31469-10

BEING A SUBDIVISION OF A PORTION OF PARCEL 'D' OF LOT LINE ADJUSTMENT NO. 14-LLA-001 RECORDED JUNE 27, 2014 AS INSTRUMENT NO. 2014-0238627; OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA; BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker INTERNATIONAL

SCALE: 1"=40'

40 20 0 40 80 120

SCALE: 1"=40'

NOTE:

SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

DATA TABLE			
NO	BEARING/DELTA	LENGTH	RADIUS
1	00°14'08"	9.51'	2313.00'
2	00°16'48"	7.22'	---
3	00°16'48"	7.21'	---
4	10°23'18"	18.13'	100.00'
5	N51°08'40"E	36.24'	---
6	N51°08'40"E	21.82'	---
7	N51°08'40"E	14.41'	---
8	17°36'01"	30.72'	100.00'

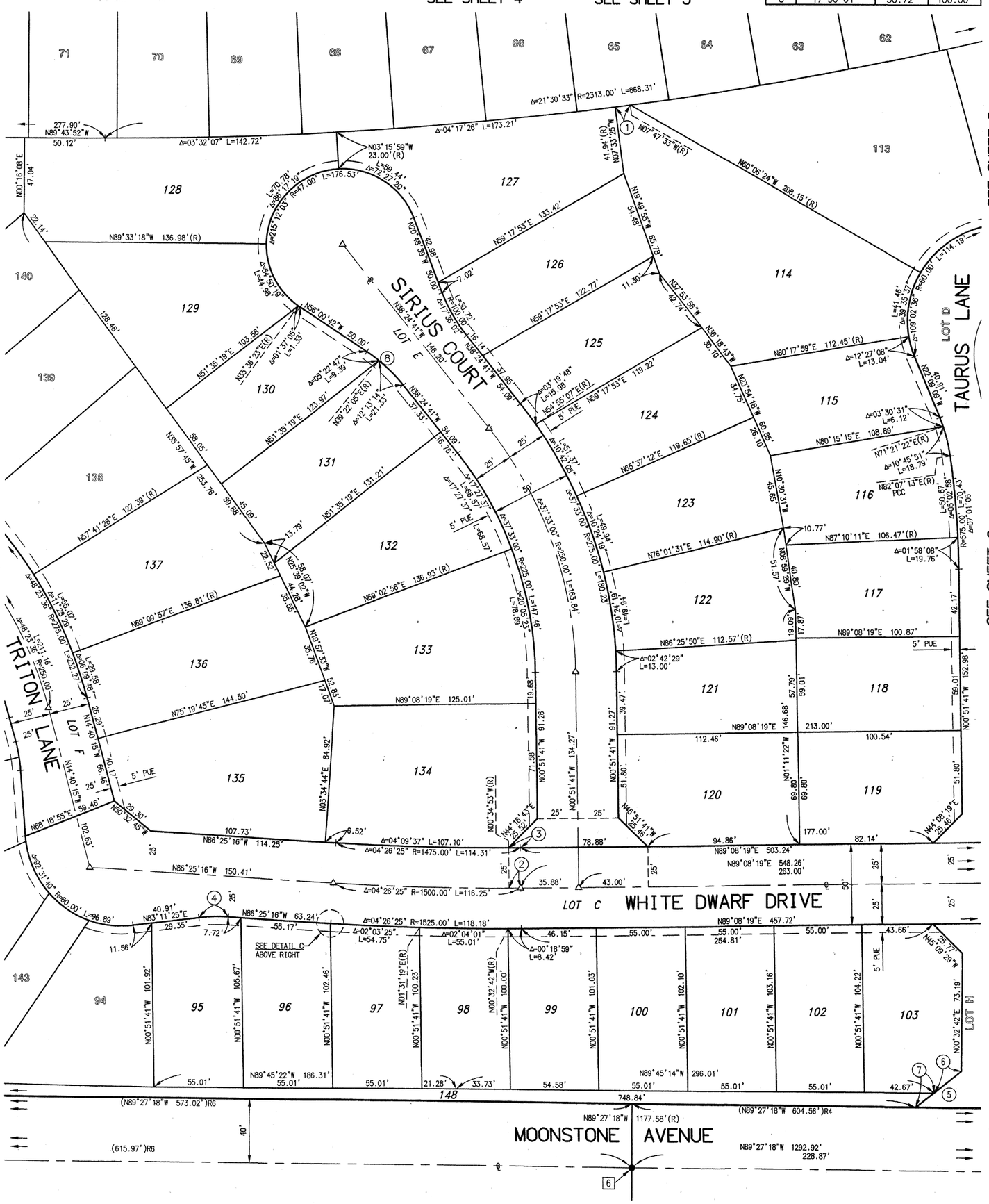
LOT C

N86°25'16"W 63.24'
55.17'
0.35'
Δ=02°03'25"
L=54.75'
96
97
102.46'
N00°51'41"W

DETAIL C
NO SCALE

SEE SHEET 4
SEE SHEET 5
SEE SHEET 8
SEE SHEET 6

SIRIUS COURT
LOT E
TAURUS LANE
LOT D
TRITON LANE
LOT F
WHITE DWARF DRIVE
LOT C
MOONSTONE AVENUE
LOT H



IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

SHEET 8 OF 8 SHEETS

TRACT NO. 31469-10

BEING A SUBDIVISION OF A PORTION OF PARCEL 'D' OF LOT LINE ADJUSTMENT NO. 14-LLA-001 RECORDED JUNE 27, 2014 AS INSTRUMENT NO. 2014-0238627; OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA; BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker INTERNATIONAL

SCALE: 1"=40'

40 20 0 40 80 120

SCALE: 1"=40'

DETAIL D
NO SCALE

DETAIL E
NO SCALE

DATA TABLE			
NO	BEARING/DELTA	LENGTH	RADIUS
1	(01°28'24"	11.65'	453.00')R6
2	(10°23'19"	8.13'	100.00')R4
3	(10°23'20"	18.13'	100.00')R4
4	(N53°37'02"W	22.20')R4	--
5	10°23'19"	18.13'	100.00'

SEE SHEET 4

SEE SHEET 7

TRACT NO. 31469-9 M.B. 453 / 98-105

TRACT NO. 31469-7 M.B. 450/39-45

ROSE QUARTZ LANE

TRITON LANE

LOT F

PUMICE LANE

RUBY LANE

WHITE DWARF DRIVE

LOT C

MOONSTONE AVENUE

NOTE:
SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

Michael Baker
INTERNATIONAL

February 19, 2021 JN 152405

City of Beaumont
550 East 6th Street
Beaumont, CA 92223
Attn: City Surveyor

Subject: Tract No. 31469-10, M.B. 454/1-8
PW # 2016-3553
Survey Monumentation

To whom it may concern:

The monuments required for the release of surety bonds on the above referenced tract map have been set in accordance with City requirements. Michael Baker International has been paid for our services to place the monuments as shown on the said tract map. Signed and stamped monument tie sheets and a copy of the final map are enclosed for your use.

If you have any questions on this matter, please contact this office at 760-346-7481.

Sincerely,

2-19-2021

Christopher L. Alberts Date
P.L.S. 8508

75-410 Gerald Ford Drive, Suite 100 | Palm Desert, CA 92211
Office: 760.346.7481 | Fax: 760.346.8315

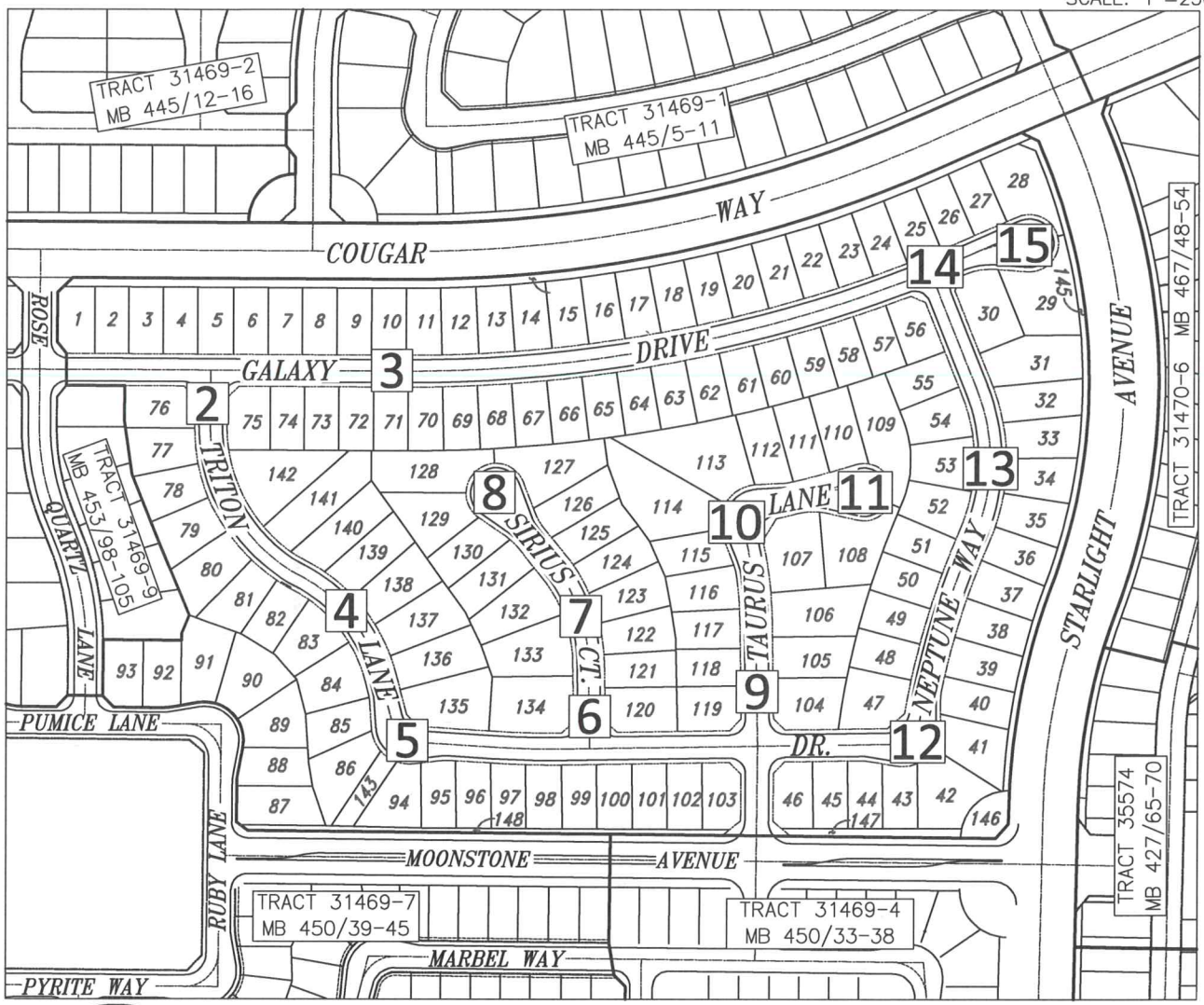
TRACT 31469-10
M.B. 454/1-8

SHEET 1 OF 15 SHEETS

LEGEND

[X] INDICATES SHEET NO.

SCALE: 1"=250'



PROFESSIONAL LAND SURVEYOR
CHRISTOPHER L. ALBERTS
LS No. 8508
STATE OF CALIFORNIA

CHRISTOPHER L. ALBERTS L.S. 8508

02/19/2021
DATE

Michael Baker
INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

MONUMENT TIE SHEET
TRACT NO. 31469-10
M.B. 454/1-8

L.S. NO. 8508
DATE: 02/19/2021

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=250'
JOB NO. 152405

SHEET 2 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

LEGEND

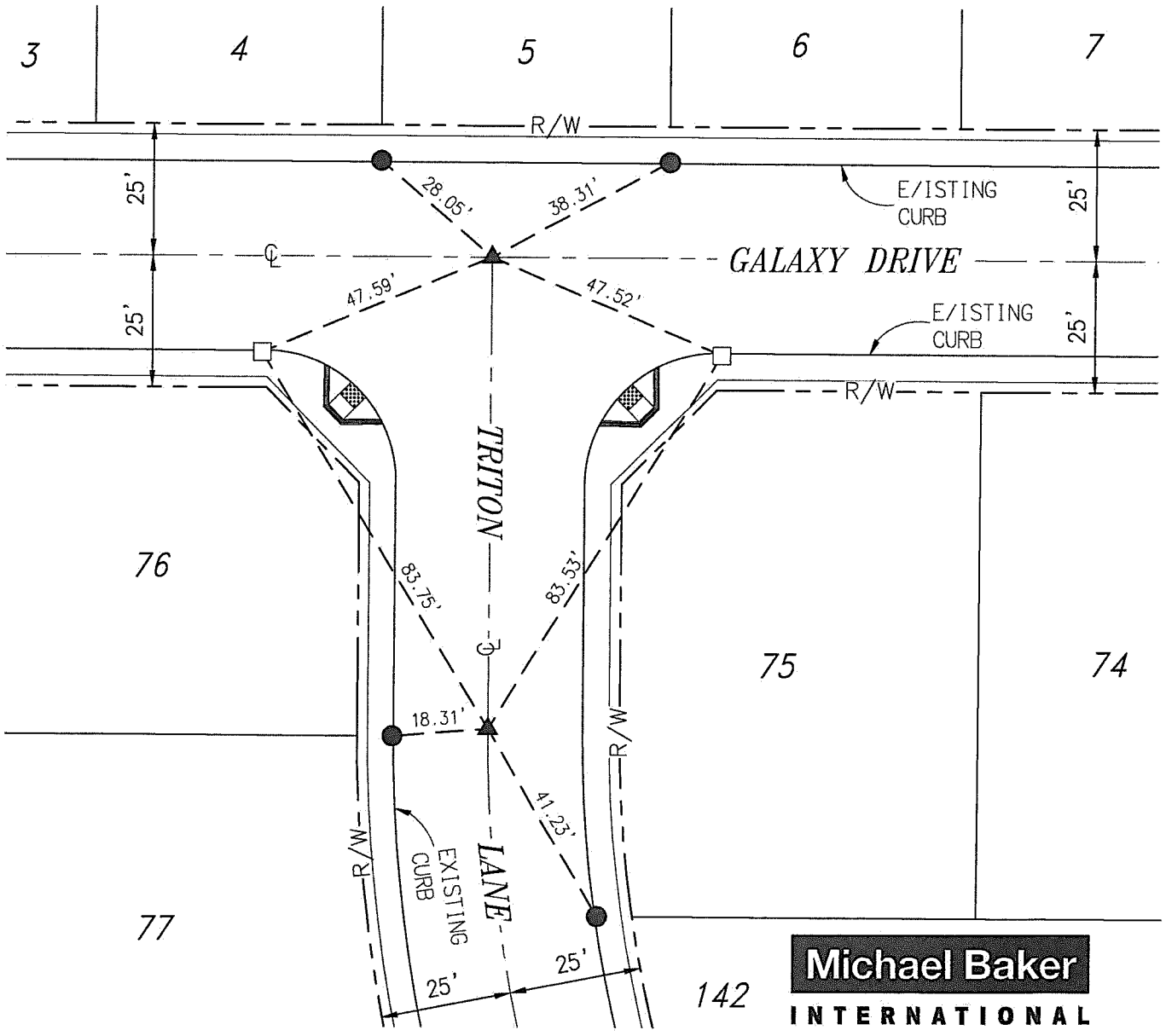
▲ INDICATES COPPERWELD MONUMENT STAMPED "LS 8508", FLUSH PER TRACT 31469-10, M.B. 454/1-8.

● INDICATES LEAD, TACK & TAG STAMPED "LS 8508", FLUSH ON TOP OF CURB PER TRACT 31469-10, M.B. 451/1-8.

□ INDICATES SET LEAD, TACK & TAG STAMPED "LS 8508 RP", FLUSH ON TOP OF CURB.

N

SCALE: 1"=30'



Michael Baker INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

L.S. NO. 8508 DATE: 02/19/2021	**MONUMENT TIE SHEET** TRACT NO. 31469-10 M.B. 454/1-8	SCALE: 1"=30' JOB NO. 152405
	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	

SHEET 3 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

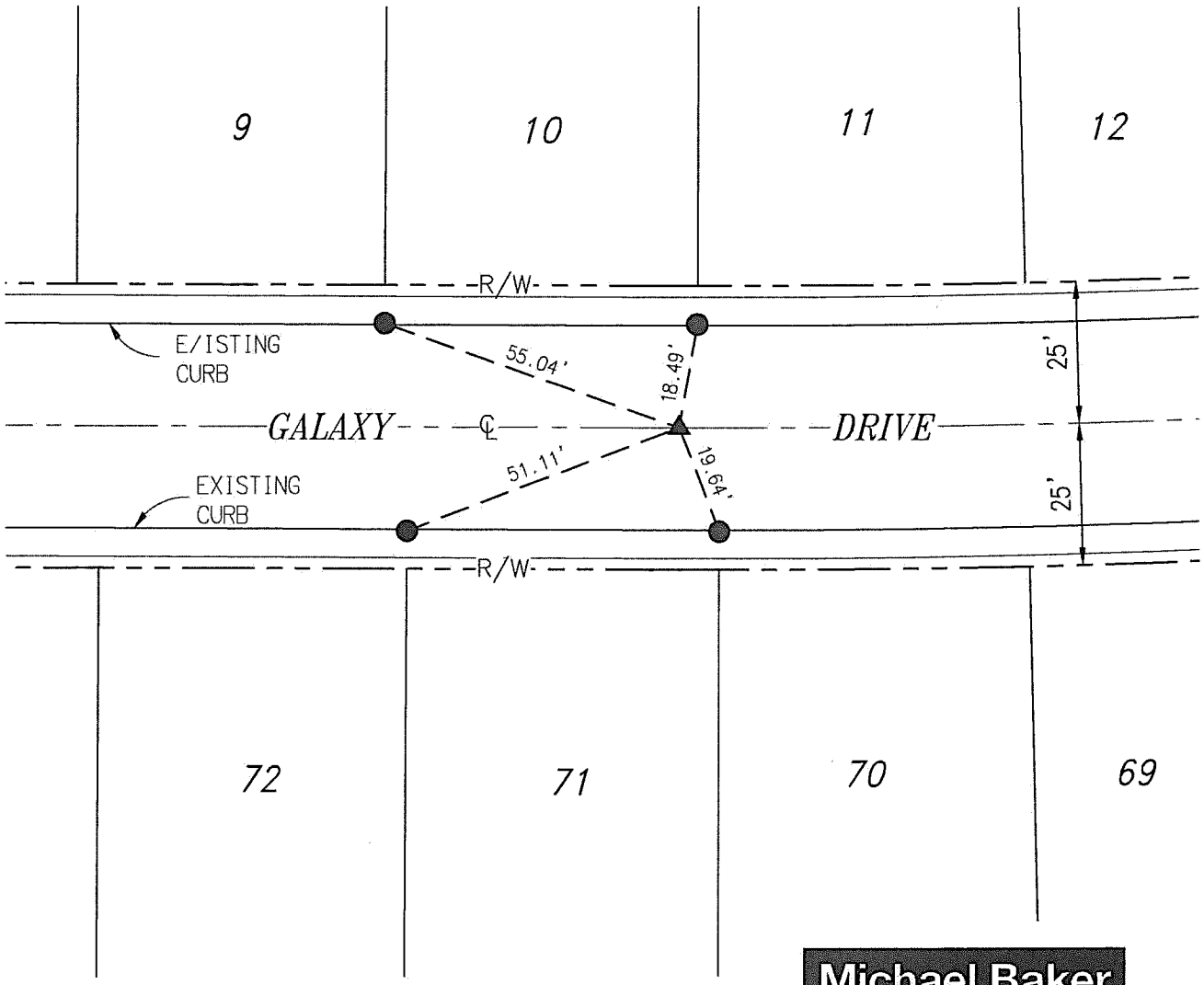
LEGEND

▲ INDICATES COPPERWELD MONUMENT STAMPED "LS 8508", FLUSH PER TRACT 31469-10, M.B. 454/1-8.

● INDICATES LEAD, TACK & TAG STAMPED "LS 8508", FLUSH ON TOP OF CURB PER TRACT 31469-10, M.B. 454/1-8.

N

SCALE: 1"=30'



Michael Baker
INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

L.S. NO. 8508 DATE: 02/19/2021	MONUMENT TIE SHEET TRACT NO. 31469-10 M.B. 454/1-8 ENGINEERING DEPARTMENT CITY OF BEAUMONT	SCALE: 1"=30' JOB NO. 152405

TRACT 31469-10
M.B. 454/1-8

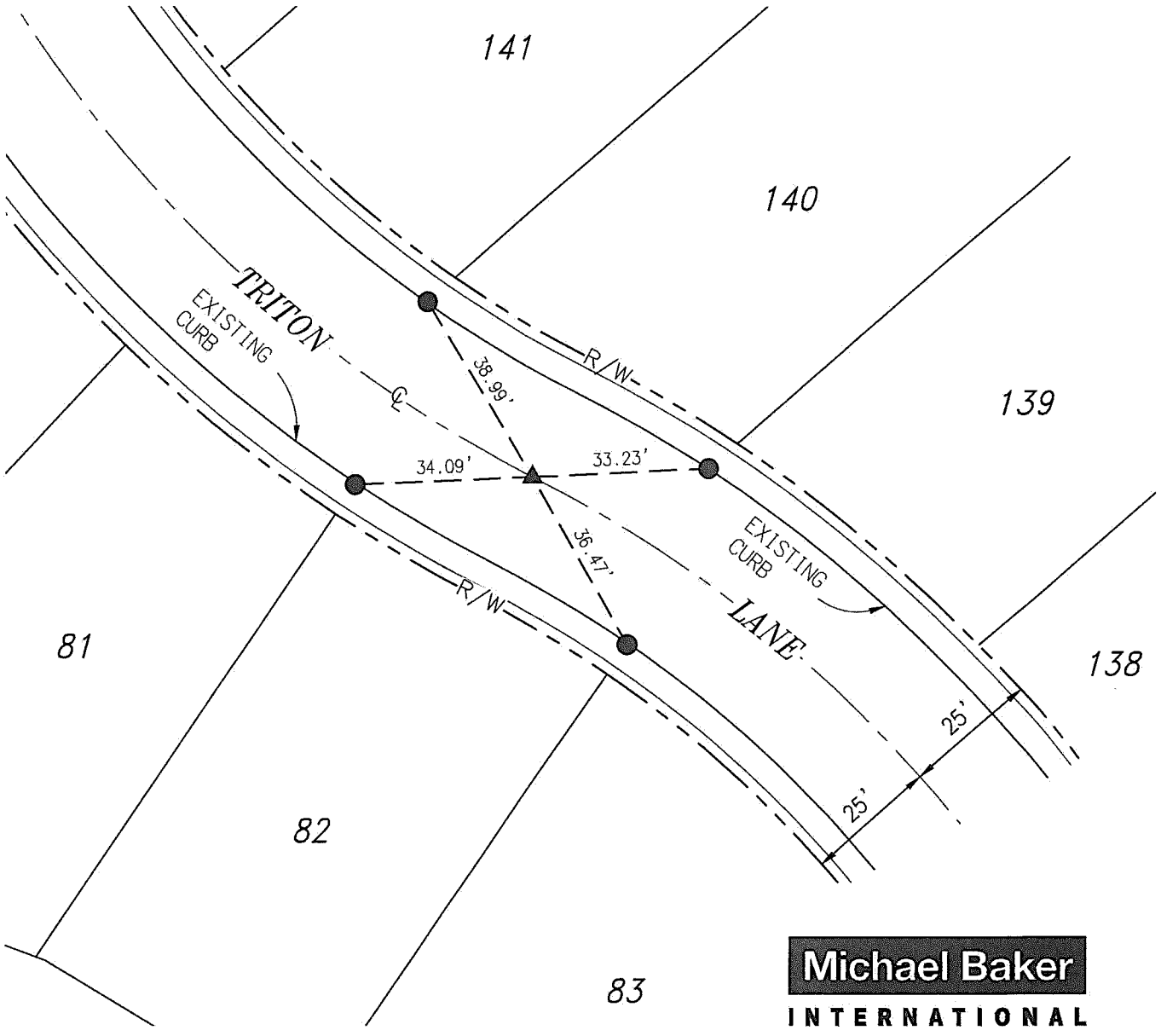
LEGEND

▲ INDICATES COPPERWELD MONUMENT STAMPED "LS 8508", FLUSH PER TRACT 31469-10, M.B. 454/1-8.

● INDICATES LEAD, TACK & TAG STAMPED "LS 8508", FLUSH ON TOP OF CURB PER TRACT 31469-10, M.B. 454/1-8.

N

SCALE: 1"=30'



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L.S. NO. 8508
DATE: 02/19/2021

MONUMENT TIE SHEET
TRACT NO. 31469-10
M.B. 454/1-8

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=30'
JOB NO. 152405

SHEET 5 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

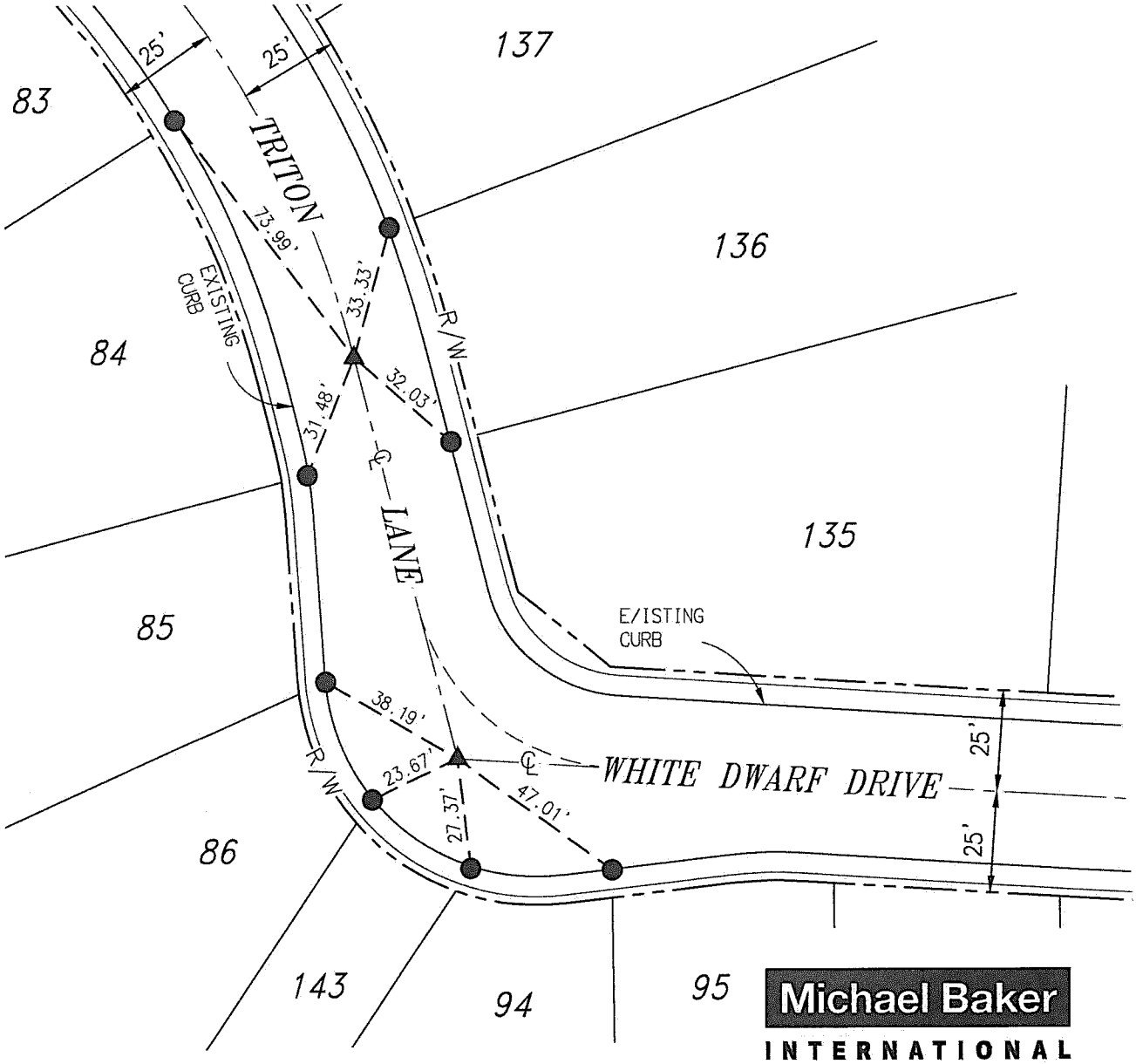
LEGEND

▲ INDICATES COPPERWELD MONUMENT STAMPED "LS 8508", FLUSH PER TRACT 31469-10, M.B. 454/1-8.

● INDICATES LEAD, TACK & TAG STAMPED "LS 8508", FLUSH ON TOP OF CURB PER TRACT 31469-10, M.B. 454/1-8.

N

SCALE: 1"=40'



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L.S. NO. 8508 DATE: 02/19/2021	**MONUMENT TIE SHEET** TRACT NO. 31469-10 M.B. 454/1-8	SCALE: 1"=40' JOB NO. 152405
	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	

SHEET 6 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

LEGEND

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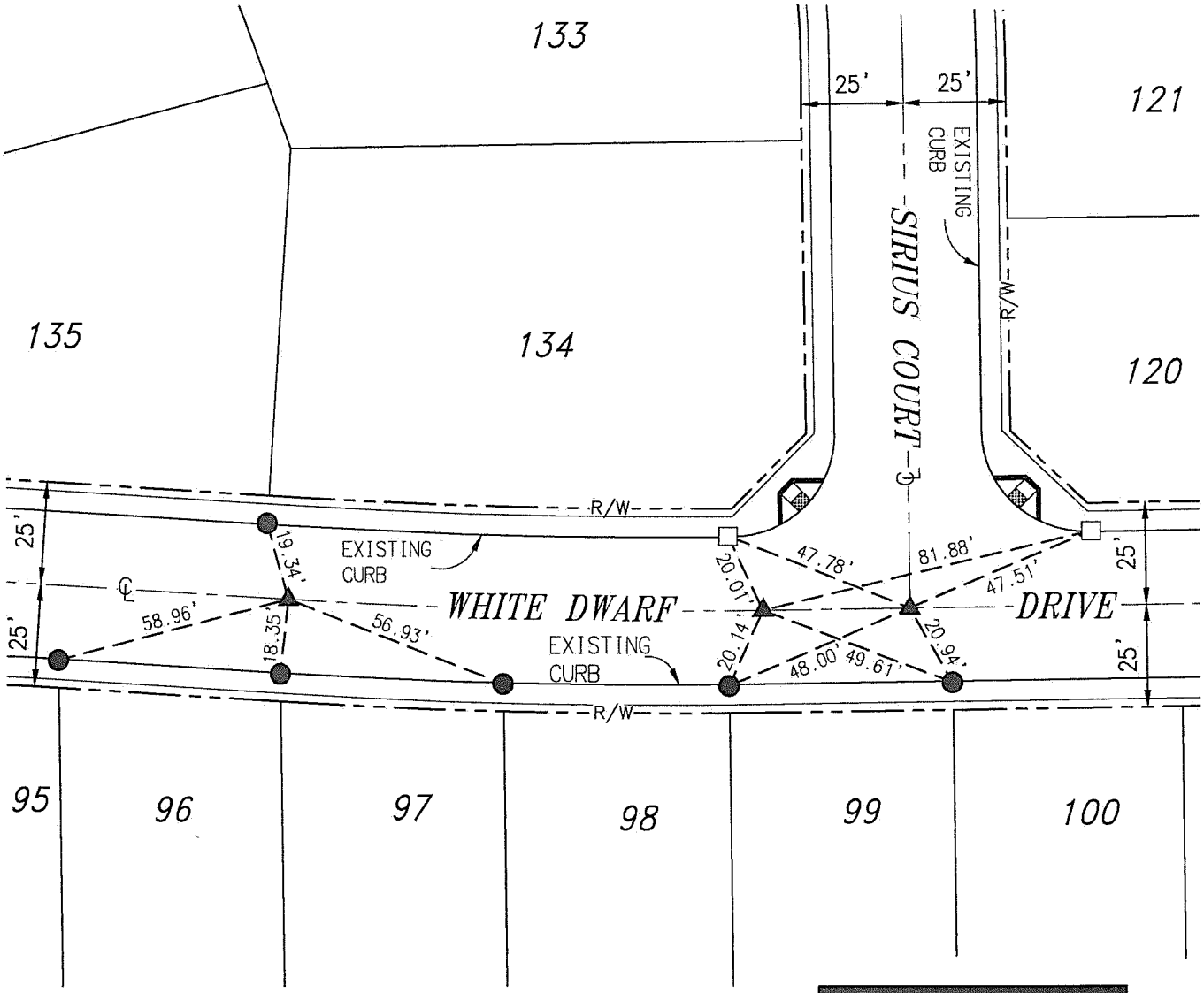
□ INDICATES SET LEAD, TACK & TAG STAMPED "LS 8508 RP", FLUSH ON TOP OF CURB.

N

SCALE: 1"=40'



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	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	

SHEET 7 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

LEGEND

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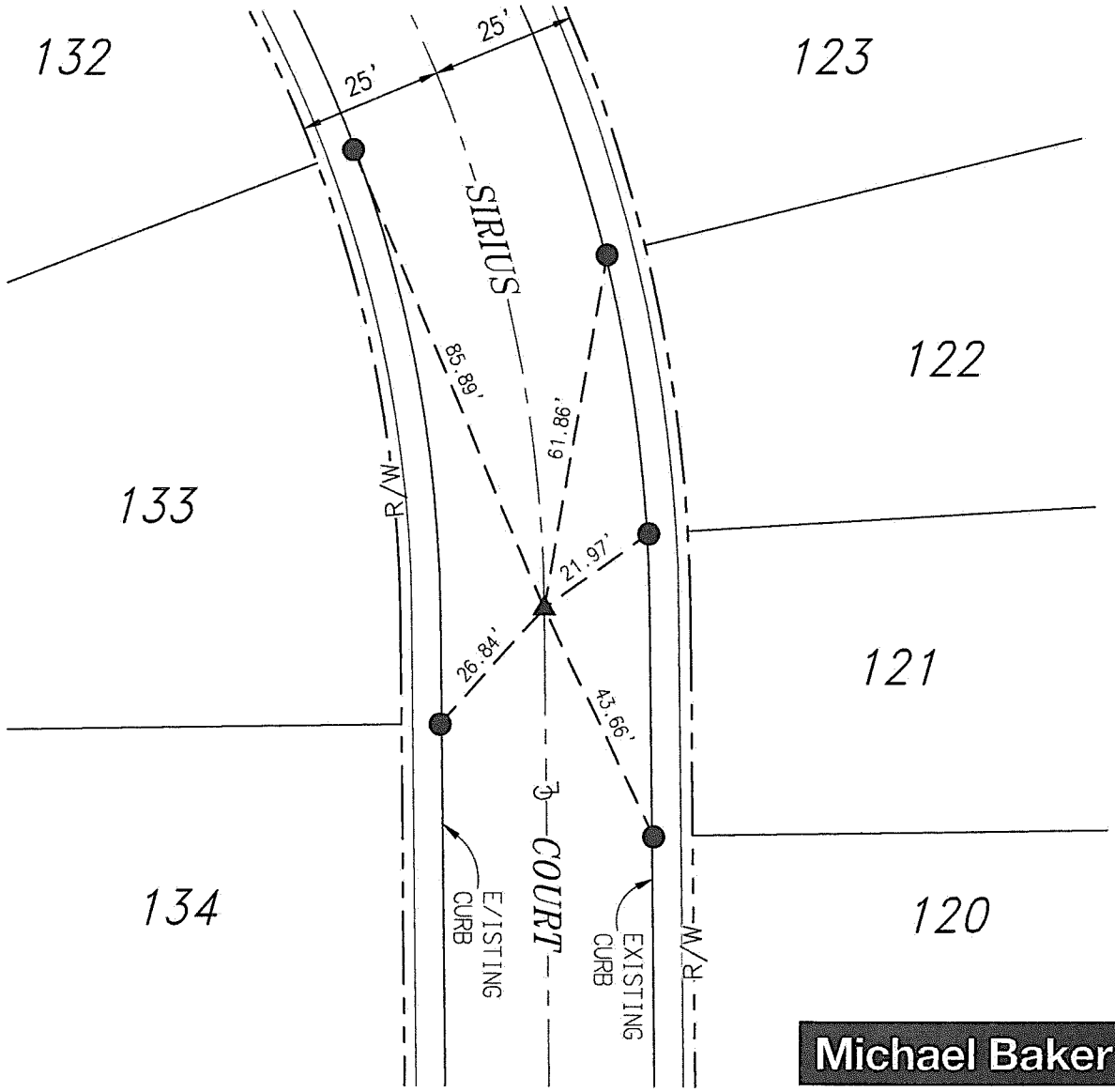
N

SCALE: 1"=30'



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L.S. NO. 8508
DATE: 02/19/2021

MONUMENT TIE SHEET
TRACT NO. 31469-10
M.B. 454/1-8

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=30'
JOB NO. 152405

SHEET 8 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

LEGEND

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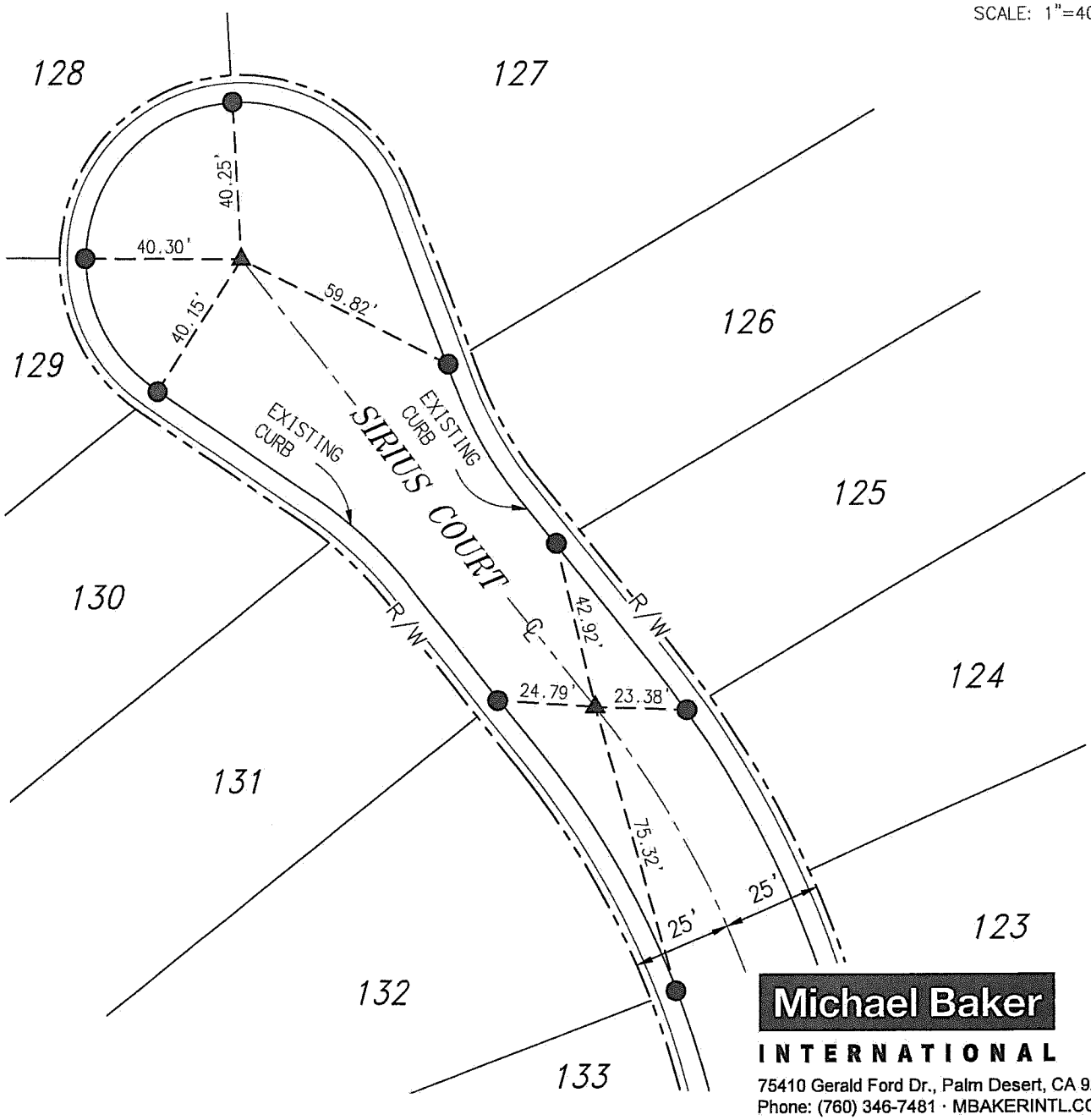
SCALE: 1"=40'



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L.S. NO. 8508
DATE: 02/19/2021

MONUMENT TIE SHEET
TRACT NO. 31469-10
M.B. 454/1-8

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=40'
JOB NO. 152405

TRACT 31469-10
M.B. 454/1-8

LEGEND

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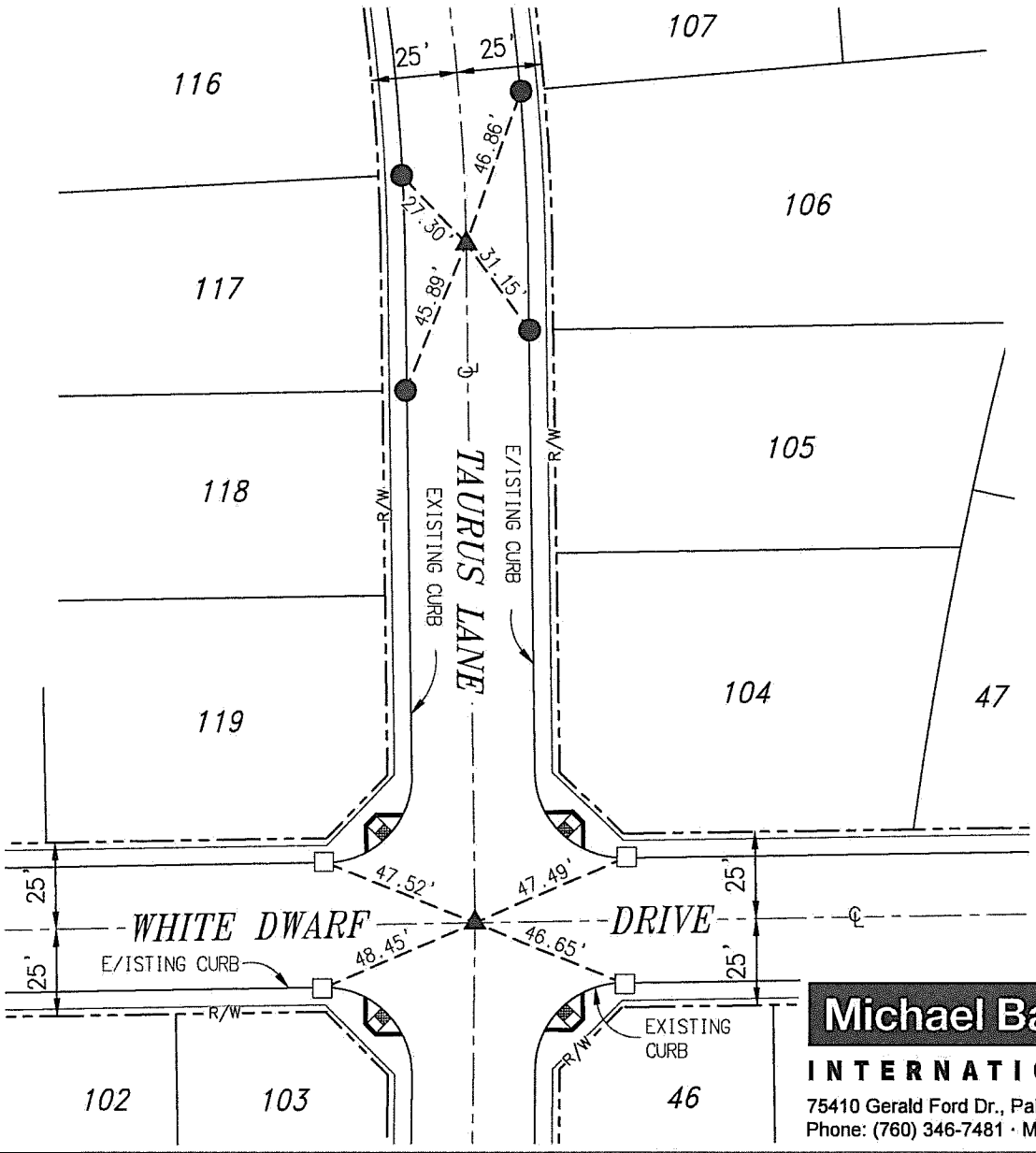
N

SCALE: 1"=50'



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MONUMENT TIE SHEET

TRACT NO. 31469-10
M.B. 454/1-8

L.S. NO. 8508
DATE: 02/19/2021

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=50'
JOB NO. 152405

SHEET 10 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

LEGEND

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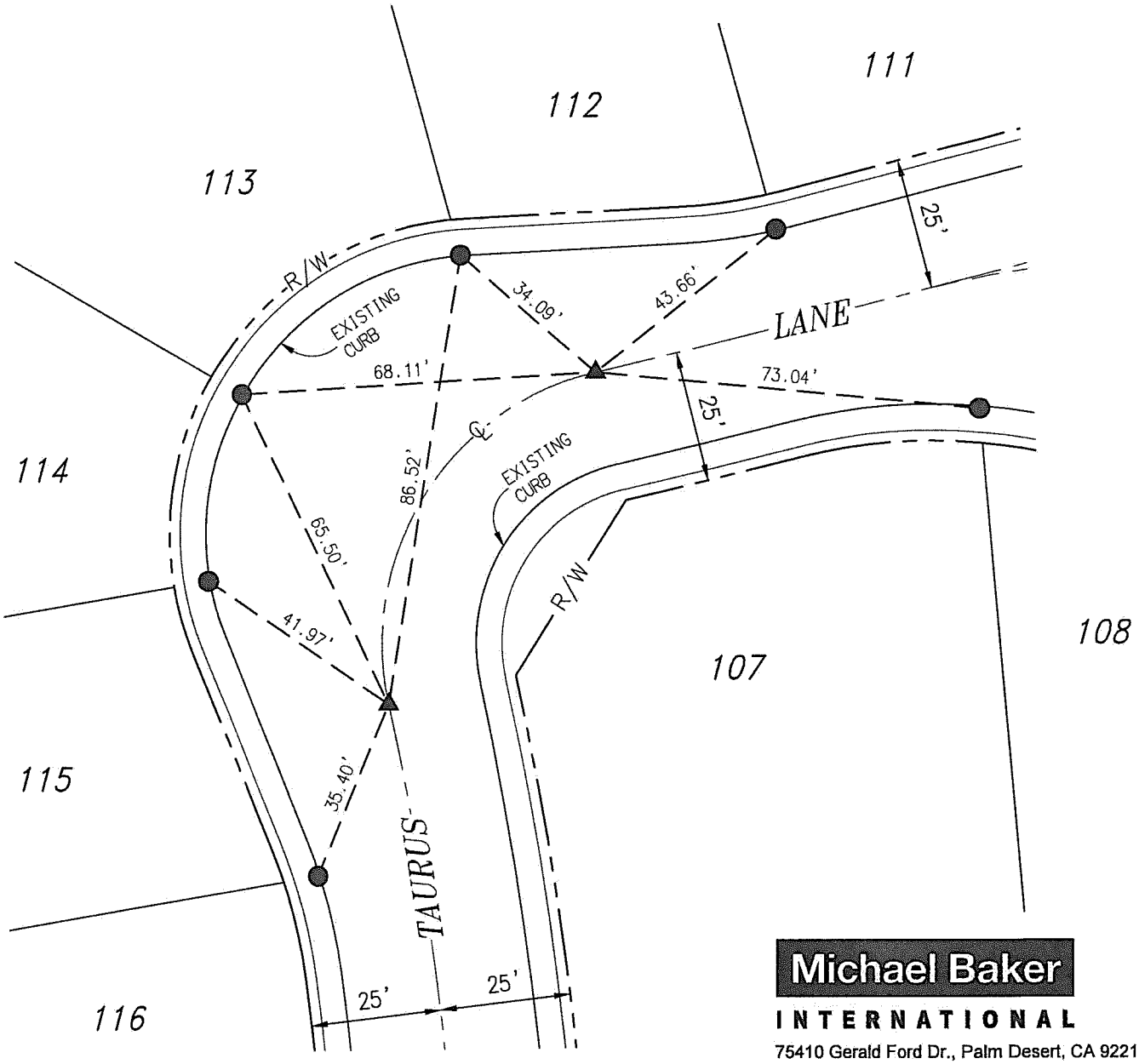
SCALE: 1"=30'



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L.S. NO. 8508 DATE: 02/19/2021	**MONUMENT TIE SHEET** TRACT NO. 31469-10 M.B. 454/1-8	SCALE: 1"=30' JOB NO. 152405
	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	

SHEET 11 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

LEGEND

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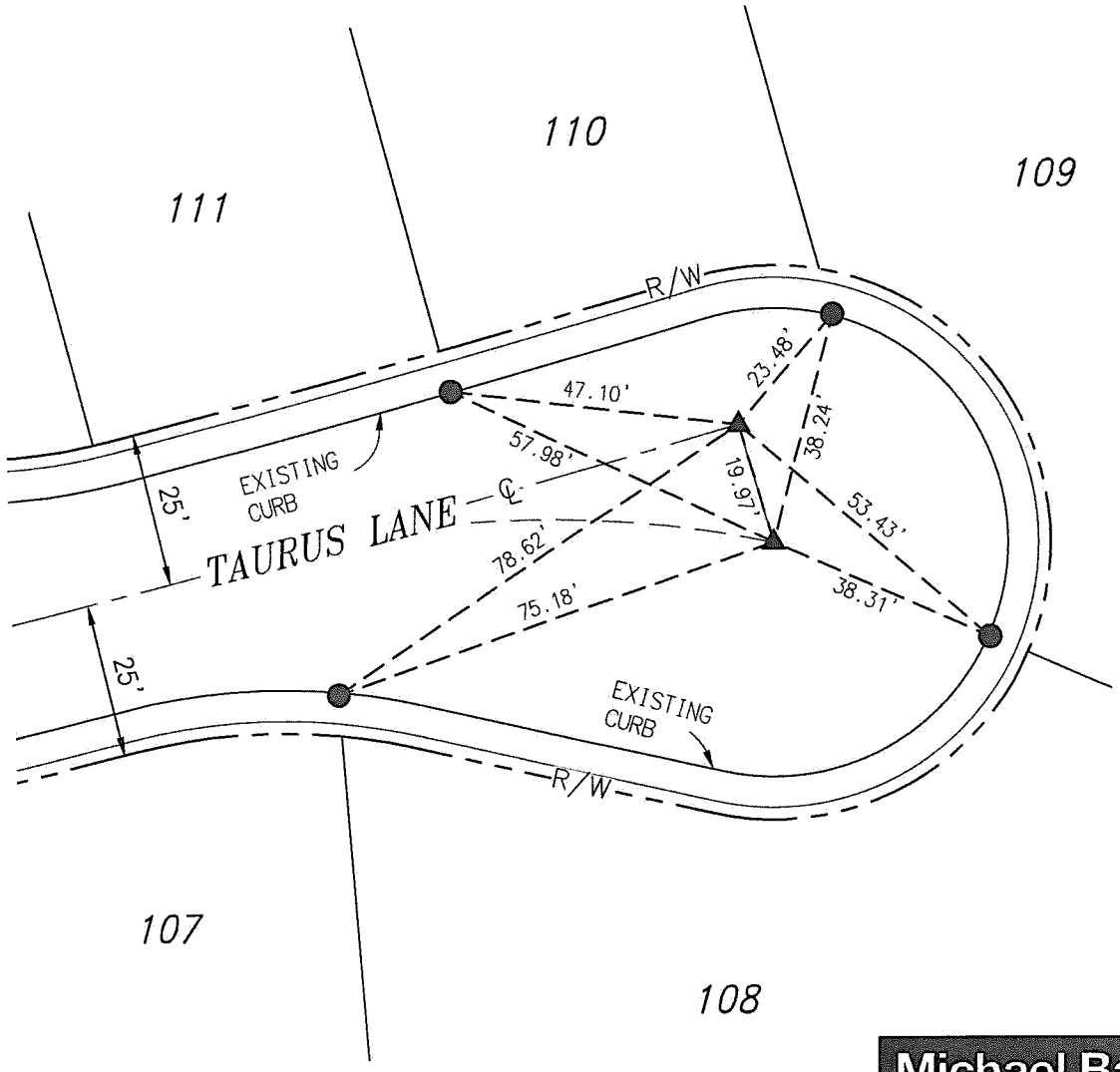
SCALE: 1"=30'



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L.S. NO. 8508
DATE: 02/19/2021

MONUMENT TIE SHEET

TRACT NO. 31469-10
M.B. 454/1-8

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=30'
JOB NO. 152405

TRACT 31469-10
M.B. 454/1-8

LEGEND

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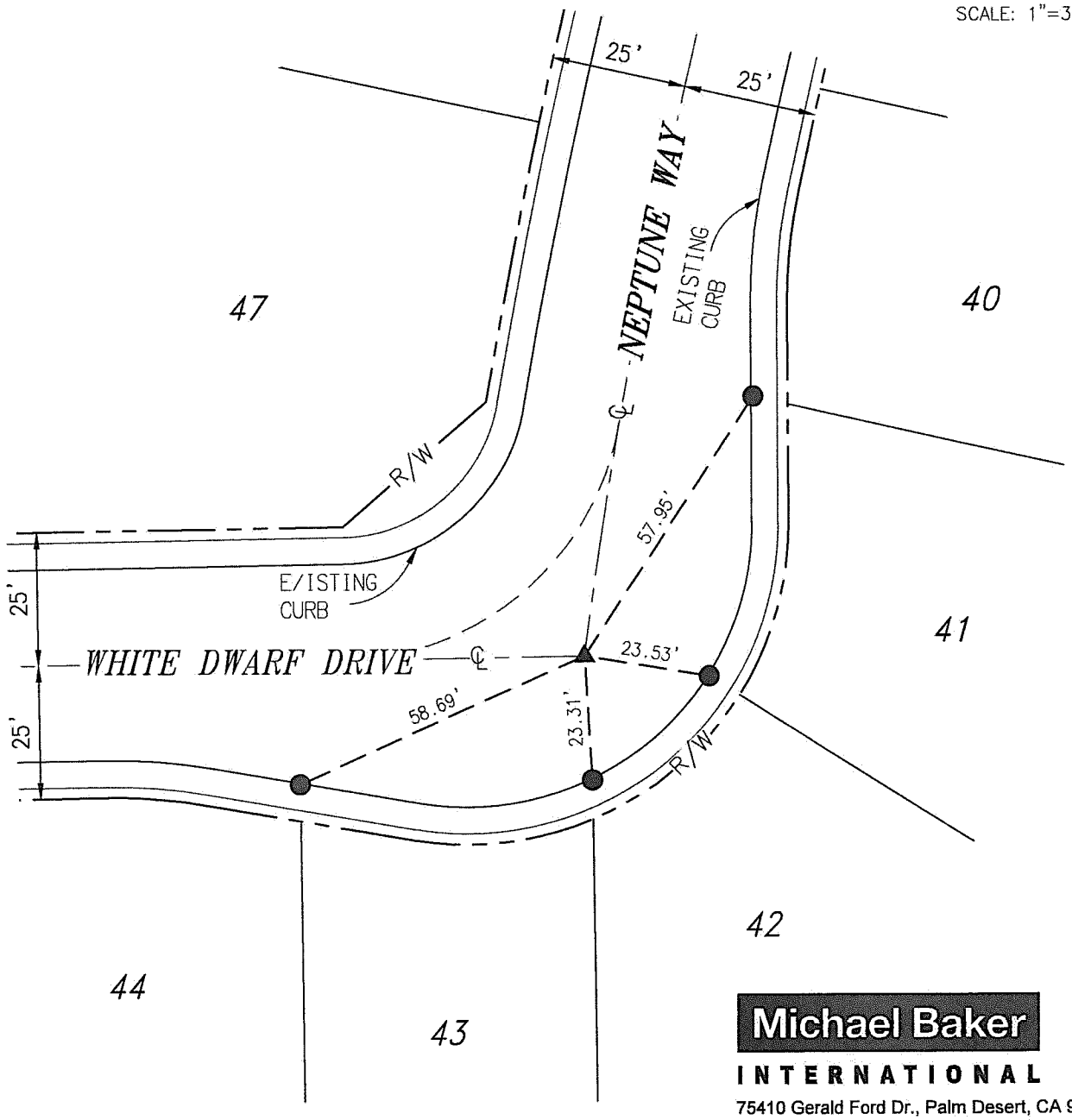
SCALE: 1"=30'



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L.S. NO. 8508 DATE: 02/19/2021	**MONUMENT TIE SHEET** TRACT NO. 31469-10 M.B. 454/1-8 ENGINEERING DEPARTMENT — CITY OF BEAUMONT	SCALE: 1"=30' JOB NO. 152405

SHEET 13 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

LEGEND

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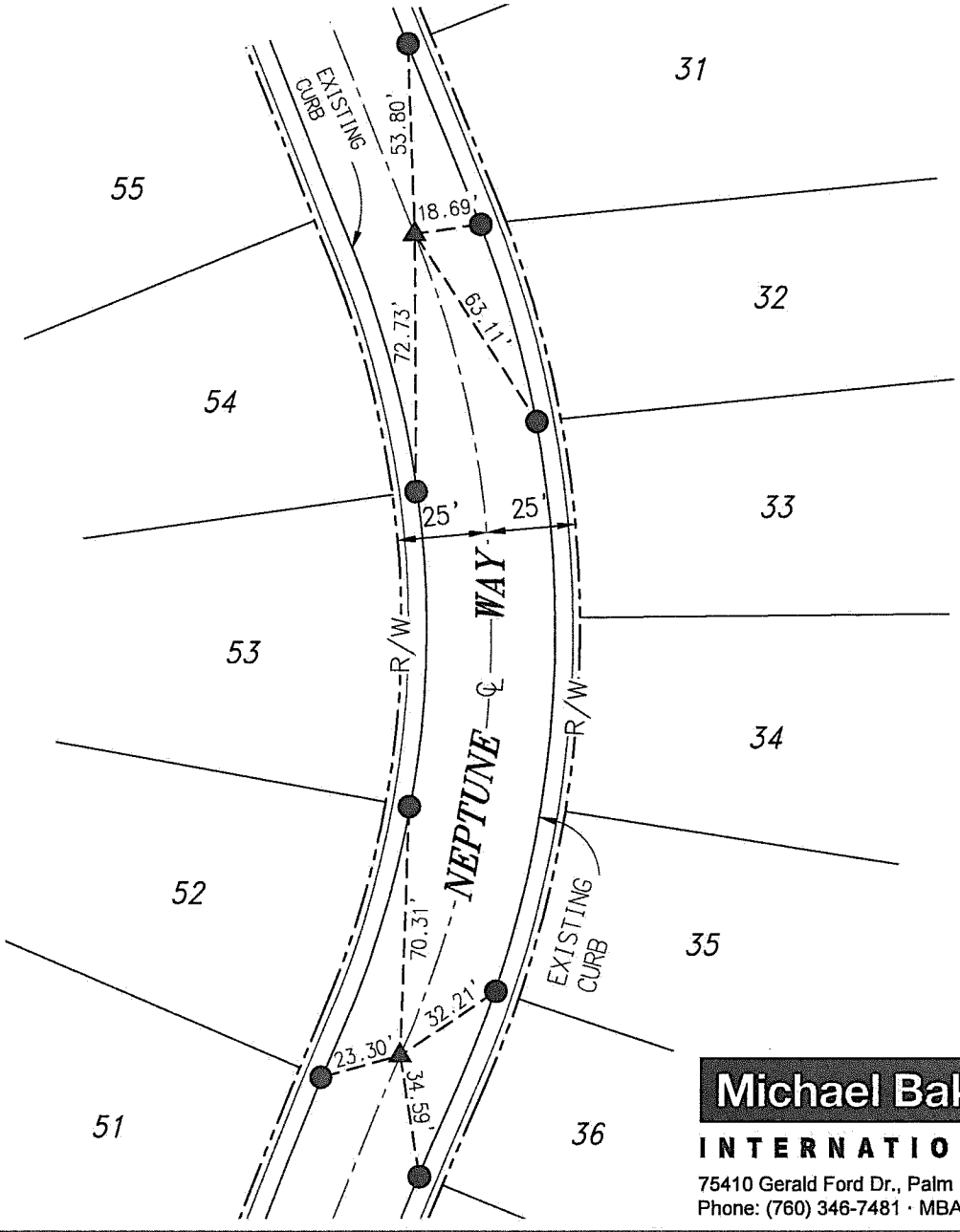
SCALE: 1"=30'



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L.S. NO. 8508 DATE: 02/19/2021	**MONUMENT TIE SHEET** TRACT NO. 31469-10 M.B. 454/1-8 ENGINEERING DEPARTMENT — CITY OF BEAUMONT	SCALE: 1"=30' JOB NO. 152405

SHEET 14 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

LEGEND

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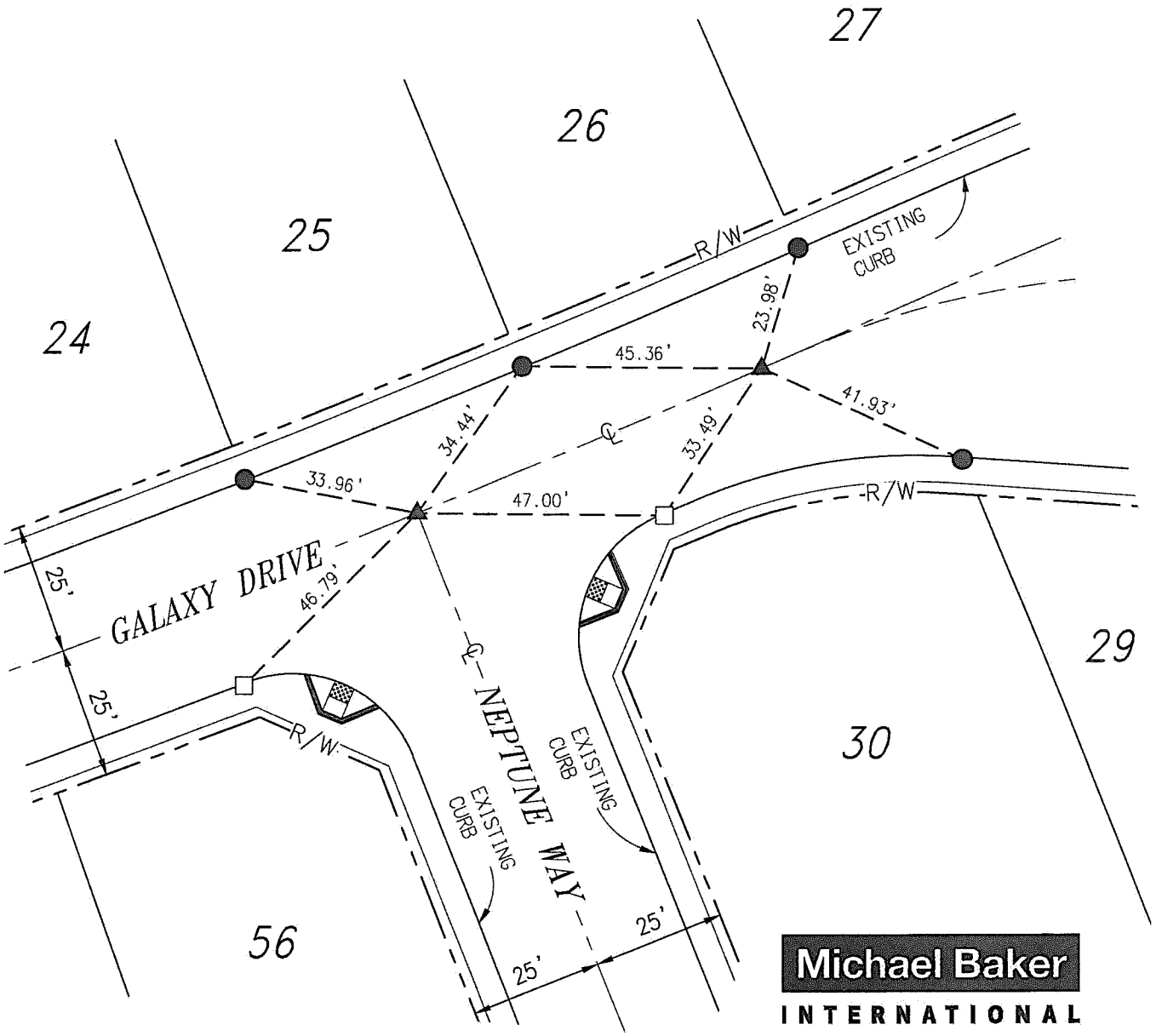
□ INDICATES SET LEAD, TACK & TAG STAMPED "LS 8508 RP", FLUSH ON TOP OF CURB.

N

SCALE: 1"=30'



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L.S. NO. 8508 DATE: 02/19/2021	**MONUMENT TIE SHEET** TRACT NO. 31469-10 M.B. 454/1-8	SCALE: 1"=30' JOB NO. 152405
	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	

SHEET 15 OF 15 SHEETS

TRACT 31469-10
M.B. 454/1-8

LEGEND

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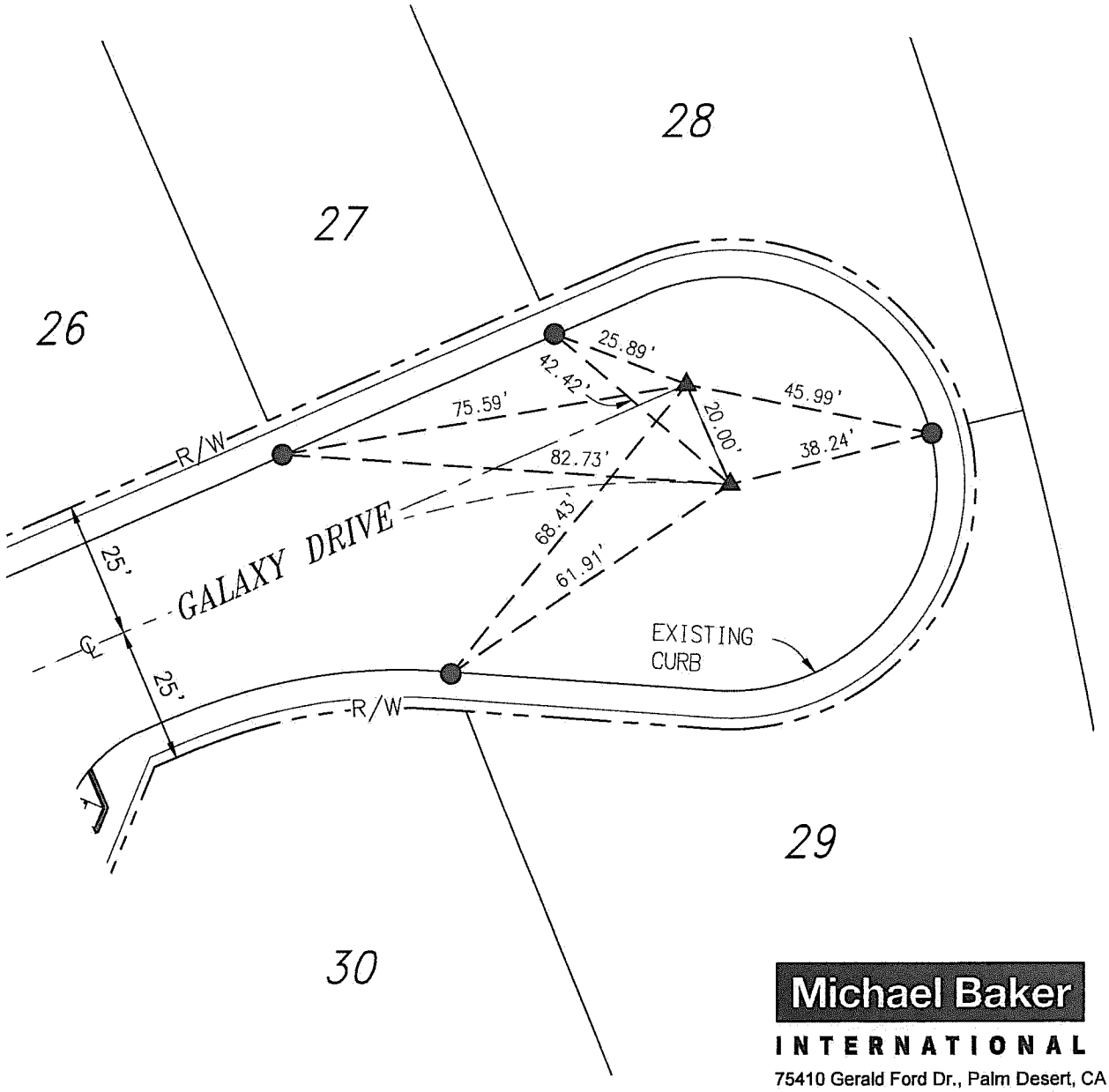
SCALE: 1"=30'



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	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	

City of Beaumont

550 E. 6th Street
Beaumont, CA 92223
(951) 769-8520
www.ci.beaumont.ca.us

Case No. PW2021-0666
Receipt No. R0149839
Fee $ 1,884.96
Date Paid 3/26/21

BOND EXONERATION APPLICATION

Bond Type: ☐Performance ☐Maintenance ☒Final Monument Inspection ☐Other:_____

1. Contact's Name Rick Rush Phone (951) 529-7795

2. Contact's Address 1250 Corona Pointe Court Suite 600 Corona, CA 92879
City/State/Zip

5. Contact's E-mail rick.rush@tripointehomes.com

3. Developer Name Tri Pointe Homes Phone (951) 529-7795
(If corporation or partnership application must include names of principal officers or partners)

4. Developer Address Same As Above
City/St/Zip

5. Description of Bonds (including Bond Number, Tract Map/Application number, Lot number, and description of improvements covered):

Bond #30055684
Monument Bond Tract 37427
33 Numbered Lots, 4 Lettered Lots (37 Total Lots) $1,884.96

6. **CERTIFICATION OF ACCURACY AND COMPLETENESS:** I hereby certify that to the best of my knowledge the information in this application and all attached answers and exhibits are true, complete, and correct.

Rick Rush 03/09/2021
Print Name and Sign – Contact/Applicant Date

7. Contractor shall indemnify, defend, and hold harmless the City and its officers, officials, employees and volunteers from and against any and all liability, loss, damage, expense, costs (including without limitation costs and fees of litigation) of every nature arising out of or in connection with contractor's performance of work hereunder or its failure to comply with any of its obligations for which this Bond exoneration is requested, except for such loss or damage which was caused by the active negligence of the City.

Rick Rush 03/09/2021
Print Name and Sign – Contact/Applicant Date

8. Developer/Contractor has completed all the following items prior to requesting release or has included them in the application.
   - Remove and replace concrete and AC as needed where lifting.
   - Provide AC crack fill as needed. Crack fill/seal shall be hot asphaltic emulsion.
   - Provide Type II slurry coat for all road surfaces.
   - Restore/Verify pavement striping/markings.
   - Restore/Verify blue dots and signage as needed.
   - Clean and camera sewer. Provide report and video copy of camera survey.
   - Provide all final geotechnical reports.
   - Provide Engineers' certification for line and grade within Right-of-Way.
   - Provide Landscape Architects Certification as required.

Rick Rush 03/09/2021

Print Name and Sign – Contact/Applicant Date

Basic Gov (Sales Force) # _____
File # _____

Bond No. 30055684
Premium: $78.00

EXHIBIT "A"

PERFORMANCE BOND

WHEREAS, the City Council of the City of Beaumont, State of California, and Pardee Homes (hereinafter designated as "Principal") have entered into Agreement To Provide Security For Improvements For Tract Map Or Parcel Map Or Plot Plan, dated November 13, 2018, whereby Principal agrees to install and complete certain designated public improvements itemized and described on Tract Map, Parcel Map or Plot Plan No. Sundance PA 54 Monuments Tract Map 37427 which is hereby incorporated herein and made a part hereof; and

WHEREAS, Principal is required under the terms of the said agreement to furnish a bond for the faithful performance of said agreement.

NOW, THEREFORE, we, the Principal and The Continental Insurance Company, as Surety, are held and firmly bound unto the City of Beaumont (hereinafter called "City"), in the penal sum of Nineteen Thousand Five Hundred & No/100- dollars ($ 19,500.00) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the Principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the said agreement and any alteration thereof made as therein provided, on his or their part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the City, its officers, agents and employees as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As part of the obligation secured hereby and in addition to the face amount specified therefor, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City in successfully enforcing such obligation, all to be taxed as costs and included in any judgment therein rendered.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the agreement or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the agreement or to the work or to the specifications.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on November 8, 2018.

PRINCIPAL:

Pardee Homes

By _____

Title Jeffrey R. Chambers
Vice President Development

SURETY:

The Continental Insurance Company

By _____

Title Janina Monroe, Attorney-In-Fact

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of Orange }

On NOV 0 8 2018 before me, Mariana Bryant, Notary Public
(Here insert name and title of the officer),

personally appeared Janina Monroe,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Mariana Bryant
Notary Public Signature (Notary Public Seal)

MARIANA BRYANT
Notary Public - California
Orange County
Commission # 2213241
My Comm. Expires Sep 9, 2021

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Performance Bond
(Title or description of attached document)

30053684
(Title or description of attached document continued)

Number of Pages 1 Document Date 11/8/18

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
- ☐ Corporate Officer
  (Title)
- ☐ Partner(s)
- ☐ Attorney-in-Fact
- ☐ Trustee(s)
- ☐ Other

2015 Version www.NotaryClasses.com 800-873-9865

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he~~/she/~~they,~~ is /~~are~~) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
  - ❖ Indicate title or type of attached document, number of pages and date.
  - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a Pennsylvania insurance company, is a duly organized a insurance company having its principal office in the City of Chicago, and State of Illinois, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Janina Monroe, Tom Mc Call, Paul Boucher, Individually

of Los Angeles, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the insurance company and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Board of Directors of the insurance company.

In Witness Whereof, The Continental Insurance Company has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 27th day of July, 2018.

The Continental Insurance Company

Paul T. Bruflat — Vice President

State of South Dakota, County of Minnehaha, ss:

On this 27th day of July, 2018, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of The Continental Insurance Company, a Pennsylvania insurance company, described in and which executed the above instrument; that he knows the seal of said insurance company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said insurance company and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance company.

J. MOHR
NOTARY PUBLIC
SOUTH DAKOTA

My Commission Expires June 23, 2021

J. Mohr — Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of The Continental Insurance Company, a Pennsylvania insurance company, do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance company printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance company this _____ day of NOV 0 8 2018, _____.

The Continental Insurance Company

D. Johnson — Assistant Secretary

Form F6850-4/2012

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Riverside)

On November 13, 2018 before me, Sonal Shah, Notary Public
(insert name and title of the officer)

personally appeared Jeffrey R. Chambers,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SONAL SHAH
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2216371
RIVERSIDE COUNTY
My Comm. Exp. September 30, 2021

Signature Sonal Shah (Seal)

Bond No. 30055684
Premium is included in the
cost of the Performance Bond

EXHIBIT "B"

PAYMENT BOND

WHEREAS, the City Council of the City of Beaumont, State of California, and Pardee Homes (hereafter designated as "the Principal") have entered into Agreement To Provide Security For Improvements For Tract Map Or Parcel Map Or Plot Plan, dated November 13, 2018, whereby Principal agrees to install and complete certain designated public improvements itemized and described on Tract Map, Parcel Map or Plot Plan No. Sundance, PA 54 Monuments Tract Map 37427 which is hereby incorporated herein and made a part hereof; and

WHEREAS, under the terms of the said agreement, the Principal is required before entering upon the performance of the work, to file a good and sufficient payment bond with the City of Beaumont to secure the claims to which reference is made in Section 8000, et seq., of the Civil Code of the State of California.

NOW, THEREFORE, the Principal and the undersigned as corporate surety, are held firmly bound unto the City of Beaumont and all contractors, subcontractors, laborers, materialmen, and other persons employed in the performance of the said agreement and referred to at Section 8000, et seq., of the Civil Code in the sum of Nineteen Thousand Five Hundred & No/100 dollars ($ 19,500.00), for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to this work or labor, that the Surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City in successfully enforcing this obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under Section 8000, et seq., of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The Surety hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on November 8, 20 18.

PRINCIPAL:

Pardee Homes

By _____

Title Jeffrey R. Chambers
Vice President Development

SURETY:

The Continental Insurance Company

By _____

Title Janina Monroe, Attorney-In-Fact

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of Orange }

On NOV 0 8 2018 before me, Mariana Bryant, Notary Public,
(Here insert name and title of the officer)

personally appeared Janina Monroe,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(~~ies~~), and that by ~~his~~/her/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Mariana Bryant
Notary Public Signature (Notary Public Seal)

MARIANA BRYANT
Notary Public - California
Orange County
Commission # 2213241
My Comm. Expires Sep 9, 2021

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Payment Bond
(Title or description of attached document)

30055684
(Title or description of attached document continued)

Number of Pages 1 Document Date 11/8/18

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
- ☐ Corporate Officer
  _____
  (Title)
- ☐ Partner(s)
- ☐ Attorney-in-Fact
- ☐ Trustee(s)
- ☐ Other _____

2015 Version www.NotaryClasses.com 800-873-9865

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he~~/she/~~they,~~ is /~~are~~) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
  - ❖ Indicate title or type of attached document, number of pages and date.
  - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a Pennsylvania insurance company, is a duly organized [illegible] insurance company having its principal office in the City of Chicago, and State of Illinois, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Janina Monroe, Tom Mc Call, Paul Boucher, Individually

of Los Angeles, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the insurance company and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Board of Directors of the insurance company.

In Witness Whereof, The Continental Insurance Company has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 27th day of July, 2018.

THE CONTINENTAL INSURANCE COMPANY

The Continental Insurance Company

Paul T. Bruflat — Vice President

State of South Dakota, County of Minnehaha, ss:

On this 27th day of July, 2018, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of The Continental Insurance Company, a Pennsylvania insurance company, described in and which executed the above instrument; that he knows the seal of said insurance company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said insurance company and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance company.

J. MOHR
SEAL NOTARY PUBLIC SOUTH DAKOTA SEAL

My Commission Expires June 23, 2021

J. Mohr — Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of The Continental Insurance Company, a Pennsylvania insurance company, do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance company printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance company this _____ day of NOV 0 8 2018, _____.

THE CONTINENTAL INSURANCE COMPANY

The Continental Insurance Company

D. Johnson — Assistant Secretary

Form F6850-4/2012

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Riverside)

On November 13, 2018 before me, Sonal Shah, Notary Public
(insert name and title of the officer)

personally appeared Jeffrey R. Chambers,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SONAL SHAH
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2216371
RIVERSIDE COUNTY
My Comm. Exp. September 30, 2021

Signature Sonal Shah (Seal)

Rev. 02/25/2015

Basic Gov (Sales Force) # _____
File # _____

AGREEMENT TO PROVIDE SECURITY FOR IMPROVEMENTS FOR TRACT MAP OR PARCEL MAP OR PLOT PLAN

(Tract Map/~~Parcel Map/Plot Plan~~ No. 37427)

THIS SECURITY AGREEMENT is made by and between CITY OF BEAUMONT ("CITY") and Pardee Homes, a California company ("DEVELOPER").

RECITALS

A. DEVELOPER has applied to the CITY for permission to develop certain real property, pursuant to Tract Map/~~Parcel Map/Plot Plan~~ # 37427, ("Map"). DEVELOPER has also asked the CITY to accept the dedication of the street or streets and other proposed public rights-of-way, parks and recreation facilities, and easements as depicted on the Map and to otherwise approve the Map so that it may be recorded as required by law; and

B. The CITY requires, as a condition precedent to the acceptance and approval of the Map and the dedication of the public rights-of-way and easements depicted thereon, that such rights-of-way be improved with (for example) grading, paving, curbs, gutters, sidewalks, street lights, stormdrains, sanitary sewers and appurtenances thereto, street name signs, survey monuments, electrical and telecommunications, water pipes, water mains, fire hydrants and appurtenances thereto, and landscaping, including any warranty work for all such improvements (collectively, "Improvements"); and

C. The Improvements have not yet been constructed and completed and it is the purpose of this Security Agreement to set forth the terms and conditions by which the DEVELOPER shall guarantee that such Improvements shall be constructed and completed within the time set forth herein.

AGREEMENT

NOW, THEREFORE, in consideration of the acceptance of the DEVELOPER's offer of dedication and the approval of the Map for filing and recording as provided and required by law, the CITY and the DEVELOPER hereby agree as follows:

1. Provision of Improvements. DEVELOPER shall provide, at the DEVELOPER's sole cost and expense, all necessary labor and materials to complete the construction of the Improvements depicted on the Map and described in the conditions of approval of the Map within one (1) year of the date of this Security Agreement.

2. Inspection by the CITY. The CITY shall inspect, at the DEVELOPER's sole cost and expense, all of the work, labor and materials performed and provided by the DEVELOPER in connection with the Improvements.

3. Compliance with Plans and Specifications. The Improvements shall be constructed and installed in strict accordance with the CITY-approved plans and specifications.

4. Security for Performance. Concurrently with the execution of this Security Agreement by DEVELOPER, DEVELOPER shall deliver to the CITY a performance bond issued by a corporate surety in substantially the form attached hereto as **Exhibit "A"**, in an amount that is not less than 100% of the total estimated cost of the Improvements and any warranty therefor. The performance bond shall be issued by an "admitted" corporate surety insurer authorized to do business in the State of California and the surety insurer shall have an A.M. Best rating of at least "A, XV". The surety insurer shall have assets exceeding its liabilities in the amount equal to or in excess of the amount of the bond, and the bond shall not be in excess of 10% of the surety insurer's assets. The security or bond shall also insure against any and all defects in the Improvements for a period of not less than one full year after the date of acceptance thereof by the CITY. The bond shall be duly executed and shall meet all the requirements of Section 995.660 of the California Code of Civil Procedure.

5. Security for Contractors, Subcontractors, Laborers and Materialmen. The DEVELOPER shall also provide a payment bond issued by a corporate surety for the security of laborers and materialmen, which bond or bonds shall be in substantially the form attached hereto as **Exhibit "B"** and made a part hereof. The amount of the bond(s) shall be no less than 100% of the total estimated amount needed to secure payment to the contractor, to the subcontractors, and to the persons furnishing labor, materials, or equipment to them for the Improvements. The laborers and materialmen bond shall be provided by an "admitted" corporate surety insurer authorized to transact surety insurance in the State of California with an A.M. Best rating of "A, XV", and with assets exceeding its liabilities in the amount equal to or in excess of the amount of the bond, and the bond shall not be in excess of 10% of the surety insurer's assets. The bond shall be duly executed and shall meet all the requirements of Section 995.660 of the California Code of Civil Procedure.

6. General Liability and Worker's Compensation Insurance. The DEVELOPER shall, before commencing any work, obtain commercial general liability insurance (primary) of not less than $2,000,000.00 per occurrence for all coverages and $2,000,000.00 general aggregate. The CITY and its employees and agents shall be added as additional insureds. Coverage shall apply on a primary non-contributing basis in relation to any other insurance or self-insurance, primary or excess, available to the CITY or any employee or agent of the CITY. Coverage shall not be limited to the vicarious liability or supervisory role of any additional insured. Coverage shall contain no contractors' limitation endorsement. There shall be no endorsement or modification limiting the scope of coverage for liability arising from pollution, explosion, collapse, underground property damage or employment-related practices. Such insurance shall not prohibit the DEVELOPER, and its employees or agents, from waiving the right of subrogation prior to a loss. The DEVELOPER waives its right of subrogation against the CITY. Unless otherwise approved by the CITY, the DEVELOPER's insurance shall be written by insurers authorized to do business in the State of California and with a minimum A.M. Best rating of "A, XV." Self-insurance shall not be considered to comply with these insurance specifications. The DEVELOPER agrees to require all contractors, subcontractors and other parties hired for the Improvements to purchase and maintain insurance of the types specified

herein, naming as additional insureds all of the parties to this Security Agreement. The DEVELOPER shall, before commencing any work, obtain Worker's Compensation Insurance in an amount required by law and, failing to do so, the CITY may procure such insurance at the cost of the DEVELOPER.

7. Comprehensive Commercial General and Automobile Liability Insurance. The DEVELOPER, before commencing any work shall, at its own expense, maintain comprehensive commercial general and automobile liability insurance issued by a California-admitted surety company with an A.M. Best rating of no less than "A, XV" for $2,000,000 per occurrence. Coverage shall be for the entire duration of the permitted activities. Such liability insurance policy shall name, by endorsement, the City as an additional insured.

8. Indemnification. Notwithstanding the provisions of Government Code, Section 66474.9 or any other statutes of similar import, and to the full extent permitted by law, the DEVELOPER shall defend, indemnify and hold harmless the CITY, its employees, agents, officials and attorneys, from and against any liability, claims, suits, actions, arbitration proceedings, administrative proceedings, regulatory proceedings, losses, expenses or costs of any kind or nature, whether actual, alleged or threatened, reasonable attorneys' fees, court costs, interest, expert witness fees and any other costs or expenses of any kind whatsoever, without restriction or limitation, incurred in relation to, as a consequence of, or arising out of or in any way attributable actually, allegedly or impliedly, in whole or in part, to the Map, the Improvements, this Agreement, or any matter related to the same; provided, however, that the indemnification to be provided by DEVELOPER to the CITY pursuant to the terms of this paragraph shall not be applicable where the aforementioned liability, claim, suit, action, etcetera, is the result of the sole negligence or sole willful misconduct of the CITY.

9. Procedure for Release of Performance Bond Security. The security furnished by the DEVELOPER shall be released in whole or in part in the following manner:

a. Security shall be released upon final completion and acceptance of the Improvements. If the security furnished by the DEVELOPER is a documentary evidence of security, such as a surety bond, the CITY shall release the documentary evidence and return the original to the Surety upon final completion and acceptance of the Improvements. In the event the CITY is unable to return the original documentary evidence to the Surety, the security shall be released by written notice sent by certified mail to the DEVELOPER and to the Surety within 30 days of the City's acceptance of the Improvements. The written notice shall contain a statement that the work for which security was furnished has been completed and accepted, a description of the Improvements, and the notarized signature of an authorized CITY official.

b. At such time as the DEVELOPER believes that the work for which the security was required is complete and makes payment of a partial exoneration fee of $350 to the CITY, the DEVELOPER shall notify the CITY in writing of the completed work, including a list of work completed. Upon receipt of the written notice, the CITY shall have 45 days to review and comment or approve the completion of the Improvements. If the CITY does not agree that all work has been completed in accordance with the plans

and specifications for the Improvements, it shall supply a list of all remaining work to be completed.

c. Within 45 days of receipt of the CITY's list of remaining work, the DEVELOPER may then provide cost estimates for all remaining work for review and approval by the CITY.

d. Upon receipt of the cost estimates, the CITY shall then have 45 days to review, comment, and approve, modify or disapprove those cost estimates. The CITY shall not be required to engage in this process of partial release more than once between the start of work and the completion and acceptance of all work.

e. The DEVELOPER shall complete the works of Improvement until all remaining items are accepted by the CITY. Upon completion of the Improvements, the DEVELOPER shall be notified in writing by the CITY within 45 days and, within 45 days of the date of the CITY's notice, the release of any remaining performance security shall be made within 60 days of the recording of the Notice of Completion.

10. Procedure for Release of Payment Bond Security. Security securing the payment to the contractor, his or her subcontractors and persons furnishing labor, materials or equipment may, after passage of the time within which mechanic's liens and stop notices are required to be recorded and after acceptance of the Improvements, be reduced by Surety to an amount equal to the total claimed by all claimants for whom mechanic's liens and stop notices have been recorded and notice thereof given in writing to the CITY, and if no claims have been recorded, the security may be released in full.

11. Security for One-Year Warranty Period. The release procedures described in paragraphs 9 and 10 above shall not apply to any required guarantee and warranty period nor to the amount of the performance bond security deemed necessary by the CITY for the guarantee and warranty period nor to costs and reasonable expenses and fees, including reasonable attorneys' fees.

12. Binding Effect. This Security Agreement shall be binding upon and shall inure to the benefit of the parties hereto, their legal representatives and their successors and assigns.

13. Authority to Execute. The DEVELOPER hereby warrants and represents to the CITY that the individual signing this Security Agreement on behalf of the DEVELOPER is vested with the unconditional authority to do so pursuant to, and in accordance with, all applicable legal requirements, and has the authority bind the DEVELOPER hereto.

14. No Assignment. The DEVELOPER may not assign this Security Agreement, or any part thereof, to another without the prior written consent of the CITY.

15. Attorneys' Fees. In the event of legal action to enforce or interpret this Agreement or any of its provisions, the prevailing party shall be entitled, in addition to any other form of relief, to recover its reasonable attorneys' fees and costs of suit.

16. Execution in Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but which together shall constitute a single agreement.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the dates listed below.

CITY OF BEAUMONT

By _____
Mayor

_____
Date

DEVELOPER

By _____

11-13-2018
Date

Jeffrey R. Chambers
Title: Vice President Development

Address: 1250 Corona Pointe Court
Suite 600
Corona, CA 92879

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Riverside)

On November 13, 2018 before me, Sonal Shah, Notary Public
(insert name and title of the officer)

personally appeared Jeffrey R. Chambers,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SONAL SHAH
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2216371
RIVERSIDE COUNTY
My Comm. Exp. September 30, 2021

Signature Sonal Shah (Seal)

BOND REQUEST FORM

1	CONSULTANT REQUEST DATE:	November 8, 2018
2	PARDEE MANAGER (print):	Michael Heishman
3	MANAGER APPROVAL (initial & date):	11/8/18
4	PARDEE JOB NO.:	70499030
5	PARDEE JOB DESCRIPTION:	Sundance - Tract 37427 PA54 Monuments
6	ENGINEER OF RECORD (CO. NAME):	Michael Baker International Consultants
7	MUNICIPALITY (OBLIGEE):	City of Beaumont
8	MUNICIPALITY ADDRESS:	550 E. 6th St. Beaumont, CA 92223
9	CITY/COUNTY REFERENCE NUMBER:	Sundance- Tract 37427
10	BOND AMOUNT:	$19,500.00
11	BOND TYPE:	Monumentation
12	PROJECTED EXONERATION:	November 8, 2020

********** ***CONSULTANT INCLUSIONS -- CHECK ALL THAT APPLY*** **********

13	**BOND ESTIMATE:**	X
14	**ORIGINAL BOND FORM:**	X
15	**ASSOCIATED FEES CHECK REQUEST:**	X

********** ***LEGEND*** **********

ITEMS 2 - 5 **SUPPLIED BY PARDEE**

ITEMS 1 & 6 - 12 **SUPPLIED BY CONSULTANT**

ITEM 9: PERMIT OR OTHER MUNICIPALITY REFERENCE NUMBER
ITEM 11: PERFORMANCE, LABOR & MATERIALS, GRADING SURETY, WARRANTY, ETC.
ITEM 12: DATE PARDEE CAN EXPECT TO RECEIVE EXONERATION LETTER FROM MUNICIPALITY
ITEM 13: BOND ESTIMATE OR TABULATION FORM - APPROVED BY MUNICIPALITY
ITEM 14: ORIGINAL MUNICIPALITY APPROVED BOND FORM (if required by Municipality)
ITEM 15: PERMIT OR OTHER FEES - CHECK REQUEST INCLUDED (if required)

Michael Baker
INTERNATIONAL

November 7, 2018

JN 162967

City of Beaumont
Public Works Department
550 E 6th Street
Beaumont, CA 92223

Subject: Sundance – Tract 37427
Monumentation Estimate

To whom it may concern:

The estimated cost for material and labor to install the survey monuments as shown on Tract Map 37427 is $19,500.

Please contact me at 760-346-7481 should any questions arise regarding this cost estimate.

Sincerely,

Christopher Alberts, PLS 8508
Survey Manager
Palm Desert Office

THIS CHECK IS VOID WITHOUT A COLORED BORDER AND BACKGROUND PLUS A KNIGHT & FINGERPRINT WATERMARK ON THE BACK - HOLD AT ANGLE TO VIEW

PardeeHomes®

177 East Colorado Blvd, Suite 500
Pasadena, CA 91105
(310) 955-3100

usbank

90-3582
1222

Check Number 2791137
Check Date 11/16/2018

Vendor # 123438

Pay Exactly
TWO HUNDRED EIGHTY EIGHT AND 18/100*******

$*****288.18**

VOID IF NOT CASHED IN 90 DAYS
TWO SIGNATURES REQUIRED OVER $100,000.00

David A. Lamb

TO THE ORDER OF
CITY OF BEAUMONT
550 E. 6TH STREET
BEAUMONT CA 92223

⑈02791137⑈ ⑆122235821⑆ 153497054947⑈

PardeeHomes®

177 East Colorado Blvd, Suite 500
Pasadena, CA 91105
(310) 955-3100

Check Amount 288.18
Check Date 11/16/2018
Check Number 2791137

Invoice Number	Invoice Date	Description	Gross Amount	Net Amount
SUNDANCE PA 54 MONU	11/14/18	TR 37427 BOND NO. 30055684	288.18	288.18
123438 CITY OF BEAUMONT			**288.18**	**288.18**

PAY MONUMENTATION BOND FEE

REORDER 908 • U.S. PATENT NO. 5538290, 5575508, 5641183, 5785353, 5984364, 6030000

hb 02h

copy

THIS SUBDIVISION CONTAINS:

33 NUMBERED LOTS
4 LETTERED LOTS
37 LOTS TOTAL
8.40 ACRES GROSS

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 37427

BEING A PORTION OF LOT 9 AS PER MAP FILED IN BOOK 10, PAGE 2 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, IN THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker
INTERNATIONAL

RECORDER'S STATEMENT

FILED THIS 11TH DAY OF December, 2019 AT 1:06 P. M.
IN BOOK 470 OF MAPS AT PAGES 94-97, AT THE REQUEST OF THE CITY CLERK, CITY OF BEAUMONT.
NO. 2019-0510628
FEE $ 15.00
PETER ALDANA, ASSESSOR-COUNTY CLERK-RECORDER

BY: _____, DEPUTY
SUBDIVISION GUARANTEE: FIRST AMERICAN TITLE COMPANY

OWNER'S STATEMENT

WE HEREBY STATE THAT WE ARE THE OWNERS OF THE LAND INCLUDED WITHIN THE SUBDIVISION SHOWN HEREON; THAT WE ARE THE ONLY PERSONS WHOSE CONSENT IS NECESSARY TO PASS A CLEAR TITLE TO SAID LAND; THAT WE CONSENT TO THE MAKING AND RECORDING OF THIS SUBDIVISION MAP AS SHOWN WITHIN THE DISTINCTIVE BORDER LINE.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED IN FEE FOR PUBLIC STREET AND PUBLIC UTILITY PURPOSES: LOT "A" (CHERRY AVENUE), LOT "B" (OCALA LANE), LOT "C" (TINSLEY WAY), AND LOT "D" (TIELO STREET). THE DEDICATION IS FOR STREET AND PUBLIC UTILITY PURPOSES, SUBJECT TO IMPROVEMENTS.

WE HEREBY RETAIN FOR DRAINAGE PURPOSES AND THE MAINTENANCE THEREOF, LOT 32 FOR THE SOLE BENEFIT OF OURSELVES, OUR SUCCESSORS, ASSIGNEES AND LOT OWNERS WITHIN THIS TRACT MAP. (FOR TURNOVER TO THE HOMEOWNERS ASSOCIATION FOR OWNERSHIP AND MAINTENANCE.)

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED IN FEE FOR PUBLIC PURPOSES:
WE HEREBY DEDICATE IN FEE TO THE CITY OF BEAUMONT, LOT 33 FOR DRAINAGE AND LANDSCAPE PURPOSES AND THE MAINTENANCE THEREOF.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:
THE EASEMENTS DESIGNATED AS "5' PUE" OVER LOTS 1 THROUGH 32, INCLUSIVE. THE DEDICATION IS FOR PUBLIC UTILITY PURPOSES.

PARDEE HOMES, A CALIFORNIA CORPORATION

JEFF CHAMBERS
VICE PRESIDENT

MICHAEL C. TAYLOR
DIVISION PRESIDENT

NOTARY ACKNOWLEDGEMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA)
COUNTY OF RIVERSIDE) SS.
ON NOV. 1, 2019 BEFORE ME, ANA E. CHAVEZ PEREZ (INSERT NAME), A NOTARY PUBLIC

PERSONALLY APPEARED JEFF CHAMBERS AND MICHAEL C. TAYLOR
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER **PENALTY OF PERJURY**, UNDER THE LAWS OF THE STATE OF CALIFORNIA, THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND

SIGNATURE

ANA E. CHAVEZ PEREZ
PRINT NAME

MY COMMISSION EXPIRES 4/22/23. COMMISSION # 2286015

MY PRINCIPAL PLACE OF BUSINESS IS RIVERSIDE COUNTY.

NOTARY ACKNOWLEDGEMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF _____)
COUNTY OF _____) SS.
ON _____ BEFORE ME, _____ (INSERT NAME), A NOTARY PUBLIC

PERSONALLY APPEARED _____
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER **PENALTY OF PERJURY**, UNDER THE LAWS OF THE STATE OF CALIFORNIA, THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND

_____
SIGNATURE

_____
PRINT NAME

MY COMMISSION EXPIRES _____ .

MY PRINCIPAL PLACE OF BUSINESS IS _____ COUNTY.

SIGNATURE OMISSIONS NOTE

PURSUANT TO SECTION 66436 OF THE SUBDIVISION MAP ACT, THE SIGNATURES OF THE FOLLOWING OWNERS OF EASEMENTS AND/OR OTHER INTERESTS HAVE BEEN OMITTED:

1) THE COUNTY OF RIVERSIDE, HOLDER OF AN EASEMENT FOR PUBLIC ROAD AND DRAINAGE, PUBLIC UTILITY AND PUBLIC SERVICES AND INCIDENTAL PURPOSES, RECORDED JUNE 11, 1991 AS INSTRUMENT NO. 196331, O.R.

SURVEYOR'S STATEMENT

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IS BASED ON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF PARDEE HOMES, A CALIFORNIA CORPORATION, IN APRIL OF 2015. I HEREBY STATE THAT ALL MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED, OR THAT THEY WILL BE SET WITHIN ONE YEAR FROM ACCEPTANCE OF IMPROVEMENTS BY CITY COUNCIL AND THAT THE MONUMENTS ARE, OR WILL BE, SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP, IF ANY. THE SURVEY IS TRUE AND COMPLETE AS SHOWN.

DATED: OCTOBER 31, 2019

CHRISTOPHER LEE ALBERTS, L.S. 8508

PROFESSIONAL LAND SURVEYOR * CHRISTOPHER L. ALBERTS * LS No. 8508 * STATE OF CALIFORNIA

CITY SURVEYOR'S STATEMENT

THIS MAP CONFORMS TO THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES. I HEREBY STATE THAT THIS MAP HAS BEEN EXAMINED BY ME OR UNDER MY SUPERVISION AND FOUND TO BE SUBSTANTIALLY THE SAME AS IT APPEARED ON THE TENTATIVE MAP OF TRACT MAP 37427 AS FILED, AMENDED, AND APPROVED BY THE CITY COUNCIL ON _____, THE EXPIRATION DATE BEING _____, AND THAT I AM SATISFIED THIS MAP IS TECHNICALLY CORRECT.

DATED: 13 Nov., 2019

ERIK HOWARD, CITY SURVEYOR
L.S. 7648

LICENSED LAND SURVEYOR * ERIK THOMAS HOWARD * 7648 * STATE OF CALIFORNIA

TAX COLLECTOR'S CERTIFICATE

I HEREBY CERTIFY THAT ACCORDING TO THE RECORDS OF THIS OFFICE, AS OF THIS DATE, THERE ARE NO LIENS AGAINST THE PROPERTY SHOWN ON THE WITHIN MAP FOR UNPAID STATE, COUNTY, MUNICIPAL, OR LOCAL TAXES OR SPECIAL ASSESSMENTS COLLECTED AS TAXES, ~~EXCEPT TAXES OR SPECIAL ASSESSMENTS COLLECTED AS TAXES NOW A LIEN BUT NOT YET PAYABLE, WHICH ARE ESTIMATED TO BE $_____~~.

DATED: November 5, 2019

JON CHRISTENSEN, COUNTY TAX COLLECTOR
BY: _____, DEPUTY

~~TAX BOND CERTIFICATE~~

~~I HEREBY CERTIFY THAT A BOND IN THE SUM OF $_____ HAS BEEN EXECUTED AND FILED WITH THE BOARD OF SUPERVISORS OF THE COUNTY OF RIVERSIDE, CALIFORNIA, CONDITIONED UPON THE PAYMENT OF ALL TAXES, STATE, COUNTY, MUNICIPAL, OR LOCAL, AND ALL SPECIAL ASSESSMENTS COLLECTED AS TAXES WHICH AT THE TIME OF FILING OF THIS MAP WITH THE COUNTY RECORDER ARE A LIEN AGAINST SAID PROPERTY BUT NOT YET PAYABLE AND SAID BOND HAS BEEN DULY APPROVED BY SAID BOARD OF SUPERVISORS.~~

~~DATED: _____, 20___~~

~~CASH OR SURETY TAX BOND~~
~~JON CHRISTENSEN~~
~~COUNTY TAX COLLECTOR~~

~~BY: _____, DEPUTY~~

BEAUMONT CITY COUNCIL CERTIFICATE

THE CITY OF BEAUMONT, STATE OF CALIFORNIA, BY ITS CITY COUNCIL, HEREBY APPROVES TRACT NO. 37427.

THE DEDICATION OF LOT "A" (CHERRY AVENUE) IN FEE IS ACCEPTED.

THE DEDICATION OF LOT "B" (OCALA LANE), LOT "C" (TINSLEY WAY), AND LOT "D" (TIELO STREET) IN FEE FOR STREET AND PUBLIC UTILITY PURPOSES, ARE ACCEPTED, SUBJECT TO IMPROVEMENTS.

LOT 33, IN FEE FOR DRAINAGE AND LANDSCAPE PURPOSES AND THE MAINTENANCE THEREOF IS ACCEPTED, SUBJECT TO IMPROVEMENTS.

THE EASEMENTS FOR PUBLIC UTILITY PURPOSES SHOWN AS "5' PUE" OVER LOTS 1 THROUGH 32, INCLUSIVE, ARE ACCEPTED, SUBJECT TO IMPROVEMENTS.

WE HEREBY CERTIFY THE ABANDONMENT OF THE FOLLOWING:

THE EASEMENT FOR PUBLIC ROAD AND DRAINAGE, PUBLIC UTILITY AND PUBLIC SERVICES AND INCIDENTAL PURPOSES, IN FAVOR OF THE COUNTY OF RIVERSIDE, RECORDED JUNE 11, 1991 AS INSTRUMENT NO. 196331, O.R.

DATED: November 25, 2019

CITY CLERK, CITY OF BEAUMONT,
RIVERSIDE COUNTY, CALIFORNIA

ABANDONMENT NOTE

PURSUANT TO SECTIONS 66434(g) OF THE SUBDIVISION MAP ACT, THE APPROVAL AND RECORDATION OF THIS PARCEL MAP CONSTITUTES ABANDONMENT OF THE FOLLOWING:

AN EASEMENT FOR PUBLIC ROAD AND DRAINAGE, PUBLIC UTILITY AND PUBLIC SERVICES AND INCIDENTAL PURPOSES, IN FAVOR OF THE COUNTY OF RIVERSIDE, RECORDED JUNE 11, 1991 AS INSTRUMENT NO. 196331, O.R. AND NOT SHOWN HEREON.

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 37427

BEING A PORTION OF LOT 9 AS PER MAP FILED IN BOOK 10, PAGE 2 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, IN THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 35, T. 2 S., R. 1 W., S.B.M.

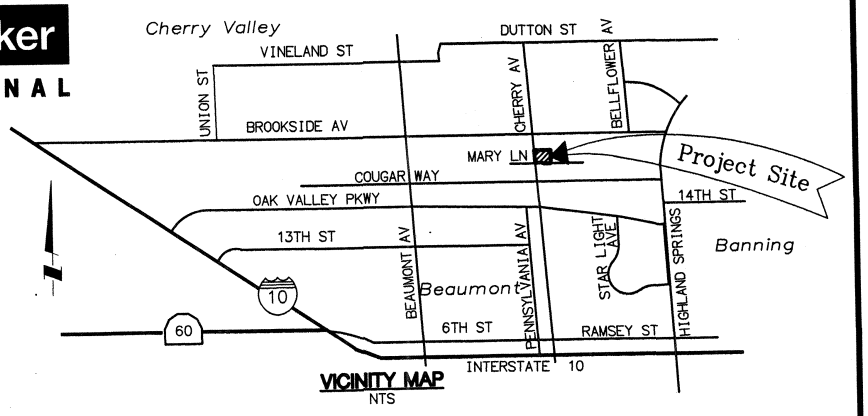
Michael Baker INTERNATIONAL

SCALE 1"=100'

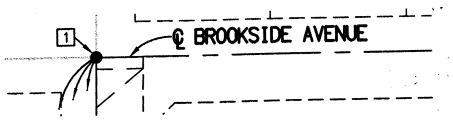
100 50 0 100 200 300

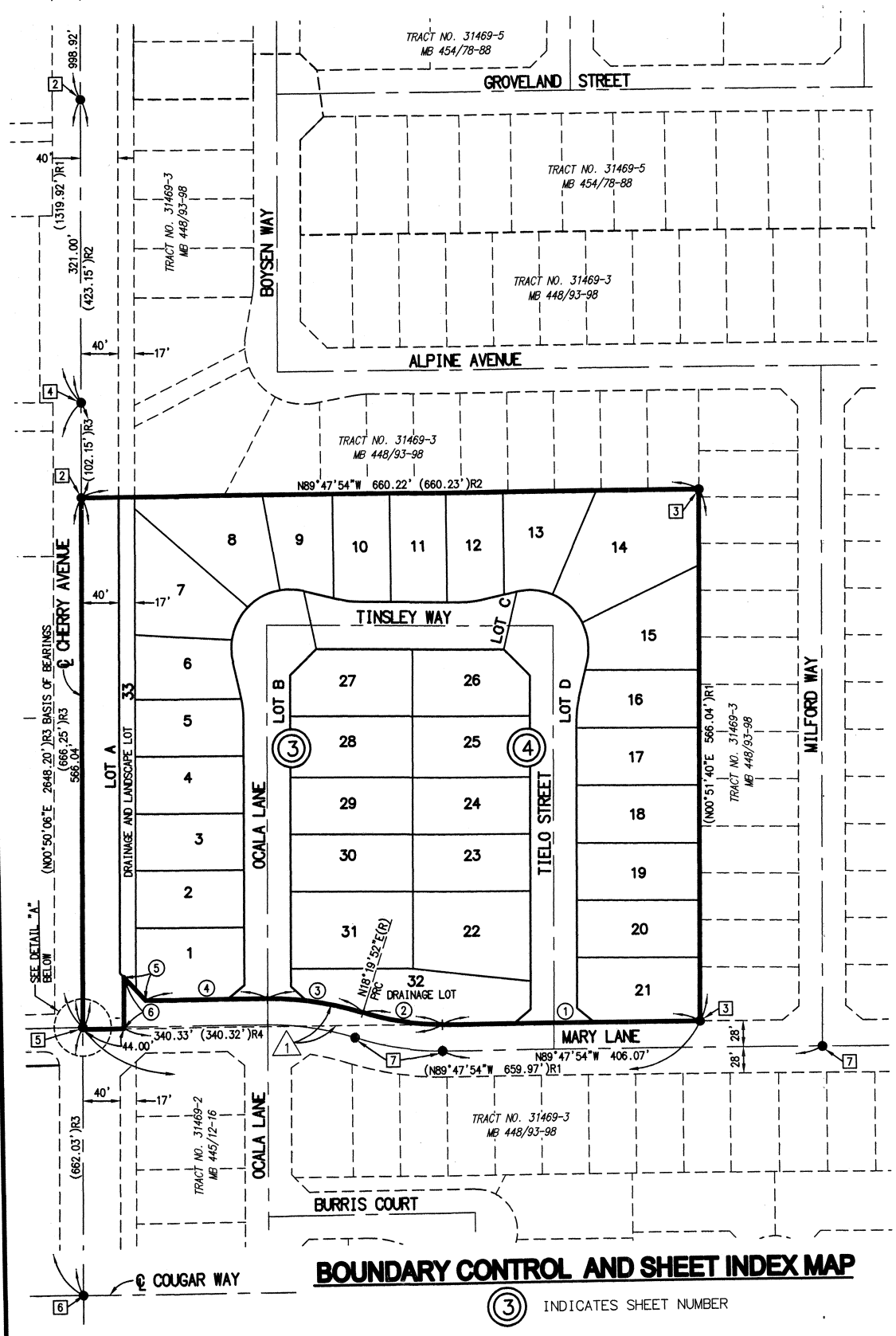
SCALE: 1"=100'

LINE/CURVE DATA TABLE			
NO	BEARING/DELTA	RADIUS	LENGTH
1	N89°47'54"W	—	275.64'
2	18°07'46" (18°07'41"	272.00'	86.07' 86.06')R4
3	18°05'16" (18°05'11"	328.00'	103.55' 103.54')R4
4	(N89°45'24"W		130.28')R4
5	(N42°05'58"W	—	34.14')R4
6	— (N00°50'06"E	— —	55.13' 55.14')R4



VICINITY MAP
NTS





BOUNDARY CONTROL AND SHEET INDEX MAP

(3) INDICATES SHEET NUMBER

BASIS OF BEARINGS NOTE:

THE BEARING OF N00°50'06"E ALONG THE CENTERLINE OF CHERRY AVENUE AS SHOWN ON TRACT MAP NO. 35575, M.B. 427/71-76; RECORDS OF RIVERSIDE COUNTY, WAS USED AS THE BASIS OF BEARINGS FOR THIS MAP.

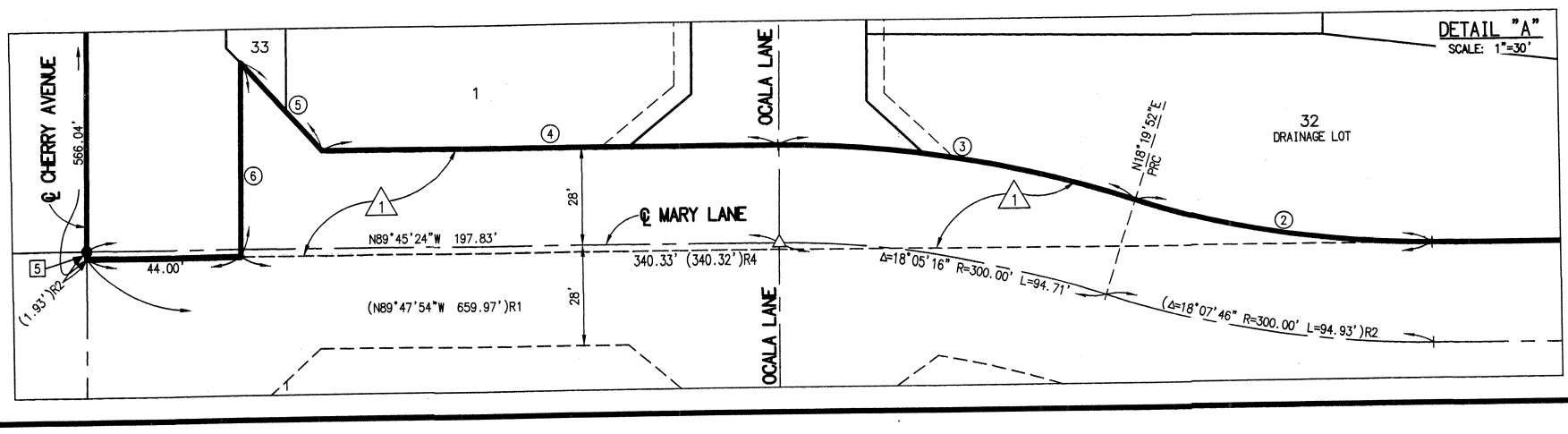
SURVEYOR'S NOTES:

1. ( )R1 - DENOTES RECORD DATA PER TRACT NO. 35575, FILED IN MAP BOOK 427, PAGES 71 THROUGH 76, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
2. ( )R2 - DENOTES RECORD DATA PER TRACT NO. 31469-3, FILED IN MAP BOOK 448, PAGES 93 THROUGH 98, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
3. ( )R3 - DENOTES RECORD DATA PER TRACT NO. 31469-2, FILED IN MAP BOOK 448, PAGES 12 THROUGH 16, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
4. ( )R4 - DENOTES RECORD DATA PER DOCUMENT RECORDED 2/19/2015 AS INST. #2015-0067453, O.R., AND MEASURED, UNLESS OTHERWISE NOTED.
5. ALL MONUMENTS SHOWN AS SET WILL BE SET WITHIN ONE YEAR AFTER THE ACCEPTANCE OF IMPROVEMENTS BY THE CITY COUNCIL.
6. SET 1" IRON PIPE TAGGED "L.S. 8508", FLUSH; OR LEAD, TACK AND TAG "L.S. 8508", FLUSH, IN CONCRETE AT ALL REAR LOT CORNERS, REAR AND SIDE LOT ANGLE POINTS AND ENDS OF CURVE. IN LIEU OF FRONT CORNERS, SET LEAD, TACK AND TAG "L.S. 8508", AT P.L. PROD ON TOP OF CURB AT SIDE LOT LINES PRODUCED.
7. ○ SET 1" IRON PIPE TAGGED "L.S. 8508", FLUSH; OR LEAD, TACK AND TAG "L.S. 8508", FLUSH, IN CONCRETE.
8. △ SET COPPERWELD MONUMENT STAMPED "L.S. 8508"
9. ● DENOTES FOUND MONUMENT AS NOTED AND REFERENCED HEREON:
   - [1] FOUND 1-1/2" BRASS CAP STAMPED "LS 4547, FLUSH, PER TRACT NO. 35575, MB 427/71-76.
   - [2] MONUMENT TO BE SET PER TRACT NO. 31469-3, M.B. 448/93-98.
   - [3] FOUND 1" IRON PIPE & TAG STAMPED "LS 7930, FLUSH, PER TRACT NO. 35575, MB 427/71-76.
   - [4] FOUND 1" IRON PIPE W/TAG "RCE 11436", DN. 0.3', PER TRACT NO. 35575, MB 427/71-76.
   - [5] FOUND 1" IRON PIPE W/TAG "RCE 11436", DN. 0.4', PER TRACT NO. 35575, MB 427/71-76.
   - [6] FOUND 1" IRON PIPE, NO TAG, DN. 0.4', PER TRACT NO. 35575, MB 427/71-76. ACCEPTED AS W 1/4 CORNER OF SEC. 35.
   - [7] FOUND COPPERWELD MONUMENT STAMPED "L.S. 8508" PER TRACT NO. 31469-3, MB 448/93-98.

EASEMENT NOTES:

(1) INDICATES A DEDICATION TO CITY OF BEAUMONT PER DOCUMENT RECORDED FEBRUARY 19, 2015 AS DOCUMENT NO. 2015-0067453, O.R.

5' PUE INDICATES A 5' PUBLIC UTILITY EASEMENT AS DEDICATED HEREON.



IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 37427

BEING A PORTION OF LOT 9 AS PER MAP FILED IN BOOK 10, PAGE 2 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, IN THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 35, T. 2 S., R. 1 W., S.B.M.

NOTE:
SEE SHEET 2 FOR BASIS OF BEARINGS, SURVEYOR'S NOTES, EASEMENTS AND BOUNDARY CONTROL

Michael Baker INTERNATIONAL

LINE/CURVE DATA TABLE			
(NO)	BEARING/DELTA	RADIUS	LENGTH
1	(N42°05'58"W	—	34.14')R4
2	— (N00°50'06"E	— —	55.13' 55.14')R4
3	18°05'16"	300.00'	94.71'
4	07°16'20"	300.00'	38.08'
5	13°07'31"	100.00'	22.91'
6	13°07'31"	100.00'	22.91'
7	13°07'31"	100.00'	22.91'
8	13°07'31"	100.00'	22.91'

SCALE 1"=40'

40 20 0 40 80 120

SCALE: 1"=40'

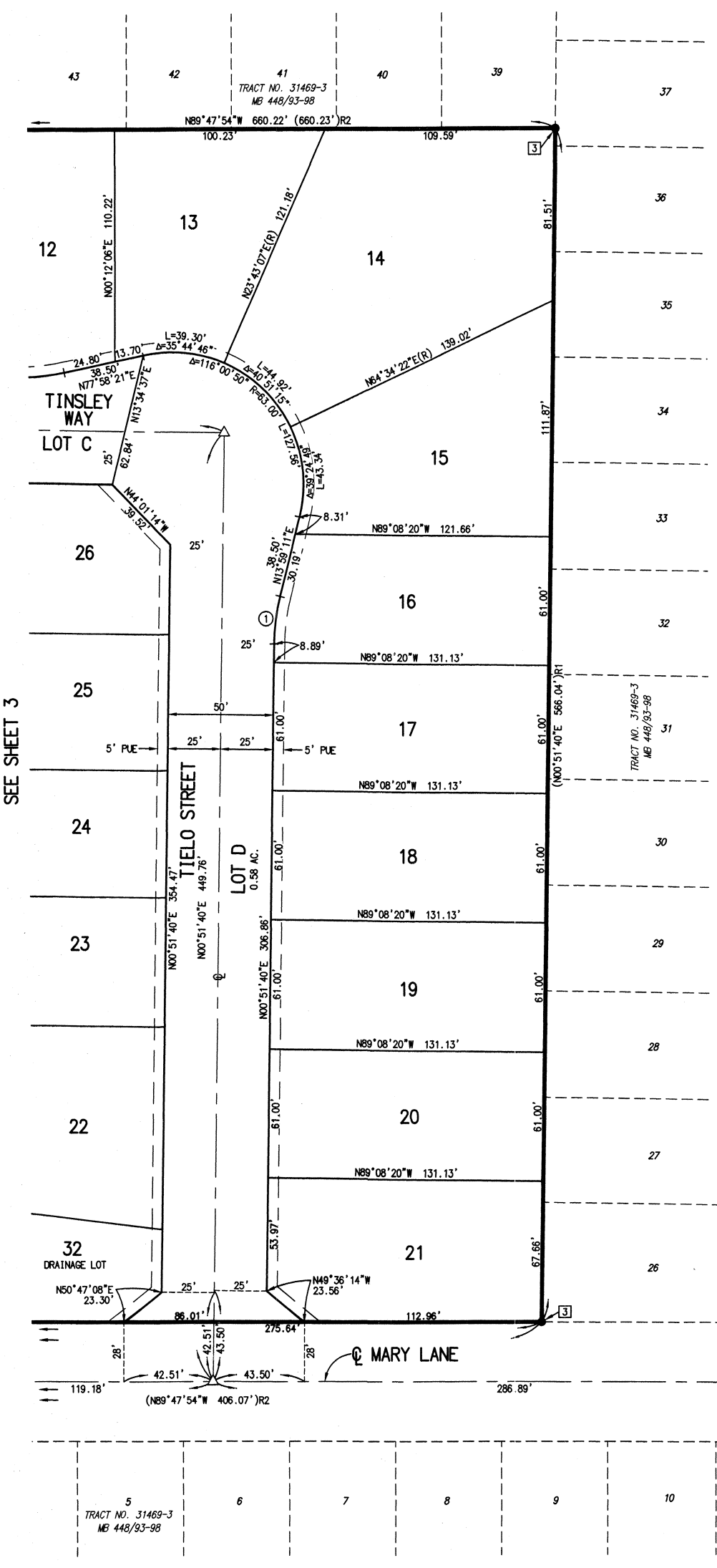
SEE SHEET 4

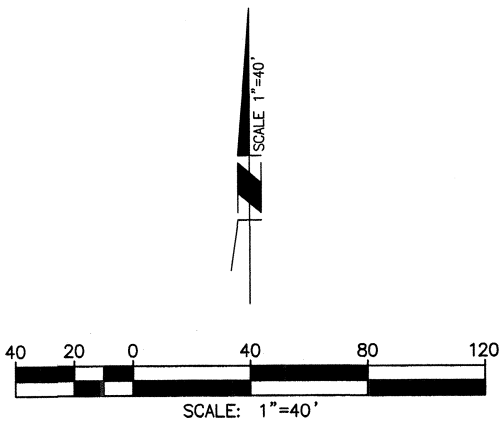
IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 37427

BEING A PORTION OF LOT 9 AS PER MAP FILED IN BOOK 10, PAGE 2 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, IN THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker
INTERNATIONAL





NOTE:
SEE SHEET 2 FOR BASIS OF BEARINGS, SURVEYOR'S NOTES, EASEMENTS AND BOUNDARY CONTROL

LINE/CURVE DATA TABLE			
NO	BEARING/DELTA	RADIUS	LENGTH
1	13°07'31"	100.00'	22.91'

Michael Baker
INTERNATIONAL

February 26, 2021 JN 162996

City of Beaumont
550 East 6th Street
Beaumont, CA 92223
Attn: City Surveyor

Subject: Tract No. 37427, M.B. 470/94-97
PW # 2018-0215
Survey Monumentation

To whom it may concern:

The monuments required for the release of surety bonds on the above referenced tract map have been set in accordance with City requirements. Michael Baker International has been paid for our services to place the monuments as shown on the said tract map. Signed and stamped monument tie sheets and a copy of the final map are enclosed for your use.

If you have any questions on this matter, please contact this office at 760-346-7481.

Sincerely,

2-26-2021

Christopher L. Alberts Date
P.L.S. 8508

PROFESSIONAL LAND SURVEYOR
CHRISTOPHER L. ALBERTS
LS No. 8508
STATE OF CALIFORNIA

75-410 Gerald Ford Drive, Suite 100 | Palm Desert, CA 92211
Office: 760.346.7481 | Fax: 760.346.8315

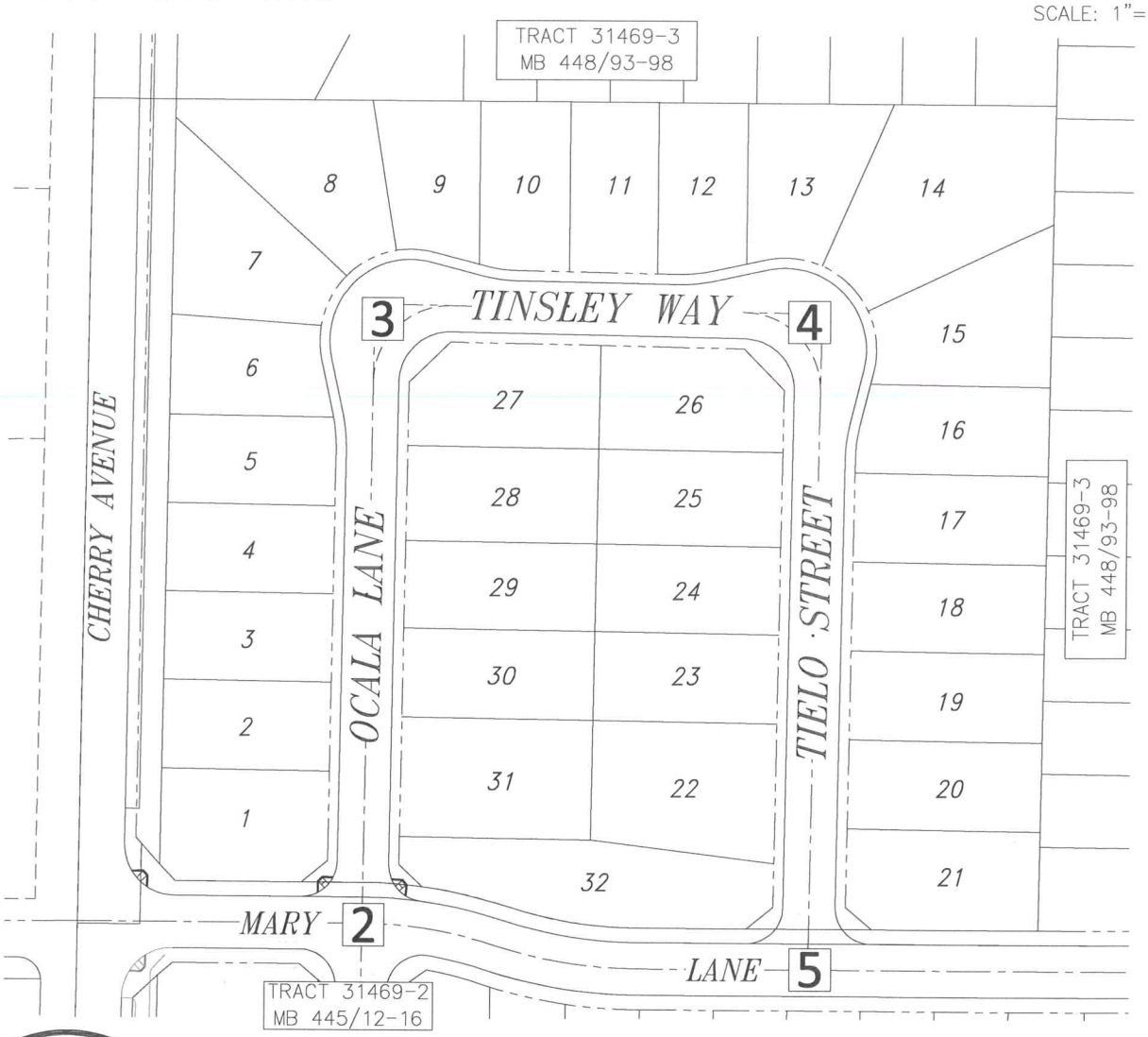
TRACT 37427
M.B. 470/94–97

SHEET 1 OF 5 SHEETS

LEGEND

[X] INDICATES SHEET NUMBER

SCALE: 1"=120'



PROFESSIONAL LAND SURVEYOR
CHRISTOPHER L. ALBERTS
LS No. 8508
STATE OF CALIFORNIA

CHRISTOPHER L. ALBERTS L.S. 8508

02/26/2021
DATE

Michael Baker
INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

L.S. NO. 8508
DATE: 02/26/2021

MONUMENT TIE SHEET
TRACT NO. 37427
M.B. 470/94–97

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=120'
JOB NO. 162996

SHEET 2 OF 5 SHEETS

TRACT 37427
M.B. 470/94–97

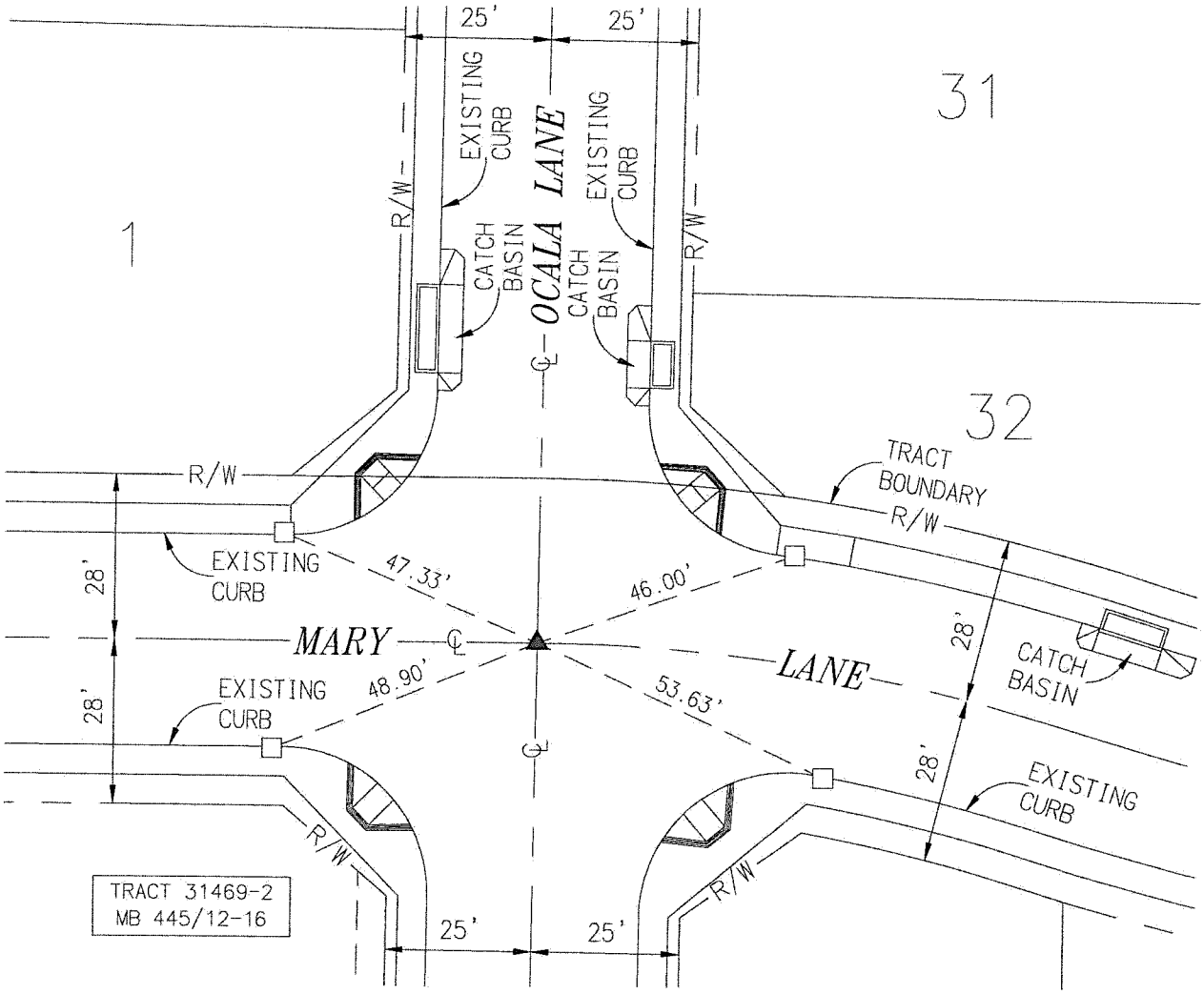
LEGEND

▲ INDICATES COPPERWELD MONUMENT STAMPED "LS 8508", FLUSH PER TRACT 37427, M.B. 470/94–97.

☐ INDICATES SET LEAD, TACK & TAG STAMPED "LS 8508 RP", FLUSH ON TOP OF CURB.

N

SCALE: 1"=30'



Michael Baker
INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

L.S. NO. 8508 DATE: 02/26/2021	**MONUMENT TIE SHEET** TRACT NO. 37427 M.B. 470/94–97	SCALE: 1"=30' JOB NO. 162996
	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	

TRACT 37427
M.B. 470/94-97

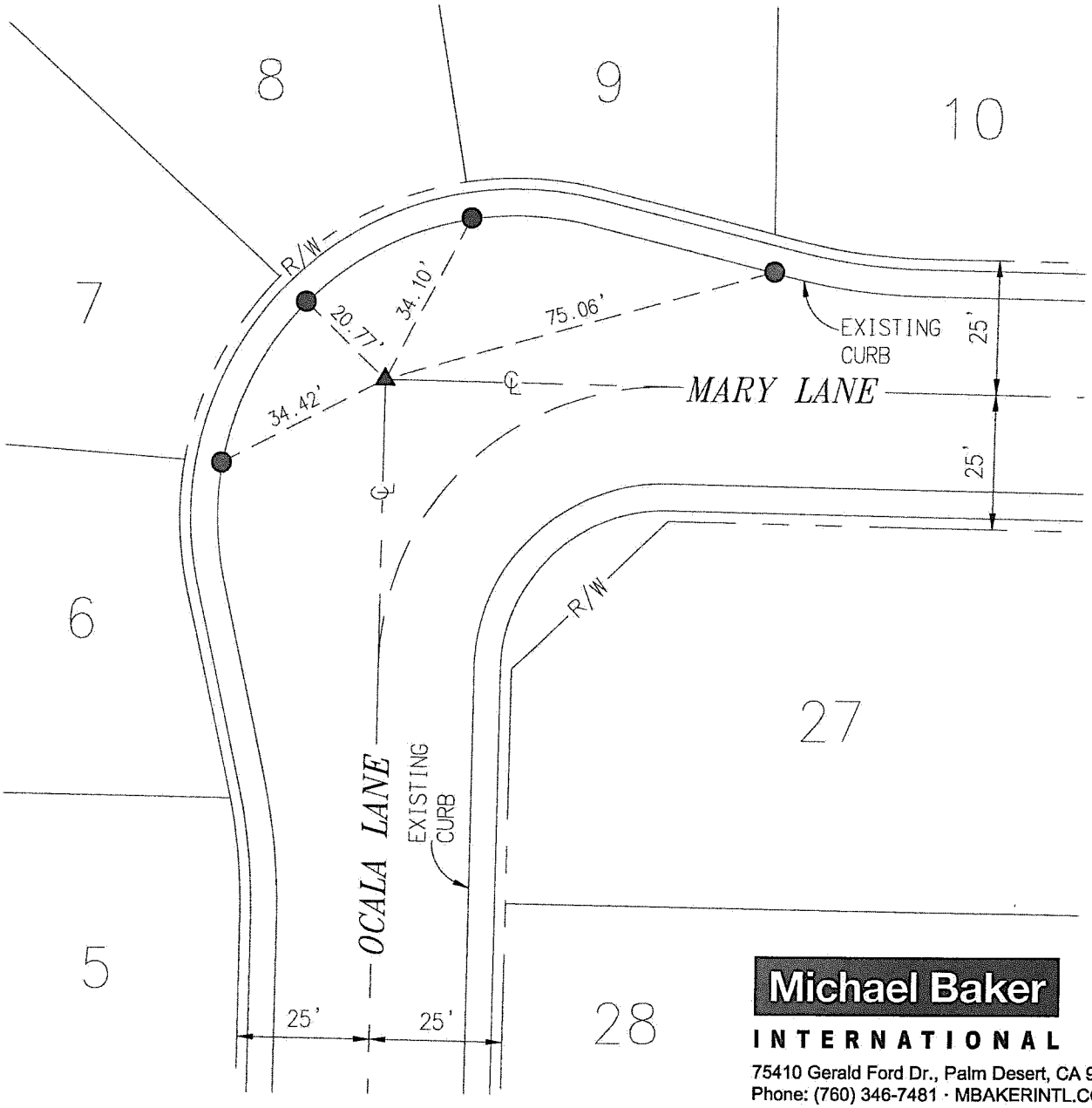
LEGEND

▲ INDICATES COPPERWELD MONUMENT STAMPED "LS 8508", FLUSH PER TRACT 37427, M.B. 470/94-97.

● INDICATES LEAD, TACK & TAG STAMPED "LS 8508", FLUSH ON TOP OF CURB PER TRACT 37427, M.B. 470/94-97.

N

SCALE: 1"=30'



Michael Baker
INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

L.S. NO. 8508
DATE: 02/26/2021

MONUMENT TIE SHEET
TRACT NO. 37427
M.B. 470/94-97

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=30'
JOB NO. 162996

SHEET 4 OF 5 SHEETS

TRACT 37427
M.B. 470/94-97

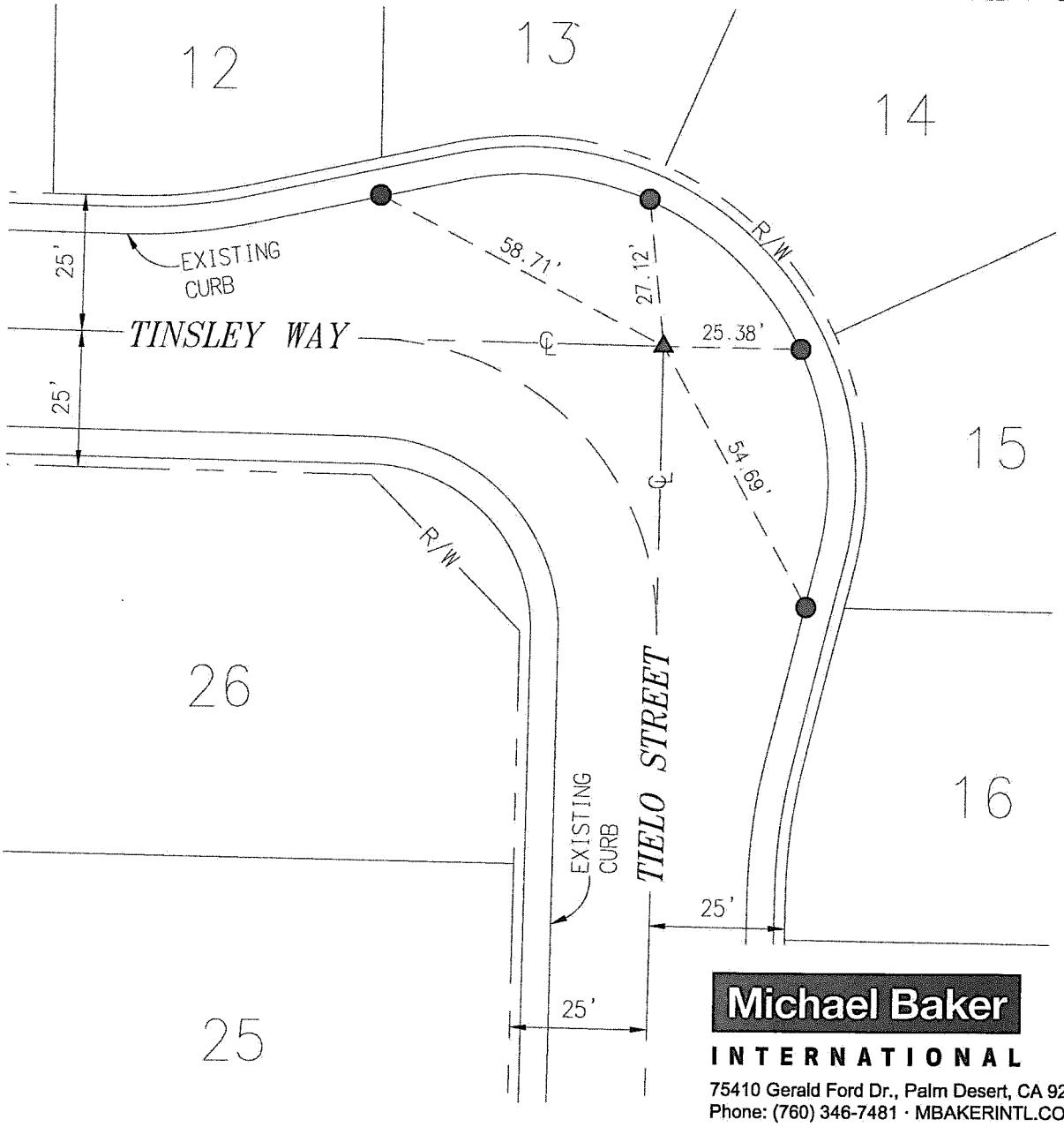
LEGEND

▲ INDICATES COPPERWELD MONUMENT STAMPED "LS 8508", FLUSH PER TRACT 37427, M.B. 470/94-97.

● INDICATES LEAD, TACK & TAG STAMPED "LS 8508", FLUSH ON TOP OF CURB PER TRACT 37427, M.B. 470/94-97.

N

SCALE: 1"=30'



Michael Baker
INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

L.S. NO. 8508
DATE: 02/26/2021

MONUMENT TIE SHEET
TRACT NO. 37427
M.B. 470/94-97

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=30'
JOB NO. 162996

SHEET 5 OF 5 SHEETS

TRACT 37427
M.B. 470/94-97

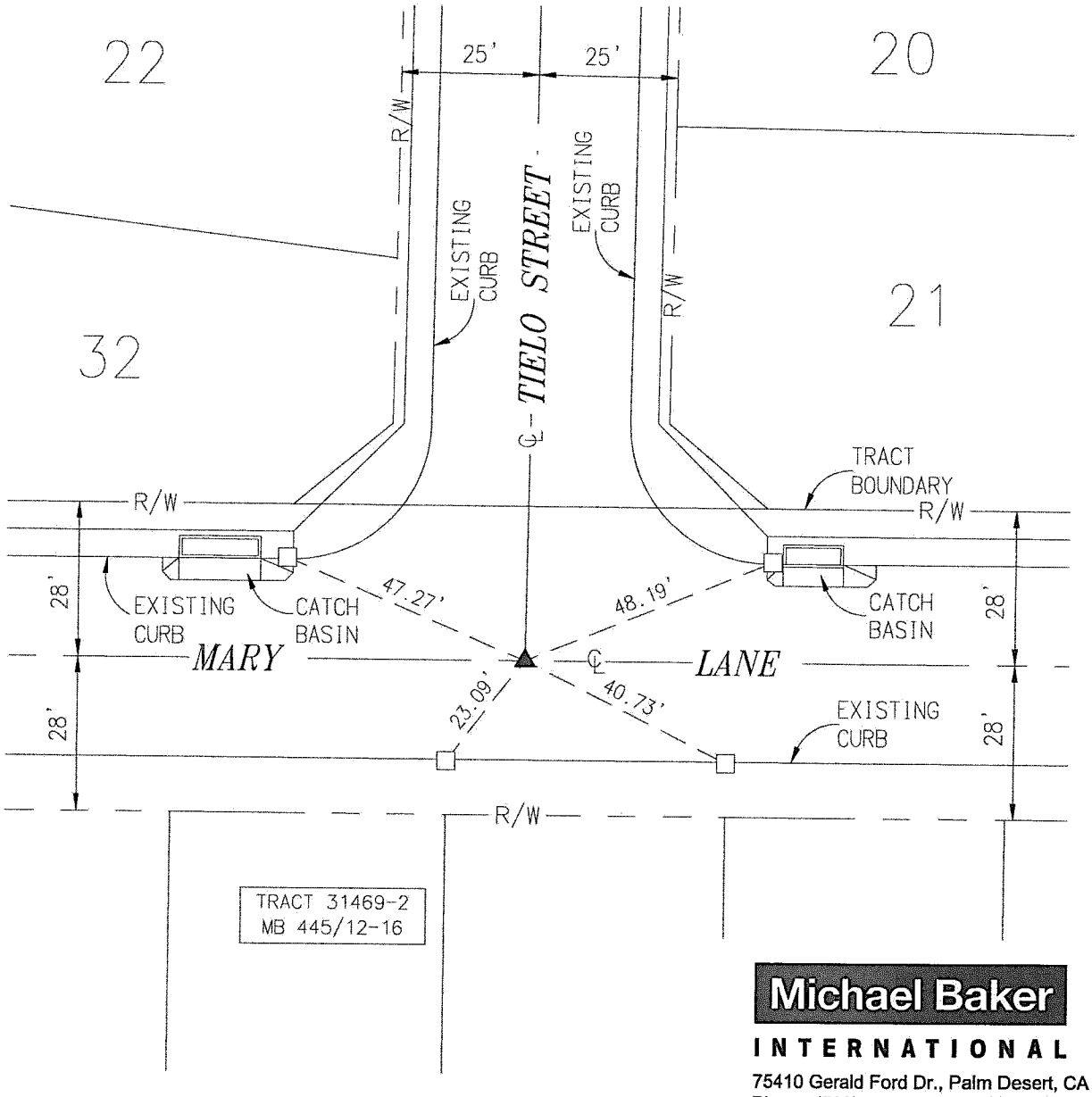
LEGEND

▲ INDICATES COPPERWELD MONUMENT STAMPED "LS 8508", FLUSH PER TRACT 37427, M.B. 470/94-97.

☐ INDICATES SET LEAD, TACK & TAG STAMPED "LS 8508 RP", FLUSH ON TOP OF CURB.

N

SCALE: 1"=30'



Michael Baker
INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

L.S. NO. 8508 DATE: 02/26/2021	MONUMENT TIE SHEET TRACT NO. 37427 M.B. 470/94-97	SCALE: 1"=30'
	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	JOB NO. 162996

City of Beaumont

550 E. 6th Street
Beaumont, CA 92223
(951) 769-8520
www.ci.beaumont.ca.us

Case No. PW2021-01617
Receipt No. R0114983S
Fee $ 4,699.34
Date Paid 3/26/21

BOND EXONERATION APPLICATION

Bond Type: ☐Performance ☐Maintenance ☒Final Monument Inspection ☐Other:_____

1. Contact's Name Rick Rush Phone (951) 529-7795

2. Contact's Address 1250 Corona Pointe Court Suite 600 Corona, CA 92879
City/State/Zip

5. Contact's E-mail rick.rush@tripointehomes.com

3. Developer Name Tri Pointe Homes Phone (951) 529-7795
(If corporation or partnership application must include names of principal officers or partners)

4. Developer Address Same As Above
City/St/Zip

5. Description of Bonds (including Bond Number, Tract Map/Application number, Lot number, and description of improvements covered):

Bond #30055682
Monument Bond Tract 37428
139 Numbered Lots, 7 Lettered Lots (146 Total Lots) $4,699.34

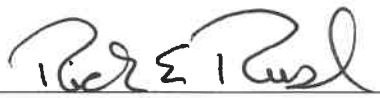
6. **CERTIFICATION OF ACCURACY AND COMPLETENESS:** I hereby certify that to the best of my knowledge the information in this application and all attached answers and exhibits are true, complete, and correct.

Rick Rush 03/09/2021
Print Name and Sign – Contact/Applicant Date

7. Contractor shall indemnify, defend, and hold harmless the City and its officers, officials, employees and volunteers from and against any and all liability, loss, damage, expense, costs (including without limitation costs and fees of litigation) of every nature arising out of or in connection with contractor's performance of work hereunder or its failure to comply with any of its obligations for which this Bond exoneration is requested, except for such loss or damage which was caused by the active negligence of the City.

Rick Rush 03/09/2021
Print Name and Sign – Contact/Applicant Date

8. Developer/Contractor has completed all the following items prior to requesting release or has included them in the application.
   - Remove and replace concrete and AC as needed where lifting.
   - Provide AC crack fill as needed. Crack fill/seal shall be hot asphaltic emulsion.
   - Provide Type II slurry coat for all road surfaces.
   - Restore/Verify pavement striping/markings.
   - Restore/Verify blue dots and signage as needed.
   - Clean and camera sewer. Provide report and video copy of camera survey.
   - Provide all final geotechnical reports.
   - Provide Engineers' certification for line and grade within Right-of-Way.
   - Provide Landscape Architects Certification as required.

Rick Rush  03/09/2021

Print Name and Sign – Contact/Applicant Date

Basic Gov (Sales Force) # _____
File # _____

Bond No. 30055682
Premium: $346.00

EXHIBIT "A"

PERFORMANCE BOND

WHEREAS, the City Council of the City of Beaumont, State of California, and _____ Pardee Homes (hereinafter designated as "Principal") have entered into Agreement To Provide Security For Improvements For Tract Map Or Parcel Map Or Plot Plan, dated November 13, 2018, whereby Principal agrees to install and complete certain designated public improvements itemized and described on Tract Map, Parcel Map or Plot Plan No. Sundance PA 47 Monuments Tract Map 37428 which is hereby incorporated herein and made a part hereof; and

WHEREAS, Principal is required under the terms of the said agreement to furnish a bond for the faithful performance of said agreement.

NOW, THEREFORE, we, the Principal and The Continental Insurance Company, as Surety, are held and firmly bound unto the City of Beaumont (hereinafter called "City"), in the penal sum of Eighty-Six Thousand Five Hundred & No/100- dollars ($ 86,500.00) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the Principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the said agreement and any alteration thereof made as therein provided, on his or their part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the City, its officers, agents and employees as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As part of the obligation secured hereby and in addition to the face amount specified therefor, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City in successfully enforcing such obligation, all to be taxed as costs and included in any judgment therein rendered.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the agreement or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the agreement or to the work or to the specifications.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on November 8, 2018.

PRINCIPAL:

Pardee Homes

By _____

Title Jeffrey R. Chambers
Vice President Development

SURETY:

The Continental Insurance Company

By _____

Title Janina Monroe, Attorney-In-Fact

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of Orange }

On NOV 0 8 2018 before me, Mariana Bryant, Notary Public
(Here insert name and title of the officer),

personally appeared Janina Monroe,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Mariana Bryant
Notary Public Signature (Notary Public Seal)

MARIANA BRYANT
Notary Public - California
Orange County
Commission # 2213241
My Comm. Expires Sep 9, 2021

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Performance Bond
(Title or description of attached document)

30055682
(Title or description of attached document continued)

Number of Pages 1 Document Date 11/8/18

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
- ☐ Corporate Officer
  _____
  (Title)
- ☐ Partner(s)
- ☐ Attorney-in-Fact
- ☐ Trustee(s)
- ☐ Other _____

2015 Version www.NotaryClasses.com 800-873-9865

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he~~/she/~~they,~~ is /~~are~~) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
  - Indicate title or type of attached document, number of pages and date.
  - Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a Pennsylvania insurance company, is a duly organized and insurance company having its principal office in the City of Chicago, and State of Illinois, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Janina Monroe, Tom Mc Call, Paul Boucher, Individually

of Los Angeles, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the insurance company and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Board of Directors of the insurance company.

In Witness Whereof, The Continental Insurance Company has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 27th day of July, 2018.

The Continental Insurance Company

Paul T. Bruflat — Vice President

State of South Dakota, County of Minnehaha, ss:

On this 27th day of July, 2018, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of The Continental Insurance Company, a Pennsylvania insurance company, described in and which executed the above instrument; that he knows the seal of said insurance company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said insurance company and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance company.

J. MOHR NOTARY PUBLIC SOUTH DAKOTA

My Commission Expires June 23, 2021

J. Mohr — Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of The Continental Insurance Company, a Pennsylvania insurance company, do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance company printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance company this _____ day of NOV 08 2018, _____.

The Continental Insurance Company

D. Johnson — Assistant Secretary

Form F6850-4/2012

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Riverside)

On November 13, 2018 before me, Sonal Shah, Notary Public
(insert name and title of the officer)

personally appeared Jeffrey R. Chambers,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SONAL SHAH
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2216371
RIVERSIDE COUNTY
My Comm. Exp. September 30, 2021

Signature Sonal Shah (Seal)

Bond No. 30055682
Premium is included in the
cost of the Performance Bond

EXHIBIT "B"

PAYMENT BOND

WHEREAS, the City Council of the City of Beaumont, State of California, and Pardee Homes (hereafter designated as "the Principal") have entered into Agreement To Provide Security For Improvements For Tract Map Or Parcel Map Or Plot Plan, dated November 13, 2018, whereby Principal agrees to install and complete certain designated public improvements itemized and described on Tract Map, Parcel Map or Plot Plan No. Sundance PA 47 Mounuments Tract Map 37428 which is hereby incorporated herein and made a part hereof; and

WHEREAS, under the terms of the said agreement, the Principal is required before entering upon the performance of the work, to file a good and sufficient payment bond with the City of Beaumont to secure the claims to which reference is made in Section 8000, et seq., of the Civil Code of the State of California.

NOW, THEREFORE, the Principal and the undersigned as corporate surety, are held firmly bound unto the City of Beaumont and all contractors, subcontractors, laborers, materialmen, and other persons employed in the performance of the said agreement and referred to at Section 8000, et seq., of the Civil Code in the sum of Eighty-Six Thousand Five Hundred & No/100 dollars ($ 86,500.00), for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to this work or labor, that the Surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City in successfully enforcing this obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under Section 8000, et seq., of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The Surety hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the agreement or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on November 8, 20 18.

PRINCIPAL:

Pardee Homes

By _____

Title Jeffrey R. Chambers
Vice President Development

SURETY:

The Continental Insurance Company

By _____

Title Janina Monroe, Attorney-In-Fact

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of Orange }

On NOV 0 8 2018 before me, Mariana Bryant, Notary Public
(Here insert name and title of the officer),

personally appeared Janina Monroe,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Mariana Bryant
Notary Public Signature (Notary Public Seal)

MARIANA BRYANT
Notary Public - California
Orange County
Commission # 2213241
My Comm. Expires Sep 9, 2021

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Payment Bond
(Title or description of attached document)

30055682
(Title or description of attached document continued)

Number of Pages 1 Document Date 11/8/18

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
- ☐ Corporate Officer
  (Title)
- ☐ Partner(s)
- ☐ Attorney-in-Fact
- ☐ Trustee(s)
- ☐ Other

2015 Version www.NotaryClasses.com 800-873-9865

INSTRUCTIONS FOR COMPLETING THIS FORM

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- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he~~/she/~~they,~~ is /~~are~~) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
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  - Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That The Continental Insurance Company, a Pennsylvania insurance company, is a duly organized and insurance company having its principal office in the City of Chicago, and State of Illinois, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Janina Monroe, Tom Mc Call, Paul Boucher, Individually

of Los Angeles, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the insurance company and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Board of Directors of the insurance company.

In Witness Whereof, The Continental Insurance Company has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 27th day of July, 2018.

The Continental Insurance Company

Paul T. Bruflat — Vice President

State of South Dakota, County of Minnehaha, ss:

On this 27th day of July, 2018, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of The Continental Insurance Company, a Pennsylvania insurance company, described in and which executed the above instrument; that he knows the seal of said insurance company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said insurance company and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance company.

J. MOHR
NOTARY PUBLIC
SOUTH DAKOTA

My Commission Expires June 23, 2021

J. Mohr — Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of The Continental Insurance Company, a Pennsylvania insurance company, do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance company printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance company this _____ day of NOV 08 2018, _____.

The Continental Insurance Company

D. Johnson — Assistant Secretary

Form F6850-4/2012

ACKNOWLEDGMENT

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State of California
County of Riverside)

On November 13, 2018 before me, Sonal Shah, Notary Public
(insert name and title of the officer)

personally appeared Jeffrey R. Chambers,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SONAL SHAH
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2216371
RIVERSIDE COUNTY
My Comm. Exp. September 30, 2021

Signature Sonal Shah (Seal)

Rev. 02/25/2015

Basic Gov (Sales Force) # _____
File # _____

AGREEMENT TO PROVIDE SECURITY FOR IMPROVEMENTS FOR TRACT MAP OR PARCEL MAP OR PLOT PLAN
(Tract Map/~~Parcel Map/Plot Plan~~ No. 37428)

THIS SECURITY AGREEMENT is made by and between CITY OF BEAUMONT ("CITY") and Pardee Homes, a California company ("DEVELOPER").

RECITALS

A. DEVELOPER has applied to the CITY for permission to develop certain real property, pursuant to Tract Map/~~Parcel Map/Plot Plan~~ # 37428, ("Map"). DEVELOPER has also asked the CITY to accept the dedication of the street or streets and other proposed public rights-of-way, parks and recreation facilities, and easements as depicted on the Map and to otherwise approve the Map so that it may be recorded as required by law; and

B. The CITY requires, as a condition precedent to the acceptance and approval of the Map and the dedication of the public rights-of-way and easements depicted thereon, that such rights-of-way be improved with (for example) grading, paving, curbs, gutters, sidewalks, street lights, stormdrains, sanitary sewers and appurtenances thereto, street name signs, survey monuments, electrical and telecommunications, water pipes, water mains, fire hydrants and appurtenances thereto, and landscaping, including any warranty work for all such improvements (collectively, "Improvements"); and

C. The Improvements have not yet been constructed and completed and it is the purpose of this Security Agreement to set forth the terms and conditions by which the DEVELOPER shall guarantee that such Improvements shall be constructed and completed within the time set forth herein.

AGREEMENT

NOW, THEREFORE, in consideration of the acceptance of the DEVELOPER's offer of dedication and the approval of the Map for filing and recording as provided and required by law, the CITY and the DEVELOPER hereby agree as follows:

1. Provision of Improvements. DEVELOPER shall provide, at the DEVELOPER's sole cost and expense, all necessary labor and materials to complete the construction of the Improvements depicted on the Map and described in the conditions of approval of the Map within one (1) year of the date of this Security Agreement.

2. Inspection by the CITY. The CITY shall inspect, at the DEVELOPER's sole cost and expense, all of the work, labor and materials performed and provided by the DEVELOPER in connection with the Improvements.

3. Compliance with Plans and Specifications. The Improvements shall be constructed and installed in strict accordance with the CITY-approved plans and specifications.

4. Security for Performance. Concurrently with the execution of this Security Agreement by DEVELOPER, DEVELOPER shall deliver to the CITY a performance bond issued by a corporate surety in substantially the form attached hereto as **Exhibit "A"**, in an amount that is not less than 100% of the total estimated cost of the Improvements and any warranty therefor. The performance bond shall be issued by an "admitted" corporate surety insurer authorized to do business in the State of California and the surety insurer shall have an A.M. Best rating of at least "A, XV". The surety insurer shall have assets exceeding its liabilities in the amount equal to or in excess of the amount of the bond, and the bond shall not be in excess of 10% of the surety insurer's assets. The security or bond shall also insure against any and all defects in the Improvements for a period of not less than one full year after the date of acceptance thereof by the CITY. The bond shall be duly executed and shall meet all the requirements of Section 995.660 of the California Code of Civil Procedure.

5. Security for Contractors, Subcontractors, Laborers and Materialmen. The DEVELOPER shall also provide a payment bond issued by a corporate surety for the security of laborers and materialmen, which bond or bonds shall be in substantially the form attached hereto as **Exhibit "B"** and made a part hereof. The amount of the bond(s) shall be no less than 100% of the total estimated amount needed to secure payment to the contractor, to the subcontractors, and to the persons furnishing labor, materials, or equipment to them for the Improvements. The laborers and materialmen bond shall be provided by an "admitted" corporate surety insurer authorized to transact surety insurance in the State of California with an A.M. Best rating of "A, XV", and with assets exceeding its liabilities in the amount equal to or in excess of the amount of the bond, and the bond shall not be in excess of 10% of the surety insurer's assets. The bond shall be duly executed and shall meet all the requirements of Section 995.660 of the California Code of Civil Procedure.

6. General Liability and Worker's Compensation Insurance. The DEVELOPER shall, before commencing any work, obtain commercial general liability insurance (primary) of not less than $2,000,000.00 per occurrence for all coverages and $2,000,000.00 general aggregate. The CITY and its employees and agents shall be added as additional insureds. Coverage shall apply on a primary non-contributing basis in relation to any other insurance or self-insurance, primary or excess, available to the CITY or any employee or agent of the CITY. Coverage shall not be limited to the vicarious liability or supervisory role of any additional insured. Coverage shall contain no contractors' limitation endorsement. There shall be no endorsement or modification limiting the scope of coverage for liability arising from pollution, explosion, collapse, underground property damage or employment-related practices. Such insurance shall not prohibit the DEVELOPER, and its employees or agents, from waiving the right of subrogation prior to a loss. The DEVELOPER waives its right of subrogation against the CITY. Unless otherwise approved by the CITY, the DEVELOPER's insurance shall be written by insurers authorized to do business in the State of California and with a minimum A.M. Best rating of "A, XV." Self-insurance shall not be considered to comply with these insurance specifications. The DEVELOPER agrees to require all contractors, subcontractors and other parties hired for the Improvements to purchase and maintain insurance of the types specified

herein, naming as additional insureds all of the parties to this Security Agreement. The DEVELOPER shall, before commencing any work, obtain Worker's Compensation Insurance in an amount required by law and, failing to do so, the CITY may procure such insurance at the cost of the DEVELOPER.

7. Comprehensive Commercial General and Automobile Liability Insurance. The DEVELOPER, before commencing any work shall, at its own expense, maintain comprehensive commercial general and automobile liability insurance issued by a California-admitted surety company with an A.M. Best rating of no less than "A, XV" for $2,000,000 per occurrence. Coverage shall be for the entire duration of the permitted activities. Such liability insurance policy shall name, by endorsement, the City as an additional insured.

8. Indemnification. Notwithstanding the provisions of Government Code, Section 66474.9 or any other statutes of similar import, and to the full extent permitted by law, the DEVELOPER shall defend, indemnify and hold harmless the CITY, its employees, agents, officials and attorneys, from and against any liability, claims, suits, actions, arbitration proceedings, administrative proceedings, regulatory proceedings, losses, expenses or costs of any kind or nature, whether actual, alleged or threatened, reasonable attorneys' fees, court costs, interest, expert witness fees and any other costs or expenses of any kind whatsoever, without restriction or limitation, incurred in relation to, as a consequence of, or arising out of or in any way attributable actually, allegedly or impliedly, in whole or in part, to the Map, the Improvements, this Agreement, or any matter related to the same; provided, however, that the indemnification to be provided by DEVELOPER to the CITY pursuant to the terms of this paragraph shall not be applicable where the aforementioned liability, claim, suit, action, etcetera, is the result of the sole negligence or sole willful misconduct of the CITY.

9. Procedure for Release of Performance Bond Security. The security furnished by the DEVELOPER shall be released in whole or in part in the following manner:

a. Security shall be released upon final completion and acceptance of the Improvements. If the security furnished by the DEVELOPER is a documentary evidence of security, such as a surety bond, the CITY shall release the documentary evidence and return the original to the Surety upon final completion and acceptance of the Improvements. In the event the CITY is unable to return the original documentary evidence to the Surety, the security shall be released by written notice sent by certified mail to the DEVELOPER and to the Surety within 30 days of the City's acceptance of the Improvements. The written notice shall contain a statement that the work for which security was furnished has been completed and accepted, a description of the Improvements, and the notarized signature of an authorized CITY official.

b. At such time as the DEVELOPER believes that the work for which the security was required is complete and makes payment of a partial exoneration fee of $350 to the CITY, the DEVELOPER shall notify the CITY in writing of the completed work, including a list of work completed. Upon receipt of the written notice, the CITY shall have 45 days to review and comment or approve the completion of the Improvements. If the CITY does not agree that all work has been completed in accordance with the plans

and specifications for the Improvements, it shall supply a list of all remaining work to be completed.

c. Within 45 days of receipt of the CITY's list of remaining work, the DEVELOPER may then provide cost estimates for all remaining work for review and approval by the CITY.

d. Upon receipt of the cost estimates, the CITY shall then have 45 days to review, comment, and approve, modify or disapprove those cost estimates. The CITY shall not be required to engage in this process of partial release more than once between the start of work and the completion and acceptance of all work.

e. The DEVELOPER shall complete the works of Improvement until all remaining items are accepted by the CITY. Upon completion of the Improvements, the DEVELOPER shall be notified in writing by the CITY within 45 days and, within 45 days of the date of the CITY's notice, the release of any remaining performance security shall be made within 60 days of the recording of the Notice of Completion.

10. Procedure for Release of Payment Bond Security. Security securing the payment to the contractor, his or her subcontractors and persons furnishing labor, materials or equipment may, after passage of the time within which mechanic's liens and stop notices are required to be recorded and after acceptance of the Improvements, be reduced by Surety to an amount equal to the total claimed by all claimants for whom mechanic's liens and stop notices have been recorded and notice thereof given in writing to the CITY, and if no claims have been recorded, the security may be released in full.

11. Security for One-Year Warranty Period. The release procedures described in paragraphs 9 and 10 above shall not apply to any required guarantee and warranty period nor to the amount of the performance bond security deemed necessary by the CITY for the guarantee and warranty period nor to costs and reasonable expenses and fees, including reasonable attorneys' fees.

12. Binding Effect. This Security Agreement shall be binding upon and shall inure to the benefit of the parties hereto, their legal representatives and their successors and assigns.

13. Authority to Execute. The DEVELOPER hereby warrants and represents to the CITY that the individual signing this Security Agreement on behalf of the DEVELOPER is vested with the unconditional authority to do so pursuant to, and in accordance with, all applicable legal requirements, and has the authority bind the DEVELOPER hereto.

14. No Assignment. The DEVELOPER may not assign this Security Agreement, or any part thereof, to another without the prior written consent of the CITY.

15. Attorneys' Fees. In the event of legal action to enforce or interpret this Agreement or any of its provisions, the prevailing party shall be entitled, in addition to any other form of relief, to recover its reasonable attorneys' fees and costs of suit.

16. Execution in Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but which together shall constitute a single agreement.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the dates listed below.

CITY OF BEAUMONT

By _____
Mayor

_____
Date

DEVELOPER

By _____

11-13-2018
Date

Title: Jeffrey R. Chambers
Vice President Development

Address: 1250 Corona Pointe Court
Suite 600
Corona, CA 92879

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Riverside)

On November 13, 2018 before me, Sonal Shah, Notary Public
(insert name and title of the officer)

personally appeared Jeffrey R. Chambers,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SONAL SHAH
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2216371
RIVERSIDE COUNTY
My Comm. Exp. September 30, 2021

Signature Sonal Shah (Seal)

BOND REQUEST FORM

1	CONSULTANT REQUEST DATE:	November 8, 2018
2	PARDEE MANAGER (print):	Michael Heishman
3	MANAGER APPROVAL (initial & date):	11/8/18
4	PARDEE JOB NO.:	70499018
5	PARDEE JOB DESCRIPTION:	Sundance - Tract 37428 PA47 Monuments
6	ENGINEER OF RECORD (CO. NAME):	Michael Baker International Consultants
7	MUNICIPALITY (OBLIGEE):	City of Beaumont
8	MUNICIPALITY ADDRESS:	550 E. 6th St. Beaumont, CA 92223
9	CITY/COUNTY REFERENCE NUMBER:	Sundance- Tract 37428
10	BOND AMOUNT:	$86,500.00
11	BOND TYPE:	Monumentation
12	PROJECTED EXONERATION:	November 8, 2020

********** ***CONSULTANT INCLUSIONS -- CHECK ALL THAT APPLY*** **********

13	**BOND ESTIMATE:**	X
14	**ORIGINAL BOND FORM:**	X
15	**ASSOCIATED FEES CHECK REQUEST:**	X

********** ***LEGEND*** **********

ITEMS 2 - 5 **SUPPLIED BY PARDEE**

ITEMS 1 & 6 - 12 **SUPPLIED BY CONSULTANT**

ITEM 9: PERMIT OR OTHER MUNICIPALITY REFERENCE NUMBER
ITEM 11: PERFORMANCE, LABOR & MATERIALS, GRADING SURETY, WARRANTY, ETC.
ITEM 12: DATE PARDEE CAN EXPECT TO RECEIVE EXONERATION LETTER FROM MUNICIPALITY
ITEM 13: BOND ESTIMATE OR TABULATION FORM - APPROVED BY MUNICIPALITY
ITEM 14: ORIGINAL MUNICIPALITY APPROVED BOND FORM (if required by Municipality)
ITEM 15: PERMIT OR OTHER FEES - CHECK REQUEST INCLUDED (if required)

Michael Baker
INTERNATIONAL

November 7, 2018

JN 165423

City of Beaumont
Public Works Department
550 E 6th Street
Beaumont, CA 92223

Subject: Sundance – Tract 37428
Monumentation Estimate

To whom it may concern:

The estimated cost for material and labor to install the survey monuments as shown on Tract Map 37428 is $86,500.

Please contact me at 760-346-7481 should any questions arise regarding this cost estimate.

Sincerely,

Christopher Alberts, PLS 8508
Survey Manager
Palm Desert Office

PROFESSIONAL LAND SURVEYOR
CHRISTOPHER L. ALBERTS
LS No. 8508
STATE OF CALIFORNIA

Michael Baker
INTERNATIONAL

February 26, 2021 JN 166048

City of Beaumont
550 East 6th Street
Beaumont, CA 92223
Attn: City Surveyor

Subject: Tract No. 37428, M.B. 466/27-34
PW # 2018-0213
Survey Monumentation

To whom it may concern:

The monuments required for the release of surety bonds on the above referenced tract map have been set in accordance with City requirements. Michael Baker International has been paid for our services to place the monuments as shown on the said tract map. Signed and stamped monument tie sheets and a copy of the final map are enclosed for your use.

If you have any questions on this matter, please contact this office at 760-346-7481.

Sincerely,

2-26-2021

Christopher L. Alberts Date
P.L.S. 8508

75-410 Gerald Ford Drive, Suite 100 | Palm Desert, CA 92211
Office: 760.346.7481 | Fax: 760.346.8315

TRACT 37428
M.B. 466/27–34

SHEET 1 OF 13 SHEETS

LEGEND

X INDICATES SHEET NUMBER

SCALE: 1"=250'

PROFESSIONAL LAND SURVEYOR
CHRISTOPHER L. ALBERTS
LS No. 8508
STATE OF CALIFORNIA

CHRISTOPHER L. ALBERTS L.S. 8508

02/26/2021
DATE

Michael Baker
INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

MONUMENT TIE SHEET
TRACT NO. 37428
M.B. 466/27–34

L.S. NO. 8508
DATE: 02/26/2021

ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=250'
JOB NO. 166048

SHEET 2 OF 13 SHEETS

TRACT 37428
M.B. 466/27-34

LEGEND

▲ INDICATES COPPERWELD MONUMENT STAMPED "LS 8508", FLUSH PER TRACT 37428, M.B. 466/27-34.

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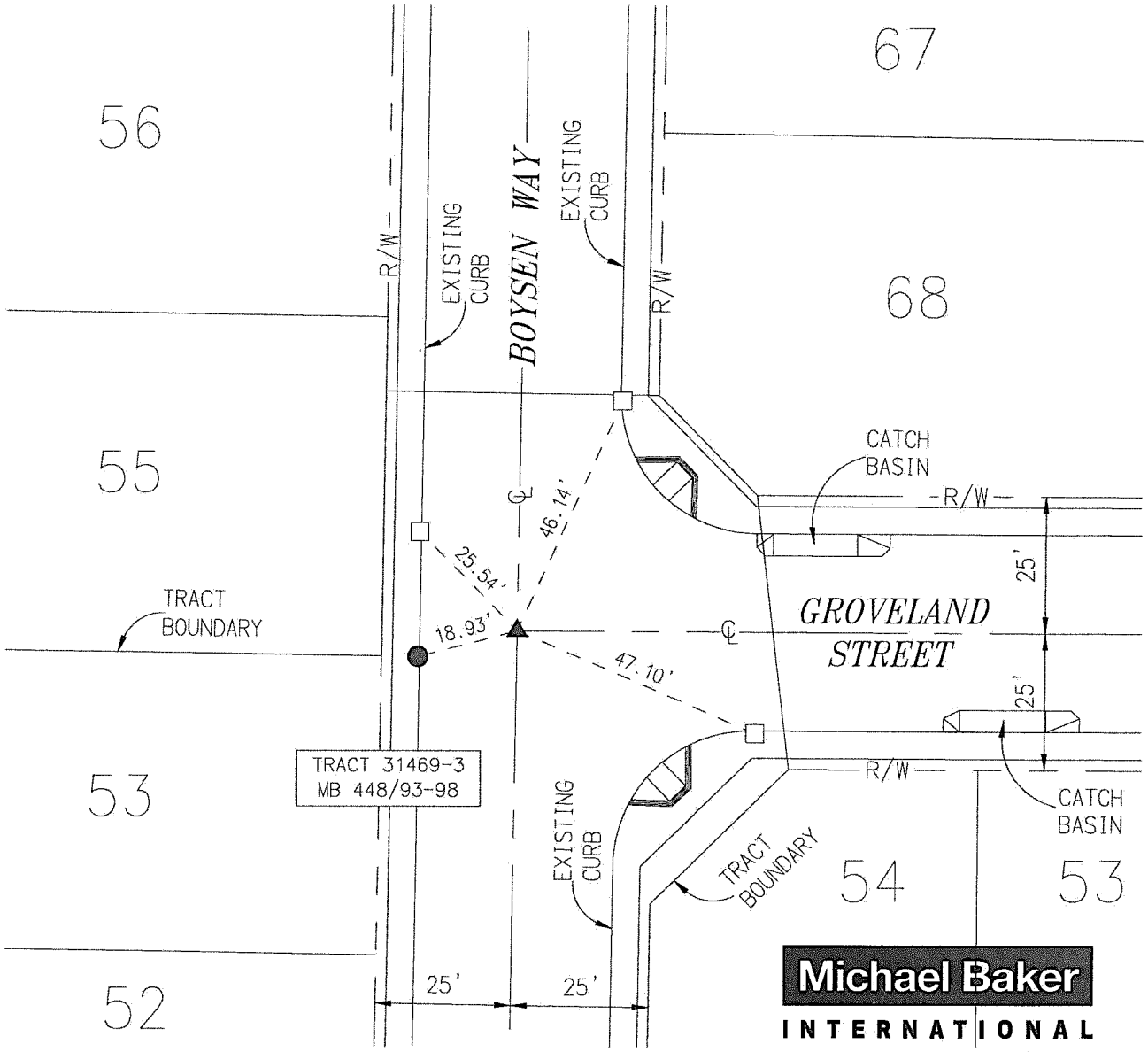
N

SCALE: 1"=30'



Michael Baker
INTERNATIONAL
75410 Gerald Ford Dr., Palm Desert, CA 92211
Phone: (760) 346-7481 · MBAKERINTL.COM

L.S. NO. 8508 DATE: 02/26/2021	**MONUMENT TIE SHEET** TRACT NO. 37428 M.B. 466/27-34	SCALE: 1"=30' JOB NO. 166048
	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	

TRACT 37428
M.B. 466/27-34

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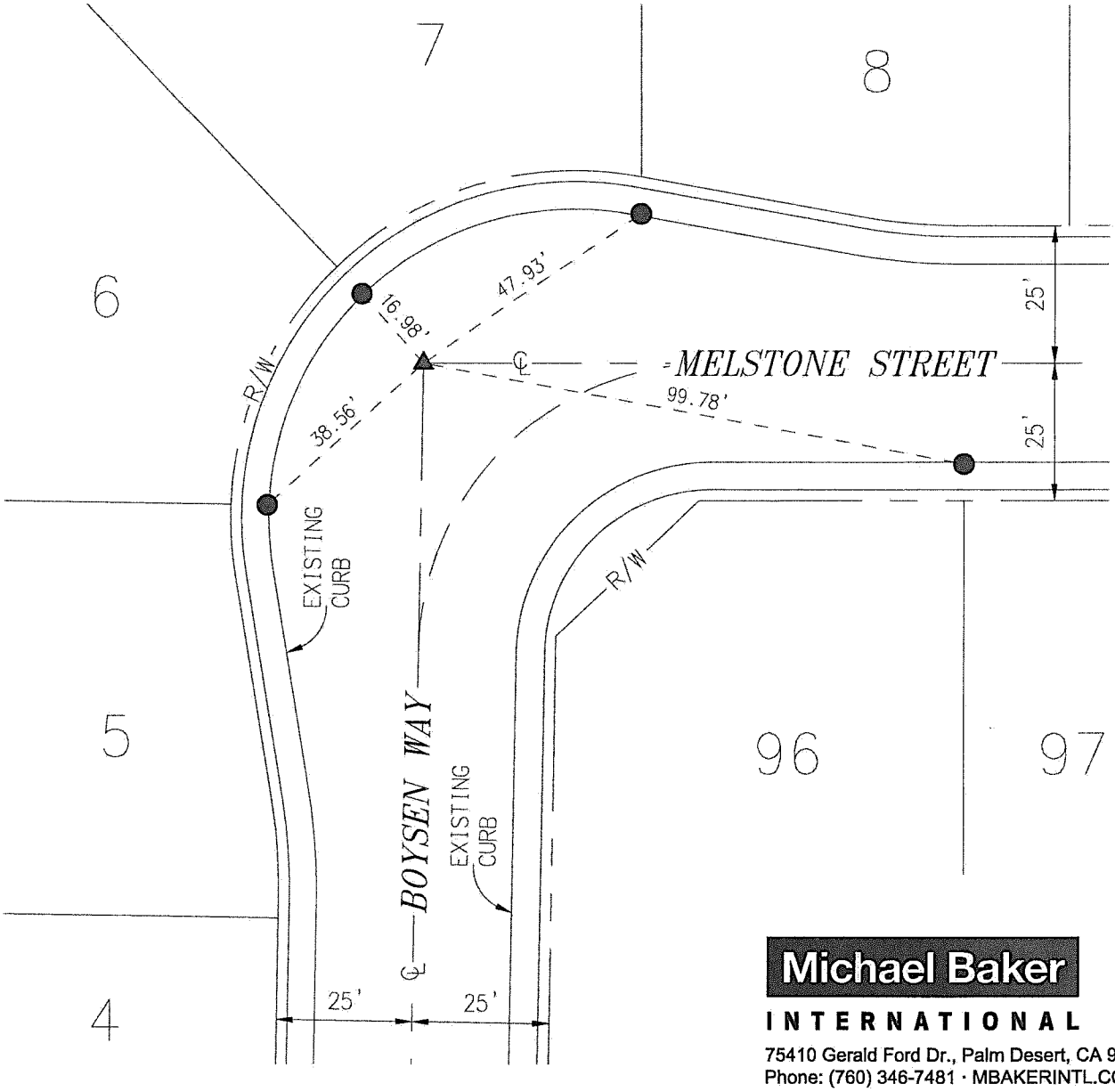

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TRACT 37428
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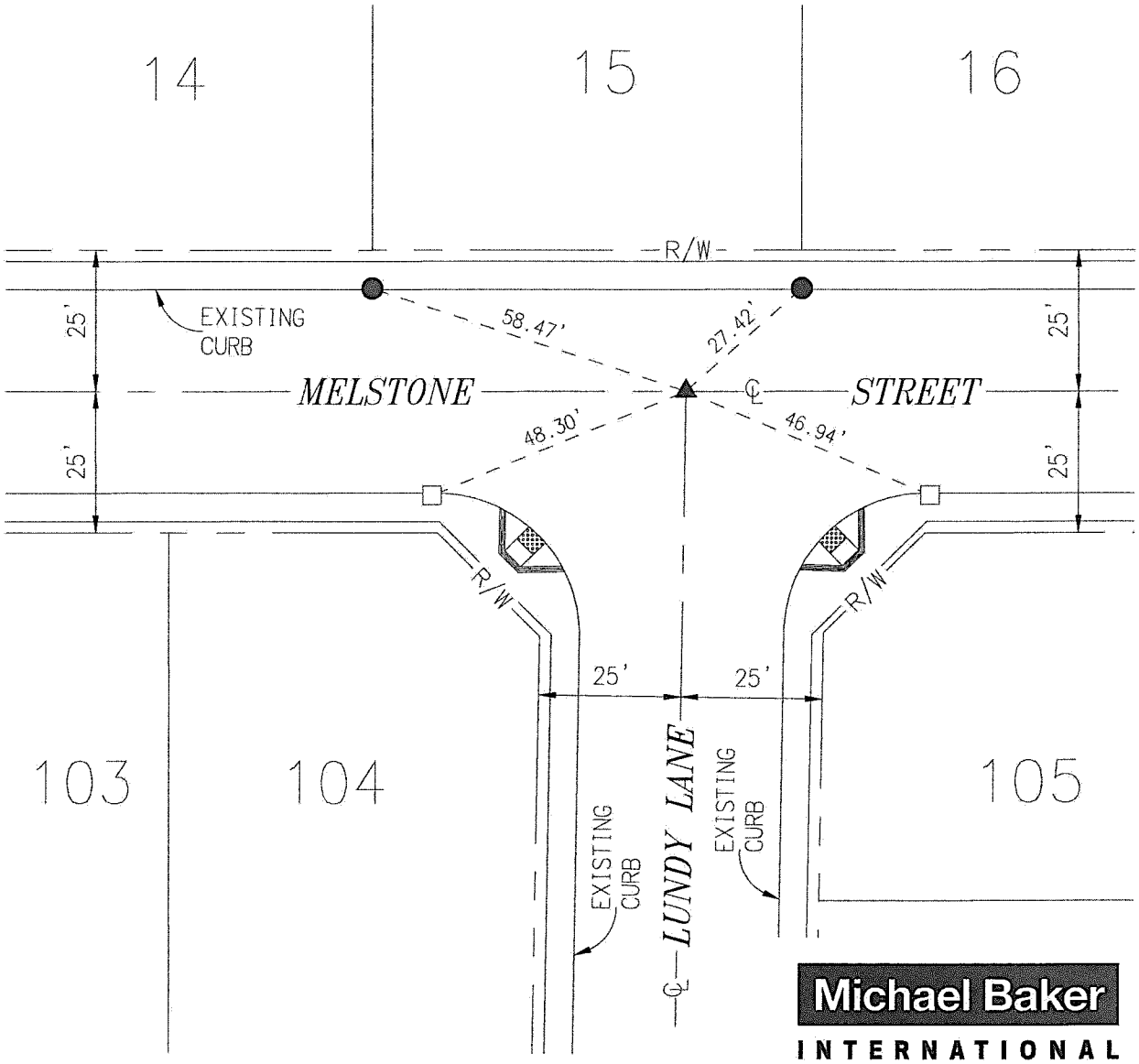

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L.S. NO. 8508
DATE: 02/26/2021

MONUMENT TIE SHEET
TRACT NO. 37428
M.B. 466/27-34
ENGINEERING DEPARTMENT — CITY OF BEAUMONT

SCALE: 1"=30'
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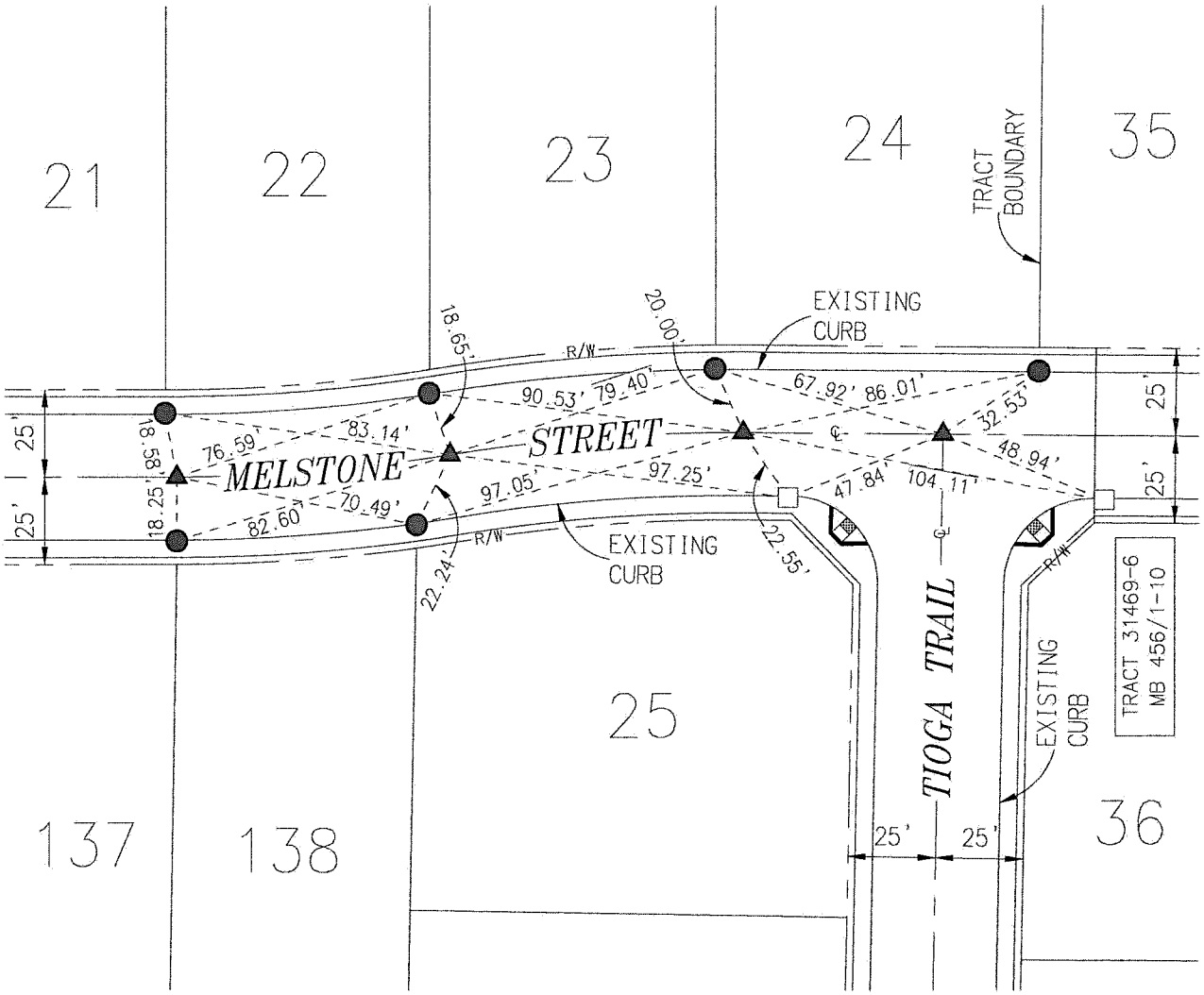
SCALE: 1"=50'



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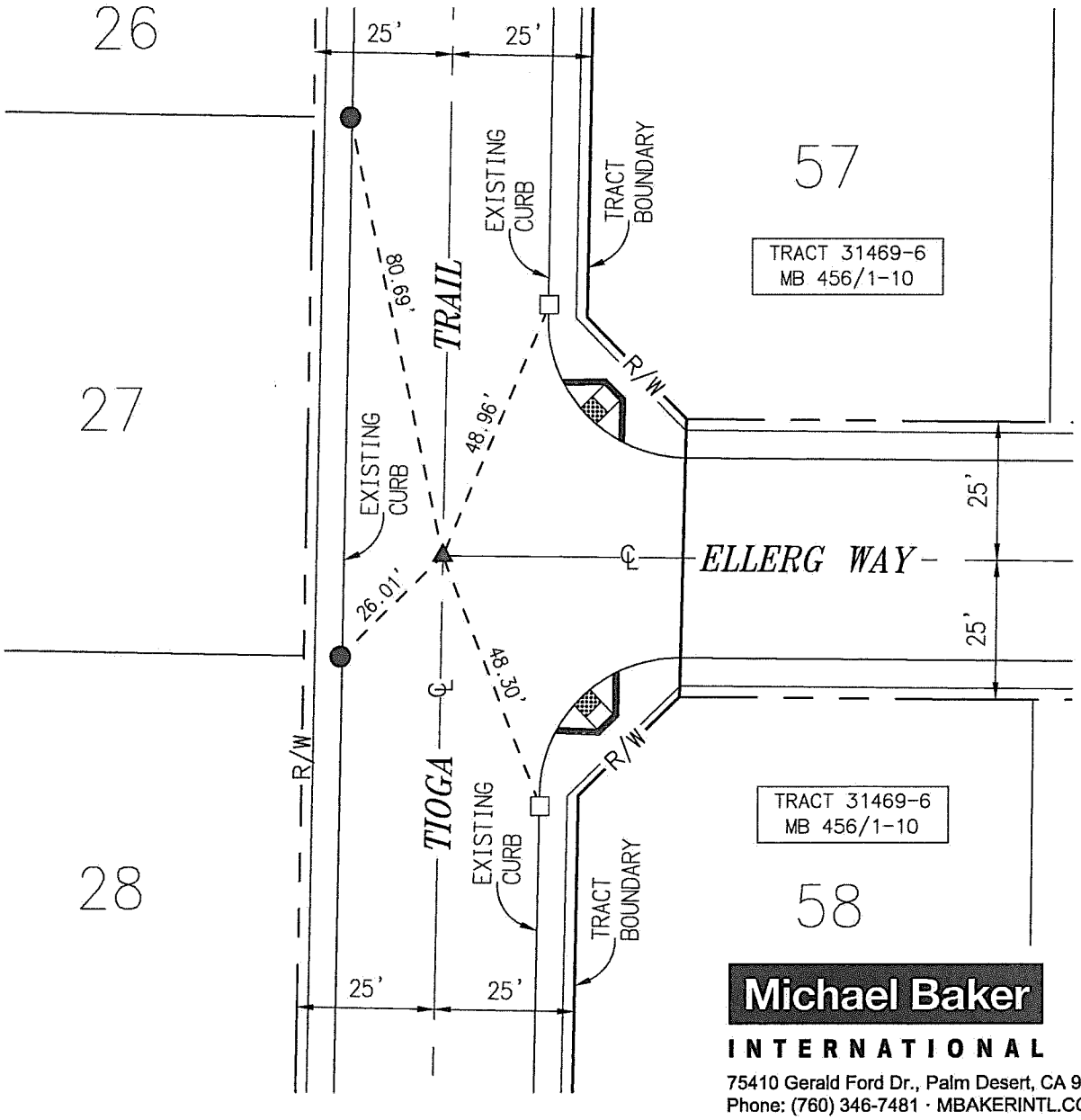

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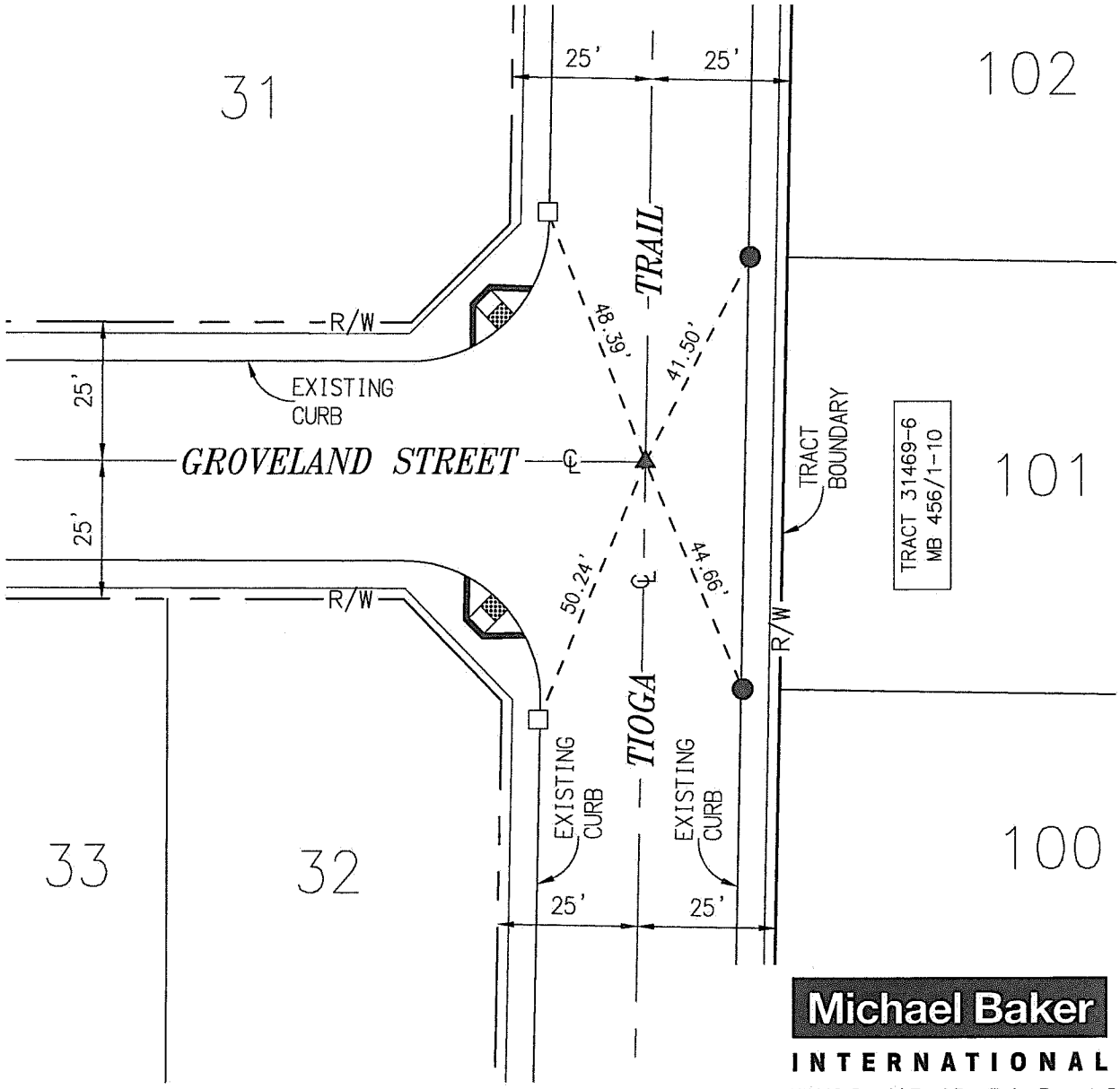

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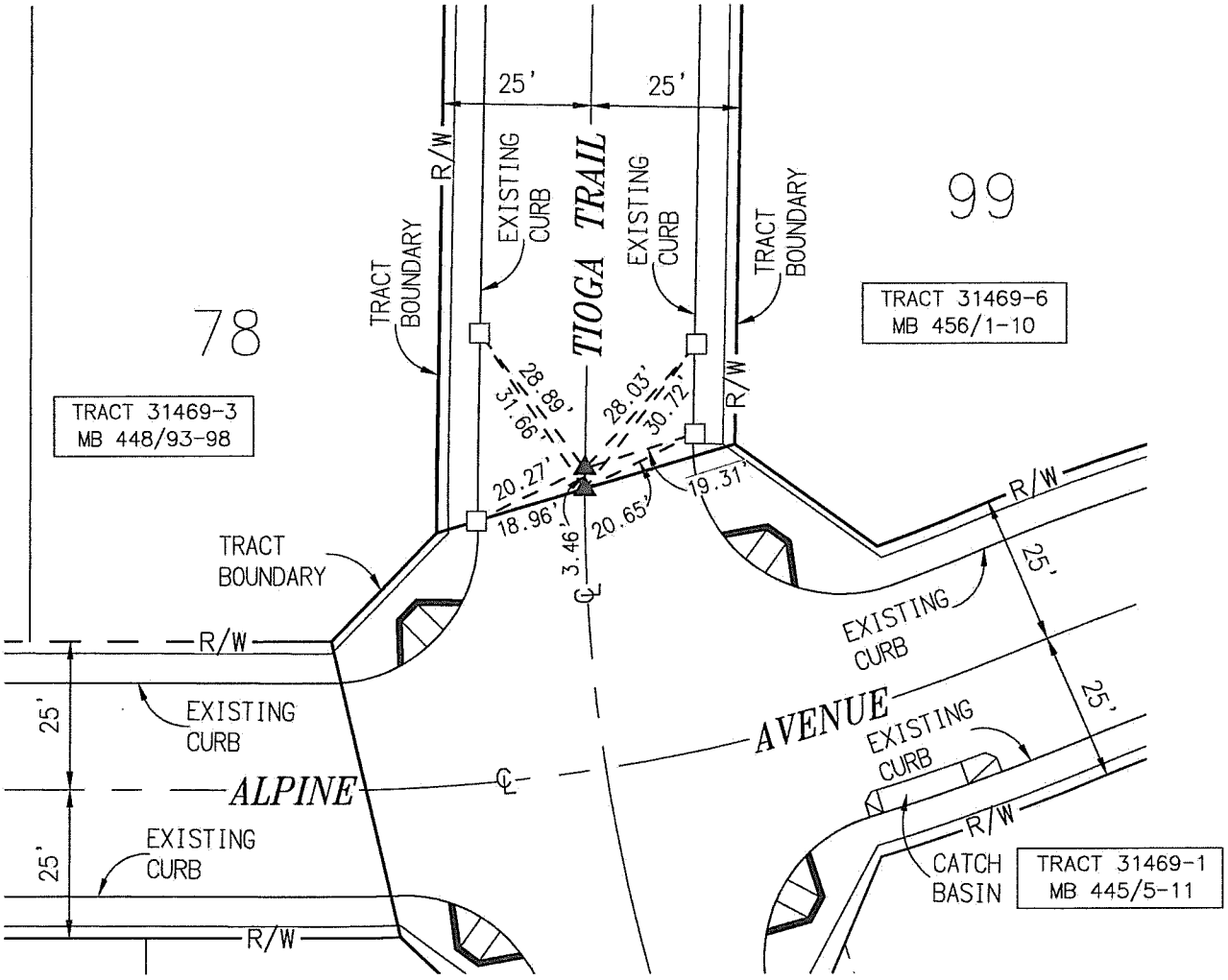

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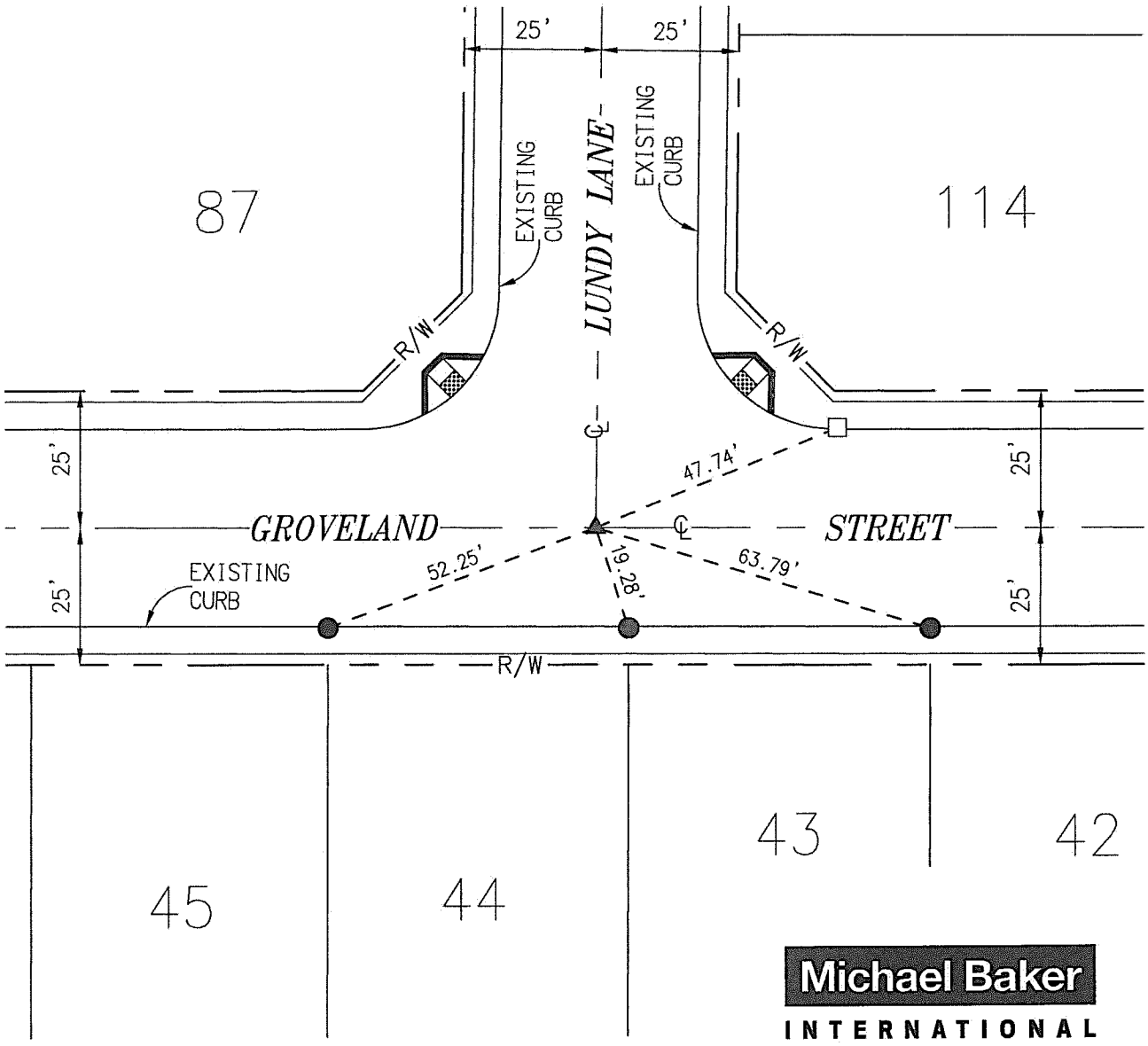

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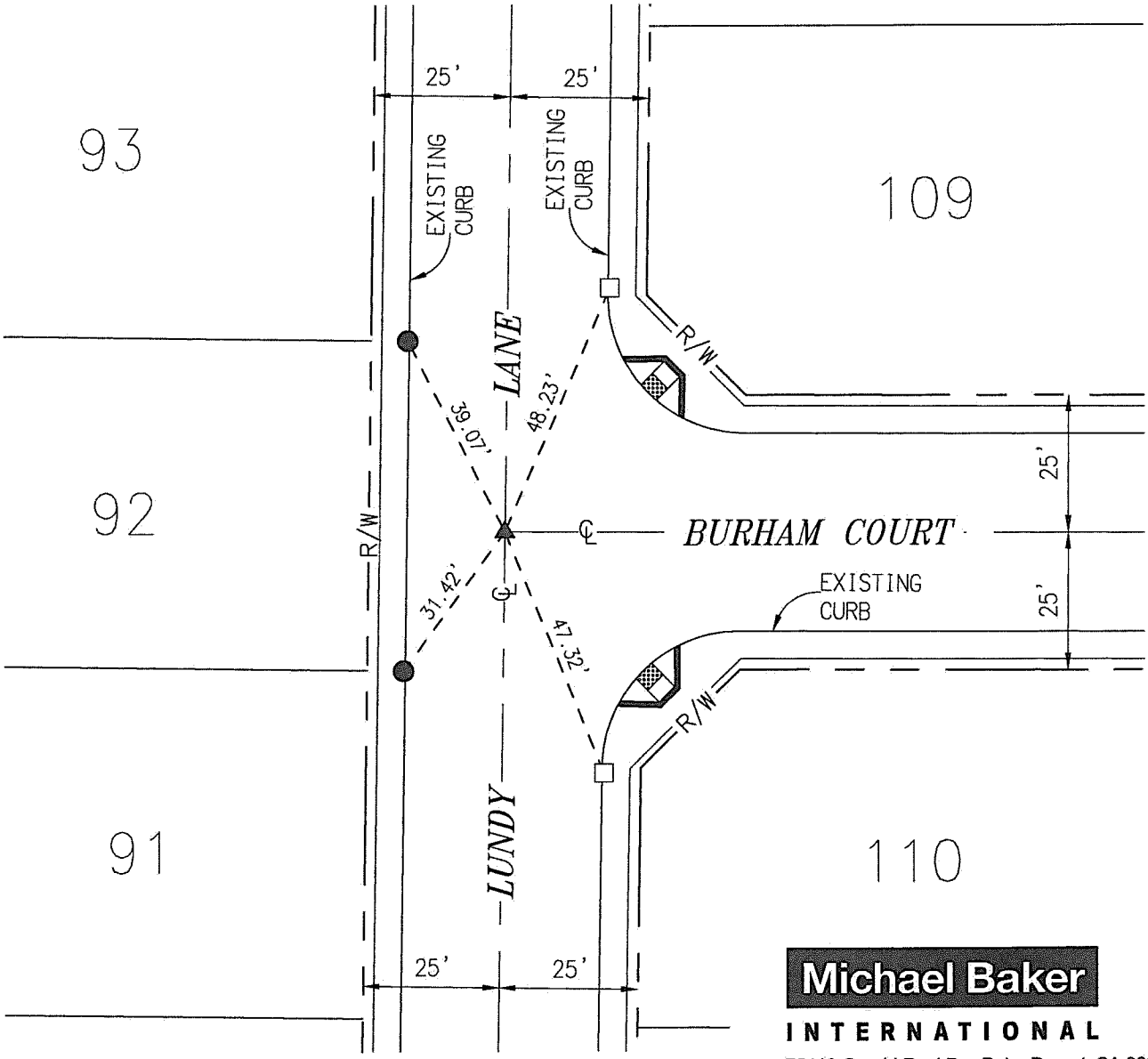

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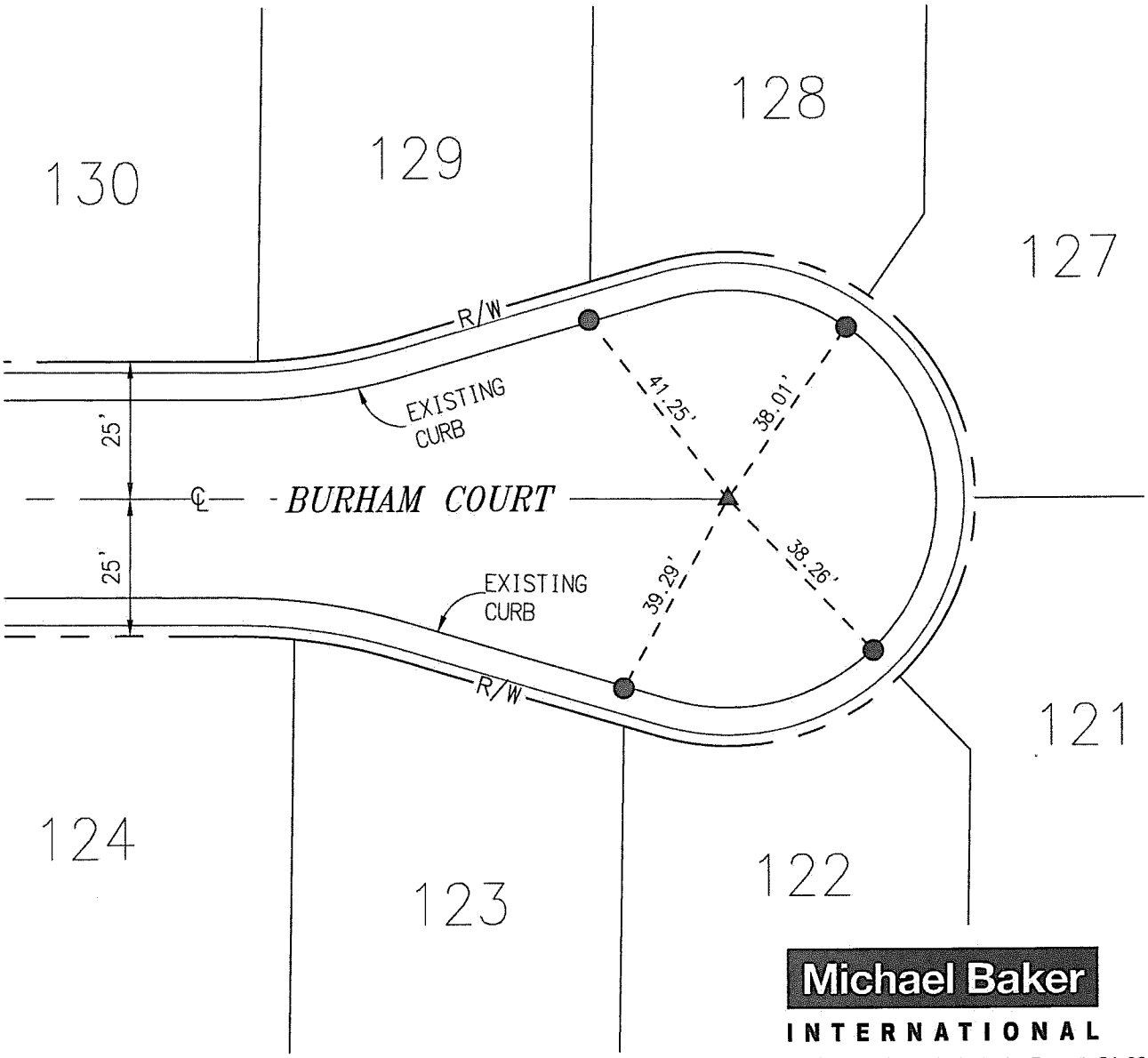

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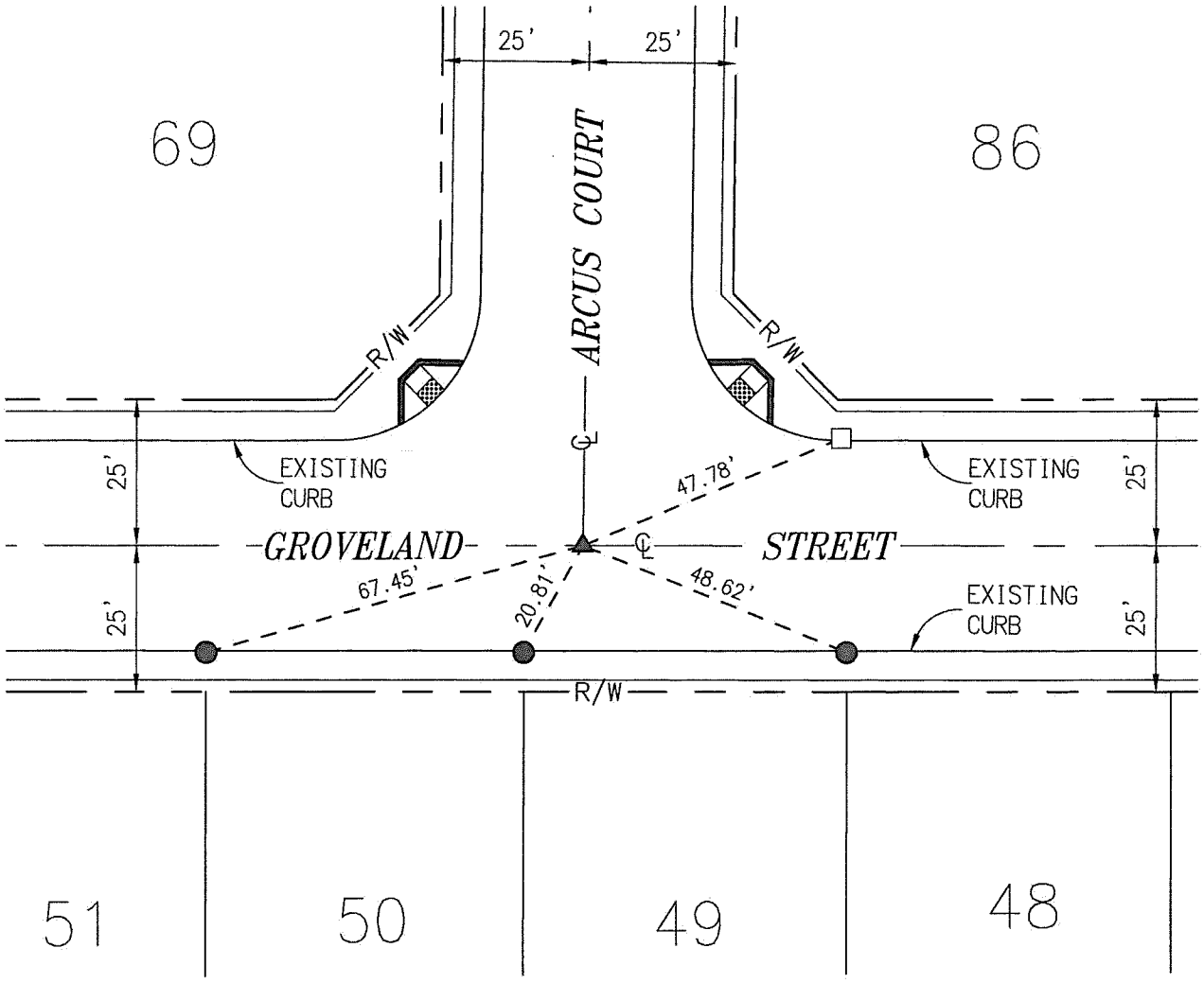

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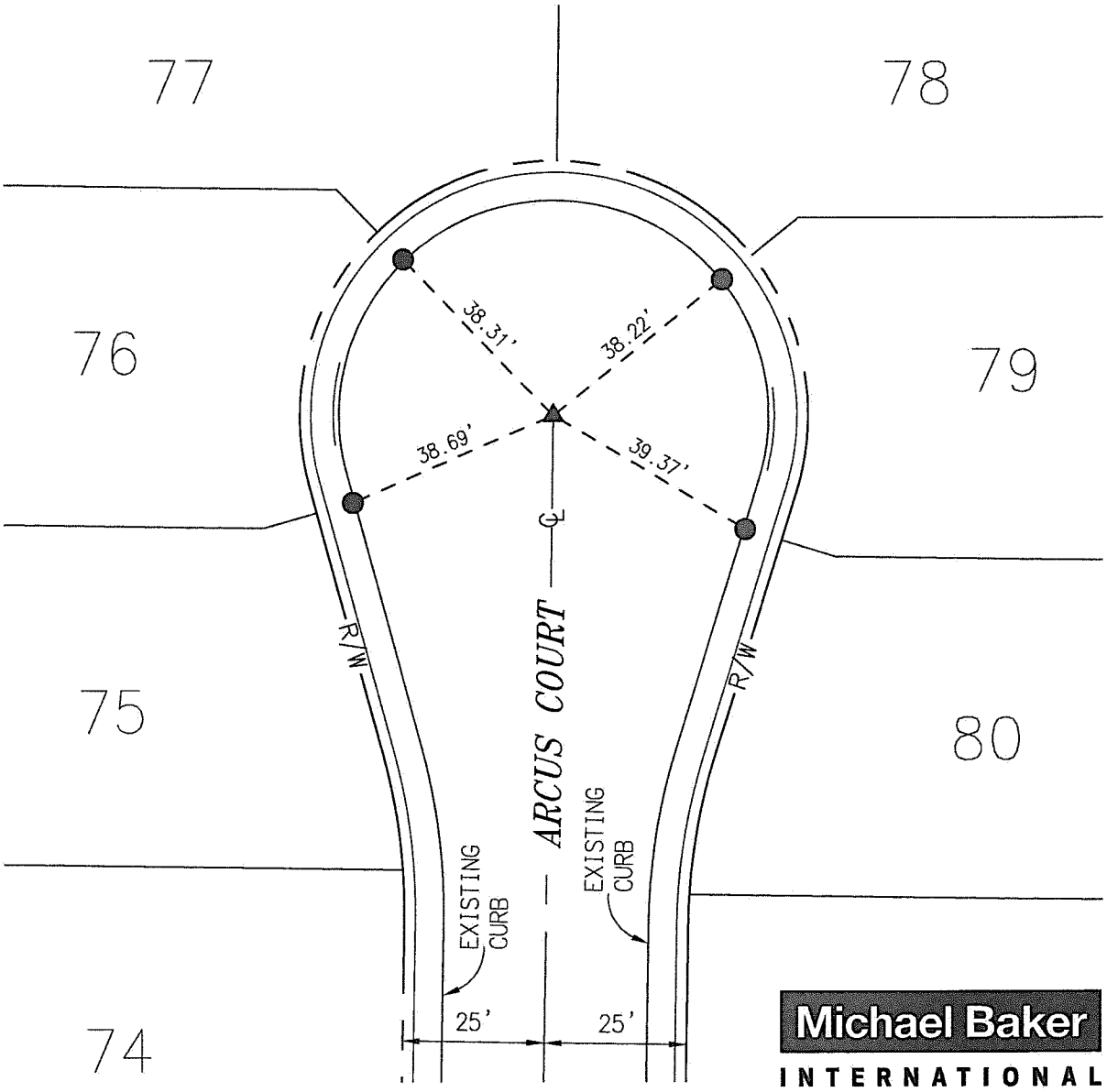

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L.S. NO. 8508 DATE: 02/26/2021	**MONUMENT TIE SHEET** TRACT NO. 37428 M.B. 466/27–34	SCALE: 1"=30'
	ENGINEERING DEPARTMENT — CITY OF BEAUMONT	JOB NO. 166048

2019-0049395
ORIGINAL

466

Item 4.

THIS SUBDIVISION CONTAINS:
139 NUMBERED LOTS
7 LETTERED LOTS
146 LOTS TOTAL
35.52 ACRES GROSS

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 37428

BEING A SUBDIVISION OF LOTS 1 THROUGH 97, INCLUSIVE, AND 100; AND LOTS "C" THROUGH "I", INCLUSIVE; OF TRACT MAP NO. 31469-5 AS FILED IN BOOK 454, PAGES 78 THROUGH 88, INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker
INTERNATIONAL

RECORDER'S STATEMENT

FILED THIS 13th DAY OF February 2019 AT 1:10 P.M.
IN BOOK 466 OF MAPS AT PAGES 27-34, AT
THE REQUEST OF THE CITY CLERK, CITY OF BEAUMONT.
NO. 2019-0049395
FEE $ 23.00
PETER ALDANA, ASSESSOR-COUNTY CLERK-RECORDER
BY: _____, DEPUTY
SUBDIVISION GUARANTEE: FIRST AMERICAN TITLE COMPANY

OWNER'S STATEMENT

WE HEREBY STATE THAT WE ARE THE OWNERS OF THE LAND INCLUDED WITHIN THE SUBDIVISION SHOWN HEREON; THAT WE ARE THE ONLY PERSONS WHOSE CONSENT IS NECESSARY TO PASS A CLEAR TITLE TO SAID LAND; THAT WE CONSENT TO THE MAKING AND RECORDING OF THIS SUBDIVISION MAP AS SHOWN WITHIN THE DISTINCTIVE BORDER LINE.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED FOR PUBLIC PURPOSES:
WE HEREBY DEDICATE TO THE CITY OF BEAUMONT IN FEE FOR PUBLIC STREET, PUBLIC UTILITIES AND DRAINAGE PURPOSES, LOT "A" (BOYSEN WAY), LOT "B" (MELSTONE STREET), LOT "C" (TIOGA TRAIL), LOT "D" (GROVELAND STREET), LOT "E" (ARCUS COURT), LOT "F" (LUNDY LANE), AND LOT "G" (BURHAM COURT) AS SHOWN ON THIS TRACT MAP.

WE HEREBY RETAIN FOR OPEN SPACE, LANDSCAPE AND TRAIL PURPOSES AND THE MAINTENANCE THEREOF, LOT 139 FOR THE SOLE BENEFIT OF OURSELVES, OUR SUCCESSORS, ASSIGNEES AND LOT OWNERS WITHIN THIS TRACT MAP.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:
WE HEREBY DEDICATE TO BEAUMONT CHERRY VALLEY WATER DISTRICT, AN EASEMENT OVER LOT 139 FOR THE CONSTRUCTION AND MAINTENANCE OF WATER FACILITIES, AS SHOWN ON THIS TRACT MAP.

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:
THE EASEMENTS DESIGNATED AS "5' PUE" OVER LOTS 1 THROUGH 139, INCLUSIVE. THE DEDICATION IS FOR PUBLIC UTILITY PURPOSES.

PARDEE HOMES, A CALIFORNIA CORPORATION

JEFF CHAMBERS
VICE PRESIDENT

MICHAEL C. TAYLOR
DIVISION PRESIDENT

NOTARY ACKNOWLEDGEMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA)
COUNTY OF RIVERSIDE) SS.
ON SEPTEMBER 12, 2018 BEFORE ME, SONAL SHAH (INSERT NAME), A NOTARY PUBLIC

PERSONALLY APPEARED JEFF CHAMBERS & MICHAEL C. TAYLOR
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER **PENALTY OF PERJURY**, UNDER THE LAWS OF THE STATE OF CALIFORNIA, THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND

SonalShah
SIGNATURE

SONAL SHAH
PRINT NAME

MY COMMISSION EXPIRES 09/30/2021.

MY PRINCIPAL PLACE OF BUSINESS IS RIVERSIDE COUNTY.

ABANDONMENT NOTE

PURSUANT TO SECTIONS 66434(g) OF THE SUBDIVISION MAP ACT, THE APPROVAL AND RECORDATION OF THIS PARCEL MAP CONSTITUTES ABANDONMENT OF THE FOLLOWING:

5' PUBLIC UTILITY EASEMENTS IN FAVOR OF THE CITY OF BEAUMONT AS SHOWN AND DEDICATED ON TRACT NO. 31469-5, PER MAP FILED IN BOOK 454 PAGES 78 THROUGH 88, INCLUSIVE, OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, STATE OF CALIFORNIA, AND NOT SHOWN HEREON.

3' PUBLIC UTILITY EASEMENTS IN FAVOR OF VERIZON CALIFORNIA INC., A CORPORATION, RECORDED DECEMBER 7 2017 AS INSTRUMENT NOS. 2017-0513194 AND 2017-0513195, BOTH O.R.

TAX COLLECTOR'S CERTIFICATE

I HEREBY CERTIFY THAT ACCORDING TO THE RECORDS OF THIS OFFICE, AS OF THIS DATE, THERE ARE NO LIENS AGAINST THE PROPERTY SHOWN ON THE WITHIN MAP FOR UNPAID STATE, COUNTY, MUNICIPAL, OR LOCAL TAXES OR SPECIAL ASSESSMENTS COLLECTED AS TAXES, EXCEPT TAXES OR SPECIAL ASSESSMENTS COLLECTED AS TAXES NOW A LIEN BUT NOT YET PAYABLE, WHICH ARE ESTIMATED TO BE $25,900.00

DATED: February 7, 2019

JON CHRISTENSEN, COUNTY TAX COLLECTOR
BY: _____ DEPUTY

TAX BOND CERTIFICATE

I HEREBY CERTIFY THAT A BOND IN THE SUM OF $25,900.00 HAS BEEN EXECUTED AND FILED WITH THE BOARD OF SUPERVISORS OF THE COUNTY OF RIVERSIDE, CALIFORNIA, CONDITIONED UPON THE PAYMENT OF ALL TAXES, STATE, COUNTY, MUNICIPAL, OR LOCAL, AND ALL SPECIAL ASSESSMENTS COLLECTED AS TAXES WHICH AT THE TIME OF FILING OF THIS MAP WITH THE COUNTY RECORDER ARE A LIEN AGAINST SAID PROPERTY BUT NOT YET PAYABLE AND SAID BOND HAS BEEN DULY APPROVED BY SAID BOARD OF SUPERVISORS.

DATED: February 7, 2019

(CASH) OR SURETY TAX BOND
JON CHRISTENSEN
COUNTY TAX COLLECTOR

BY: _____ DEPUTY

NOTARY ACKNOWLEDGEMENT

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STATE OF _____)
COUNTY OF _____) SS.
ON _____ BEFORE ME, _____ (INSERT NAME), A NOTARY PUBLIC

PERSONALLY APPEARED _____
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER **PENALTY OF PERJURY**, UNDER THE LAWS OF THE STATE OF CALIFORNIA, THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND

_____
SIGNATURE

_____
PRINT NAME

MY COMMISSION EXPIRES _____.

MY PRINCIPAL PLACE OF BUSINESS IS _____ COUNTY.

BEAUMONT CHERRY VALLEY WATER DISTRICT CERTIFICATE OF ACCEPTANCE

THIS IS TO CERTIFY THAT THE INTEREST IN THE WATER FACILITIES EASEMENTS FOR CONSTRUCTION AND MAINTENANCE OF WATER FACILITIES CONVEYED WITH THE OWNERS STATEMENT HEREON, FROM PARDEE HOMES, A CALIFORNIA CORPORATION TO BEAUMONT CHERRY VALLEY WATER DISTRICT, A POLITICAL CORPORATION OR GOVERNMENTAL AGENCY, IS HEREBY ACCEPTED AND CONSENTS TO ITS RECORDATION.

DATED: Oct 31, 2018 BY: _____
BEAUMONT CHERRY VALLEY WATER DISTRICT
ITS: General Manager

SURVEYOR'S STATEMENT

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND IS BASED ON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF PARDEE HOMES, A CALIFORNIA CORPORATION, IN APRIL OF 2015. I HEREBY STATE THAT ALL MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED, OR THAT THEY WILL BE SET WITHIN ONE YEAR FROM ACCEPTANCE OF IMPROVEMENTS BY CITY COUNCIL AND THAT THE MONUMENTS ARE, OR WILL BE, SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP, IF ANY. THE SURVEY IS TRUE AND COMPLETE AS SHOWN.

DATED: SEPTEMBER 7, 2018

CHRISTOPHER LEE ALBERTS, L.S. 8508

PROFESSIONAL LAND SURVEYOR · CHRISTOPHER L. ALBERTS · LS No. 8508 · STATE OF CALIFORNIA

CITY SURVEYOR'S STATEMENT

THIS MAP CONFORMS TO THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES. I HEREBY STATE THAT THIS MAP HAS BEEN EXAMINED BY ME OR UNDER MY SUPERVISION AND FOUND TO BE SUBSTANTIALLY THE SAME AS IT APPEARED ON THE TENTATIVE MAP OF TRACT MAP 37428 AS FILED, AMENDED, AND APPROVED BY THE CITY COUNCIL ON January 2, 2019, THE EXPIRATION DATE BEING _____, AND THAT I AM SATISFIED THIS MAP IS TECHNICALLY CORRECT.

DATED: DEC. 5, 2018

ROBERT OLLERTON, CITY SURVEYOR
L.S. 7731

LICENSED LAND SURVEYOR · ROBERT C. OLLERTON · 7731 · STATE OF CALIFORNIA

BEAUMONT CITY COUNCIL CERTIFICATE

THE CITY OF BEAUMONT, STATE OF CALIFORNIA, BY ITS CITY COUNCIL, HEREBY APPROVES TRACT NO. 37428.

THE DEDICATION OF LOT "A" (BOYSEN WAY), LOT "B" (MELSTONE STREET), LOT "C" (TIOGA TRAIL), LOT "D" (GROVELAND STREET), LOT "E" (ARCUS COURT), LOT "F" (LUNDY LANE), AND LOT "G" (BURHAM COURT) IN FEE FOR PUBLIC STREET, PUBLIC UTILITIES AND DRAINAGE PURPOSES, IS ACCEPTED. THE ACCEPTANCE OF THE OFFERS IS TO VEST TITLE IN THE CITY ON BEHALF OF THE PUBLIC FOR SAID PURPOSES, BUT THAT SAID ROADS SUBJECT TO IMPROVEMENTS SHALL NOT BECOME PART OF THE CITY MAINTAINED ROAD SYSTEM UNTIL ACCEPTED BY THE CITY PURSUANT TO SECTION 941 OF THE STREETS AND HIGHWAYS CODE.

THE EASEMENTS FOR PUBLIC UTILITY PURPOSES SHOWN AS "5' PUE" OVER LOTS 1 THROUGH 139, INCLUSIVE, ARE ACCEPTED, SUBJECT TO IMPROVEMENTS.

DATED: January 16, 2019

_____
CITY CLERK, CITY OF BEAUMONT,
RIVERSIDE COUNTY, CALIFORNIA

SIGNATURE OMISSIONS NOTE

PURSUANT TO SECTION 66436 OF THE SUBDIVISION MAP ACT, THE SIGNATURES OF THE FOLLOWING OWNERS OF EASEMENTS AND/OR OTHER INTERESTS HAVE BEEN OMITTED:

1) SOUTHERN CALIFORNIA INVESTMENT COMPANY, HOLDER OF AN EASEMENT FOR WATER PIPES AND OTHER CONDUITS, RECORDED SEPTEMBER 4, 1893 IN BOOK 4, PAGE 335 OF DEEDS. (CANNOT BE LOCATED FROM THE RECORD DOCUMENT)

2) RIVERSIDE ABSTRACT COMPANY, HOLDER OF AN EASEMENT FOR PIPELINE AND INCIDENTAL PURPOSES, RECORDED APRIL 1, 1913, IN BOOK 371, PAGE 177, OF DEEDS (CANNOT BE LOCATED FROM THE RECORD).

3) VERIZON CALIFORNIA INC., A CORPORATION, HOLDER OF 3' PUBLIC UTILITY EASEMENTS RECORDED DECEMBER 7 2017 AS INSTRUMENT NOS. 2017-0513194 AND 2017-0513195, BOTH O.R.

2019-0049395 ORIGINAL

Item 4.

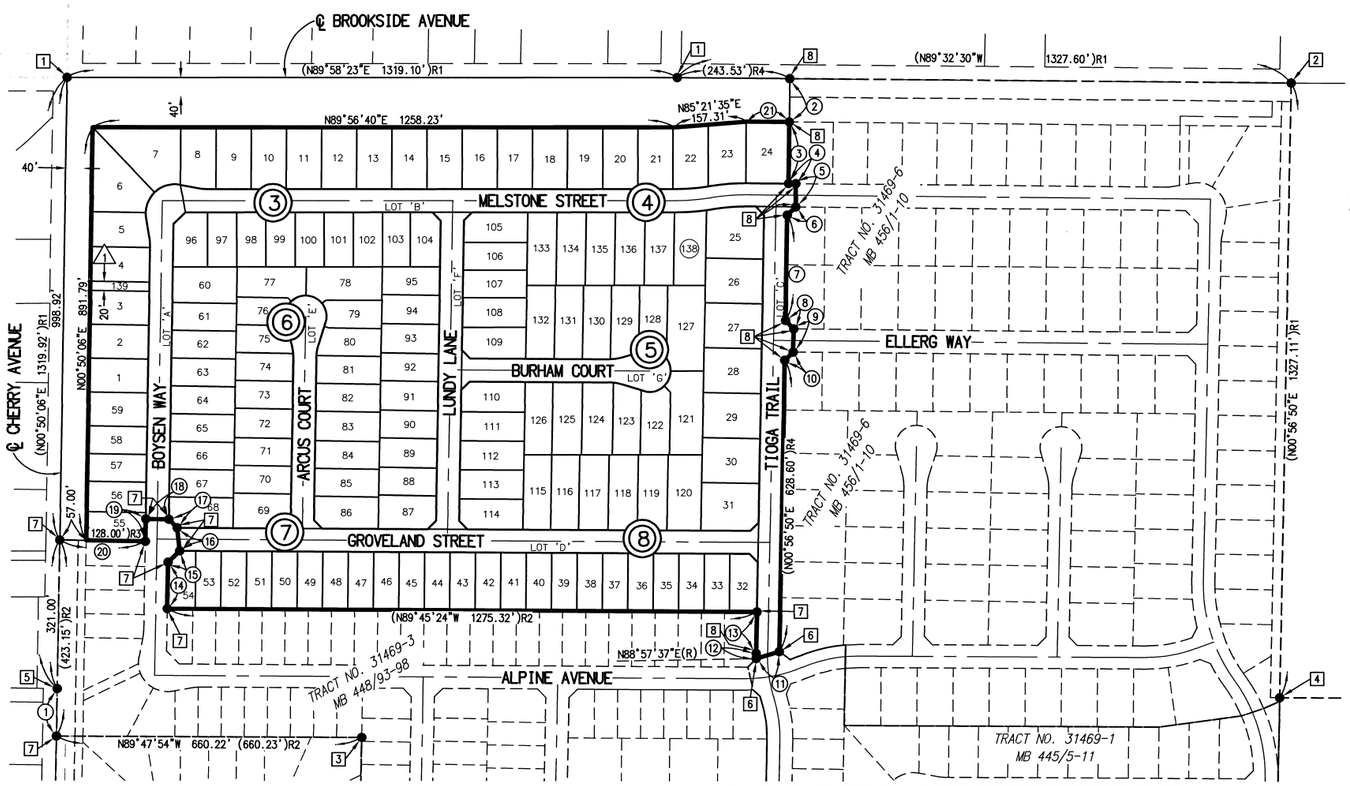
IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 37428

BEING A SUBDIVISION OF LOTS 1 THROUGH 97, INCLUSIVE, AND 100; AND LOTS "C" THROUGH "I", INCLUSIVE; OF TRACT MAP NO. 31469-5 AS FILED IN BOOK 454, PAGES 78 THROUGH 88, INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

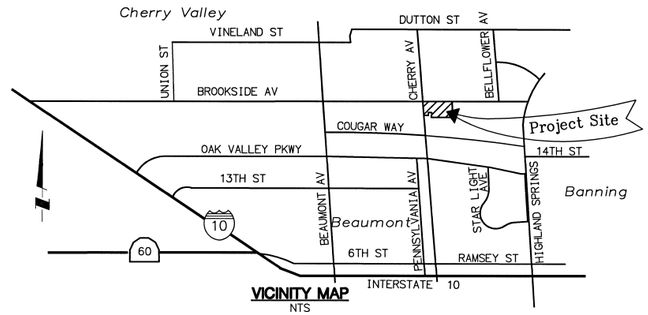
Michael Baker
INTERNATIONAL

200 100 0 200 400 600
SCALE: 1"=200'



BOUNDARY CONTROL AND SHEET INDEX MAP

(3) INDICATES SHEET NUMBER



VICINITY MAP
NTS

BASIS OF BEARINGS NOTE:

THE BEARING OF N00°50'06"E ALONG THE CENTERLINE OF CHERRY AVENUE AS SHOWN ON TRACT MAP NO. 35575, M.B. 427/71-76; RECORDS OF RIVERSIDE COUNTY, WAS USED AS THE BASIS OF BEARINGS FOR THIS MAP.

SURVEYOR'S NOTES:

1. ( )R1 - DENOTES RECORD DATA PER TRACT NO. 35575, FILED IN MAP BOOK 427, PAGES 71 THROUGH 76, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
2. ( )R2 - DENOTES RECORD DATA PER TRACT NO. 31469-3, FILED IN MAP BOOK 448, PAGES 93 THROUGH 98, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
3. ( )R3 - DENOTES RECORD DATA PER TRACT NO. 31469-1, FILED IN MAP BOOK 445, PAGES 5 THROUGH 11, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
4. ( )R4 - DENOTES RECORD DATA PER TRACT NO. 31469-5, FILED IN MAP BOOK 454, PAGES 78 THROUGH 88, INCLUSIVE, RECORDS OF THE COUNTY OF RIVERSIDE, AND MEASURED, UNLESS OTHERWISE NOTED.
5. ALL MONUMENTS SHOWN AS SET WILL BE SET WITHIN ONE YEAR AFTER THE ACCEPTANCE OF IMPROVEMENTS BY THE CITY COUNCIL.
6. SET 1" IRON PIPE TAGGED "L.S. 8508", FLUSH; OR LEAD, TACK AND TAG "L.S. 8508", FLUSH, IN CONCRETE AT ALL REAR LOT CORNERS, REAR AND SIDE LOT ANGLE POINTS AND ENDS OF CURVE. IN LIEU OF FRONT CORNERS, SET LEAD, TACK AND TAG "L.S. 8508", AT P.L. PROD ON TOP OF CURB AT SIDE LOT LINES PRODUCED.
7. ○ SET 1" IRON PIPE TAGGED "L.S. 8508", FLUSH; OR LEAD, TACK AND TAG "L.S. 8508", FLUSH, IN CONCRETE.
8. △ SET COPPERWELD MONUMENT STAMPED "L.S. 8508"
9. ● DENOTES FOUND MONUMENT AS NOTED AND REFERENCED HEREON:
   - [1] FOUND 1-1/2" BRASS CAP STAMPED "LS 4547, FLUSH, PER TRACT NO. 35575, MB 427/71-76.
   - [2] FOUND PK NAIL, FLUSH, PER TRACT NO. 35575, MB 427/71-76, FITS TIES IN CSFB 498-77.
   - [3] FOUND 1" IRON PIPE & TAG STAMPED "LS 7930, FLUSH, PER TRACT NO. 35575, MB 427/71-76.
   - [4] FOUND 3/4" IRON PIPE W/ TAG "LS 3442", DN. 0.7', PER TRACT NO. 35575, MB 427/71-76.
   - [5] FOUND 1" IRON PIPE W/TAG "RCE 11436", DN. 0.3', PER TRACT NO. 35575, MB 427/71-76.
   - [6] FOUND 1" IRON PIPE W/TAG "8508" PER TRACT NO. 31469-1, M.B. 445/5-11.
   - [7] FOUND 1" IRON PIPE W/TAG "8508" PER TRACT NO. 31469-3, M.B. 448/93-98.
   - [8] FOUND 1" IRON PIPE W/TAG "8508" PER TRACT NO. 31469-5, M.B. 454/78-88.

EASEMENT NOTES:

1. INDICATES AN EASEMENT TO BEAUMONT CHERRY VALLEY WATER DISTRICT FOR DOMESTIC WATER PURPOSES AND THE MAINTENANCE THEREOF, AS SHOWN AND DEDICATED ON TRACT MAP NO. 31469-5, MB 454/78-88 AND RE-DEDICATED HEREON.
2. INDICATES AN EASEMENT IN FAVOR OF THE CITY OF BEAUMONT FOR PUBLIC STREET AND PUBLIC UTILITY PURPOSES PER TRACT NO. 31469-5, MB 454/78-88 AND RE-DEDICATED HEREON.
3. INDICATES 5' EASEMENT IN FAVOR OF THE CITY OF BEAUMONT FOR PUBLIC UTILITY PURPOSES AND THE MAINTENANCE THEREOF, DEDICATED HEREON.
4. AN EASEMENT IN FAVOR OF VERIZON CALIFORNIA INC., A CORPORATION, RECORDED DECEMBER 7, 2017 AS INSTRUMENT NO. 2017-0513194, O.R., ABANDONED AND NOT SHOWN HEREON.
5. AN EASEMENT IN FAVOR OF VERIZON CALIFORNIA INC., A CORPORATION, RECORDED DECEMBER 7, 2017 AS INSTRUMENT NO. 2017-0513195, O.R., ABANDONED AND NOT SHOWN HEREON.
6. 5' PUBLIC UTILITY EASEMENTS IN FAVOR OF THE CITY OF BEAUMONT AS SHOWN AND DEDICATED ON TRACT MAP NO. 31469-5, MB 454/78-88, ABANDONED AND NOT SHOWN HEREON.
7. SOUTHERN CALIFORNIA INVESTMENT COMPANY, HOLDER OF AN EASEMENT FOR WATER PIPES AND OTHER CONDUITS, RECORDED SEPTEMBER 4, 1893 IN BOOK 4, PAGE 335 OF DEEDS (CANNOT BE LOCATED FROM THE RECORD).
8. RIVERSIDE ABSTRACT COMPANY, HOLDER OF AN EASEMENT FOR PIPELINE AND INCIDENTAL PURPOSES, RECORDED APRIL 1, 1913, IN BOOK 371, PAGE 177, OF DEEDS (CANNOT BE LOCATED FROM THE RECORD).

LINE/CURVE DATA TABLE				LINE/CURVE DATA TABLE			
(NO)	BEARING/DELTA	RADIUS	LENGTH	(NO)	BEARING/DELTA	RADIUS	LENGTH
1	(N00°50'06"E	--	102.15')R4	12	(01°59'13"	325.00'	11.27')R2
2	(N00°29'10"E	--	93.45')R4	13	(N00°56'50"E	--	89.33')R2
3	(N00°29'10"E	--	133.00')R4	14	(N00°50'06"E	--	100.26')R2
4	(N89°30'50"W	--	15.67')R4	15	(N45°32'21"E	--	35.17')R2
5	(N00°29'10"E	--	50.00')R4	16	(N06°38'41"W	--	50.36')R2
6	(N45°43'00"E	--	25.35')R4	17	(N44°27'39"W	--	25.59')R2
7	(N00°56'50"E	--	228.01')R4	18	(N89°09'54"W	--	50.00')R2
8	(N44°17'00"W	--	25.56')R4	19	(N00°50'06"E	--	48.41')R2
9	(N01°16'45"E	--	50.00')R4	20	(N89°09'54"W	--	185.00')R2
10	(N45°43'00"E	--	25.35')R4	21	N89°30'50"W	--	91.37'
11	(N73°23'50"E	--	52.24')R3				

2019-0049395
ORIGINAL
466/29

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 37428

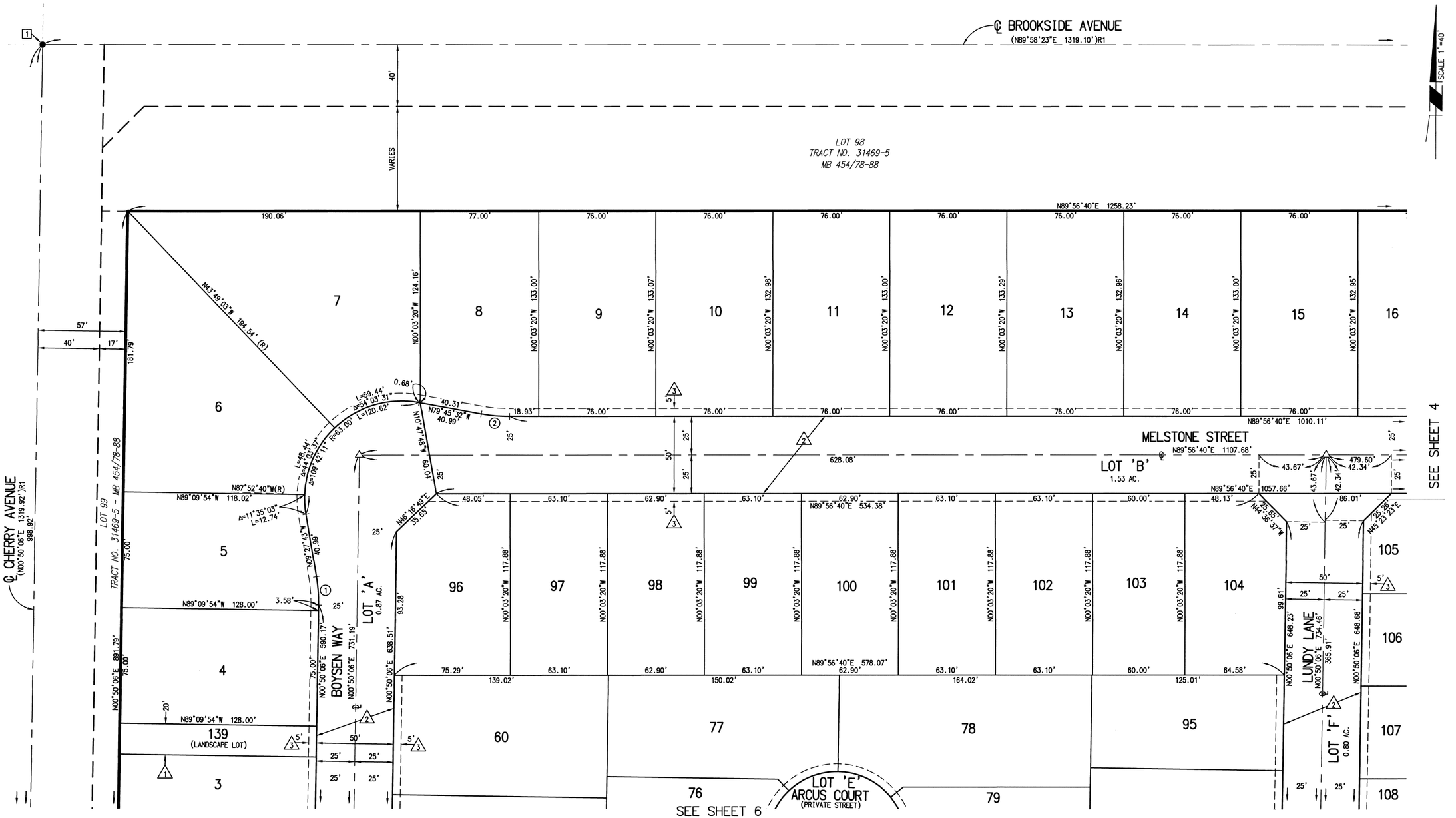
BEING A SUBDIVISION OF LOTS 1 THROUGH 97, INCLUSIVE, AND 100; AND LOTS "C" THROUGH "I", INCLUSIVE; OF TRACT MAP NO. 31469-5 AS FILED IN BOOK 454, PAGES 78 THROUGH 88, INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker
INTERNATIONAL

40 20 0 40 80 120
SCALE: 1"=40'

NOTE:
SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

LINE/CURVE DATA TABLE			
(NO)	BEARING/DELTA	RADIUS	LENGTH
1	10°17'49"	103.00'	18.51'
2	10°17'48"	103.00'	18.51'



IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

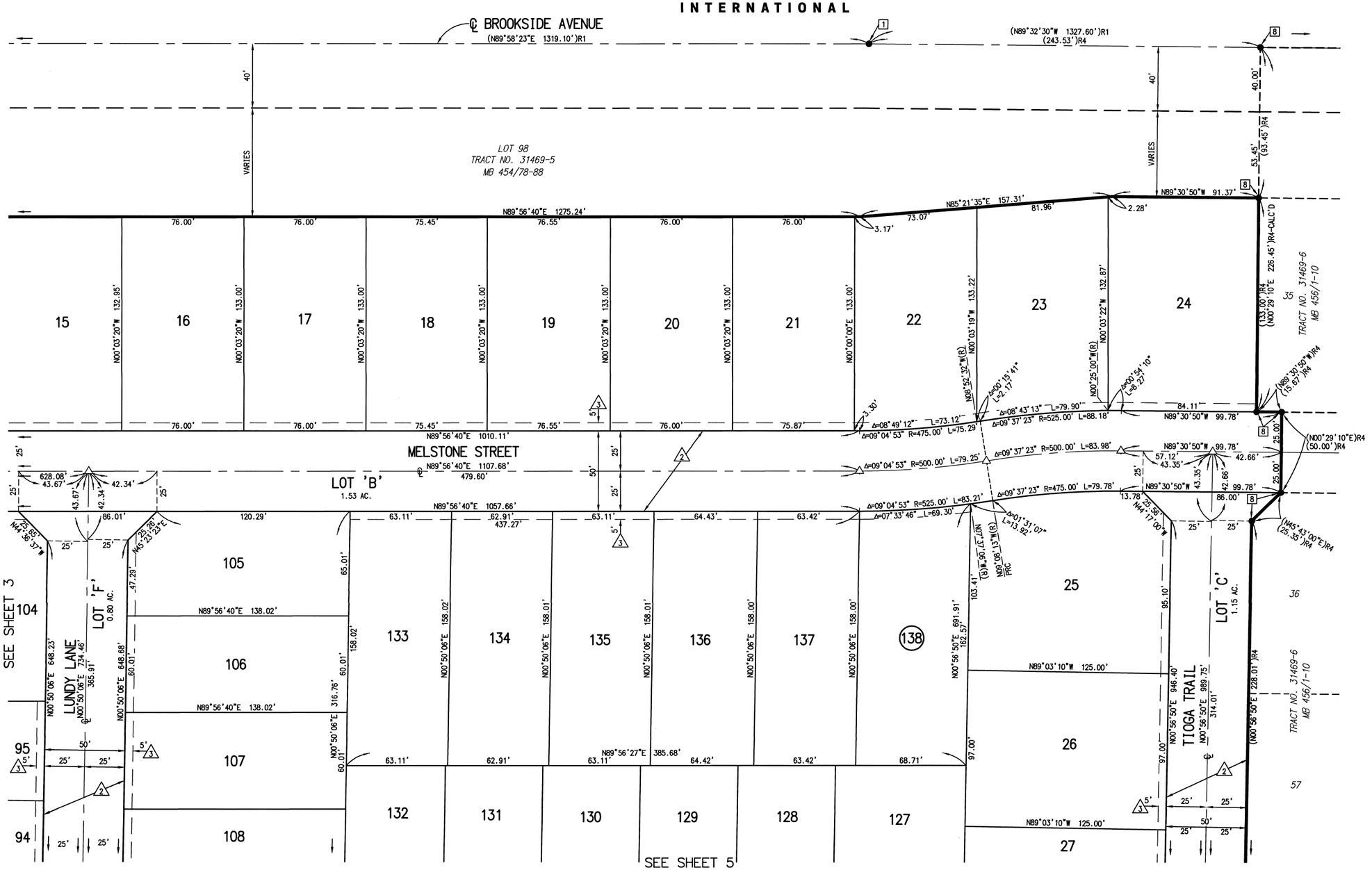
TRACT NO. 37428

BEING A SUBDIVISION OF LOTS 1 THROUGH 97, INCLUSIVE, AND 100; AND LOTS "C" THROUGH "I", INCLUSIVE; OF TRACT MAP NO. 31469-5 AS FILED IN BOOK 454, PAGES 78 THROUGH 88, INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

40 20 0 40 80 120
SCALE: 1"=40'

NOTE:
SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

Michael Baker
INTERNATIONAL



IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

SHEET 5 OF 8 SHEETS

TRACT NO. 37428

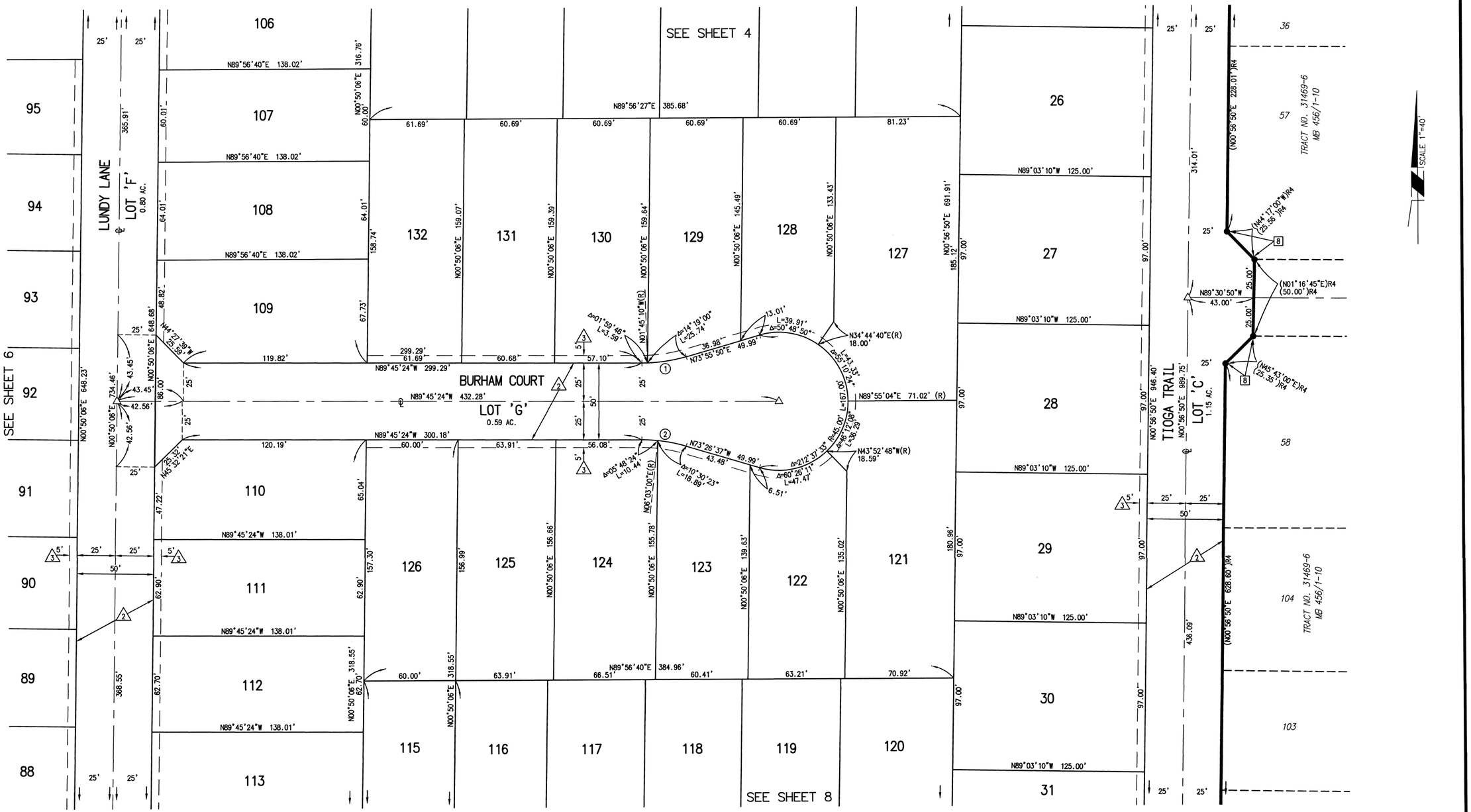
BEING A SUBDIVISION OF LOTS 1 THROUGH 97, INCLUSIVE, AND 100; AND LOTS "C" THROUGH "I", INCLUSIVE; OF TRACT MAP NO. 31469-5 AS FILED IN BOOK 454, PAGES 78 THROUGH 88, INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker
INTERNATIONAL

40 20 0 40 80 120
SCALE: 1"=40'

NOTE:
SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

LINE/CURVE DATA TABLE			
NO	BEARING/DELTA	RADIUS	LENGTH
1	16°18'46"	103.00'	29.33'
2	16°18'47"	103.00'	29.33'



2019-0049395
ORIGINAL
466/32
Item 4.

IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TRACT NO. 37428

BEING A SUBDIVISION OF LOTS 1 THROUGH 97, INCLUSIVE, AND 100; AND LOTS "C" THROUGH "I", INCLUSIVE; OF TRACT MAP NO. 31469-5 AS FILED IN BOOK 454, PAGES 78 THROUGH 88, INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker
INTERNATIONAL

40 20 0 40 80 120
SCALE: 1"=40'

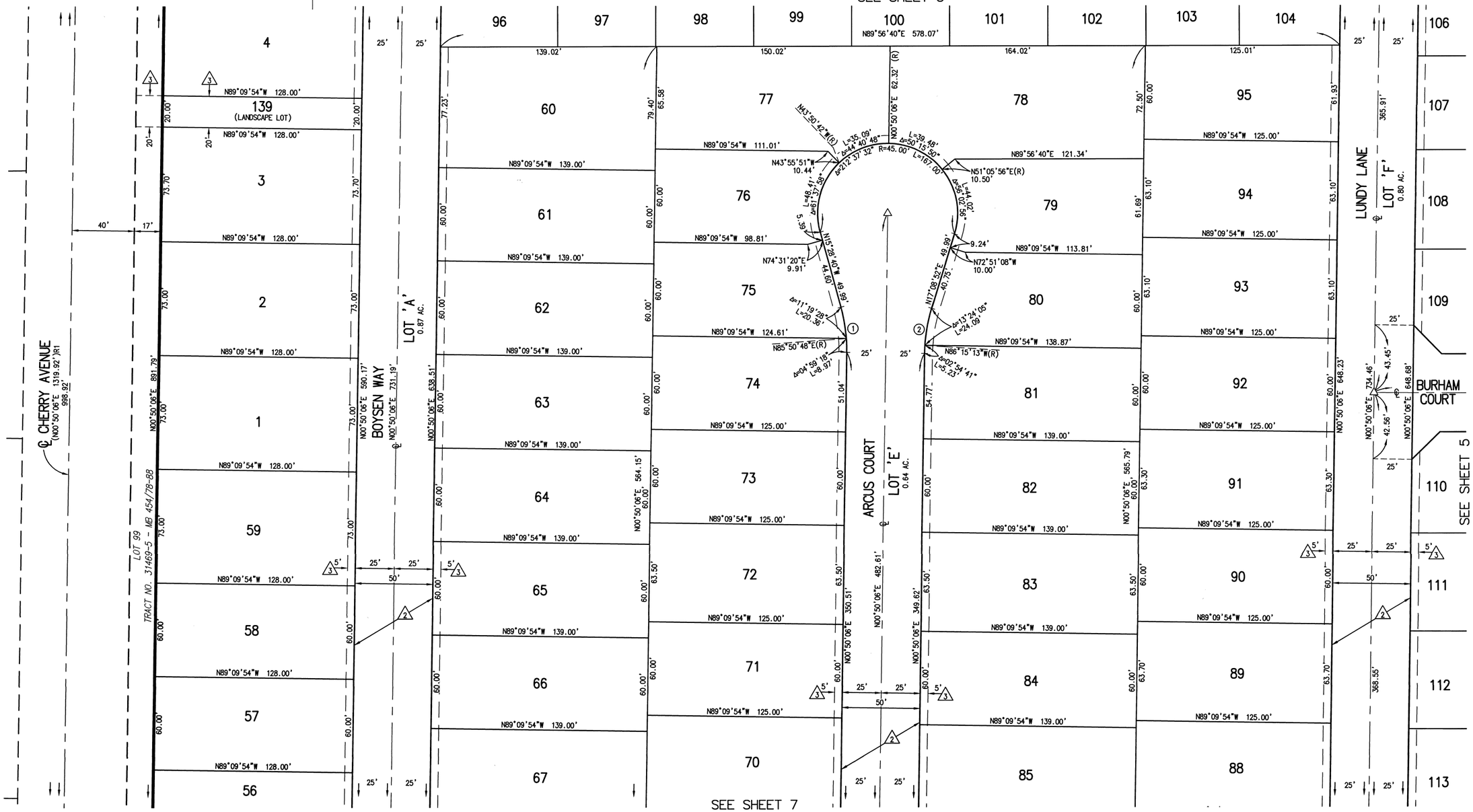
SCALE 1"=40'

NOTE:

SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

LINE/CURVE DATA TABLE			
(NO)	BEARING/DELTA	RADIUS	LENGTH
1	16°18'46"	103.00'	29.33'
2	16°18'46"	103.00'	29.33'

SEE SHEET 3



IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

SHEET 7 OF 8 SHEETS

TRACT NO. 37428

BEING A SUBDIVISION OF LOTS 1 THROUGH 97, INCLUSIVE, AND 100; AND LOTS "C" THROUGH "I", INCLUSIVE; OF TRACT MAP NO. 31469-5 AS FILED IN BOOK 454, PAGES 78 THROUGH 88, INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

Michael Baker INTERNATIONAL

40 20 0 40 80 120

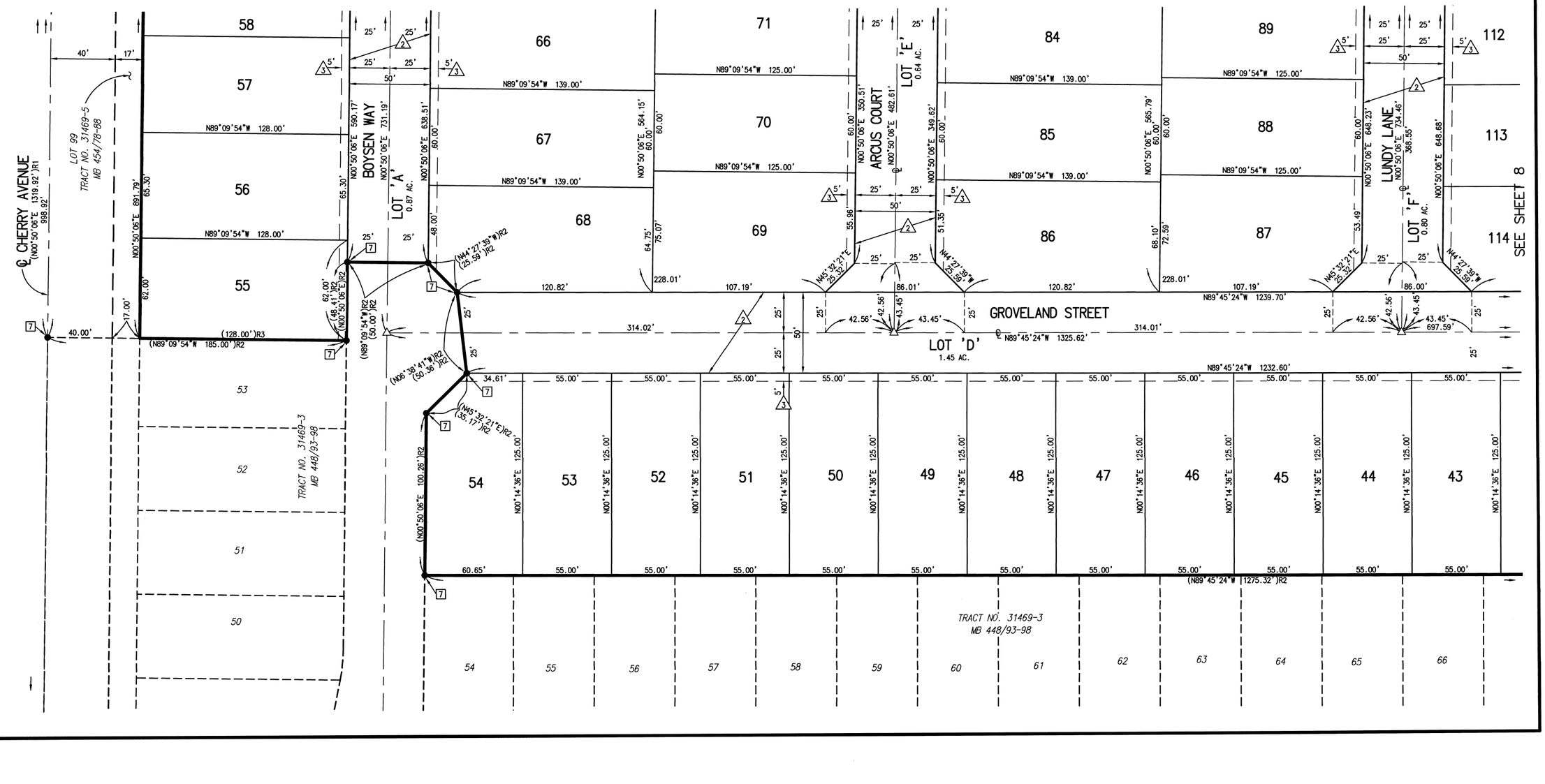
SCALE: 1"=40'

SCALE 1"=40'

NOTE:

SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

SEE SHEET 6



IN THE CITY OF BEAUMONT, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

SHEET 8 OF 8 SHEETS

TRACT NO. 37428

BEING A SUBDIVISION OF LOTS 1 THROUGH 97, INCLUSIVE, AND 100; AND LOTS "C" THROUGH "I", INCLUSIVE; OF TRACT MAP NO. 31469-5 AS FILED IN BOOK 454, PAGES 78 THROUGH 88, INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, CALIFORNIA, BEING LOCATED IN SECTION 35, T. 2 S., R. 1 W., S.B.M.

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SCALE: 1"=40'

NOTE:
SEE SHEET 2 FOR BOUNDARY CONTROL, SHEET INDEX MAP, SURVEYOR NOTES, MONUMENT NOTES, EASEMENT NOTES, VICINITY MAP AND BASIS OF BEARINGS.

Michael Baker
INTERNATIONAL

LINE/CURVE DATA TABLE			
(NO)	BEARING/DELTA	RADIUS	LENGTH
1	01°59'13"	325.00'	11.27'
2	00°39'10"	300.00'	3.42'

Staff Report

TO: City Council

FROM: Christina Taylor, Community Development Director

DATE August 17, 2021

SUBJECT: **Second Amendment to the Professional Services Agreement with Lisa Wise Consulting for the Housing Element Update to Address Newly Released Guidelines for Affirmatively Furthering Fair Housing (AFFH) components of Housing Elements**

Background and Analysis:

On October 20, 2021, City Council awarded a contract and executed a professional services agreement with Lisa Wise Consulting for the City's Housing Element Update. This project is included in the City's Capital Improvement program and is fully funded by SB2 grant funding in the amount of $160,000 and LEAP grant funding in the amount of $150,000. At the time of the contract award, staff eliminated some of the optional items in the original proposal in an effort to ensure enough funding was retained to accommodate any changes that may occur as a result of legislative mandates, new legislation or City policy.

The current Housing Element Update includes all of the required components to address the City's Regional Housing Needs Assessment (RHNA) as well as an Accessory Dwelling Unit (ADU) Ordinance, required zoning code amendments, Hazard Mitigation Plan and Safety Element update and CEQA. The first amendment to the Housing Element contract in May 2021 included the addition of standard ADU plans and objective design criteria.

In late June, the State of California Housing and Community Development Department (HCD) released new guidelines for analysis of Affirmatively Furthering Fair Housing (AFFH) as a requirement for certification of housing element in the Sixth Cycle. Before the HCD guidelines were released, it was expected programs and activities to support fair housing would need to be specified as part of the policy and program recommendations, along with some considerations related to housing sites selection. HCD is now requiring the inclusion of a separate, extensive appendix in the Housing

Element with specified spatial and quantitative analysis of the conditions of protected classes. This is a new requirement for certification.

The cost to complete the AFFH component of the Housing Element Update is $11,880.00. City staff anticipated this increase and funds had been set aside to accommodate this need. The total revised contract amount is $287,345 and a breakdown of the contract and amendments are shown in the chart below.

Housing Element Update		
Original Contract		**$209,995**
Amendment 1 5/18/2021	Add ADU Standard Plans and Objective Design Standards	$65,470
Amendment 2 8/17/2021	Addressing AFFH	$11,880
Revised Contract Amount		**$287,345**

The City of Beaumont Planning Department received $310,000 in grant funding to complete the Housing Element Update. After this contract amendment, there is $22,655 in grant funding remaining.

Fiscal Impact:

Cost to prepare this staff report and changes to the contract are covered by SB2 grant funding in the amount of $160,000 and LEAP grant funding in the amount of $150,000 for a total of $310,000.

Recommended Action:

Approve the Second Amendment to the Professional Services Agreement with Lisa Wise Consulting for an increase of $11,880 to complete the AFFH component of the Housing Element Update for a total revised contract amount of $287,345 to be paid entirely through grant funding.

Attachments:

A. Revised Scope of Work and Cost Proposal
B. Amended Professional Service Agreement

MEMO

To: Christina Taylor, City of Beaumont

From: LWC

Date: 7/16/21

Subject: Housing Element Update Change Order Request – Affirmatively Furthering Fair Housing (AFFH)

As we discussed on our June 28, 2021 call, the California Department of Housing and Community Development (HCD) issued new guidelines for the suitable analyses for affirmatively furthering fair housing (AFFH) as a requirement for certification of Housing Elements in the 6th Cycle. These new requirements are significantly more detailed and extensive than had been anticipated prior to the issuance of this guidance.

Before these HCD guidelines were issued, it was expected that programs and activities to support fair housing would need to be specified as part of the policy and program recommendations, along with some considerations related to housing sites selection. HCD is now requiring the inclusion of a separate, extensive appendix in the Housing Element with specified spatial and quantitative analysis of the conditions of protected classes. This will be a new requirement for certification.

WRCOG has offered the City assistance with the AFFH analysis and has produced some maps for the AFFH appendix. LWC has reviewed the AFFH maps that WRCOG provided for the City via Houseal Lavigne. While these maps are extremely helpful, LWC will still need to prepare an analysis of the data, document findings, and develop programs to meet the HCD guidelines.

In order to complete this task, LWC is requesting the following augmentation to our existing scope and budget:

1) $11,880 to cover 72 LWC staff hours at an average rate of $165/hour to cover the cost of production of an AFFH appendix for the City of Beaumont.

Please let us know if you have any questions regarding this change order request.

.

SECOND AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT BETWEEN CITY OF BEAUMONT AND LISA WISE CONSULTING, INC., FOR PROFESSIONAL PLANNING SERVICES FOR THE CITY OF BEAUMONT HOUSING ELEMENT UPDATE

THIS SECOND AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES BY INDEPENDENT CONTRACTOR is made and effective as of the 17th day of AUGUST, 2021, by and between the CITY OF BEAUMONT, a general law city, ("CITY") whose address is 550 E. 6th Street, Beaumont, California 92223 and LISA WISE CONSULTING, INCORPORATED, a California corporation whose address is 983 Osos Street, San Luis Obispo, CA 93401 ("CONTRACTOR") in consideration of the mutual promises and purpose contained herein, the parties agree as follow:

1. RECITALS

This Second Amendment is made with respect to the following facts and purpose that the parties agree are true and correct:

A. On October 20th, 2020, the City and LISA WISE CONSULTING, INCORPORATED, entered into that certain agreement entitled "Agreement for Professional Services by Independent Contractor" for PROFESSIONAL PLANNING SERVICES FOR THE CITY OF BEAUMONT GENERAL PLAN UPDATE ("Agreement").

B. City requested amendment one for a change in scope to the work under the Agreement regarding the addition of objective design standards and standard accessory dwelling unit plans, a copy of which is attached hereto as Exhibit "A" and incorporated herein by this reference.

C. City has requested a further change in scope to the work under the Agreement regarding the addition of an Affirmatively Furthering Fair Housing (AFFH) component of the Housing Element Update to meet the State of California requirements for a certified Housing Element, a copy of which is attached hereto as Exhibit "B" and incorporated herein by this reference.

2. AMENDMENT

Section 2 of the Agreement is hereby amended to add to the Services those services identified in the Proposal attached hereto as Exhibit "B".

Section 4.01 of the Agreement is hereby amended to increase the maximum compensation under the Agreement as follows: Under the original Agreement, compensation was set at Two Hundred Nine Thousand Nine Hundred Ninety Five Dollars ($209,995). Per the First Amendment, compensation of Two Hundred Nine Thousand Nine Hundred Ninety Five Dollars ($209,995) was increased by the maximum amount of Sixty Five Thousand Four Hundred Seventy Dollars ($65,470) as provided in the Proposal attached hereto as Exhibit "A" resulting in total compensation under the Agreement not to exceed Two Hundred Seventy Five Thousand Four

Hundred Sixty Five Dollars ($275,465).

Per the Second Amendment, compensation is increased by the maximum amount of Eleven thousand Eight Hundred Eighty Dollars ($11,880) as provided in the Proposal attached hereto as Exhibit "B" resulting in total compensation under the Agreement not to exceed Two Hundred Eighty-Seven Thousand Three Hundred Forty-Five Dollars ($275,345).

The recitals to this Amendment are deemed incorporated herein by this reference. All other terms of the Agreement not expressly amended by this Amendment shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereby have made and executed this First Amendment to Professional Services Agreement to be effective as of the day and year first above-written.

CITY:

CITY OF BEAUMONT

By: _____

Mike Lara, Mayor

ATTEST

_____

City Clerk

APPROVED AS TO FORM

_____

John Pinkney, City Attorney

CONTRACTOR:

_____

By: _____

Print Name: _____

Title: _____

EXHIBIT "A"

PROPOSAL DATED MARCH 19th, 2020

EXHIBIT “B”

PROPOSAL DATED JULY 16, 2021

Staff Report

TO: City Council

FROM: Jennifer Ustation, Finance Director

DATE August 17, 2021

SUBJECT: **FY2022 General Fund and Wastewater Fund Budget to Actual through July 2021 and FY2021 Fourth Quarter Pooled Cash Investment Report**

Background and Analysis:

City staff has updated the financial analysis of the General Fund and Wastewater Fund for FY2022 with results through July 2022. This represents one month of activity. The FY2021 accrual process will take place through August. This is reflected on the July and August reports which are included in the attachments to the analysis. City staff has also included a Pooled Cash Investment Report for the FY2021 fourth quarter.

Fiscal Impact:

City staff estimates the costs to prepare this staff report to be $350.

Recommended Action:

Receive and file the attached reports.

Attachments:

A. FY2022 General Fund Budget to Actual Report – through July 2021
B. FY2022 Wastewater Fund Budget to Actual Report – through July 2021
C. FY2021 4th Quarter Pooled Cash Investments Report

City of Beaumont, CA

Budget Comparison Report
General Fund Budget to Actual through July 2021

SubCategory	2019-2020 YTD Activity Through Per	2020-2021 YTD Activity Through Per	2021-2022 YTD Activity Through Per	Parent Budget 2021-2022 V3	FY2022 Estimate	Notes
Category: 40 - TAXES						
400 - Real Property Taxes	(196,603.21)	(116,491.06)	195,929.85	6,516,588.00	6,516,588.00	
403 - Personal Property Taxes	-	-	-	277,822.00	277,822.00	
409 - Sales Taxes	(427,713.14)	(1,352,550.97)	821,802.92	6,926,638.00	6,926,638.00	
420 - Other Taxes	(496.31)	(34,896.32)	220,332.32	8,462,873.00	8,462,873.00	
Total Category: 40 - TAXES:	**(624,812.66)**	**(1,503,938.35)**	**1,238,065.09**	**22,183,921.00**	**22,183,921.00**	The YTD numbers are not a good reflection of current FY as Finance is still in the process ofaccruing receipts for FY21
Category: 41 - LICENSES						
430 - Business Licenses	84,329.61	88,527.06	24,473.93	405,000.00	405,000.00	
Total Category: 41 - LICENSES:	**84,329.61**	**88,527.06**	**24,473.93**	**405,000.00**	**405,000.00**	
Category: 42 - PERMITS						
450 - Building Permits	112,360.90	114,862.34	296,636.63	2,857,250.00	2,857,250.00	Building permits overall are higher than they normally are for July
453 - Inspections	10,500.00	22,275.13	-	376,200.00	376,200.00	
456 - Other Permits	28,809.54	29,048.10	35,582.14	746,575.00	746,575.00	
515 - Public Works	-	-	-	-		
Total Category: 42 - PERMITS:	**151,670.44**	**166,185.57**	**332,218.77**	**3,980,025.00**	**3,980,025.00**	
Category: 43 - FRANCHISE FEES						
406 - Franchise Fees	5,448,294.80	403,945.00	555,485.11	3,111,474.00	3,111,474.00	
Total Category: 43 - FRANCHISE FEES:	**5,448,294.80**	**403,945.00**	**555,485.11**	**3,111,474.00**	**3,111,474.00**	
Category: 45 - INTERGOVERNMENTAL						
465 - State	-	-	-	-		
470 - Local	-	-	-	-		
tal Category: 45 - INTERGOVERNMENTAL:	**-**	**-**	**-**	**-**		

Category: 47 - CHARGES FOR SERVICE						
500 - Sanitation	(10,461.95)	-	2,414.52	-	-	
505 - Animal Control	2,588.91	(6,037.70)	15,147.68	111,564.00	111,564.00	Invoice in this line that will be accrued $10,000
510 - Community Development	560.00	430.00	410.00	6,135.00	6,135.00	
515 - Public Works	558.00	1,395.00	-	15,500.00	15,500.00	
525 - Abatements	(9,213.00)	(12,024.00)	1,847.70	67,399.00	67,399.00	
530 - Public Safety	3,242.00	(27,159.22)	18,527.14	450,496.00	450,496.00	invoice in here to accrue $15,000
535 - Facilities	13,681.79	6,016.82	7,721.86	131,020.00	131,020.00	
540 - Programs	20,453.00	-	959.00	18,750.00	18,750.00	
545 - Other	4,639.96	445.75	2,103.08	280,050.00	280,050.00	
tal Category: 47 - CHARGES FOR SERVICE:	**26,048.71**	**(36,933.35)**	**49,130.98**	**1,080,914.00**	**1,080,914.00**	
Category: 50 - FINES AND FORFEITURES						
555 - Vehicle	(3,195.80)	(1,065.65)	20,768.95	76,608.00	76,608.00	
557 - Other	(207.45)	3,303.33	187.60	52,195.00	52,195.00	
l Category: 50 - FINES AND FORFEITURES:	**(3,403.25)**	**2,237.68**	**20,956.55**	**128,803.00**	**128,803.00**	
Category: 53 - COST RECOVERY						
465 - State	-	-	-	20,000.00	20,000.00	
565 - Other Income	15,573.01	57,731.10	13,599.68	432,500.00	432,500.00	
Total Category: 53 - COST RECOVERY:	**15,573.01**	**57,731.10**	**13,599.68**	**452,500.00**	**452,500.00**	
Category: 54 - MISCELLANEOUS REVENUE						
560 - Investment Earnings	123.52	124.45	(60,748.84)	275,000.00	275,000.00	Receipt for Interest was accrued but not yet posted at time of running this report
565 - Other Income	1,499.38	9,717.84	4,000.21	34,000.00	34,000.00	
ategory: 54 - MISCELLANEOUS REVENUES:	**1,622.90**	**9,842.29**	**(56,748.63)**	**309,000.00**	**309,000.00**	
Category: 58 - OTHER FINANCING SOURCE						
595 - Sale of Assets	-	-	-	-	-	
599 - Other	(8.34)	-	0.06	-	-	
tegory: 58 - OTHER FINANCING SOURCES:	**(8.34)**	**-**	**0.06**	**-**	**-**	
Category: 90 - TRANSFERS						
900 - Transfers	-	-	-	7,801,175.00	7,801,175.00	Transfers are quarterly
Total Category: 90 - TRANSFERS:	**-**	**-**	**-**	**7,801,175.00**	**7,801,175.00**	
Total Revenue:	**5,099,315.22**	**(812,403.00)**	**2,177,181.54**	**39,452,812.00**	**39,452,812.00**	

Category: 60 - PERSONNEL SERVICES

600 - SALARIES AND WAGES	395,362.51	749,239.97	293,564.09	14,713,709.00	14,713,709.00	1 of 26 pay periods repo
610 - BENEFITS	1,478,172.42	1,525,123.38	1,431,891.55	6,545,052.00	6,545,052.00	
615 - OTHER	34,002.01	35,084.85	8,689.72	299,931.00	299,931.00	
699 - OTHER	4,070.86	2,965.00	-	95,850.00	95,850.00	
otal Category: 60 - PERSONNEL SERVICES:	**1,911,607.80**	**2,312,413.20**	**1,734,145.36**	**21,654,542.00**	**21,654,542.00**	
Category: 65 - OPERATING COSTS						
615 - OTHER	225.00	-	3,075.00	35,000.00	35,000.00	
650 - UTILITIES	7,813.28	12,364.20	14,457.07	1,624,392.00	1,624,392.00	
655 - ADMINISTRATIVE	55,204.18	23,731.74	26,016.78	642,892.00	642,892.00	
660 - FLEET COSTS	6,934.40	10,696.08	1,903.80	415,389.00	415,389.00	
665 - PROGRAM COSTS	42,006.32	-	435.00	750,250.00	750,250.00	
670 - REPAIRS AND MAINTENANCE	2,808.24	3,480.76	144,723.03	885,627.00	885,627.00	Annual support costs paid earlier than prior years
675 - SUPPLIES	4,118.43	1,984.24	37,669.13	998,261.00	998,261.00	
680 - SPECIAL SERVICES	2,735.00	-	-	946,200.00	946,200.00	
690 - CONTRACTUAL SERVICES	310,059.26	(687,303.93)	324,218.65	7,337,385.00	7,337,385.00	
697 - ADMIN OVERHEAD	-	-	-	-		
699 - OTHER	1,115,829.87	168,480.24	1,691,284.00	1,872,674.00	1,872,674.00	Annual Liability & Property Contributions
Total Category: 65 - OPERATING COSTS:	**1,547,733.98**	**(466,566.67)**	**2,243,782.46**	**15,508,070.00**	**15,508,070.00**	
Category: 70 - CAPITAL IMPROVEMENTS						
700 - EQUIPMENT	3,726.94	19,694.60	3,726.94	304,952.00	304,952.00	
703 - FURNITURE	-	-	-	-		
705 - VEHICLE	5,418.34	5,418.34	6,388.62	615,226.00	615,226.00	
Category: 70 - CAPITAL IMPROVEMENTS:	**9,145.28**	**25,112.94**	**10,115.56**	**920,178.00**	**920,178.00**	
Category: 77 - CONTINGENCY						
770 - CONTINGENCY	-	-	-	150,000.00	150,000.00	
Total Category: 77 - CONTINGENCY:	**-**	**-**	**-**	**150,000.00**	**150,000.00**	
Category: 90 - TRANSFERS						
900 - Transfers	-	-	-	445,271.00	445,271.00	
Total Category: 90 - TRANSFERS:	**-**	**-**	**-**	**445,271.00**	**445,271.00**	
Total Expense:	**3,468,487.06**	**1,870,959.47**	**3,988,043.38**	**38,678,061.00**	**38,678,061.00**	
Total Fund 100 - General Fund	**$ 1,630,828.16**	**$ (2,683,362.47)**	**$ (1,810,861.84)**	**$ 774,751.00**	**$ 774,751.00**	

Analysis: FY21 accruals will take place through August. July will trend differently for this reason.

City of Beaumont, CA

Budget Comparison Report
Wastewater Budget to Actual through July 2021

SubCategory	2019-2020 YTD Activity	2020-2021 YTD Activity	2021-2022 YTD Activity	Parent Budget 2021-2022 V3	FY2022 Estimate	Notes
Category: 50 - FINES AND FORFEITURES						
557 - Other	-	-	-	5,000.00	5,000.00	
Total Category: 50 - FINES AND FORFEITURES:	**-**	**-**	**-**	**5,000.00**	**5,000.00**	
Category: 53 - COST RECOVERY						
565 - Other Income	-	-	-	5,000.00	5,000.00	
Total Category: 53 - COST RECOVERY:	**-**	**-**	**-**	**5,000.00**	**5,000.00**	
Category: 54 - MISCELLANEOUS REVENUES						
560 - Investment Earnings	-	-	-	100,000.00	100,000.00	
Total Category: 54 - MISCELLANEOUS REVENUES:	**-**	**-**	**-**	**100,000.00**	**100,000.00**	
Category: 56 - PROPRIETARY REVENUES						
570 - WasteWater	(1,576.87)	(588.85)	16,732.09	11,671,500.00	11,671,500.00	
Total Category: 56 - PROPRIETARY REVENUES:	**(1,576.87)**	**(588.85)**	**16,732.09**	**11,671,500.00**	**11,671,500.00**	Amount in activity will be accrued
Category: 58 - OTHER FINANCING SOURCES						
599 - Other	-	-	-	-		
Total Category: 58 - OTHER FINANCING SOURCES:	**-**	**-**	**-**	**-**		
Total Revenue:	**(1,576.87)**	**(588.85)**	**16,732.09**	**11,781,500.00**	**11,781,500.00**	
Category: 60 - PERSONNEL SERVICES						
600 - SALARIES AND WAGES	36,110.11	50,092.09	26,729.39	1,557,349.00	1,557,349.00	1 of 26 pay periods recorded
610 - BENEFITS	72,190.88	71,379.24	107,578.56	576,339.00	576,339.00	
615 - OTHER	985.55	724.81	380.87	21,412.00	21,412.00	
699 - OTHER	-	562.70	-	12,300.00	12,300.00	
Total Category: 60 - PERSONNEL SERVICES:	**109,286.54**	**122,758.84**	**134,688.82**	**2,167,400.00**	**2,167,400.00**	
Category: 65 - OPERATING COSTS						
615 - OTHER	-	-	-	-		
650 - UTILITIES	428.30	628.68	91,398.57	767,796.00	767,796.00	
655 - ADMINISTRATIVE	2,825.54	17,215.90	3,297.90	187,475.00	187,475.00	
660 - FLEET COSTS	-	28.00	223.25	34,820.00	34,820.00	
670 - REPAIRS AND MAINTENANCE	527.19	-	-	96,200.00	96,200.00	
675 - SUPPLIES	6,647.39	1,759.48	7,053.73	553,900.00	553,900.00	
690 - CONTRACTUAL SERVICES	257.00	1,160.00	1,128.98	1,188,816.00	1,188,816.00	
697 - ADMIN OVERHEAD	-	-	-	-	-	
699 - OTHER	605.66	180.05	-	649,050.00	649,050.00	

Total Category: 65 - OPERATING COSTS:	**11,291.08**	**20,972.11**	**103,102.43**	**3,478,057.00**	**3,478,057.00**
Category: 70 - CAPITAL IMPROVEMENTS					
700 - EQUIPMENT	-	8,636.46	-	198,638.00	198,638.00
705 - VEHICLE	-	-	17,272.92	215,000.00	215,000.00
750 - OTHER	-	-	-	100,000.00	100,000.00
Total Category: 70 - CAPITAL IMPROVEMENTS:	**-**	**8,636.46**	**17,272.92**	**513,638.00**	**513,638.00**
Category: 90 - TRANSFERS					
900 - Transfers	-	-	-	5,622,405.00	5,622,405.00
Total Category: 90 - TRANSFERS:	**-**	**-**	**-**	**5,622,405.00**	**5,622,405.00**
Total Expense:	**120,577.62**	**152,367.41**	**255,064.17**	**11,781,500.00**	**11,781,500.00**
Total Fund 700 - Wastewater	**$ (122,154.49)**	**$ (152,956.26)**	**$ (238,332.08)**	$ -	$ -

Analysis: FY21 accruals will take place through August. July will trend differently for this reason.

CITY OF BEAUMONT
POOLED INVESTMENT PORTFOLIO HOLDINGS
June 30, 2021

DESCRIPTION OF SECURITY	COUPON RATE	MATURITY DATE	*INVEST RATING	PURCH DATE	COST VALUE	MARKET VALUE
Deposit Accounts						
Citibank Checking (Pooled Cash)	N/A	N/A	NR	N/A	60,977,215.23	60,977,215.23
Bank of Hemet - Payroll	N/A	N/A	NR	N/A	1,710,811.33	1,710,811.33
Bank of Hemet - Gas Tax	N/A	N/A	NR	N/A	1,529,671.98	1,529,671.98
Bank of Hemet - Evidence and Seizure Fund	N/A	N/A	NR	N/A	305,196.89	305,196.89
Bank of Hemet - Construction	N/A	N/A	NR	N/A	1,069,026.06	1,069,026.06
Certificates of Deposit						
Bank of Hemet	0.75	3/27/2023	NR	3/27/2019	200,000.00	203,409.88
Local Agency Investment Fund (LAIF)	N/A	Varies	NR	Varies	74,557,724.93	74,557,724.93

Staff Report

TO: City Council

FROM: Todd Parton, City Manager

DATE August 17, 2021

SUBJECT: **Conduct a Public Hearing and Consider and Ordinance Rescinding All Prior Approvals for the Legacy Highlands Specific Plan Project**

Background and Analysis:

The following project entitlements related to the proposed Legacy Highlands Specific Plan Project ("Project") were previously considered and approved by the City Council on January 15, 2008:

- Resolution No. 2008-05 certifying the Final Environmental Impact Report ("EIR") for the Project,
- Resolution No. 2008-06 adopting Specific Plan No. 07-02,
- Resolution No. 2008-07 requesting initiation of annexation proceedings,
- Ordinance No. 924 adopting a zone change to pre-zone the Project area from County of Riverside W-2 (Controlled Development) to City of Beaumont SP-A (Specific Plan Area) and R-R (Rural Residential), and
- Ordinance No. 925 adopting the Development Agreement between the City of Beaumont and The Preserve LLC.

CEQA Lawsuit and Judgment: Following a final action by the City, a lawsuit was filed under the California Environmental Quality Act ("CEQA") in February 2008, challenging the City's actions. A hearing on the writ petition was conducted in February 2009. The Court found the EIR deficient with respect to water supply impacts and alternatives analysis. Further, the court held that the statement of Overriding Consideration did not comply with CEQA. The remaining challenges to the EIR were found to be without merit. A statement of decision, judgment and peremptory writ of mandate ("Writ") were issued on March 30, 2009, that directed the City to set aside and vacate its certification of the final EIR for the Project. In addition, the court directed City set aside and vacate the land use approvals related to the Project.

Bankruptcy Proceeding: The Preserve, LLC, the Project's applicant, filed a Chapter 11 bankruptcy case in the United States Bankruptcy Court, Central District of California during the CEQA litigation, which was subsequently converted to one under Chapter 7. In December 2008, the United States Bankruptcy Court entered an order granting relief from the automatic stay to permit the CEQA action to proceed.

Enacting Resolution No. 2009-24: On June 30, 2009, the City complied with the judgment and the Writ by enacting Resolution No. 2009-24, which rescinded all prior approvals for the Project. Specifically, the City Council set aside and vacated its (a) adoption of Resolution No. 2008-05; and (b) approvals of the Legacy Highlands Project, including the Legacy Highlands Specific Plan and the development agreement.

Stipulation Voiding Resolution No. 2009-24: In the fall of 2017, The Preserve, LLC, asserted that the City violated the automatic stay of the bankruptcy court by enacting Resolution 2009-24. The City disputed such assertion. Nevertheless, out of an abundance of caution, the parties stipulated that Resolution 2009-24 was enacted in violation of the automatic stay and thus was void, withdrawn and cancelled. In December 2017, the stipulation was approved by the United States Bankruptcy Court.

Partially Recirculated Environmental Impact Report: The purchaser of the Project has prepared a Partially Recirculated Environmental Impact Report ("PREIR") based on the CEQA judgment. The PREIR was circulated for a 45-day review period: December 14, 2020, through January 28, 2021. A final PREIR was prepared and submitted to the City on February 3, 2021, and was ready for review and approval or disapproval by the City. However, in light of the stipulation, the City could not take any action related to the final PREIR until the automatic stay was lifted. To do otherwise would not only be in direct violation of the stipulation, but also in violation of the judgment and the Writ. The purchaser of the Project disagreed with the City's position that it needed to comply with the judgment and writ in the CEQA action.

Motion for Relief from the Automatic Bankruptcy Stay: On May 21, 2021, the City filed a Notice of Motion and Motion for Relief from the Automatic Stay under 11 U.S.C. § 362 in the United States Bankruptcy Court. After reviewing the pleadings submitted by the parties, and after conducting a hearing, the United States Bankruptcy Court granted the City's motion for relief from automatic stay on June 29, 2021. The Court ordered, among other things, that the City may comply with the Statement of Decision, the judgment and the Writ in the Riverside County Superior Court CEQA action, and review and act upon the currently proposed final PREIR.

PROJECT CASE HISTORY:

Project Location: The Project site is located southerly of SR-60 and westerly of SR-79 in unincorporated Riverside County, adjacent to the boundary of the City of Beaumont. The Project site lies within the City of Beaumont Sphere of Influence (SOI) and would be annexed to the City as one of the Project's requested discretionary actions.

Project Summary: The Project would provide for a total of up to 2,868 dwelling units (1,107 single family residential units + 1,761 active adult, low density residential units), 100 acres (approximately 1.20 million square feet) of commercial/industrial uses, a 20-acre school site, various neighborhood parks, undeveloped open space, and all supporting infrastructure and utilities. In addition to approval of the specific plan, the Project required approval by the City Council of a zone change to pre-zone 1,616.89 acres of land from County of Riverside W-2 (Controlled Development) to City of Beaumont SP-A (Specific Plan Area) and R-R (Rural Residential). The Project also required the City Council to request the Local Agency Formation Commission of Riverside County to initiate proceedings for the annexation of the Project area to the City of Beaumont and concurrent detachment from the Riverside County Waste Management Resources District, and annexation to the Beaumont Cherry Valley Water District. The Project applicant also requested approval of a 25-year development agreement between the City of Beaumont and The Preserve, LLC, which would have given The Preserve, LLC, a vested right to develop and construct the Project in accordance with the entitlements received from the City pursuant to its discretionary approvals as well as all existing land use regulations and development standards in existence at the time the development agreement was approved.

CITY ACTIONS TO COMPLY WITH COURT ORDER:

As noted above, on March 30, 2009, the court issued a Writ and judgment directing the City to set aside and vacate its adoption of Resolution No. 2008-05 certifying the final Environmental Impact Report for the Project, adopting findings of facts and a statement of overriding considerations, and adopting the mitigation monitoring program pursuant to CEQA. The writ/judgment also directed the City to set aside and vacate its approvals of the Project, including the Legacy Highlands Specific Plan, and its adoption of Resolution No. 2008-06, Resolution No. 2008-07, Ordinance No. 924, and Ordinance No. 925.

The City has been unable to comply with the judgment and Writ in the Superior Court CEQA action because of the automatic stay imposed by the United States Bankruptcy Court. However, as set forth above, the automatic stay has now been lifted by the

Bankruptcy Court. Therefore, the City must comply with the statement of decision, the judgment and the Writ in the Riverside County Superior Court CEQA action. Once everything has been vacated, the next step will be to review and act upon the currently proposed final PREIR.

The action called upon City Council in order to comply with the judgment and peremptory Writ of mandate issued on March 30, 2009, by the Superior Court, will be to ordain the following rescission of prior approvals:

- Resolution No. 2008-05 certifying the Final Environmental Impact Report for the Project,
- Resolution No. 2008-06 adopting Specific Plan No. 07-02,
- Resolution No. 2008-07 requesting initiation of annexation proceedings,
- Ordinance No. 924 adopting a zone change to pre-zone the Project area from County of Riverside W-2 (Controlled Development) to City of Beaumont SP-A (Specific Plan Area) and R-R (Rural Residential), and
- Ordinance No. 925 adopting the Development Agreement between the City of Beaumont and The Preserve LLC.

Fiscal Impact:

City staff estimates the cost to prepare this report to be $2,925.

Recommended Action:

Hold a Public Hearing, and
Waive the full first reading and approve by title only, “An Ordinance of the City Council of the City of Beaumont, California, Decertifying the Final Environmental Impact Report; Rescinding Adoption of Findings Statement of Overriding Considerations, Mitigation Monitoring and Reporting Program, Specific Plan No. 07-02, Pre-Zoning Ordinance No. 924, Development Agreement Ordinance No. 925, and Request for the Local Agency Formation Commission to Initiate Annexation Proceedings as to the Legacy Highlands Specific Plan, Site Plan, Land Division, Annexation, Pre-Zoning and Zoning.”

Attachments:

A. Ordinance

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BEAUMONT, CALIFORNIA, DECERTIFYING THE FINAL ENVIRONMENTAL IMPACT REPORT; RESCINDING ADOPTION OF FINDINGS, STATEMENT OF OVERRIDING CONSIDERATIONS, MITIGATION MONITORING AND REPORTING PROGRAM, SPECIFIC PLAN NO. 07-02, PRE-ZONING ORDINANCE NO. 924, DEVELOPMENT AGREEMENT ORDINANCE NO. 925, AND REQUEST FOR THE LOCAL AGENCY FORMATION COMMISSION TO INITIATE ANNEXATION PROCEEDINGS AS TO THE LEGACY HIGHLANDS SPECIFIC PLAN, SITE PLAN, LAND DIVISION, ANNEXATION, PRE-ZONING AND ZONING

WHEREAS, The Preserve LLC applied for the approval of the Legacy Highlands Specific Plan for property located south of State Route 60 and west of State Route 79, within the City of Beaumont's sphere of influence, for the development of approximately 1,600 acres, including more than 700 acres of undeveloped open space, up to 2,868 residential units, 100 acres of commercial development, and supporting school, park, and recreation uses (the "Project"); and

WHEREAS, in addition to approval of the specific plan, the Project required approval by the City Council of a zone change to pre-zone 1,616.89 acres of land from County of Riverside W-2 (Controlled Development) to City of Beaumont SP-A (Specific Plan Area) and R-R (Rural Residential). The Project also required the City Council to request the Local Agency Formation Commission of Riverside County to initiate proceedings for the annexation of the Project area to the City of Beaumont and concurrent detachment from the Riverside County Waste Management Resources District, and annexation to the Beaumont Cherry Valley Water District. The Project applicant also requested approval of a 25 year Development Agreement between the City of Beaumont and The Preserve LLC which would have given The Preserve LLC a vested right to develop and construct the Project in accordance with the entitlements received from the City pursuant to its discretionary approvals as well as all existing land use regulations and development standards in existence at the time the Development Agreement was approved.

WHEREAS, the City of Beaumont conducted an extensive environmental review for this Project which included an Environmental Impact Report ("EIR") prepared by the independent firm of Applied Planning, Inc., with technical reports concerning biological resources, traffic and circulation, air quality, and noise. The following is a summary of the City's environmental review for this Project:

1. The City issued a Notice of Preparation ("NOP") of a Draft EIR (“DEIR”) and associated Initial Study on March 28, 2005. The NOP and Initial Study

were circulated for public review and comment until April 26, 2005. A total of seven comment letters were received from state, regional and local agencies. Responses to comments on the NOP are included in Appendix A of the DEIR. Relevant comments received in response to the NOP were incorporated into the DEIR.

2. A Notice of Completion ("NOC") was sent with the DEIR to the State Clearinghouse on or around May 2, 2007. The City of Beaumont also provided a NOC and Availability to all organizations and individuals who had previously requested such notice, and published the NOC in The Weekly Record Gazette on April 27, 2007.

3. The DEIR was distributed for public review on May 2, 2007 for a 45-day review period with the comment period expiring on June 16, 2007. The City received 15 written comments on the DEIR at the close of the public review period. The Final Environmental Impact Report ("FEIR") includes responses to comments received through September 4, 2007, well past the public review period.

4. The Planning Commission held a duly noticed and advertised public hearing on November 13, 2007 to consider the FEIR, the specific plan, annexation, pre-zone, and the development agreement. The public hearing was closed, and the matter was continued to December 11, 2007 for further consideration and action; however, the Planning Commission was unable to take action on the matter due to a lack of a quorum of eligible Planning Commission members to vote on the matter. Accordingly, the matter was forwarded to City Council without a recommendation from the Planning Commission.

5. On January 15, 2008, the City Council held a duly noticed and advertised hearing on the matter. At the close of the public hearing, the City Council took the following actions:

   a. Approved Resolution No. 2008-05 certifying the Final Environmental Impact Report for the Project;

   b. Approved Resolution No. 2008-06 adopting Specific Plan No. 07-02;

   c. Approved Resolution No. 2008-07 requesting initiation of annexation proceedings;

   d. Approved Ordinance No. 924 adopting a zone change to pre-zone the Project area from County of Riverside W-2 (Controlled

Development) to City of Beaumont SP-A (Specific Plan Area) and R-R (Rural Residential); and

e. Approved Ordinance No. 925 adopting the Development Agreement between the City of Beaumont and The Preserve LLC.

6. On or about February 14, 2008, Cherry Valley Pass Acres and Neighbors ("CVPAN") and Cherry Valley Environmental Planning Group ("CVEPG") filed a petition for a writ of mandate and complaint for declaratory relief in an action entitled Cherry Valley Pass Acres and Neighbors v. City of Beaumont, et al., Case No. RIC492830 in the Riverside County Superior Court based, in part, on the following alleged violations of the California Environmental Quality Act ("CEQA"):

a. Failure to adequately analyze the Project's water impacts;

b. Failure to properly analyze cumulative impacts;

c. Failure to properly analyze growth inducing effects;

d. Failure to properly analyze Project alternatives; and

e. Failure to adopt an adequate statement of Overriding Considerations.

7. The Preserve LLC filed a chapter 11 bankruptcy case in the United States Bankruptcy Court, Central District of California (Case No. 2:10-bk-18429-BB) on September 25, 2008, which was subsequently converted to one under chapter 7. On December 16, 2008, United States Bankruptcy Judge Sheri Bluebond entered an order granting relief from the automatic stay to permit the CEQA action to proceed.

8. After reviewing the pleadings submitted by the parties, and after conducting a trial on the petition and complaint filed by CVPAN and CVEPG, Judge Mac Fisher of the Riverside County Superior Court issued a Statement of Decision on February 3, 2009, finding the EIR deficient with respect to water supply impacts and alternatives analysis. Further, the Court held that the statement of Overriding Consideration did not comply with CEQA. The remaining challenges to the EIR were found to be without merit.

9. In accordance with the Statement of Decision, on March 30, 2009, Judge Fisher issued a judgment and writ of mandate directing the City to set aside and vacate its certification of the FEIR for the Project. In addition, the court directed to City to set aside and vacate the land use approvals related to the Project.

10. On June 30, 2009, the City of Beaumont complied with the Judgment and the Writ by enacting Resolution No. 2009-24, which rescinded all prior

approvals for the Project. Specifically, the City Council set aside and vacated its (a) adoption of Resolution No. 2008-05; and (b) approvals of the Legacy Highlands Project, including the Legacy Highlands Specific Plan and the Development Agreement.

11. In the fall of 2017, The Preserve LLC asserted that the City of Beaumont violated the automatic stay by enacting Resolution No. 2009-24. The City disputed such assertion. Nevertheless, out of an abundance of caution, the parties stipulated that Resolution No. 2009-24 was enacted in violation of the automatic stay and thus was void, withdrawn and cancelled. On December 20, 2017, the Stipulation was approved by the United States Bankruptcy Court.

12. The purchaser of the Project has prepared a Partially Recirculated Environmental Impact Report ("PREIR") based on the Statement of Decision. The PREIR was circulated for a 45-day review period: December 14, 2020 through January 28, 2021. A Final PREIR was prepared and submitted to the City on February 3, 2021 and was ready for review and approval or disapproval by the City. However, in light of the 2017 Stipulation, the City could not take any action related to the Final PREIR until the automatic stay was lifted. To do otherwise would not only be in direct violation of the Stipulation, but also in violation of the Judgment and the Writ. The purchaser of the Project disagreed with the City's position that it needed to comply with the Judgment and Writ in the CEQA action.

13. On May 21, 2021, the City of Beaumont filed a Notice of Motion and Motion for Relief from the Automatic Stay under 11 U.S.C. § 362 in the United States Bankruptcy Court. After reviewing the pleadings submitted by the parties, and after conducting a hearing, Judge Bluebond of the United States Bankruptcy Court granted the City's motion for relief from automatic stay on June 29, 2021. The Court ordered, among other things, that:

    a. The City may take the PREIR Actions[1] as required or permitted by local and state law including, but not limited to complying with the Statement of Decision, the Judgment and the Writ in the Riverside County Superior Court CEQA action, and reviewing and acting upon the currently proposed Final PREIR; and

[1] The PREIR Actions is defined in the United States Bankruptcy Order to include, but are not limited to, reviewing and acting upon the Final PRIER, complying with the judgment and the writ in the Riverside County Superior Court, the related entitlements, the Legacy Highlands development agreement, specific plan, site plan, land division, annexation, pre-zoning and zoning, mitigation monitoring and reporting program, Findings of Facts and a Statement of Overriding Considerations, Resolution No. 2008-05, Resolution No. 2008-06, Resolution No. 2008-07, Ordinance No. 924 and Ordinance No. 925.

b. The City Council and the Planning Commission shall retain any and all discretion and authority under CEQA, other state law as well as local law with regards to the PREIR Actions.

THEREFORE, THE CITY COUNCIL OF THE CITY OF BEAUMONT DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1: Rescission of Prior Approvals

1. The City Council hereby sets aside and vacates its adoption of Resolution No. 2008-05 certifying the Final Environmental Impact Report for the Legacy Highlands Specific Plan, adopting Findings of Facts and a Statement of Overriding Considerations, and adopting the Mitigation Monitoring Program pursuant to the California Environmental Quality Act ("CEQA"); and

2. The City Council hereby sets aside and vacates its approvals of the Legacy Highlands Project, including the Legacy Highlands Specific Plan, and its adoption of Resolution No. 2008-06, Resolution No. 2008-07, Ordinance No. 924, and Ordinance No. 925.

SECTION 2: Effective Date

This ordinance shall take effect immediately upon its adoption.

INTRODUCED AND READ for the first time and ordered posted at a regular meeting of the City Council of the City of Beaumont, California, held on the 17th day of August, 2021, by the following roll call vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Remainder of page intentionally left blank.

PASSED, APPROVED AND ADOPTED at a regular meeting of the City Council of the City of Beaumont, California, held on the 7th day of September, 2021.

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
Lloyd White, Mayor Pro Tem

Attest:

_____
Steven Mehlman, City Clerk

Approved as to form:

_____
John Pinkney, City Attorney

Staff Report

TO: City Council

FROM: Carole Kendrick, Planning Manager

DATE August 17, 2021

SUBJECT: **Hold a Public Hearing Regarding California Environmental Quality Act (CEQA) Initial Study/Mitigated Negative Declaration Review for the Pennsylvania Avenue Widening Project between First Street and Sixth Street**

Background and Analysis:

The City of Beaumont has determined that the proposed Pennsylvania Avenue Widening Project (Project), and the required discretionary actions of the City Council for the Project, require compliance with the guidelines and regulations of the California Environmental Quality Act (CEQA). This Initial Study and Mitigated Negative Declaration (IS/MND) addresses the direct, indirect, and cumulative environmental effects associated with the proposed Project.

This IS/MND has been prepared in conformance with the California Environmental Quality Act of 1970, as amended (Public Resources Code Section 21000 *et seq.*); Section 15070 of the State Guidelines for Implementation of the California Environmental Quality Act of 1970 ("CEQA Guidelines"), as amended (CCR, Title 14, Chapter 3, Section 15000 et seq.); and applicable requirements of the Lead Agency, the City of Beaumont.

This IS/MND has determined that the proposed Project would result in potentially significant environmental impacts; however, mitigation measures are proposed that would reduce any potentially significant impact to less than significant levels. As such, an IS/MND is deemed to be the appropriate document to provide the necessary environmental review and clearance.

Project

The Pennsylvania Avenue Widening Project (Project) proposes to widen and add two additional lanes to Pennsylvania Avenue between First Street and Sixth Street, a

distance of approximately 2,800 feet, in the City of Beaumont. The proposed widening and associated improvements would be predominantly within existing right-of-way except for areas requiring easements for stormwater infrastructure improvements and temporary construction easements (TCEs) needed for property frontage improvements and minor utility relocations.

The additional lanes within these limits would result in a four-lane major highway as specified for this roadway segment by the City of Beaumont General Plan Mobility Element. The widening would require improvements to the existing Union Pacific Railroad (UPRR) at-grade crossing and freeway ramp terminals at the I-10 Freeway within Caltrans right-of-way. Pedestrian access with a new sidewalk would be provided for the length of the Project on the west side and impacted intersections would be brought up to current Americans with Disabilities Act (ADA) standards with new and/or updated curb ramps.

Work activities include the following: excavation for underground electrical work, storm drain conduit/inlets, utility cover adjustments, relocation of existing power poles, grading and re-grading the existing slopes, roadway excavation of approximately 4,700 cubic yards, the application of approximately 4,750 tons of asphalt paving to new road bed, removal/restriping of lanes, and removal/replacement and addition of roadway signage. Excavation would be within four feet of the existing surface grade with several deeper excavations (up to 20 feet below existing surface grade) for the power pole relocations. Staging of all equipment and materials would occur within the Project limits on the City's right-of-way and within the TCEs on adjacent properties.

Construction of the Project would occur in three phases. Storm drain and utility relocations would occur prior to any major roadway improvements to reduce traffic impacts. The first phase would involve construction of the outer improvements for the widening to the north and south of the UPRR tracks with an estimated duration of four months. The second phase would involve the closure of the at-grade crossing to construct the improvements within UPRR right-of-way with an estimated duration of one month. The last phase would complete the remaining portion of construction within the center of the roadway north of the tracks and final paving with an estimated duration of three months.

Environmental Documentation

An Environmental Analysis of this proposal was prepared by Moffatt & Nichol to assess the potential impacts that this project would have and mitigation measures which are required to mitigate identified impacts to a level of insignificance, in accordance with the

California Environmental Quality Act (CEQA). The areas that were covered within the analysis were:

aesthetics, agriculture and forestry resources, air quality, biological resources, energy, greenhouse gas emissions, land use/planning, population/housing, transportation/traffic, agriculture/forestry resources, cultural resources, tribal cultural resources, hazards/hazardous materials, hydrology and water quality, mineral resources, public services, utilities/service systems, geology/soils, noise, and recreation.

In general, the findings made in these areas found that the impacts would be either “less-than-significant” or “not an impact” to that particular area of study. Air quality is expected to improve because this extension will help alleviate traffic queuing at local railroad and freeway intersections.

Biological Resources
A biological resources assessment jurisdictional delineation and multiple species habitat conservation plan (MSHCP) consistency analysis were prepared by Jericho Systems, Inc. in conjunction with this review and mitigation measures are proposed to be incorporated into the project to reduce impacts to a level of insignificance. The proposed mitigation measures include a pre-construction burrowing owl survey, that grading work shall done outside the nesting periods for sensitive species of birds, and the requirement for a determination of a biologically equivalent or superior preservation (DBESP) be obtained in the even that impacts to riparian/riverine habitat cannot be avoided. The mitigation is shown as AM BIO-1, MM BIO-2 and AM BIO-3 on Pages 33 and 34 of Attachment A.

Cultural Resources
A cultural report was prepared by CRM Tech in conjunction with this review and a mitigation measure is proposed to verify contact information for on-call archeological monitoring and note on building plans that all earthwork will cease within a 50-foot area of a discovered cultural resource, as shown as MM CUL-1 on Page 39 of Attachment A.

Geology and Soils
A paleontological resources assessment report was prepared by CRM Tech in conjunction with this review and a mitigation measure is proposed to implement a paleontological resource impact mitigation consistent with CEQA and the society of vertebrate paleontology guidelines, as shown as MM GEO-1 on Page 47 of Attachment A.

Hazards and Hazardous Materials

An initial site assessment (phase I) was prepared by Leighton Group in conjunction with this review and mitigation measures are proposed to address potential noise impacts and are shown as MM HAZ-1 and MM HAZ-2 on Pages 55 and 56 of Attachment A.

Noise
A noise study report was prepared by Entech Consulting Group in conjunction with this review and mitigation measures are proposed to address soils management and the testing of yellow striping and are shown as MM NOI-1 through MM NOI-5 on Pages 74 and 75 of Attachment A.

The draft initial study/mitigated negative declaration was circulated for a 30-day public review period from June 3, 2021, through July 6, 2021, and is included as Attachment A to this staff report. Although the project was publicly noticed, there was an error in filing the draft document with the State Clearing House, which was published on July 8, 2021, with the review period ending on August 9, 2021, as the comment period cannot end on weekend. At the July 20, 2021, City Council meeting, the City Council opened the public hearing and continuing the item to the August 17, 2021, meeting after the State's comment period has concluded.

At the time of report preparation, the Planning Department one comment letter from the Rail Passenger Association of California and Nevada (RailPAC) included as Attachment C. The comment letter encourages that the project be coordinated with RCTC to accommodate future planned improvements to the rail line. Any additional comments received prior to the time of the scheduled City Council meeting will be provided to the Council at the time of the public hearing.

Fiscal Impact:
City staff time to prepare this staff report is approximately $500.

Recommended Action:

Hold a continued public hearing,
Adopt a Mitigated Negative Declaration and Mitigation and Monitoring Reporting Program for the Pennsylvania Avenue widening project, and
Direct staff to prepare a Notice of Determination to be filed with the Riverside County Clerk Recorder.

Attachments:

A. Draft Initial Study/Mitigated Negative Declaration

B. Proof of Publication
C. RailPAC comment letter dated August 8, 2021

Incorporated herein by Reference:

City of Beaumont General Plan
City of Beaumont Zoning Ordinance
Project Site's Riverside Conservation Authority Multi-Species Habitat Conservation Plan
Informational Map

Public Draft
Initial Study & Mitigated Negative Declaration

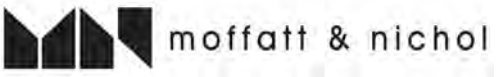
PENNSYLVANIA AVENUE WIDENING PROJECT

June 2021

Lead Agency:

City of Beaumont
550 East 6th Street
Beaumont, CA 92223
Contact: Carole Kendrick

Prepared by:



4225 E Conant Street
Long Beach, CA 90808
Contact: Stephanie Oslick, AICP, ENV SP

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Appendix C. Biological Resource Assessment Jurisdictional Delineation and MSHCP Consistency Analysis
Appendix D. Phase I Historical/Archaeological Resources Survey and Addendum
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LIST OF ACRONYMS AND ABBREVIATIONS

ACM	Asbestos Containing Materials
ADA	Americans with Disabilities Act
ADL	Aerially Deposited Lead
APN	Assessor Parcel Number
AQMP	Air Quality Management Plan
AR4	Fourth Assessment Report
BACM	Best Available Control Measures
BAU	Business as Usual
BCC	Bird of Conservation Concern
BMPs	Best Management Practices
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CARB	California Air Resources Board
CCR	California Code of Regulations
CDC	California Department of Conservation
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CH_4	Methane

CIP	Capital Improvement Project
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalent
CWA	Clean Water Act
dBA	Decibel
DBESP	Determination of Biologically Equivalent or Superior Preservation
DDT	Dichloro-Diphenyl-Trichloroethane
EIC	Eastern Information Center
EIR	Environmental Impact Report
Entech	Entech Consulting Group
EPA	Environmental Protection Agency
Farmland	Prime Farmland, Unique Farmland, or Farmland of Statewide Importance
FEMA	Federal Emergency Management Agency
FGC	Fish and Game Code
FTA	Federal Transit Administration
General Plan EIR	Program Environmental Impact Report, Beaumont General Plan Update (Beaumont 2040 Plan)
GPU	General Plan Update
GHG	Greenhouse Gas
Guidance	Low Impact Development: Guidance and Standards for Transportation Projects
GWP	Global Warming Potential
HFCs	Hydrofluorocarbons
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
IS/MND	Initial Study / Mitigated Negative Declaration
I-10	Interstate 10
lb or lbs	Pound or Pounds
LBP	Lead Based Paint
Leq	Average Background Noise Level
LID	Low Impact Development
LOS	Level of Service
LST	Localized Significance Threshold
MBTA	Migratory Bird Treaty Act
MMT	Million Metric Tons
MND	Mitigated Negative Declaration
MLD	Most Likely Descendant

MSHCP	Multiple Species Habitat Conservation Plan (Western Riverside)
MS4	Municipal Separate Storm Sewer System Permit
MT	Metric Tons
NAAQS	National Ambient Air Quality Standards
ND	Negative Declaration
NOI	Notice of Intent
NOx	Oxides of Nitrogen
N_2O	Nitrous Oxide
NPDES	Nation Pollutant Discharge and Elimination System
NWI	National Wetlands Inventory
NRCS	Natural Resource Conservation Service
O_3	Ozone
PFCs	Perfluorocarbons
PM_{10}	Particulates 10 microns or less in diameter
$PM_{2.5}$	Particulates 2.5 microns or less in diameter
ppm	Parts per million
PPV	Peak Particle Velocity
Phase I	Phase I Environmental Site Assessment/Initial Site Assessment
PRC	Public Resources Code
Project	Pennsylvania Avenue Widening Project
RCALUC	Riverside County Airport Land Use Commission
RCA	Regional Conservation Authority
REC	Recognized Environmental Condition
RMS	Root Mean Square
ROG	Reactive Organic Gases
RTP/SCS	Regional Transportation Plan & Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SBCM	San Bernardino County Museum
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SCH No.	State Clearinghouse Number
SF_6	sulfur hexafluoride
SOx	Oxides of Sulfur
SPRR	Southern Pacific Railroad
SRA	Source Receptor Area

SSC	Species of Special Concern
SWPPP	Eastern Information Center
TCE	Temporary Construction Easement
TCP	Traffic Control Plan
TMDL	Total Maximum Daily Loads
UPRR	Union Pacific Railroad
UST	Underground Storage Tank
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VdB	Vibration Decibels
VOCs	Volatile Organic Compounds
WDR	Waste Discharge Requirement
WQMP	Water Quality Management Plan

1.0 INTRODUCTION

1.1 Summary

The City of Beaumont has determined that the proposed Pennsylvania Avenue Widening Project (Project), and the required discretionary actions of the City for the Project, require compliance with the guidelines and regulations of the California Environmental Quality Act (CEQA). This Initial Study and Mitigated Negative Declaration (IS/MND) addresses the direct, indirect, and cumulative environmental effects associated with the proposed Project.

This IS/MND has been prepared in conformance with the California Environmental Quality Act of 1970, as amended (Public Resources Code Section 21000 *et seq.*); Section 15070 of the State Guidelines for Implementation of the California Environmental Quality Act of 1970 ("CEQA Guidelines"), as amended (CCR, Title 14, Chapter 3, Section 15000 et seq.); and applicable requirements of the Lead Agency, the City of Beaumont.

This IS/MND has determined that the proposed Project would result in potentially significant environmental impacts; however, mitigation measures are proposed that would reduce any potentially significant impact to less than significance levels. As such, an IS/MND is deemed as the appropriate document to provide the necessary environmental review and clearance.

1.2 Statutory Authority and Requirements

In accordance with CEQA (Public Resources Code Sections 21000-21177) and pursuant to Section 15063 of the CEQA Guidelines set forth at Title 14 of the California Code of Regulations (CCR), the City of Beaumont, acting in the capacity of Lead Agency, is required to undertake the preparation of an Initial Study (IS) to provide the City with information to use as the basis for determining whether an Environmental Impact Report (EIR), Negative Declaration (ND), or Mitigated Negative Declaration (MND) would be appropriate for providing the necessary environmental documentation for the proposed Project.

The purpose of an IS is to: (1) identify potential environmental impacts; (2) provide the Lead Agency with information to use as the basis for deciding whether to prepare an EIR or ND; (3) enable the project sponsor/applicant or Lead Agency to modify a project, mitigating adverse impacts before an EIR is prepared; (4) facilitate environmental assessment early in the design of a project; (5) provide documentation of the factual basis for the finding in a ND that a project would not have a significant environmental effect; (6) eliminate needless EIRs; (7) determine whether a previously prepared EIR could be used for a project; and (8) assist in the preparation of an EIR, if required, by focusing the EIR on the effects determined to be significant, identifying the effects determined not to be significant, and explaining the reasons for determining that potentially significant effects would not be significant.

Section 15063 of the CEQA Guidelines identifies global disclosure requirements for inclusion in an IS. Pursuant to those requirements, an IS must include: (1) a description of the project, including the location of the project; (2) an identification of the environmental setting; (3) an identification of environmental effects by use of a checklist, matrix or other method, provided that entries on a checklist or other form are briefly explained to indicate that there is some evidence to support the entries; (4) a discussion of ways to mitigate significant effects identified, if any; (5) an examination of whether the project is compatible with existing zoning, plans, and other applicable land use controls; and (6) the name of the person or persons who prepared or participated in the preparation of the IS.

According to Section 15065(a) of the CEQA Guidelines, an EIR must be prepared for a particular project if any of the following conditions occur:

- The project has the potential to: substantially degrade the quality of the environment; substantially reduce the habitat of a fish or wildlife species; cause a fish or wildlife population to drop below self-sustaining levels; threaten to eliminate a plant or animal community; substantially reduce the number or restrict the range of an endangered, rare or threatened species; or eliminate important examples of the major periods of California history or prehistory;

- The project has the potential to achieve short-term environmental goals to the disadvantage of long-term environmental goals;

- The project has possible environmental effects that are individually limited but cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects;

- The environmental effects of a project will cause substantial adverse effects on human beings, either directly or indirectly.

According to Section 15070(a) of the CEQA Guidelines, a ND is deemed appropriate if the IS shows that there is no substantial evidence, in light of the whole record before the lead agency, that the project may have a significant effect on the environment.

According to Section 15070(b), a MND is deemed appropriate if it identifies potentially significant effects, but:

- Revisions in the project plans or proposals made by or agreed to by the sponsor/applicant before a proposed IS/MND is released for public review would avoid the effects or mitigate the effects to a point where clearly no significant effects would occur; and

- There is no substantial evidence, in light of the whole record before the agency, that the project as revised may have a significant effect on the environment.

1.3 Intended Uses of this Initial Study and Mitigated Negative Declaration

This IS/MND is intended to be an informational document for the City of Beaumont as Lead Agency, the general-public, and for responsible agencies to review and use when approving subsequent discretionary actions for this Project. The resulting documentation is not a policy document, and its approval and/or certification neither presupposes nor mandates any actions on the part of those agencies from whom permits and other discretionary approvals would be required.

The Notice of Intent (NOI) to adopt a MND and supporting analysis is subject to a 30-day public and agency review period (**July 8, 2021 to August 7, 2021**). During this review, comments on the document should be addressed to the City of Beaumont. Following review of any comments received, the City of Beaumont will consider these comments as a part of this Project's environmental review and include them with the IS/MND documentation for consideration by the Beaumont Planning Commission and City Council if needed.

1.4 Supportive Documentation

1.4.1 Tiered Documents

As permitted in Section 15152(a) of the CEQA Guidelines, information and discussions from other documents can be included into this document. Tiering is defined as follows:

> "Tiering refers to using the analysis of general matters contained in a broader EIR (such as the one prepared for a general plan or policy statement) with later EIRs and negative declarations on narrower projects; incorporating by reference the general discussions from the broader EIR; and concentrating the later EIR or negative declaration solely on the issues specific to the later project."

For this document, the "Program Environmental Impact Report, Beaumont General Plan Update (Beaumont 2040 Plan)" (State Clearinghouse Number (SCH No.) 2018031022 certified in November 2020) or the "General Plan EIR" serves as the broader document, since it analyzes the entire City that contains the Project site (Beaumont 2020b). However, as discussed, site-specific impacts which these broader documents could not adequately address, are provided in this IS/MND for certain issue areas. This IS/MND evaluates each of those site-specific environmental issue areas and will rely upon analysis contained within the General Plan EIR with respect to remaining issue areas where appropriate.

Tiering also allows this document to comply with Section 15152(b) of the CEQA Guidelines, which discourages redundant analyses, as follows:

> "Agencies are encouraged to tier the environmental analyses which they prepare for separate but related projects including the general plans, zoning changes, and development projects. This approach can eliminate repetitive discussion of the same issues and focus the later EIR or negative

declaration on the actual issues ripe for decision at each level of environmental review. Tiering is appropriate when the sequence of analysis is from an EIR prepared for a general plan, policy or program to an EIR or negative declaration for another plan, policy, or program of lesser scope, or to a site-specific EIR or negative declaration."

Section 15152(d) of the CEQA Guidelines further states:

"Where an EIR has been prepared and certified for a program, plan, policy, or ordinance consistent with the requirements of this section, any lead agency for a later project pursuant to or consistent with the program, plan, policy, or ordinance should limit the EIR or negative declaration on the later project to effects which:

1. Were not examined as significant effects on the environment in the prior EIR; or

2. Are susceptible to substantial reduction or avoidance by the choice of specific revisions in the project, by the imposition of conditions, or other means."

1.4.2 Incorporation by Reference

Incorporation by reference is a procedure for reducing the size of environmental documents and is most appropriate for including long, descriptive, or technical materials that provide general background information, but do not contribute directly to the specific analysis of the project itself. This procedure is particularly useful when an EIR or Negative Declaration relies on a broadly-drafted EIR for its evaluation of cumulative impacts of related projects. (*Las Virgenes Homeowners Federation v. County of Los Angeles* (1986) 177 Cal.App.3d 300.) If an EIR or Negative Declaration relies on information from a supporting study that is available to the public, the EIR or Negative Declaration cannot be deemed unsupported by evidence or analysis. (*San Francisco Ecology Center v. City and County of San Francisco* (1975) 48 Cal.App.3d 584, 595.) This document incorporates by reference the document from which it is tiered, the General Plan EIR (SCH No. 2018031022), certified in November 2020 (Beaumont 2020b).

When an EIR or Negative Declaration incorporates a document by reference, the incorporation must comply with Section 15150 of the CEQA Guidelines as follows:

- The incorporated document must be available to the public or be a matter of public record (CEQA Guidelines Section 15150(a)). The General Plan EIR is available, along with this document, at the City of Beaumont, Planning Department, 550 East 6th Street Beaumont, CA 92223. However, due to the COVID-19 ("coronavirus") pandemic, offices are closed. Please contact the City's Project Contact listed in Section 2.3 of this document regarding viewing access of document hard copies. The General Plan EIR can also be accessed online at https://www.beaumontca.gov/121/General-Plan.

- This document must be available for inspection by the public at an office of the lead agency (CEQA Guidelines Section 15150(b)). This document is available at the City of Beaumont, Planning Department, 550 East 6th Street Beaumont, CA 92223. Please contact the City's Project Contact listed in Section 2.3 of this document regarding viewing access of document hard copies. This document can also be accessed online at https://www.beaumontca.gov/1125/Planning-Projects.

- This document must summarize the portion of the document being incorporated by reference or briefly describe information that cannot be summarized. Furthermore, this document must describe the relationship between the incorporated information and the analysis in the General Plan EIR (CEQA Guidelines Section 15150(c)). As discussed above, the General Plan EIR addresses the entire City of Beaumont and provides background and inventory information and data which apply to the Project site. Incorporated information and/or data will be cited in the appropriate sections.

- This document must include the State identification number of the incorporated document (CEQA Guidelines Section 15150(d)). The State Clearinghouse Number (SCH No.) for the General Plan EIR is 2018031022.

- The material to be incorporated in this document will include general background information (CEQA Guidelines Section 15150(f)).

1.4.3 Technical Studies

The following technical studies were prepared for the Project and are available for public review concurrently with the IS/MND. A hard copy of the technical studies is available at the City's Planning Department counter located at 550 East 6th in the City of Beaumont. Please contact the City's Project Contact listed in Section 2.3 of this document regarding viewing access of document hard copies. The IS/MND and supporting documents may also be viewed on the City's web site at the following link (https://www.beaumontca.gov/1125/Planning-Projects)

- Air Quality and Greenhouse Gas Study, Pennsylvania Avenue Widening Project, prepared by Entech Consulting Group, January 2021 (Entech 2021a).

- Biological Resources Assessment, Jurisdictional Delineation, prepared by Jericho Systems Inc., October 2020 (Jericho 2020a).

- CEQA Transportation (VMT) Screening for the Pennsylvania Avenue Widening between 6th Street and 1st Street Improvements Project, prepared by Minagar & Associates, December 2020 (Minagar & Associates 2020).

- Initial Site Assessment Pennsylvania Avenue Widening, Riverside County, California, prepared by Leighton Consulting, Inc., September 2018 (Leighton 2018).

- Noise Study Report, Pennsylvania Avenue Widening Project, prepared by Entech Consulting Group, February 2021 (Entech 2021b).

- Paleontological Resources Assessment Report, Pennsylvania Avenue Widening Project, prepared by CRM TECH, February 2021 (CRM 2021a).

- Pennsylvania Avenue Roadway Widening and Interchange Improvements Project DRAFT Hydrology and Hydraulics Report prepared by Kimley Horn, February 2018 (Kimley Horn 2018).

- Phase I Historical/Archaeological Resources Survey, Pennsylvania Avenue Widening Project, prepared by CRM TECH, October 2018.

- Addendum to Phase I Historical/Archaeological Resources Survey, Pennsylvania Avenue Widening Project, prepared by CRM TECH, February 2021 (CRM 2021b).

- Santa Ana Region MS4 Permit Program, Draft Low Impact development: Guidance and Standards for Transportation Projects, Pennsylvania Avenue Roadway Widening, CIP No. 2017-009, prepared by Kimley Horn, March 2020 (Kimley Horn 2020).

- Western Riverside County Multiple Species Habitat Conservation Plan Consistency Analysis, Pennsylvania Avenue Widening, prepared by Jericho Systems Inc., October 2020 (Jericho 2020b).

2.0 INITIAL STUDY / ENVIRONMENTAL CHECKLIST

2.1 Project Title

Pennsylvania Avenue Widening Project

2.2 Lead Agency

City of Beaumont
550 East 6th Street
Beaumont, California 92223

2.3 Project Contact

Carole Kendrick, Senior Planner
City of Beaumont, Planning Department
550 East 6th Street
Beaumont, California 92223
(951) 769-8518
CKendrick@beaumontca.gov

2.4 Project Sponsor

City of Beaumont, Public Works Department
550 East 6th Street
Beaumont, California 92223

2.5 Project Location

The Project site is in the City of Beaumont, County of Riverside, California, located at the interchange of Interstate-10 and Pennsylvania Avenue (Figure 1). The Project site is within the United States Geological Survey (USGS) Beaumont Quadrangle, Section 10, Township 3 South, Range 1 West of the Riverside Baseline and Meridian.

2.6 General Plan / Zoning Designations

Circulation Element: Major Highway (Painted Median) – General Plan Figure 4.2 Roadway Classification (Beaumont 2020a).

Land Use: Downtown Mixed-Use, Industrial, and General Commercial/TOD Overlay – General Plan Figure 3.5 Land Use Plan (Beaumont 2020a).

Zoning: 6th Street Mixed-Use, Manufacturing, Commercial Community/TOD Overlay – General Plan EIR Figure 3-4 Zoning Map (Beaumont 2020b).

2.7 Environmental Setting and Surrounding Land Uses

The Project site lies mainly within the existing Pennsylvania Avenue roadway footprint and right-of-way between East 6th Street on the north and East 1st Street on the south (Figure 1 and Figure 2). Portions of the Project would extend approximately zero to 16 feet from the existing roadway into adjacent properties, expanding the existing right-of-way to allow for the proposed widening (Figure 3). These adjacent parcels are characterized by undeveloped/vacant land, an industrial pallet manufacturing facility and a commercial retail center. The Project crosses a Union Pacific Railroad (UPRR), two-track, at-grade rail crossing and an Interstate-10 freeway bridge overpass (Figure 2).

The Project's proposed section of Pennsylvania Avenue widening is a paved two-lane Collector but is designated in the General Plan Circulation Element as a Four-Lane Major Highway. Dedicated turn pockets exist for the Pennsylvania Avenue intersections at 6th Street, 3rd Street and 1st Street. Traffic control consists of a semi-protected traffic signal at 6th Street, one-way stop at 3rd Street, and a four-way stop at 1st Street. No curb, gutter or sidewalk improvements exist within the Project site except for approximately 490 feet along the frontage of the pallet manufacturing facility and approximately 240 feet along the frontage and parking lot of the commercial retail center. The Project site does not contain structures but does contain existing roadway, storm water infrastructure and various electrical, gas and water utility appurtenances.

2.8 Project Description

The Pennsylvania Avenue Widening Project (Project) proposes to widen and add two additional lanes to Pennsylvania Avenue between 1st Street and 6th Street, a distance of approximately 2,800 feet, in the City of Beaumont. The proposed widening and associated improvements would be predominantly within existing right-of-way except for areas requiring easements for stormwater infrastructure improvements and temporary construction easements (TCEs) needed for property frontage improvements and minor utility relocations.

The additional lanes within these limits would result in a four-lane Major Highway per the City of Beaumont General Plan Circulation Element (Beaumont 2020a). The widening would require improvements to the existing UPRR at-grade crossing and freeway ramp terminals at the I-10 Freeway within Caltrans right-of-way. Pedestrian access with a new sidewalk would be provided for the length of the Project on the west side and impacted intersections would be brought up to current Americans with Disabilities Act (ADA) standards with new and/or updated curb ramps.

Work activities include the following: excavation for underground electrical work, storm drain conduit/inlets, utility cover adjustments, relocation of existing power poles; grading and re-grading the existing slopes; roadway excavation of approximately 4,700 cubic yards; the application of approximately 4,750 tons of asphalt paving to new road bed; removal/restriping of lanes, and; removal/replacement and addition of roadway signage. Excavation would be within 4 feet of existing surface grade with several

deeper excavations (up to 20 feet below existing surface grade) for the power pole relocations. Staging of all equipment and materials would occur within the Project limits on the City's right-of-way and within TCEs on adjacent properties. Project right-of-way is provided in Figure 3 and an aerial of the Project site and proposed improvements are shown on Figure 2.

Construction of the Project would occur in three phases. Storm drain and utility relocations would occur prior to any major roadway improvements to reduce traffic impacts. The first phase would involve construction of the outer improvements for the widening to the north and south of the UPRR tracks with an estimated duration of four months. The second phase would involve the closure of the at-grade crossing to construct the improvements within UPRR right-of-way with an estimated duration of one month. The last phase would complete the remaining portion of construction within the center of the roadway north of the tracks and final paving with an estimated duration of three months.

2.9 Other Permits and Approvals

This IS/MND is intended to be an informational document for the City of Beaumont, as Lead Agency, to review and use when approving subsequent discretionary actions for this Project. Table 1 provides a potential, but not exhaustive, list of other responsible agencies and/or entities that may rely upon this IS/MND to grant subsequent discretionary approvals and/or permits, where applicable, related to Project implementation.

Table 1. Other Permits and Approvals

Agency/Entity	Permit/Approval	Description	Timing
Caltrans	Encroachment permit(s)	Construction and preliminary investigations within Caltrans' right-of-way	Prior to construction within right-of-way
Union Pacific Railroad	Encroachment permit(s)	Construction and preliminary investigations within Union Pacific Railroad right-of-way	Prior to construction within right-of-way
Regional Conservation Authority/ Wildlife Agencies	Multiple Species Habitat Conservation Plan Consistency Determination	Potential impacts to biological resources from construction and/or widening	Prior to construction
United States Army Corps of Engineers	404 Nationwide Permit or Individual Permit (not anticipated due to June 2020 regulations)	Potential impacts to jurisdictional waters from road widening and storm water infrastructure	Prior to impacts to Waters of the United States
Regional Water Quality Control Board	401 Water Quality Certification or Waste Discharge Requirement	Potential impacts to jurisdictional waters from road widening and storm water infrastructure	Prior to impacts to Waters of the United States/State

Agency/Entity	Permit/Approval	Description	Timing
California Department of Fish and Wildlife	1602 Streambed Alteration Agreement	Potential impacts to jurisdictional waters from road widening and storm water infrastructure	Prior to impacts to Waters of State
California Public Utilities Commission	Relocation of utilities/ encroachment permit(s)	Electric, gas, water, communications, rail, other	Prior to relocation
SoCalGas	Relocation of utilities/ encroachment permit(s)	Gas line, other	Prior to relocation
Beaumont Cherry Valley Water District	Relocation of Utility Lines and appurtenances/ Encroachment Permit(s)	Water appurtenances, other	Prior to relocation
Southern California Edison	Relocation of utilities/ encroachment permit(s)	Electrical vault, guy wire, power pole, street light, electrical pull box, other	Prior to relocation

2.10 Consultation with California Native American Tribe(s)

The following California Native American tribes traditionally and culturally affiliated with the Project area were notified of the Project pursuant to Public Resources Code section 21080.3.1: Agua Caliente Band of Cahuilla Indians; Augustine Band of Cahuilla Mission Indians; Cabazon Band of Mission Indians; Cahuilla Band of Indians; Los Coyotes Band of Cahuilla and Cupeno Indians; Morongo Band of Mission Indians; Ramona Band of Cahulla; Soboba Band of Mission Indians; Torres-Martinez Desert Cahuilla Indians; Santa Rosa Band of Cahuilla Indians.

The City of Beaumont, as the CEQA lead agency, initiated formal AB52 consultation requests on **June 5, 2020.** The City received responses from the Cabazon Band of Mission Indians and Soboba Band of Luiseño Indians. A summary of this correspondence is provided below:

- Cabazon Band of Mission Indians representative indicated on June 10, 2020 that there is no presence of Native American resources that may be impacted by the proposed Pennsylvania Avenue Widening Project.

- Soboba Band of Luiseño Indians requested to initiate formal consultation with the City of Beaumont on June 23, 2020. The City of Beaumont conducted consultation with the Soboba Band of Luiseño Indians on July 2, 2020. Soboba Band of Luiseño Indians indicated that they had no comments on the Project but wanted to conduct a consultation on behalf of Morongo Band of Mission Indians as they were having a transition in their staff. No requests for additional meetings, conditions of approval or mitigation resulted from these meetings.

The AB52 consultation period concluded on **July 20, 2020**. No conditions of approval or mitigation measures associated with tribal cultural resources were made a condition of the Project based on the results of the AB52 consultation process. Potential for impacts on tribal cultural resources are discussed in Section 3.18 of the IS/MND.

2.11 Environmental Factors Potentially Affected

All of the potential environmental impacts listed below are addressed in this Initial Study. Those that are checked below have been identified as involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages for which mitigation measures have been identified to reduce the impact to less than significant.

	Aesthetics	☐	Mineral Resources
☐	Agriculture and Forestry Resources	■	Noise
☐	Air Quality		Population/Housing
■	Biological Resources	☐	Public Services
■	Cultural Resources		Recreation
	Energy		Transportation
■	Geology/Soils	☐	Tribal Cultural Resources
	Greenhouse Gas Emissions		Utilities/Service Systems
■	Hazards & Hazardous Materials	☐	Wildfire
	Hydrology/Water Quality	■	Mandatory Findings of Significance
	Land Use/Planning		

2.12 Determination (To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet (Appendix A) have been added to the Project. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed Project MAY have a "potentially significant impact" or "potentially significant unless mitigated" on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed Project could have a significant effect on the environment, there WILL NOT be a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed Project, nothing further is required.

Signature: Carole Kendrick Date: 5/26/2021

Printed Name: Carole Kendrick Title: Senior Planner

3.0 ENVIRONMENTAL ANALYSIS

The environmental analysis provided below in Section 3.0 is patterned after the Initial Study Checklist recommended by the CEQA Guidelines, as amended, and used by the City of Beaumont in its environmental review process. For the environmental assessment undertaken as part of this Initial Study's preparation, a determination that there is a potential for significant effects indicates the need to more fully analyze the Project's impacts and to identify mitigation.

For the evaluation of potential impacts, the questions in the Initial Study Checklist are stated and an answer is provided according to the analysis undertaken as part of this Initial Study. The analysis considers the long-term, direct, indirect, and cumulative impacts of the Project. There are four possible responses to each question:

- ***No impact.*** The Project would not have any measurable environmental impact on the environment.

- ***Less than significant impact.*** The Project would have the potential to impact the environment, although this impact would be negligible, would be below established thresholds that are considered to be significant and/or would be reduced to less than significant with the implementation of established plans, policies, procedures and/or regulations.

- ***Less than significant with mitigation.*** The Project would have the potential to generate impacts, which may be considered as a significant effect on the environment, although mitigation measures or changes to the Project's physical or operational characteristics would reduce these impacts to levels that are less than significant.

- ***Potentially significant impact.*** The Project could have impacts which may be considered significant, and therefore additional analysis is required to identify mitigation measures that could reduce potentially significant impacts to less than significant levels.

The following is a discussion of potential Project impacts as identified in the Initial Study/ Environmental Checklist. Explanations are provided for each item.

Aesthetics

Except as provided in Public Resources Code Section 21099, would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c) Substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the Project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☐	☒
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

3.1 Aesthetics

a) Would the Project have a substantial adverse effect on a scenic vista?

No impact. The City of Beaumont General Plan characterizes a potential adverse effect on a scenic vista to be an obstruction of distant or panoramic views of ridgelines from existing development, as a result of new development that visually degrades such views (Beaumont 2020a). According to the General Plan EIR, the City is located in the San Gorgonio Pass, with primary vistas of the San Gorgonio Mountains and San Bernardino Mountains to the north; the San Jacinto Mountains to the southeast; "Badlands" to the south, topographically characterized by deeply dissected ravines, with intervening ridgelines; and Mount Davis to the south (Beaumont 2020b).

The Project site is located mainly within the public right-of-way and partially on privately owned undeveloped and developed properties. The surrounding area is characterized by undeveloped/vacant land, an industrial pallet manufacturing facility, Union Pacific Railroad (UPRR) right-of-way, Interstate-10 Freeway overpass and a commercial retail center. The Project site does not contain any structures but does contain sections of existing sidewalk, utility poles and existing roadway and associated infrastructure. Views of the San Gorgonio Mountains and San Bernardino Mountains to the north and southeast are available from Pennsylvania Avenue. Development of the Project would not create additional obstructions to these existing viewsheds since it would not construct new buildings or structures at higher elevations than what is existing. The proposed roadway, sidewalk and associated storm water

infrastructure improvements would be low-lying features similar to existing conditions. Therefore, no impacts are anticipated, and no mitigation is required.

b) Would the Project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

No impact. The Project site is located at the junction of Pennsylvania Avenue and the I-10 Highway. The I-10 Highway is not designated as a State Scenic Highway (Caltrans 2021). The nearest State Scenic Highway to the Project site is Highway 243, located approximately 5 miles to the east according to review of the California Scenic Highway Mapping System (Caltrans 2021) and General Plan EIR Figure 5.1-4 (Beaumont 2020b). Therefore, the Project would not damage scenic resources within a state scenic highway. No impacts are anticipated, and no mitigation is required.

c) Would the Project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the Project conflict with applicable zoning and other regulations governing scenic quality?

No impact. The Project would construct roadway and sidewalk improvements that would generally be consistent with existing conditions. The visual character of the site would be enhanced from its current conditions with new asphalt pavement and the construction of frontage improvements, which include gutter and sidewalk installation along the west side of Pennsylvania Avenue. The Project would be compatible with the existing development in the project area and would not degrade the existing visual character or quality of the site and its surroundings. No impacts are anticipated and no mitigation is required.

d) Would the Project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less than significant impact. The Project would include installation of new street lighting fixtures for Pennsylvania Avenue, consistent with City roadway engineering standards. These light fixtures would provide increased visibility on the roadway at night for safety. Light fixtures would be sized, shielded and directed downward to avoid spillover effects to surrounding properties for compliance with the City of Beaumont's municipal code, Code of Ordinances Chapter 8.50.090 - Street Lighting Specifications, which establishes standards to reduce light pollution generated by outdoor lighting fixtures and devices. The Project would not construct buildings as part of the Project and, therefore, would not include structures that could cause substantial glare or night-lighting impacts. Potential permanent impacts to daytime and nighttime views would be less than significant.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources:

California Scenic Highway Mapping System (Caltrans 2021); City of Beaumont Municipal Code, Code of Ordinances (Beaumont 2021); General Plan EIR (Beaumont 2020b).

Agricultural and Forest Resources

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board (CEQA 2021). – Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing agricultural zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☒	☐

3.2 Agricultural and Forest Resources

a) Would the Project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No impact. According to the California Department of Conservation (CDC) Farmland Mapping and Monitoring Program California Important Farmland Finder, the Project site is located on land classified as Urban and Built-up Land and Farmland of Local Importance (CDC 2021). The Project site would not

be located on or encroach upon Prime Farmland, Unique Farmland, or Farmland of Statewide Importance also based on review of the General Plan EIR Figure 5.2-1 (Beaumont 2020b). The Project site exists mainly within the existing road right-of-way and only minor right-of-way encroachment into Farmland of Local Importance would occur at the southern stretch of the Project's proposed road/sidewalk limits. No existing or planned farming operations occur in these locations. Therefore, no impacts to Farmland would occur, and no mitigation is required.

b) Would the Project conflict with existing agriculture zoning for agricultural use, or a Williamson Act contract?

No impact. The Project site is not located on land designated or zoned for agricultural use pursuant to the General Plan EIR, Figure 3-4 Land Use Plan and Figure 3-8 Zoning Map. The land use designation/zoning for the Project site is Downtown Mixed Use/6th Street Mixed-Use, Industrial/Manufacturing, and General Commercial/Community Commercial with TOD Overlay, respectively (Beaumont 2020b). Adjacent land is characterized by vacant parcels, an industrial pallet manufacturing company and commercial buildings. The Project site is also not zoned for agricultural use or subject to a Williamson Act contract pursuant to the General Plan EIR Figure 5.2-2 and Figure 5.2-3, respectively (Beaumont 2020b). Therefore, no impacts would occur, and no mitigation is required.

c) Would the Project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

No impact. As previously discussed, the land use designation/zoning for the Project site and adjacent parcels is for street right-of-way and a combination of mixed-use, industrial, manufacturing and commercial development (Beaumont 2020b). The Project site is not located on or adjacent to land designated for forest land, timberland, or timberland zoned timberland production. No impact would occur, and no mitigation is required.

d) Would the Project result in the loss of forest land or conversion of forest land to non-forest use?

No impact. The Project site is not located on forest land and does not contain forest or timber resources. The nearest such designated resource is the San Bernardino National Forest located over three miles to the northeast (Google Earth 2020). No impact would occur, and no mitigation is required.

e) Would the Project involve other changes in the existing environment, which due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?

Less than significant impact. The Project site neither contains forest land nor forest resources as previously discussed. The Project site exists mainly within the existing road right-of-way and only minor right-of-way encroachment into CDC designated Farmland of Local Importance would occur at the

southern stretch of the Project's proposed road/sidewalk limits. No existing or planned farming operations occur in these locations. Therefore, potential impacts would be less than significant, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

California Important Farmland Finder, Farmland Mapping and Monitoring Program (CDC 2021); General Plan EIR (Beaumont 2020b); Google Earth (Google 2021).

Air Quality

Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. – Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☐	☒
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
d) Result in other emissions (such as those leading to odors adversely affecting a substantial number of people)?	☐	☐	☒	☐

3.3 Air Quality

The findings in this section are drawn from the Air Quality and Greenhouse Gas Study prepared for the Project by Entech Consulting Group (Entech) in January 2021 (Appendix B). Anticipated temporary construction pollutant emissions were modeled using the California Emissions Estimator Model (CalEEMod). The Project is not expected to generate any mobile trips and is intended to improve the level of service (LOS) conditions of the Project roadway segment; therefore, no permanent operational-source emissions were modeled (Entech 2021).

a) Would the Project conflict with or obstruct implementation of the applicable air quality plan?

No impact. The South Coast Air Quality Management District (SCAQMD) is responsible for developing and adopting an Air Quality Management Plan (AQMP), which serves as guidance to bring the region into compliance with federal and state air quality standards. The plan includes rules to reduce emissions from various sources, including specific equipment, industrial processes, paints, solvents, and other consumer products. The SCAQMD is directly responsible for reducing emissions from stationary, mobile, and indirect sources. It has responded to this requirement by preparing a sequence of AQMPs. The SCAQMD Board adopted the Final 2016 Air Quality Management Plan on March 3, 2017, and its adoption by California Air Resources Board (CARB) occurred on March 23, 2017.

The SCAQMD and Southern California Association of Governments (SCAG) are responsible for preparing the AQMP, which addresses federal and state Clean Air Act (CAA) requirements. The AQMP details goals, policies, and programs for improving air quality in the South Coast Air Basin (SCAB), which is where the Project is located. For purposes of analyzing consistency with the AQMP, if the Project would result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP, then the Project would conflict with the AQMP. On the other hand, if the Project demonstrates no increase in violations or worsening of air quality, then the Project would not conflict with SCAQMD's attainment plans or the AQMP. California Ambient Air Quality Standards (CAAQS) and National Ambient Air Quality Standards (NAAQS) violations would occur only if regional significance thresholds or localized significance thresholds are exceeded.

As part of the Project's mass daily regional threshold analysis and Localized Significance Threshold (LST) analysis presented in the Air Quality and Greenhouse Gas Study (and summarized in Section 3.3 b) of this IS/MND, neither the mass daily regional thresholds nor the LST thresholds for the SCAB would be exceeded. Therefore, the Project is determined to be consistent with the SCAQMD AQMP, and no mitigation is required.

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard?

Less than significant impact. The Project would generate temporary air pollutant emissions during construction, primarily from diesel combustion equipment, fugitive dust and worker vehicle exhaust traveling to and from the Project site. Similar to existing conditions, permanent or long-term operational emissions would continue to result from on-road automobiles traveling through the Project site along Pennsylvania Avenue during operation of the facility. The Project is not expected to generate any mobile trips and is intended to improve the LOS conditions of the Project roadway segment; therefore, no permanent operational-source emissions were modeled (Entech 2021a).

The City of Beaumont has not developed specific air quality thresholds for evaluating air quality impacts. However, as stated in Appendix G of the CEQA Guidelines, the applicable air quality management or air pollution control district's significance criteria may be relied upon to make significance determinations. As such, the significance thresholds and analysis methodologies in SCAQMD's CEQA Air Quality Handbook were used in evaluating the Project impacts (Entech 2021a).

The SCAQMD has established daily mass thresholds for regional pollutant emissions and LSTs for localized pollutant emissions, which are shown below in Table 2 and Table 3. SCAQMD includes thresholds for the following pollutants: Oxides of Nitrogen (NOx), Reactive Organic Gases (ROG) or

Volatile Organic Compounds (VOC)[1], Particulate Matter of 10 Microns or Less in Diameter (PM_{10}), Particulate Matter of 2.5 Microns or Less in Diameter ($PM_{2.5}$), Oxides of Sulfur (SOx), Carbon Monoxide (CO), and Lead. As Lead has been well below regulatory thresholds for decades, and the Project is not a Lead contributing source, Lead is not discussed further in this analysis (Entech 2021a).

The Project is located in the SCAB. The SCAB is a non-attainment area under the CAAQS for the following pollutants: PM_{10}, $PM_{2.5}$ and ozone (O_3). The SCAB is a non-attainment area under the NAAQS, also for $PM_{2.5}$ and O_3. Project impacts would be considered significant under CEQA if the anticipated emissions exceed either the mass daily regional thresholds or the LSTs presented in Table 2 and Table 3, respectively.

Mass Daily Regional Significance Thresholds

Construction activities would generate CO, ROG, NOx, SOx, PM_{10}, and $PM_{2.5}$ for a duration of approximately 8 months. Construction activity, equipment-type, and duration of each phase were based on information provided by the City's engineering consultant and defaults from the CalEEMod model. The construction schedule is assumed to represent a "worse case" analysis scenario of daily emissions. The anticipated emissions during construction are presented in Table 2. During construction, SCAQMD Rules require standard best available control measures (BACM) to be incorporated during construction and are not considered mitigation as they are standard regulatory requirements. These standard procedures include but are not limited to compliance with: Rule 1403 (Asbestos), Rule 1113 Architectural Coatings, Rule 431.2 (Low Sulfur Fuel), Rule 403 Fugitive Dust, and Rule 1186/1186.1 Street Sweepers. These BACMs are factored into the analysis presented in Table 2 and Table 3.

Table 2. Regional Construction Emissions of Maximum Daily Emissions (lbs/day)

Pollutants	CO	NOx	ROG	SOx	PM_{10}[1]	$PM_{2.5}$
Summer Emissions	21.87	41.32	3.66	0.05	2.70	12.4
Winter Emissions	21.94	41.32	3.66	0.05	2.62	12.4
SCAQMD Thresholds	550	100	75	150	150	55
Exceeds Threshold	No	No	No	No	No	No

Source: Air Quality and Greenhouse Gas Study, Table 8 (Appendix B of this IS/MND).
[1] SCAQMD Rule 403 applied for dust control.

[1] Both ROGs and VOCs refer to compounds of carbon. ROG is a term used by CARB and is identified based on a list of carbon compounds that exempts carbon compounds determined by CARB to be non-reactive. VOC is a term used by the United States Environmental Protection Agency (USEPA) and is identified based on USEPA's separate list of exempted compounds it identifies as having negligible photochemical reactivity.

As shown in Table 2, Project construction emissions would not exceed the applicable SCAQMD regional emission thresholds of significance for any pollutant. Implementation of Rule 403 would further reduce emissions to less than significant levels. Therefore, temporary impacts would be less than significant, and no mitigation is required.

The Project is not expected to generate any mobile trips and is intended to improve the LOS conditions of the Project roadway segment; therefore, no permanent operational-source emissions were modeled (Entech 2021a). No substantive change in operational emissions compared to existing conditions are anticipated. Potential permanent operational impacts would be less than significant, and no mitigation is required.

Localized Significance Thresholds

The SCAQMD has developed LSTs that represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standards and thus would not cause or contribute to localized air quality impacts. LSTs are developed based on the pollutant's ambient concentrations for each of the 38 source receptor areas (SRAs) in the SCAB. The localized thresholds found in the mass rate look-up tables in SCAQMD's Final Localized Significance Threshold Methodology document were developed for use on less than or equal to 1-acre in size have a disturbance of less than or equal to 1 acre daily. LSTs are only applicable to the following criteria pollutants: NOx, CO, PM_{10}, and $PM_{2.5}$ (Table 3). The construction and operational LSTs for a 5-acre site in SRA 29 (Banning Airport) at a distance of approximately 189 feet from a sensitive receiver were used to evaluate the Project's localized air quality impacts.

The worst-case emissions from CalEEMod on-site emission results for the most intensive construction stages (i.e. site preparation and grading) were compared to LST values for a 2-acre site to provide a conservative evaluation. Therefore, if the Project's emissions would not exceed the applicable LSTs for a 2-acre site, then the Project impacts would not be significant. Table 3 identifies the unmitigated localized impacts at the nearest receptor location to the Project.

Table 3. Unmitigated Localized Construction Emissions of Maximum Daily Emissions (lbs/day)

Pollutants	NOx	CO	PM_{10}[1]	$PM_{2.5}$[1]
2020 Site prep Total	19.92	11.27	0.10	0.05
2021 Site prep Total	18.29	10.75	0.10	0.05
2020 Grading Total	21.34	9.94	2.34	1.33
2021 Grading Total	20.21	9.76	2.34	1.33
Total	79.76	41.72	4.88	2.76
SCAQMD Thresholds	265	2,049	32	4
Exceeds Threshold	No	No	No	No

Source: Air Quality and Greenhouse Gas Study, Table 9 (Appendix B of this IS/MND).
[1] SCAQMD Rule 403 applied for dust control.

As shown in Table 3, Project construction emissions would not exceed the applicable SCAQMD LSTs. Therefore, temporary impacts would be less than significant, and no mitigation is required.

The Project is not expected to generate any mobile trips and is intended to improve the LOS conditions of the Project roadway segment; therefore, no permanent operational-source emissions were modeled (Entech 2021a). No substantive change in operational emissions compared to existing conditions are anticipated. Potential permanent operational impacts would be less than significant, and no mitigation is required.

Cumulative Impacts

Cumulative impacts may result from individually minor but collectively significant projects. SCAQMD has developed a policy to address the cumulative impacts of CEQA Projects. The policy holds the cumulative threshold to be the same as the project-level threshold and indicates that project impacts are cumulatively considerable if they exceed the project-specific air quality significance thresholds. For this Project, impacts are considered less than significant as evaluated in Table 2 and Table 3 above. Therefore, a less than significant cumulative impact would occur since Project emissions would not exceed SCAQMD's thresholds. Mitigation is not required.

c) Expose sensitive receptors to substantial pollutant concentrations?

Less than significant impact. The potential impact of project-generated air pollutant emissions at sensitive receptors has also been considered. Sensitive receptors can include uses such as long-term health care facilities, rehabilitation centers, and retirement homes. Residences, schools, playgrounds, child care centers, and athletic facilities can also be considered sensitive receptors.

The LST analysis results indicate that the Project would not exceed the SCAQMD localized significance thresholds during construction (Table 3). Therefore, sensitive receptors would not be subjected to a significant air quality impact during construction. Potential impacts would be less than significant, and no mitigation is required.

The Project would also not result in a CO "hot-spot" due to Project-related traffic during temporary construction or permanent operations, nor would the Project result in a significant adverse health impact. An adverse CO concentration, known as a "hot spot," would occur if an exceedance of the state one-hour standard of 20 parts per million (ppm) or the eight-hour standard of 9 ppm were to occur. At the time of the 1993 Handbook, the SCAG was designated nonattainment under the CAAQS and N AAQS for CO. It has long been recognized that CO hot-spots are caused by vehicular emissions, primarily when idling at congested intersections. However, vehicle emissions standards have become increasingly stringent in the last twenty years. Currently, California's allowable CO emissions standard is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of older vehicles, the introduction of cleaner fuels, and the implementation of

increasingly sophisticated and efficient emissions control technologies, CO concentration in the SCAB is now designated as attainment. Also, CO concentrations in the project vicinity have steadily declined. Similar considerations are also employed by other Air Districts when evaluating potential CO concentration impacts. More specifically, the Bay Area Air Quality Management District concludes that under existing and future vehicle emission rates, a given project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour- or 24,000 vehicles per hour where vertical and/or horizontal air does not mix-in order to generate a significant CO impact. The Project would not produce this volume of traffic required to create a CO "hot spot." For the Project buildout under cumulative conditions, the highest daily volume would be 9,461, which is lower than the representative Bay Area Air Quality Management District threshold. Therefore, CO "hot-spots" are not an environmental impact of concern for the Project. Localized air quality impacts related to mobile-source emissions would, therefore, be less than significant, and no mitigation is required.

d) Would the Project result in other emissions (such as those leading to odors adversely affecting a substantial number of people)?

Less than significant impact. Odors generated by construction activities are required to comply with SCAQMD Rule 402 to prevent odor nuisances on sensitive land uses. During construction, emissions from construction equipment, such as diesel exhaust, and VOCs from architectural coatings and paving activities may generate odors. However, these odors would be temporary and are not expected to affect a substantial number of people. Therefore, potential impacts resulting from construction would be less than significant, and no mitigation is required.

The SCAQMD Air Quality Handbook identifies the following uses as having potential odor issues: wastewater treatment plants, food processing plants, agricultural uses, chemical plants, composting, refineries, landfills, dairies, and fiberglass moldings. The Project does not propose any of these uses, therefore, no permanent operational impacts would occur, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

Air Quality and Greenhouse Gas Analysis (Entech 2021a).

Biological Resources

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☒	☐	☐
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☒	☐	☐
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☒	☐	☐

3.4 Biological Resources

The analysis and findings presented in this section are based on the Project's Biological Resource Assessment Jurisdictional Delineation and Multiple Species Habitat Conservation Plan (MSHCP) Consistency Analysis, collectively referred to as "Biological Technical Reports" (Jericho 2020a and Jericho 2020b). The Biological Technical Reports were prepared by Jericho Systems, Inc. (Jericho) in October 2020 (Appendix C of this Initial Study). The Biological Technical Reports included a review of relevant available literature and databases including the California Natural Diversity Database (CNDDB), California Native Plant Society (CNPS), United States Fish and Wildlife Service (USFWS) federally

designated critical habitat maps, National Wetlands Inventory (NWI), Natural Resource Conservation Service (NRCS) Soil Survey, Environmental Protection Agency (EPA) Water Program, Stephen's Kangaroo Rat Habitat Conservation Plan, Western Riverside County Regional Conservation Authority (RCA) Western Riverside Multiple Species Habitat Conservation Plan (MSHCP), 2006 Burrowing Owl Survey Instructions, and other pertinent maps, scientific literature, and websites. The literature and database review were followed by a field survey of the Project site on June 15, 2018 and July 31, 2018. The purpose of the field survey was to assess the existing habitat, assess the presence or absence of onsite sensitive plant communities and jurisdictional waters, and to determine whether special status plant or wildlife species occur or could potentially occur within the Project site. Due to differences in habitat types, the Project site biological evaluation was separated into two different habitat segments; the area between 6th street and the UPRR tracks (Segment 1) and UPRR tracks to 1st Street (Segment 2).

a) Would the Project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?

Less than significant with mitigation. Within Segment 1, the Project site and adjacent land primarily consists of bare earth, some ruderal and non-native vegetation, and scattered ornamental trees. Within Segment 2, the Project site and adjacent land primarily consists of tall grasses and invasive shrubs. According to the Biological Technical Reports, no sensitive plants or wildlife were identified during surveys and none are expected to occur based on site conditions and lack of suitable habitat needed to support such species. Please see Figure 4 for results of the CNDDB search and Figure 5 shows the MSHCP vegetation map.

Wildlife observed within Segment 1 were limited to typical urban species, and included house sparrow (*Passer domesticus*), house finch (*Haemorhous mexicanus*), mourning dove (*Zenaida macroura*), and western fence lizard (*Sceloporus occidentalis*). Other species expected to occur in this segment include raccoon (*Procyon lotor*), coyote (*Canis latrans*), and rock dove (*Columba livia*). In Segment 2, wildlife observed included black phoebe (*Sayornis nigricans*), mourning dove (*Zenaida macroura*), red-tailed hawk (*Buteo jamaicensis*), Anna's hummingbird (*Calypte anna*), killdeer (*Charadrius vociferus*), house finch (*Haemorhous mexicanus*), California towhee (*Melozone crissalis*), and bushtit (*Psaltriparus minimus*). Wildlife detections or signs included those for reptiles, birds, and mammals. The most common wildlife sign observed included coyote (*Canis latrans*), desert cottontail (*Sylvilagus audubonii*), and side-blotched lizard (*Uta stansburiana elegans*). Only common animal species associated with urban environments could inhabit the Project alignment in either Segment 1 or Segment 2.

Only the hardiest of plant species, tolerant of high levels of disturbance could inhabit the Project alignment in either Segment 1 or Segment 2. Plant species observed in Segment 1 included California pepper tree (*Schinus molle*), gum tree (*Eucalyptus* ssp), telegraph weed (*Heterotheca grandiflora*),

twiggy wreath plant (*Stephanomeria virgata*), short-podded mustard (*Hischfeldia incana*), tocalote *(Centaurea melitensis*), non-native grasses (*Bromus* ssp.) and wild oat (*Avena barbata*). In Segment 2, the vacant areas contain primarily tall grasses and invasive shrubs, except for some vegetation growing along two drainages on the east side of Pennsylvania Avenue. Along the initial flow area near the outlets of the UPRR tracks, some riparian vegetation was present, including tree of heaven (*Ailanthus altissima*) and rushes (*Cyperaceae)*, present within and along the banks of the drainage. Habitat and vegetation present included primarily non-native grasses and five eucalyptus trees along the western edge of Pennsylvania Avenue. There are two large drainages in Segment 2, which appear to have jurisdictional waters, but they are not expected to support candidate, sensitive or special status species based on their low-quality habitat value. Potential impacts to jurisdictional waters are discussed below under Section 3.4(b) and 3.4(c). Based on the findings of the Biological Technical Reports, no direct or indirect temporary or permanent impacts to candidate, sensitive or special status species would occur due to their absence from the Project site, and no mitigation is required (Jericho 2020a and 2020b).

As part of compliance with the MSHCP, a burrowing owl habitat suitability assessment was conducted in accordance with the Western Riverside County MSHCP (Jericho 2020b). Burrowing owl are not listed in the state or federal Endangered Species Act but are a USFWS bird of conservation concern (BCC) and California Species of Special Concern (SSC). Per the literature review, burrowing owl have not been documented in the immediate site vicinity but were documented in 2006, 3.8 miles southeast of the Project alignment. Neither segment of the Project alignment or immediate vicinity contain suitable habitat for this species. No burrowing owl individuals or sign (i.e., pellets, feathers or white wash) were observed on site during the survey conducted on June 15, 2018, and the site does not exhibit habitat elements and structure that can support burrowing owl. While both segments of the Project alignment do contain areas of short, sparse vegetation and contain well-drained, friable soils, no burrows of appropriate size and aspect were observed within or adjacent to the Project alignment. Based on the findings of the Biological Technical Reports, no direct or indirect temporary or permanent impacts to burrowing owl would occur due to their absence from the Project site. Although no temporary or permanent impacts are anticipated, a potential temporary impact could occur if Project construction were to disturb a burrowing owl that has since occupied an active construction area. To avoid the chance of disturbing burrowing owl, avoidance measure **AM BIO-1** would require a preconstruction survey and additional avoidance measures should burrowing owl be detected prior to construction. Implementation of **AM BIO-1** would reduce potential impacts to less than significant.

b) Would the Project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations, or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?

Less than significant with mitigation. There is no agency-designated critical habitat within the Project site. According to the Biological Technical Reports, no sensitive plant or vegetation communities were identified during surveys and none are expected to occur. Vegetation within the Project site primarily

includes some ruderal and non-native vegetation, scattered ornamental trees, tall grasses, and invasive shrubs.

None of the plant species observed are sensitive species but riparian/riverine habitat in the drainage area would be subject to the Fish and Game Code (FGC) under the jurisdiction of the California Department of Fish and Wildlife (CDFW) and be considered a riverine/riparian area under the MSHCP.

There are no features within the Project site that are dominated by riparian trees, shrubs, or emergent vegetation. However, some rushes are present near the box culverts immediately south of the UPRR tracks, and these drainage features connect to a larger drainage on the vacant lot to the east of the Project alignment. Due to the immediate connectivity of the drainages to a larger riverine/riparian area and the presence of some riparian vegetation, riverine/riparian resources are considered present on the Project site, and the Project would impact portions of this resource. Figure 6 shows the location of these drainage features and Table 4 summarizes the temporary and permanent Project impacts.

Table 4. Impacts to Riverine/Riparian Areas and State Jurisdictional Waters within the Project Alignment

Feature	Length (feet)	Riverine/Riparian Areas / FGC 1600 CDFW / Porter Cologne RWQCB Jurisdiction[1]	
		Temporary Impact (acres)	Permanent Impact (acres)
Drainage A	145	0.15	0.075
Drainage B	90	0.09	0.50
Total		0.24	0.125

Source: Biological Resource Assessment Jurisdictional Delineation, Table 2 (Jericho 2020)
[1] Due to federal 2020 guidance that ephemeral streams are not Waters of the United States, no USACE jurisdiction or USACE permitting requirements are anticipated.

If all impacts to riparian/riverine habitat cannot be avoided during final design, Section 6.1.2 of the MSHCP identifies that a Determination of Biologically Equivalent or Superior Preservation (DBESP), essentially a mitigation plan, must be prepared and submitted to the Wildlife Agencies (a division of USFWS and the CDFW) to ensure replacement of any lost functions and values of habitat as it relates to Covered Species. Impacts to these riparian/riverine resources may also require additional regulatory review/permitting by the United States Army Corps of Engineers (USACE), Regional Water Quality Control Board (RWQCB), and/or CDFW if the resources meet the definition of jurisdictional Waters of the United States or Waters of the State. Mitigation Measure **MM BIO-2** would require the preparation and implementation of a DBESP for impacts to riparian/riverine resources and require obtaining all required regulatory agency permits for any impacts to Waters of the United States or Waters of the State prior to activities within jurisdictional areas. Implementation of **MM BIO-2** would reduce both temporary and permanent impacts to less than significant.

c) Would the Project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

Less than significant with mitigation. The Project site was assessed for state and federal jurisdictional waters that are subject to Sections 401 and 404 of the Clean Water Act through the USACE and the RWQCB, Porter-Cologne, Section 1602 of the FGC administered by the CDFW, and Riverine/Riparian and Vernal Pool habitat subject to Section 6.1.2 of the MSHCP. Jurisdictional resources subject to the Clean Water Act (CWA) regulations include non-wetland waters and wetland Waters of the United States, whereas jurisdictional resources subject to Porter-Cologne include non-wetland waters and Waters of the State. No wetlands meeting the USACE's three parameters occur in the Project site. The three required parameters, hydrophytic vegetation, hydric soils and/or wetland hydrology, are not all present based on the absence of hydric soil indicators and/or wetland hydrology.

All indicators for vernal pools are absent from the Project site. There are no depressional features that could develop vernal pools or support vernal pool species. The soils on site are well-drained sandy loams, which do not support the formation of vernal pools. Further, there is no historical, biological, or hydrological evidence that would indicate the historic presence of vernal pools on this site.

Two unnamed ephemeral drainages, Drainage A and Drainage B, were identified within the Project site, south of the UPRR tracks/I-10 that would meet the definition of Waters of the State (Figure 6). Since they meet the definition of being a state streambed water, they also meet the criteria for being a riverine/riparian area under the MSHCP. These drainages, however, are not subject to the federal CWA under the 2020 guidance as they are ephemeral and therefore excluded from federal jurisdiction. Therefore, impacts to federal jurisdictional Waters of the United States under the CWA would not occur.

Drainage A and Drainage B both have a definable bed and bank and Drainage A also supports rushes (Cyperaceae), which is restricted to the streambed and absent from the surrounding upland habitat. Therefore, given that these drainages have a definable bed and bank and support some riparian associated vegetation (in Drainage A), they both would be subject to the FGC under the jurisdiction of the CDFW and be considered a riverine/riparian area under the MSHCP. Drainages A and B are also considered jurisdictional under the Porter Cologne as a State Streambed Water. The Project could result in up to approximately 0.24 acres of temporary impacts or 0.125 acres of permanent impacts to these riverine/riparian areas and state jurisdictional waters (Table 4). Impacts to state and MSHCP jurisdictional waters would require preparation and implementation of a Wildlife Agency DBESP, a CDFW issued Lake and Streambed Alteration Agreement (1600) permit, and a RWQCB Waste Discharge Requirement (WDR) permit. These approvals and permits are standard requirements for temporary and permanent impacts to jurisdictional waters.

Mitigation Measure **MM BIO-2** would require the preparation and implementation of a DBESP for impacts to riparian/riverine resources and require obtaining all required regulatory agency permits for

any impacts to Waters of the State prior to activities within jurisdictional areas. Implementation of **MM BIO-2** would reduce both temporary and permanent impacts to less than significant.

d) Would the Project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Less than significant impact. Habitat linkages provide links between larger undeveloped habitat areas that are separated by development. Wildlife corridors are similar to linkages but provide specific opportunities for animals to disperse or migrate between areas. A corridor can be defined as a linear landscape feature of sufficient width to allow animal movement between two comparatively undisturbed habitat fragments. Adequate cover is essential for a corridor to function as a wildlife movement area. It is possible for a habitat corridor to be adequate for one species yet inadequate for others. Wildlife corridors are significant features for dispersal, seasonal migration, breeding, and foraging. Additionally, open space can provide a buffer against both human disturbance and natural fluctuations in resources.

The Project alignment is not considered an established wildlife movement corridor or nursery site for native or migratory wildlife, because the area does not connect two or more significant habitat areas and it is not a major feature influencing the local plant and small mammal communities. The Project would not create any shift in habitat use by wildlife, alter population dynamics, or change the local species compositions. Therefore, the Project would not interfere substantially with the movement of any native resident or migratory fish or wildlife species through the Project site. Potential temporary and permanent impacts would be less than significant and mitigation is not required.

The Project site does support suitable habitat for nesting birds, such as trees and shrubs. The Migratory Bird Treaty Act (MBTA) prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the United States Fish and Wildlife Service. Potential impacts to MBTA covered birds could occur if ground disturbance or vegetation trimming or removal occurs during nesting bird season (typically considered in Southern California as February 1 through September 15). As standard practice for most projects, the Project would require pre-construction nesting bird surveys and additional avoidance measures to minimize the potential for impacts to MBTA covered nesting birds should they be detected. This requirement is included in avoidance measure **AM BIO-3**. Implementation of **AM BIO-3** would reduce the potential for impacts to less than significant.

e) Would the Project conflict with any local policies or ordinance protecting biological resources, such as a tree preservation policy or ordinance?

No impact. The Project site contains some scattered ornamental trees; however, the City of Beaumont does not maintain a local policy or ordinance for the protection of trees located on private property. Therefore, any tree-trimming or removal required in these areas would not be subject to City protections

or require special authorization. Any tree removal required within City right-of-way would be done in compliance with the municipal code, Code or Ordinances Section 12.12.130 – Tree Removal (Beaumont 2021). There is no other biological resource associated with or protected by a local policy or ordinance occurring at the Project site. Therefore, no impacts would occur, and no mitigation is required.

f) Would the Project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

Less than significant with mitigation. The Project site is located within the western Riverside County MSHCP boundary. The Project site is not located within a criteria cell, public/quasi-public land. Figure 7 shows that a portion of the Project site lies within the MSHCP survey areas for burrowing owl, Marvin's onion, and many-stemmed dudleya. Table 5 below provides a summary of information related to Project consistency with the MSHCP.

Table 5. MSHCP Consistency Analysis

MSHCP Element/Requirements	Project Consistency
Criteria Cell/Cell Group	The Project site is not located within a MSHCP Criteria Area or Criteria Cell Group. No special Project requirements are needed for MSHCP consistency.
Habitat Management Unit	The Project site is located within the San Timoteo Habitat Management Unit and Badlands Habitat Management Unit. No requirements are imposed on the Project based on its presence in this habitat management unit.
Public/Quasi Public Conservation Land	The Project site is not located within Public/Quasi Public Conservation Land. No special Project requirements are needed for MSHCP consistency.
MSHCP Conservation Areas	The Project site is not located within or adjacent to MSHCP Conservation Areas. No special Project requirements are needed for MSHCP consistency.
Narrow Endemic Plants (*MSHCP Section 6.1.3*)	Part of Project site (Segment 2) is located within the Narrow Endemic Plant Species Survey Areas for both Marvin's onion and many-stemmed dudleya (Figure 7). However, both species require clay soils, a soil type not found at the Project site. Therefore, focused surveys are not required, no impacts would occur, and no mitigation is required. No special Project requirements are needed for MSHCP consistency.

MSHCP Element/Requirements	Project Consistency
Additional Species Surveys (including Burrowing Owl, Criteria Area Species, Amphibians, and Mammals) [*MSHCP Section 6.3.2*]	Part of the Project site (Segment 2) is in a burrowing owl survey area (Figure 7); however, the Step I Habitat Assessment did not identify any burrowing owls or suitable habitat at the Project site and therefore focused surveys are not required pursuant to the MSHCP. Although not required as part of the MSHCP, pre-construction surveys would be conducted under AM BIO-1 to avoid impacts to burrowing owls. The Project is not in an amphibian, criteria area, or mammal survey area. No special Project requirements are needed for MSHCP consistency.
Riparian/Riverine Resources (*MSHCP Section 6.1.2*)	Part of the Project site (Segment 2) is considered to have riparian/riverine areas. There are no vernal pools within the Project site. None of the riparian/riverine or vernal pool species identified in the MSHCP were observed on the Project site. Mitigation measure MM BIO-2 requires preparation of a DBESP (mitigation plan) for impacts to riparian/riverine areas. Implementation of MM BIO-2 ensure MSHCP consistency.
Guidelines Pertaining to Urban/ Wildlands Interface (*MSHCP Section 6.1.4*)	The Project site is not located adjacent to a MSHCP Conservation Area, therefore the guidelines pertaining to the Urban/Wildlands Interface are not applicable to this Project. No special Project requirements are needed for MSHCP consistency.
Source: Biological Technical Reports (Jericho 2020a and Jericho 2020b)	

The Project would be consistent with the MSHCP (Table 5). Since the Project site is located within the MSHCP boundary, the Project would be required to comply with applicable standard BMPs found in Appendix C of the MSHCP. Applicable BMPs include measures for locating equipment, storage and staging areas and for use of construction practices and materials to avoid or minimize impacts to species, water quality and sensitive areas. The complete list of applicable BMPs is noted in the attached Multiple Species Habitat Conservation Plan Consistency Analysis (Jericho 2020b), Appendix C of this IS/MND.

Implementation of standard MSHCP project BMPs and implementation of **AM BIO-1**, **MM-BIO-2**, and **AM BIO-3** would ensure consistency with the MSHCP and would reduce potential temporary and permanent impacts to less than significant.

Avoidance, Minimization and/or Mitigation Measures

The following mitigation measures would be implemented to avoid and/or minimize potential impacts and to reduce potential impacts to less than significant:

AM BIO-1 Prior to issuance of a grading permit, the applicant shall perform a preconstruction survey that shall be conducted within 30 days prior to ground disturbance to avoid direct take of burrowing owls. If the results of the survey indicate that no burrowing owls are present on-site, no additional measures are required. If burrowing owls are found to be present or nesting on-site during the

preconstruction survey, then the following recommendations must be adhered to: Exclusion and relocation activities may not occur during the breeding season, which is defined as March 1 through August 31, with the following exception: From March 1 through March 15 and from August 1 through August 31 exclusion and relocation activities may take place if it is proven to the Lead Agency and/or appropriate agencies (if any) that egg laying or chick rearing is not taking place. This determination must be made by a qualified biologist. This measure may be modified as necessary to meet conditions of any required regulatory permits.

MM BIO-2 Prior to work within riparian/riverine or other jurisdictional waters, the City shall obtain all required regulatory agency permits and approvals. If temporary and/or permanent impacts to riparian/riverine habitat cannot be avoided, a Determination of Biologically Equivalent or Superior Preservation (DBESP) shall be prepared pursuant to the Wildlife Agencies' requirements. The DBESP shall be submitted to the Wildlife Agencies for a 60-day review and response period. The City shall maintain a written record of determinations that shall be included in any required annual reporting documentation. The City or City's consultant shall also initiate the required pre-application requirements with the applicable regulatory agencies and obtain all required permits. Mitigation for impacts to riparian/riverine resources and jurisdictional waters shall either be completed through applicant sponsored mitigation, purchase of mitigation credits, or payment of in lieu fees to an agency approved entity or mitigation bank. A minimum replacement ratio of 1:1 shall be required for all permanent impacts. This measure may be modified as necessary to meet conditions of any required regulatory permits.

AM BIO-3 Bird nesting season generally extends from February 1 through September 15 in southern California and specifically, April 15 through August 31 for migratory passerine birds. In general, Projects should be constructed outside of this time to avoid impacts to nesting birds. If the Project cannot be constructed outside of nesting season, the project site shall be surveyed for nesting birds by a qualified avian biologist within five (5) days prior to initiating the construction activities. If active nests are found during the pre-construction nesting bird surveys, a Nesting Bird Plan will be prepared and implemented which at a minimum will include guidelines for addressing active nests, establishing buffers, monitoring, and reporting. The Nesting Bird Plan will include a copy of maps showing the location of all nests and an appropriate buffer zone around each nest sufficient to protect the nest from direct and indirect impact. The size and location of all buffer zones, if required, shall be determined by the biologist, and shall be based on the nesting species, its sensitivity to disturbance, and expected types of disturbance. The nests and buffer zones shall be field checked weekly by a qualified biological monitor. The approved buffer zone shall be marked in the field with construction fencing, within which no vegetation clearing or ground disturbance shall commence until the qualified biologist has determined the young birds have successfully fledged and a monitoring report has been submitted reviewed and approved by the City of Beaumont. This measure may be modified as necessary to meet conditions of any required regulatory permits.

Sources

Biological Resource Assessment Jurisdictional Delineation (Jericho 2020a); Multiple Species Habitat Conservation Plan Consistency Analysis (Jericho 2020b); Municipal Code, Code of Ordinances (Beaumont 2021).

Cultural Resources

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☐	☐	☒	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐
c) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☐	☒

3.5 Cultural Resources

The information and findings provided in this section are based on the Phase I Historical/Archaeological Resources Survey dated September 2018 and Addendum dated February 2021 (Cultural Report), which was prepared for the Project site by CRM TECH and is included in this IS/MND as Appendix D (CRM TECH 2018 and CRM TECH 2021b). The Cultural Report comprised the following research methods: historical/archaeological resources records search at the Eastern Information Center (EIC), historical background research, contact with Native American representatives, and an intensive-level field survey of the Project site.

The Project site is located within the San Gorgonio Pass area, which has long been part of the traditional homeland of the Cahuilla Indians, a Takic-speaking people who were primarily hunters and gatherers prior to European contact. The San Gorgonio Pass area has been known as a nexus for cross-desert travels dating back to ancient times. Most notable among early roads through the pass was the Cocomaricopa Trail, a Native American trading route connecting the coastal region of California to areas along the Colorado River. It was later renamed the Bradshaw Trail in 1862 and served as the main thoroughfare between the Los Angeles area and gold mines near present-day Ehrenberg, Arizona, until the completion of the Southern Pacific Railroad (SPRR) in 1876.

Settlement and land development increased in the 1880s, after the completion of the SPRR and the competing Santa Fe Railway facilitated a rapid land boom in southern California. In 1884, at the height of the land boom, a 320-acre townsite named San Gorgonio was established in what is now Beaumont. Beaumont was incorporated as a city in 1912 but retained much of its rural character until the onset of the current wave of residential and commercial development in the late 20th century. Development

generally within one mile of the Project followed a typical pattern for rural towns and communities established along railroad routes across southern California. In the late 1870s, the only man-made features reported in this area were the SPRR and a few trails (CRM TECH 2018 and CRM TECH 2021b).

Three of the roads in existence along the Project alignment today, Pennsylvania Avenue, 1st Street and 3rd Street, developed between 1897-1898 and 1939-1941, followed by 3rd Street during the 1940s or the early 1950s (CRM TECH 2018 and CRM TECH 2021b). Prior to the completion of the I-10 freeway in the 1960s, 6th Street served as a part of U.S. Route 60/70, the original Ocean-to-Ocean Highway from southern California to Virginia and North Carolina. By the early 1950s, the first buildings known to be along the Project alignment had also appeared on the east side of Pennsylvania Avenue between 6th Street and the SPRR.

a) Would the Project cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?

No impact. According to the Cultural Report, all four of the buildings noted in the 1950s have been removed, two of them evidently to make way for the construction of I-10. The existing car wash, adjacent to the Project site and located at 560 Pennsylvania Avenue, was built in 1965. The corner market to the north of the carwash, at 1201 East 6th Street, also outside of the Project boundary, was constructed around 1972. The commercial pallet and storage facility south of the freeway was developed gradually over the years, beginning sometime between 1967 and 1972, while the rest of the land along the Project alignment has evidently remained undeveloped. The Project proposes no alterations to existing buildings.

An SPRR line (33-009498) and Southern California Edison (SCE) power transmission line (33-023484) were observed during the field survey at their recorded locations as documented during previous cultural studies in the area. The former SPRR line at this location remains in daily use as a part of the Union Pacific Railroad system, mainly for freight transportation. Due to repeated upgrading and constant maintenance over the years, the existing railroad is completely modern in appearance (CRM TECH 2018 and CRM TECH 2021b). Associated features in the Project site include a metal utility cabinet and a pair of pole-mounted crossing signals. The SCE power transmission line runs along the north side of 1st Street to the west of Pennsylvania Avenue and the south side of 1st Street to the east, merging briefly with a north-south transmission line along Pennsylvania Avenue for the transition at the intersection. Observations during the field survey confirmed that the transmission line at this location was modern in appearance, material, and design as previously documented (CRM TECH 2018 and CRM TECH 2021b).

No structural remains or historic-period artifacts were found near the historic buildings that once stood in the 1950s near the Project site. Some scattered refuse was observed along either side of Pennsylvania Avenue, but all of the materials are modern in origin and none of them retains any historical/archaeological interest (CRM TECH 2018 and CRM TECH 2021b). The only other features encountered within or partially within the Project site that are more than 50 years of age were the existing roadways, namely Pennsylvania Avenue, 1st Street, 3rd Street, and 6th Street, all of them dating originally

to the early or mid-20th century. Like the former SPRR and the SCE power transmission line, the current configuration and appearance of these roads reflect many years of gradual alterations during the modern era and are no longer historical in character.

As the result of extensive modern alterations, none of the features discussed above demonstrate any particularly historical characteristics in their current configuration. Therefore, none of them constitutes a potential "historical resource" that warrants formal evaluation. The SPRR and the SCE power transmission line, were previously recorded into the California Historical Resources Inventory as parts of Site 33-009498 and Site 33-023484, respectively. However, Site 33-023484 was determined not to be eligible for listing in the California Register of Historical Resources, as were various segments of the SPRR in similar conditions. At the locations where they cross the Project site, both features are essentially modern in appearance, and neither retains any distinctly historical characteristics to contribute to the potential significance or integrity of the recorded sites. Therefore, no impacts would result from Project modification of these features and no mitigation is required.

b) Would the Project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

Less than significant with mitigation. According to EIC records, the Project site had not been surveyed systematically for cultural resources prior to the Cultural Report study, although a 1988 linear survey for a fiberoptic cable project followed the Union Pacific Railroad alignment across the Project site and two other linear surveys completed in 2013 and 2015 covered a power transmission line corridor along 1st Street (CRM TECH 2018 and CRM TECH 2021b). Outside the Project site but within a one-mile radius, EIC records show roughly 40 additional studies on various tracts of land and linear features, which collectively covered about a third of the land within the scope of the records search.

As a result of these and other similar studies, 150 historical/archaeological sites have been recorded within the one-mile radius. Only one of the 150 sites was of prehistoric—i.e., Native American— origin, consisting of a small lithic scatter (33-004038) recorded about a half-mile south of 1st Street. All the other sites dated to the historic period. Among these, two were linear features recorded as lying across the Project site, namely the Southern Pacific Railroad (33-009498/CARIV- 6381H) and the power transmission line along 1st Street (33-023484). As discussed above in Section 3.5.a, these features have been modernized and are not eligible for listing in the California Register of Historical Resources. The remaining 147 sites recorded within the scope of the records search were predominantly buildings in the downtown Beaumont area, numbering 143 in total. Also recorded within the scope was another power transmission line along State Route 79 (Beaumont Avenue), a wagon trail, a structural foundation, and a small segment of 1st Street where it crosses State Route 79, approximately 0.6 mile west of the Project site. None of these 147 sites was found in the immediate vicinity of the Project site.

Based on results of the Cultural report and level of disturbance at the Project site, the Project site does not appear to be particularly sensitive for buried archaeological remains (CRM TECH 2018 and CRM TECH 2021b). Nonetheless, minimization measure **MM CUL-1** would require the Project to retain a qualified archeologist to be on-call in the event of an unanticipated archeological discovery during site earthwork. Implementation of **MM CUL-1** would reduce the potential for impacts to less than significant.

c) Would the Project disturb any human remains, including those interred outside of formal cemeteries?

No impact. No human remains are known to exist at the Project site and therefore no impacts are expected to occur; however, should human remains be discovered during ground disturbance, the City/Contractor would be required to follow all standard protocols and regulations required of any project that uncovers human remains. To comply with State Health and Safety Code Section 7050.5, if human remains are encountered, the County Coroner must be notified of the find immediately. No further disturbance would occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code (PRC) Section 5097.98. If the remains are determined to be Native American, the Coroner would notify the Native American Heritage Commission, which would determine and notify a Most Likely Descendant (MLD). The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

Avoidance, Minimization and/or Mitigation Measures

The following minimization measure would be implemented to reduce potential impacts to less than significant:

MM CUL-1 Archeological Resources. Prior to issuance of a grading permit or construction permit (requiring earthwork), the City shall verify that the name and contact information of an on-call archeological monitor meeting Secretary of Interior standards is included in the resident engineer file or on the construction plans along with the following note: "In the event that an archeological cultural resource or Native American cultural resource is discovered during project activities, all earthwork within a 50-foot buffer shall cease and the qualified archaeologist shall be notified immediately to assess the find. Work on other portions of the project outside of the buffer area may continue during this assessment period. If the resource is determined by the archeologist to not be Native American, the archeologist shall make recommendations to the Lead Agency on the measures that shall be implemented to protect the discovered resource(s). In accordance with Section 15064.5 of the CEQA Guidelines, such measures may include but are not limited to avoidance, excavation of the finds, collection, evaluation of the materials, additional testing, relocation, and curation. If the resource is determined by the archeologist to be Native American, the San Manuel Band of Mission Indians will be contacted, provided information about the resource, and be permitted/invited to perform a site visit when the archaeologist makes their assessment, so as to provide Tribal input.

Sources

Phase I Historical/Archaeological Resources Survey and Addendum to Phase I Historical/Archaeological Resources Survey (Cultural Report) (CRM TECH 2018 and CRM TECH 2021b).

Energy

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☐	☒
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☒

3.6 Energy

a) Would the Project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

No impact. The Project proposes to widen the existing Pennsylvania Avenue consistent with the General Plan Figure 4.2 circulation element roadway classification as a Major Highway (Beaumont 2020a). Temporary construction activities would require use of fossil fuels to operate equipment, but no unusual circumstances are anticipated that would result in the wasteful consumption of such fuels. Once construction is complete, Pennsylvania Avenue would continue to function as a roadway with a negligible or no permanent operational change in energy consumption compared to existing conditions. In addition, level of service along Pennsylvania Avenue is anticipated to improve with increased roadway capacity and reduced traffic, which may result in less vehicle fuel consumption traveling through the Project limits. No wasteful, inefficient, or unnecessary consumption of energy resources is anticipated, and no mitigation is required.

b) Would the Project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

No Impact. The Project would be constructed consistent with the General Plan circulation element roadway classifications (Beaumont 2020a). The Project would not conflict with or obstruct renewable energy or efficiency requirements for construction equipment used to build the Project or vehicles using the completed Project, which are regulated at the state-level. Based on the nature of the proposed Project, no temporary or permanent impacts are anticipated, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

General Plan (Beaumont 2020a).

Geology and Soils

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a Known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☒	☐
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☐	☒
iv) Landslides?	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☐	☒
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994 or most current edition), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

3.7 Geology and Soils

a) Would the Project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Less than significant impact. Pursuant to the General Plan EIR Figure 5.6-4 Faults and Fault Zones, the Project is approximately 1 mile to the north and east of the Alquist-Priolo Beaumont Plain Fault Zone (Beaumont 2020b). Temporary construction activities within the Project site would be typical in nature and not pose an unusual or substantial risk to temporary construction workers should an earthquake occur. In addition, the Project does not propose the construction of tall or habitable structures that could be at permanent risk if located along a fault zone. The Project only proposes widening of an existing road and associated improvements that would be designed to comply with current engineering standards. Both potential temporary and permanent impacts would be less than significant, and no mitigation is required.

ii) Strong seismic ground shaking?

Less than significant impact. Beaumont is a seismically active area located at the junction of the Transverse Ranges and Peninsular Ranges (Beaumont 2020a). The possibility of adverse effects from Project construction or operations is considered low since active faults are not known to cross the site. In addition, the Project does not propose the construction of tall or habitable structures that could be at risk during seismic ground shaking. The Project only proposes widening of an existing road and construction of associated sidewalk and utility improvements that would be required to meet current engineering standards. Therefore, potential temporary construction and permanent operational impacts would be less than significant, and no mitigation is required.

iii) Seismic-related ground failure, including liquefaction?

No impact. Liquefaction is a ground failure hazard that typically occurs during seismic events in areas where loose sandy soils exist below shallow groundwater. The Project site has a low susceptibility to liquefaction pursuant to review of the General Plan EIR Figure 5.6-6 Liquefaction Potential (Beaumont 2020b). Given the Project site's low liquefaction susceptibility and absence of proposed habitable structures, no temporary or permanent impacts are anticipated, and no mitigation is required.

iv) Landslides?

No impact. The Project site is in a relatively flat area (i.e., 0-5 degrees of slope) pursuant to the General Plan EIR Figure 5.6-5 Steep Slopes, with no onsite or adjacent hills. Therefore, landslides are not anticipated. In addition, the Project's proposed roadway improvements would be constructed to current engineering standards for any required slope contours created during grading or retaining walls built during construction. No temporary or permanent impacts are anticipated, and no mitigation is required.

b) Would the Project result in substantial soil erosion or the loss of topsoil?

Less than significant impact. The Project site and surrounding area are relatively flat with characteristics that are not indicative of erosive conditions. The Project does not propose substantial grade changes that could result in erosion. During construction, the Project would be required to comply with National Pollutant Discharge and Elimination System (NPDES) requirements under the Construction General Permit to minimize the potential for temporary impacts associated with erosion of exposed soils during construction. Long-term soil and erosion control resulting from the permanent improvements would be controlled by stormwater infrastructure incorporated into the project design (i.e., structural best management practices (BMPs)) and by revegetation of disturbed exposed areas after construction grading. Consequently, potential temporary and permanent impacts would be less than significant, and no mitigation is required.

c) Would the Project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in, on or offsite landslide, lateral spreading, subsidence, liquefaction or collapse?

No impact. The Project site and adjacent areas are relatively flat with no anticipated risk of landslides. As discussed above, the potential for liquefaction to occur at the Project site is low (Beaumont 2020b). Pursuant to General Plan EIR Figure 5.6-7 Subsidence Potential, the Project in an area that is susceptible to subsidence but is not in an active subsidence area (Beaumont 2020b). Ground subsidence is the sudden shrinking or gradual downward settling and compaction of soil. Although the Project site is in an area susceptible to subsidence, no new development or habitable structures are proposed that could be at risk. The Project only proposes the widening of an existing roadway that would be designed to comply with engineering standards and accounts for existing soil conditions. No temporary construction or permanent operational impacts are anticipated, and no mitigation is required.

d) Would the Project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks of life or property?

Less than significant impact. Expansive soils can be widely dispersed throughout the City of Beaumont and may occur within the Project area (Beaumont 2020a). Expansive soils are characteristically clay soils that are prone to large volume changes (swelling and shrinking) directly related to changes in water content. The shrinking and swelling of soils can exert stress on building foundations and structures over time. The Project does not propose the construction of new structures such as buildings that could pose a risk of life or property. In addition, issues regarding expansive soils are now routinely alleviated by following the California Building Code. The Project would be constructed to meet applicable building requirements and pursuant to the Project's geotechnical assessment and recommendations. Therefore, potential temporary and permanent impacts would be less than significant with implementation of standard building code regulations and project-specific geotechnical recommendations, and no mitigation is required.

e) Would the Project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No impact. The Project does not propose septic tanks or alternative waste water disposal systems; so, there would be no temporary or permanent impact.

f) Would the Project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less than significant with mitigation. Information and findings in this section are based on the Paleontological Resources Assessment Report prepared by CRM TECH and is included in this IS/MND as Appendix E (CRM TECH 2021a). The scope of the assessment included a records search of the San Bernardino County Museum (SBCM); literature review of topographic, geologic, and soil maps of the Beaumont area, published geologic literature pertaining to the project location, the Riverside County General Plan and Geographic Information System, satellite and aerial images; and field survey of the Project site.

The records search identified no known paleontological localities within the project area or a one-mile radius; however, existing records indicate the presence of one paleontological locality about five miles to the northwest that was found in similar soils to those occurring in the Project vicinity. Other resources have been reported within three miles to the south but from much older soils that are not found in the Project vicinity. The SBCM described the soils in the Project area as late-to-middle Pleistocene-aged Old Alluvial Valley Deposits (Qof) and middle-to-early Pleistocene-aged Very Old Alluvial Fan Deposits (Qvof), which are known to contain fossil remains of mammoth, mastodon, ground sloths, dire wolf, short-faced bear, sabre-toothed cat, large and small horses, large and small camels, and bison. Therefore, the SBCM assigned the Project area a "high potential to yield significant nonrenewable paleontological resources subject to adverse impact during development related excavation."

Based on the literature review, the surface geology in the Project area was mapped as Qc, or nonmarine sediments from the Pleistocene age. The surface geology in the Project area was mapped as Qf, or alluvial fan of San Gorgonio Pass, derived from sand and gravel of plutonic and gneissic detritus originating from the San Bernardino Mountains to the north, Pleistocene in age. Riverside County paleontological sensitivity maps classified the Project location as Undetermined Sensitivity. According to definitions outlined in the County's General Plan: "Areas underlain by sedimentary rocks for which literature or unpublished studies are not available have undetermined potential for containing significant paleontological resources. These areas need to be inspected by a qualified vertebrate paleontologist before a specific determination of high potential or low potential can be assigned."

During the field survey, no surface manifestation of any paleontological remains was observed within the Project area. It was noted during the survey; however, that the ground surface in virtually the entire Project area has been extensively disturbed in the past and no longer represents an accurate reflection of the paleontological sensitivity of the native soils in the vicinity.

Based on the findings of the Paleontological Resources Assessment Report as summarized above, the Project's potential to impact significant, nonrenewable paleontological resources appears to be high in the undisturbed native soils located approximately 5 to 6 feet below surface grade. Therefore, minimization measure **MM GEO-1** would require implementation of a paleontological resource impact mitigation program to monitor ground disturbance in sensitive locations, and collect and document any resources uncovered during construction. Implementation of **MM GEO-1** would reduce potential temporary construction impacts to less than significant. No long-term or permanent impacts associated with operation of the completed facility would occur, and no additional mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

The following minimization measure would be implemented to reduce potential impacts to less than significant:

MM GEO-1 A paleontological resource impact mitigation program in accordance with the provisions of CEQA and proposed guidelines of the Society of Vertebrate Paleontology shall be implemented as follows:

1. All earth-moving operations reaching beyond the disturbed surface soils, generally five to six feet in depth within the existing roadbed and two to three feet in depth elsewhere, shall be monitored by a qualified paleontological monitor. The monitor shall be prepared to quickly salvage fossils as they are unearthed to avoid construction delays and shall collect samples of sediments that are likely to contain fossil remains of small vertebrates or invertebrates. The monitor shall have the power to temporarily halt or divert grading and excavator equipment to allow for the removal of abundant or large specimens.

2. Collected samples of sediment shall be processed to recover small fossils, and all recovered specimens shall be identified and curated at a repository with permanent retrievable storage.

3. A report of findings, including an itemized inventory of recovered specimens, shall be prepared upon completion of the procedures outlined above. The report shall include a discussion of the significance of the paleontological findings, if any. The report and the inventory, when submitted to the City of Beaumont, will signify completion of the program to mitigate potential impacts on paleontological resources.

Sources

General Plan (Beaumont 2020a); General Plan EIR (Beaumont 2020b); Earthquake Zones of Required Investigation EQ Zapp (California Department of Conservation 2019); Paleontological Resources Assessment Report (CRM TECH 2021a).

Greenhouse Gas Emissions

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☐	☒

3.8 Greenhouse Gas Emissions

The findings in this section are drawn from the Air Quality and Greenhouse Gas Study prepared for the Project and is included in this IS/MND as Appendix B (Entech 2021a).

a) Would the Project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less than significant impact. The increased concentration of Greenhouse Gases (GHGs) in the atmosphere has been linked to global warming, leading to climate change. The principal GHGs are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), sulfur hexafluoride (SF_6), perfluorocarbons (PFCs), and hydrofluorocarbons (HFCs). Because different GHGs have different warming potential, and CO_2 is the most common reference gas for climate change, GHG emissions are often quantified and reported as CO_2 equivalents (CO_2e). Construction and operation of the Project would incrementally contribute to GHG emissions along with the past, present, and future activities, and the CEQA Guidelines acknowledge this as a cumulative impact. As such, the impacts of GHG emissions are analyzed here on a cumulative basis.

While SCAQMD has issued proposed standards and guidelines, there is no adopted state or local standard for determining the cumulative significance of the Project's GHG emissions. In December 2008, SCAQMD adopted a 10,000 MT CO_2e/year for industrial facilities, but only with respect to projects where SCAQMD is the lead agency. Additionally, SCAQMD has proposed, but not adopted, a 3,000 MT/year CO_2e threshold for mixed-use developments, a 3,500 MT/year CO_2e threshold for residential developments, and a 1,400 MT/year CO_2e threshold for commercial developments. As an alternative to the aforementioned proposed thresholds for residential, commercial, and mixed-use developments, SCAQMD has also recommended using a single numerical threshold of 3,000 MT CO_2e/year for all non-industrial projects. These thresholds were developed for individual land-use projects. These thresholds have not been adopted as of this writing. The City, as the Lead Agency for the Project, has determined

that the most appropriate threshold that would apply would be the 3,000 MT/year CO_2e threshold for all non-industrial projects.

Construction activities would be temporary and occur over approximately eight months. Construction activities would consist of site preparation, grading, paving, and painting (i.e., traffic striping). The construction activities would result in the emission of GHGs from equipment exhaust, construction-related vehicular activity, and construction worker automobile trips. Total estimated construction-related GHG emissions for the Project are shown in Table 6. As shown, the Project's total estimated mitigated GHG emissions during construction would equal approximately 132.82 MT CO_2e/year. This would equate to approximately 4.43 MT CO_2e per year after amortization over 30 years per SCAQMD methodology.

Table 6. Estimated Total Construction-Related GHG Emissions

Construction Emissions	Estimated CO2e Emissions
Total	132.82 (MT)
Annual construction (amortized over 30 years)	4.43 (MT/Yr)
Significance Threshold	3,000 (MT/yr)
Significant?	No
Source: Air Quality and Greenhouse Gas Study, Table 10 (Appendix B of this IS/MND).	

Table 6 shows that the Project would result in an estimated 132.82 MT CO_2e/year, which is less than the 3,000 MT CO_2e/year screening threshold. The Project would result in an incremental increase in GHG emissions that would not exceed thresholds. Therefore, potential impacts would be less than significant, and no mitigation is required.

The Project is not expected to generate any mobile trips and is intended to improve the LOS conditions of the Project roadway segment; therefore, no permanent operational-source emissions were modeled (Entech 2021a). No substantive change in operational emissions compared to existing conditions are anticipated. Potential permanent operational impacts would be less than significant, and no mitigation is required.

b) Would the Project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

No impact. In December 2008, CARB approved the AB 32 Scoping Plan, outlining its strategy to achieve the 2020 GHG emissions limit. This Scoping Plan, developed by CARB in coordination with the Climate Action Team, proposes a comprehensive set of actions designed to reduce overall GHG emissions in California, improve the environment, reduce dependence on oil, diversify California's energy sources, save energy, create new jobs, and enhance public health.

As required by AB 32, the Scoping Plan must be updated at least every five years to evaluate the mix of AB 32 policies to ensure that California is on track to meet the targets set out in the legislation. In October

2013, a draft Update to the initial Scoping Plan was developed by CARB in collaboration with the California Climate Action Team. The draft Update builds upon the initial Scoping Plan with new strategies and expanded measures and identifies opportunities to leverage existing and new funds to drive GHG emission reductions through strategic planning and targeted program investments. The draft Update to the initial Scoping Plan was presented to CARB's Board for discussion at its February 20, 2014 meeting. Subsequently, the first update to the AB 32 Scoping Plan was approved on May 22, 2014, by CARB.

As part of the Scoping Plan's proposed update, the emissions reductions required to meet the 2020 statewide GHG emissions limit were further adjusted. The primary reason for adjusting the 2020 statewide emissions limit was based on the fact that the original Scoping Plan relied on the Intergovernmental Panel on Climate Change's (IPCC) 1996 Second Assessment Report to assign the global warming potentials (GWPs) of greenhouse gases. In accordance with the United Nations Framework Convention on Climate Change, international climate agencies have agreed to begin using the scientifically updated GWP values in the IPCC's Fourth Assessment Report (AR4) released in 2007. Because CARB has begun to transition to the use of the AR4 100-year GWPs in its climate change programs, CARB recalculated the Scoping Plan's 1990 GHG emissions level with the AR4 GWPs. As the recalculation resulted in 431 Million Metric Tons (MMT) CO_2e, the 2020 GHG emissions limit established in response to AB 32 is now slightly higher than the 427 MMT CO_2e in the initial Scoping Plan. Considering that the proposed update also adjusted the 2020 Business As Usual (BAU) forecast of GHG emissions to 509 MMT CO_2e, a 15 percent reduction below the estimated BAU levels was determined to be necessary to return to 1990 levels by 2020.

The Project would reduce vehicle emissions through traffic flow improvements, which is consistent with the Regional Transportation Reduction Targets of the CARB Scoping Plan. Additionally, construction emissions for the Project would be below the SCAQMD GHG emissions threshold of 3,000 MT CO_2e per year. Consistent with the City's Climate Action Plan (CAP) or "Sustainable Beaumont, The City's Roadmap to Greenhouse Gas Reductions," Measure 7.1 Encourage Non-Motorized Transportation Options (Beaumont 2015), the Project would also add a sidewalk connection for the length of the Project to encourage pedestrian mobility. Therefore, the Project would not conflict with an applicable plan, policy, or regulation adopted and consistent with the CARB Scoping Plan or CAP to reduce emissions of greenhouse gases. No impacts are anticipated, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

Air Quality and Greenhouse Gas Analysis (Entech 2021a); Sustainable Beaumont, The City's Roadmap to Greenhouse Gas Reductions (Beaumont 2015).

Hazards and Hazardous Materials

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☒	☐	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒
d) Be located on a site, which is included on a list of hazardous materials sites complied pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☒	☐
e) For a Project located within an airport land use plan, or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project result in a safety hazard or excessive noise for people residing or working in the Project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☒	☐

3.9 Hazards and Hazardous Materials

This section is based in-part on the Initial Site Assessment (ISA) for Pennsylvania Avenue Widening (Phase I) that was prepared for the Project site by Leighton Group and is included in this IS/MND as Appendix F (Leighton 2018). The Phase I scope of work included: a reconnaissance-level site visit for evidence of the releases of hazardous materials and petroleum products, assessment of potential for onsite releases of hazardous materials and petroleum products, and record reviews of previous environmental reports, governmental databases, and historical reports. The findings and determinations made in this section are based on the Phase I analyses and additional desktop research.

a) Would the Project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less than significant impact. The Project proposes to widen an existing roadway; it does not propose the routine transport, use, or disposal of hazardous materials. During construction, some hazardous materials would be used such as petroleum-based fuels, lubricants, paints, and other similar common construction materials; however, use of such materials would not be routine. In addition, the implementation of Best Management Practices (BMPs) stipulating proper storage and handling of hazardous materials and vehicle refueling would be implemented during construction as a standard requirement through a Project-specific Stormwater Pollution Prevention Plan (SWPPP). With the implementation of typical BMPs, the Project would not create a significant hazard. Potential temporary construction impacts would be less than significant, and no mitigation is required.

Once the widening is complete, vehicles would continue to utilize Pennsylvania Avenue similar to existing conditions. Any transport of hazardous materials in vehicles using Pennsylvania Avenue would continue to be regulated by federal safety standards under the jurisdiction of the U.S. Department of Transportation. Therefore, no substantial change would occur from existing conditions. Potential permanent operational impacts would be less than significant, and no mitigation is required.

b) Would the Project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less than significant with mitigation. During construction, some hazardous materials such as petroleum-based fuels, lubricants, paints, and other similar common construction materials would be used. As previously noted, a Project-specific SWPPP listing BMPs to prevent construction pollutants and products from violating any water quality standard or waste discharge requirements would be implemented as a standard requirement. In addition, all transport, handling, use, and disposal of substances such as petroleum products paints, and solvents would comply with federal, state, and local laws regulating management and use of hazardous materials. With the implementation of BMPs and standard regulations, potential impacts would be less than significant, and no mitigation is required.

The following two recognized environmental conditions (RECs) in connection with the Project were identified during preparation of the Phase I:

1. The Project site has been occupied by Pennsylvania Avenue (since before 1938) and Interstate 10 was constructed in the 1960s, including an overpass over Pennsylvania Avenue and an on-ramp and off-ramp. The portion of Pennsylvania Avenue between the eastbound on-ramp and East 6th Street appears likely to have been heavily travelled and there is the potential for historical near surface soil impacts from aerially deposited lead (ADL) in the unpaved areas of the Project adjacent to Pennsylvania Avenue. Use of lead in gasoline occurred for approximately 75 years

until it started to be phased out by the EPA in the 1970s and was officially banned by the Clean Air Act in 1996.

2. The Union Pacific Railroad (UPRR) tracks cross Pennsylvania Avenue south of Interstate 10 and the potential for historical near surface soil impacts from heavy metals, petroleum hydrocarbons, and polynuclear aromatic hydrocarbons related to the rail operations exists within the railroad right-of-way.

Due to the potential presence of contaminated soils from historic use of leaded gasoline and from rail operations, soil disturbances during construction in these areas could potentially expose workers to pollutants. Therefore, mitigation measure **MM HAZ-1** would require preconstruction subsurface soil sampling for contaminants of concern within proposed earthwork areas that are located along the portion of Pennsylvania Avenue between the eastbound on-ramp and East 6th Street and within the UPRR right-of-way. If soil sampling indicates pollutant concentrations exceed federal or state thresholds, additional measures would be required to minimize the potential for construction worker exposure and to ensure the long-term permanent operational safety of Pennsylvania Avenue. Implementation of **MM HAZ-1** would reduce the potential for temporary and permanent impacts to less than significant.

Although not identified as RECs, the Phase I analysis also noted the potential presence of Asbestos Containing Materials (ACM) in the I-10 bridge structure overpass and potential presence of lead-based paint (LBP) within existing yellow traffic striping. Because the Project proposes no modifications to the bridge structure, no temporary or permanent impacts associated with ACM would occur. Potential impacts would be less than significant, and no mitigation is required. Yellow striping removal may occur during construction; therefore, mitigation measure **MM HAZ-2** would require testing and removal of yellow striping in accordance with California Department of Transportation (Caltrans) Construction Program Procedure Bulletin 99-2. Implementation of **MM HAZ-2** would reduce potential temporary and permanent impacts to less than significant.

c) Would the Project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

No impact. The Project is not expected to result in the release of any hazardous emissions. In addition, the nearest school, Palm Elementary School located at 751 Palm Avenue, is approximately 0.35-mile west of the Project site (Google Earth 2020). Based on proposed uses and the fact that the site is not within one-quarter mile of an existing or proposed school, no impacts are anticipated, and no mitigation is required.

d) Would the Project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less than significant impact. A search of selected government databases was conducted as part of the Phase I. Regulatory database lists were reviewed for cases pertaining to Leaking Underground Storage Tanks, Above Ground Storage Tanks, hazardous waste sites, and abandoned sites within a specified radius of 1 mile. No potentially contaminated listings associated with the Project site were identified except for a former gas station facility, 1201 East 6th Street, located at the southeast corner of Pennsylvania Avenue and 6th Street, and a former Square D Company facility, 1060 East 3rd Street, located at the northwest corner of Pennsylvania Avenue and East 3rd Street.

Historically, two 10,000-gallon gasoline underground storage tanks (USTs) were located at the former gas station at 1201 E 6th Street, until their removal in 1999. Petroleum impacted soil was identified, characterized, and removal of this soil was recommended. The USTs and the petroleum impacted soil were removed from the property and disposed of according to regulatory standards, and case closure was issued by the Riverside County Department of Environmental Health.

Historically the former Square D Company, a copper foil manufacturer, operated at the facility located at 1060 East 3rd Street, from 1970 until closure in 1989. Metals impacted soil was identified at the main facility (parcel 1) and within the eastern and southeastern adjacent properties (parcels 2 and 3). The impacted soil was removed and transported offsite or utilized as part of the remediation plan in which the former pond areas, identified as the North Post-Closure Area, were capped with impacted soil. A separate parcel number is associated with the North Post-Closure Area, identified as Assessor Parcel Number (APN) 418-360-001, and located approximately 730 feet west of Pennsylvania Avenue (Leighton 2018). A land use covenant was placed on parcel 1 and restricted the land use to industrial use only. The remaining areas of the facility were granted case closure by the Department of Toxic Substances Control.

Based on the findings of the Phase I analysis, no additional investigation was recommended for the purpose of the Project (Leighton 2018). Based on these findings, potential temporary construction impacts and potential permanent operational impacts are considered less than significant, and no mitigation is required.

e) For a Project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project result in a safety hazard or excessive noise for people residing or working in the Project area?

No impact. The Project site is not within an airport land use plan. The closest airport to the Project site is Banning Municipal Airport, which is approximately 6 miles east of the Project site (Google Earth, 2020). According to the Riverside County Airport Land Use Compatibility Plan, the Project site is not located within the Banning Municipal Airport Influence Area (RCALUC 2004). Therefore, no impacts would occur, and no mitigation is required.

f) Would the Project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less than significant impact. The Project would neither physically interfere with nor impair implementation of any existing emergency response plan or emergency evacuation plan. Review of the General Plan EIR Figure 5.8-3 Evacuation Routes shows that the I-10 freeway is a designated evacuation route (Beaumont 2020b). Pennsylvania Avenue is not. Potential impacts regarding access to the I-10 via Pennsylvania Avenue during temporary construction activities would be minimized through implementation of a Traffic Control Plan (TCP) pursuant to the contractor's contract documents and specifications. The TCP is required for implementation of vehicular and pedestrian traffic controls, maintenance of vehicular and pedestrian access through work areas, detours, and street closures. Implementation of the TCP would reduce potential temporary construction impacts to less than significant. Once Project construction is complete, the Project would result in an expanded Pennsylvania Avenue that should provide improved access to I-10 in the event of an emergency evacuation. Therefore, potential permanent operational impacts would be less than significant, and no mitigation is required.

g) Would the Project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

Less than significant impact. Wildland fires are recognized as potentially significant hazards within the City of Beaumont. Beaumont has been identified by CAL FIRE as being located within a "wildland-urban interface." A wildland-urban interface is where urbanized properties adjoin undeveloped areas containing substantial available fuel loads. The Project site is adjacent to several undeveloped parcels that are regularly maintained but could be a source of available fuel should maintenance activities lapse; however, the Project is a roadway expansion project that would not place habitable business's or residential structures at potential risk. Pursuant to the General Plan EIR Figure 5.20-1 Fire Hazard Severity Zones, Pennsylvania Ave from 1st Street to 6th Street is outside of the high fire hazard area. Pursuant to review of the Very High Fire Hazard Severity Zones in Local Responsibility Area, the Project site is located outside of the moderate, high, and very high Fire Hazard Severity Zone (CAL FIRE 2021). Therefore, potential impacts are considered less than significant, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

The following mitigation measures would be implemented to avoid and/or minimize potential impacts, reducing the potential for impacts to less than significant:

MM HAZ-1 Soils Management. Subsurface soil sampling shall be conducted for pollutants prior to ground disturbance in unpaved areas within Union Pacific Railroad (UPRR) right-of-way and within unpaved areas along Pennsylvania Avenue between the I-10 eastbound on-ramp and East 6th Street. UPRR areas shall be tested for heavy metals, petroleum hydrocarbons, and polynuclear aromatic hydrocarbons. Pennsylvania Avenue areas shall be tested for Aerially Deposited Lead (ADL). If pollutant

concentrations are detected below federal and state thresholds, no additional measures are required. If pollutant concentrations are detected above federal or state thresholds, additional measures shall be implemented to safely reuse the soils onsite, or if pollutant levels do not allow for re-use, to safely transport and dispose of offsite pursuant to applicable health and safety regulations. Alternatively, soils in the above mentioned locations that are not tested shall be treated as hazardous waste and removed and disposed of offsite pursuant to applicable health and safety regulations.

MM HAZ-2 Yellow Striping. Yellow striping that will be removed within the Project site shall be tested and removed in accordance with Construction Program Procedure Bulletin 99-2 (Caltrans 2006). Alternatively, yellow striping that is not tested prior to removal shall be treated as hazardous waste and removed in accordance with Construction Program Procedure Bulletin 99-2 (Caltrans 2006).

Sources

Current Compatibility Plans, Volume 1 Banning Municipal (RCALUC 2004); Phase I Environmental Site Assessment (Leighton 2018); General Plan (Beaumont 2020a); General Plan EIR (Beaumont 2020b); Google Earth Review (Moffatt & Nichol 2020); Project Development Procedures Manual, Guidelines for ISA (Caltrans 2006); Very High Fire Hazard Severity Zones in Local Responsibility Area (CAL FIRE 2021).

Hydrology and Water Quality

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	☐	☐	☒	☐
i) result in substantial erosion or siltation on or off-site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff;	☐	☐	☒	☐
or				
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	☒

3.10 Hydrology and Water Quality

The federal Clean Water Act (CWA) establishes requirements for the discharge of urban runoff from Municipal Separate Storm Sewer Systems (MS4) under the National Pollutant Discharge Elimination System (NPDES) program. On January 29, 2010, the Santa Ana Regional Water Quality Control Board (RWQCB) issued Permit Order No. R8-2010-0033 ("MS4 Permit") to authorize the discharge of urban runoff from MS4 facilities in Riverside County within the Santa Ana Region MS4 Permit area.

The MS4 Permit requires development of a standard design and post-development Best Management Practices (BMP) guidance to guide application of Low Impact Development (LID) BMPs to the maximum extent practicable on streets, roads or highways. The Santa Ana Region MS4 Permit Program prepared the Low Impact Development: Guidance and Standards for Transportation Projects ("Guidance") to provide direction on how to address MS4 Permit requirements for public works transportation projects within their jurisdiction. Information and determinations made in this section are based in part on the Guidance document prepared for the Project by Kimley Horn and is included in this IS/MND as Appendix G (Kimley Horn 2020).

A Draft Hydrology and Hydraulics Report was also prepared by Kimley Horn and is included in this IS/MND as Appendix H (Kimley Horn 2018), which is intended to evaluate the adequacy of the existing drainage facilities and to establish that the proposed facilities within Pennsylvania Avenue meet the criteria set forth in the California Department of Transportation (Caltrans) Highway Design Manual, Sixth Edition . Information and determinations made in this section are also based in part on the Draft Hydrology and Hydraulics Report and on additional desktop research performed by Moffatt & Nichol.

a) Would the Project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?

Less than significant impact. The sequence of connecting downstream receiving waters from the Project site are Potrero Creek, San Jacinto River Reach 3, Canyon Lake, San Jacinto Reach 1, and then Lake Elsinore. Potrero Creek, San Jacinto River Reach 3, Canyon Lake, and San Jacinto River Reach 1 are not listed as Section 303(d)[2] impaired water bodies for any pollutants within the San Jacinto River Region. Lake Elsinore is listed as an Impaired Water Body for dichloro-diphenyl-trichloroethane (DDT), nutrients, organic enrichment/low dissolved oxygen, and toxicity within the San Jacinto River Region. At times of large storm events, Lake Elsinore overflows to join the Santa Ana River via Temescal Creek, which adds the following potential additional receiving waters further downstream: Santa Ana River Reach 2 and Santa Ana River Reach 1. These bodies of water are not listed as impaired water bodies for any pollutants. There are no Total Maximum Daily Loads (TMDLs)[3] or water quality impairments in the nearest significant receiving downstream waters from the Project site (Kimley Horn 2020). Therefore, there are no special water quality standards that need to be met based on the existing environmental conditions.

[2] The 303(d) list identifies receiving waters where standards are not met, pollutants or toxicity contributing to standards exceedance, and the Total Maximum Daily Load (TMDL) completion schedule.

[3] Total Maximum Daily Load (TMDL) is a regulatory term in the U.S. Clean Water Act, describing a plan for restoring impaired waters that identifies the maximum amount of a pollutant that a body of water can receive while still meeting water quality standards.

According to the Santa Ana Region Basin Plan, Potrero Creek is listed as having the following beneficial uses[4]: Agricultural Supply (AGR); Groundwater Recharge (GWR); Water Contact Recreation (REC1); Non-contact Water Recreation (REC2); Warm Freshwater Habitat (WARM); Wildlife Habitat (WILD); and Rare, Threatened or Endangered Species (RARE). All the above beneficial uses are listed as intermittent, except for RARE, because Potrero Creek is an ephemeral stream and beneficial uses are only available during or after rain events when water is present (RWQCB 2019). Beneficial uses listed for groundwater management zones in the Upper San Jacinto River basin and San Timoteo Sub-basin include Municipal and Domestic Supply (MUN); AGR; Industrial Service Supply (IND); and Industrial Process Supply (PROC) (RWQCB 2019; Beaumont 2020b). The Project is not anticipated to impact these listed beneficial uses during temporary construction or permanent operation of the facility as further discussed below.

During construction, some hazardous materials such as petroleum-based fuels, lubricants, paints, and other similar common construction materials would be used. As previously noted, a Project-specific SWPPP with BMPs to prevent construction pollutants and products from violating any water quality standard or waste discharge requirements would be implemented as a standard requirement. In addition, all transport, handling, use, and disposal of substances such as petroleum products paints, and solvents would comply with federal, state, and local laws regulating management and use of hazardous materials. With the implementation of BMPs and standard regulations, potential temporary construction impacts would be less than significant, and no mitigation is required.

According to the Federal Highway Administration, ordinary roadway operations and the wear and tear of vehicles result in the dropping of oil, grease, rust, hydrocarbons, rubber particles, and other solid materials on the highway surface (FHWA 2016). These materials are often washed off the highway during rain events. Pennsylvania Avenue would continue to generate these pollutants similar to existing conditions after construction. Permanent operational impacts would potentially increase due to additional roadway capacity and vehicle use. For consistency with the Santa Ana Region MS4 Permit Program Guidance (Appendix G), the Project has been designed with LID-based BMPs (physical design features) and incorporates source control BMPs (programmatic maintenance) to reduce potential release of additional polluted runoff. Two underground bioretention BMPs would be installed at the proposed catch basins on the south end of Pennsylvania Avenue, between 1st Street and the UPRR tracks. Catch basin inserts would also be installed at each inlet to capture trash and debris to meet full trash capture as required by the RWQCB (Kimley Horn 2020). In addition, sweeping of transportation surfaces adjoining curb and gutter and drainage facility inspection and maintenance would also be employed to minimize the chance for release of pollution downstream. Implementation of these design BMPs and programmatic BMPs would reduce potential permanent operational impacts to less than significant.

[4] A beneficial use is one of the various ways that water can be used for the benefit of people and/or wildlife pursuant to the RWQCB.

Based on the absence of TMDLs and 303(d) impairments in the immediate offsite area and considering use of proposed maintenance BMPs and LID design BMPs, potential temporary and permanent impacts to water quality and beneficial uses would be less than significant, and no mitigation is required.

b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less than significant impact. The Project's proposed street widening would increase the amount of impervious surface area from approximately 147,668 square feet (3.39 acres) to approximately 253,955 square feet (5.83 acres). In some cases, an increase in impervious surface area can reduce the amount of surface water ability to percolate into the ground. Geotechnical borings and infiltration testing of the Project site performed by Kleinfelder indicated poor soil infiltration within the Project area (Kimley Horn 2020). Due to these existing site conditions, the Project's increased impervious surface area of approximately 2.44 acres is not anticipated to substantially reduce the amount of potential groundwater recharge at the site and infiltration systems were not recommended as part of the project design (Kimley Horn 2020). In addition, the Project proposes no pumping or extraction of groundwater. The Project would not deplete groundwater supplies and would not interfere with groundwater recharge by building additional wells or increasing the demand for groundwater supplies. Therefore, potential impacts would be less than significant, and no mitigation is required.

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i) result in substantial erosion or siltation on- or off-site;

Less than significant impact. The Project would be required to comply with the NPDES under the Construction General Permit to minimize temporary impacts associated with erosion of exposed soils during grading or construction would occur. Typical BMPs anticipated to be employed by the contractor include use of temporary straw wattles and/or silt fences to keep storm water events from eroding exposed areas during construction. The Project is also anticipated to require a permit from the RWQCB for compliance with Section 401 of the Clean Water Act. A RWQCB-issued 401 Water Quality Certification or Waste Discharge Requirement would require implementation of standard construction measures like use of temporary erosion control devices to minimize the chance for substantial erosion. Implementation of standard BMPs and permit compliance would reduce temporary impacts to less than significant.

The Project would permanently alter the onsite drainage pattern and increase the amount of impervious surface area from approximately 147,668 square feet (3.39 acres) to approximately 253,955 square feet (5.83 acres). Onsite improvements include new and replacement stormwater facilities to manage and treat onsite flows prior to release into the existing offsite system. Pursuant to the Draft Hydrology and Hydraulics Report (Appendix H), the Project would be designed to meet the criteria set forth in the

Caltrans Highway Design Manual, Sixth Edition (Kimley Horn 2018). Per the County of Riverside Transportation Department, the Project would need to handle the 10-year severity storm event with a maximum allowable flooding to the top of curb and handle the 100-year severity storm event with a maximum allowable flooding at or below the right-of-way line. Based on the Project design requirements and inclusion of bioretention LID facilities, potential permanent operation impacts are considered less than significant, and no mitigation is required.

ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;

Less than significant impact. The proposed facilities would be designed to manage the 10-year and 100-year severity storm events and manage flows prior to a controlled release into the downstream system. See impact discussion above in Section 3.10(c)(i) and below in Section 3.10(c)(iii).

iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff;

Less than significant impact. As mentioned above, the proposed onsite underground LID bioretention BMPs would manage the flow rate of water prior to release into the offsite system. The increased onsite flow would be accounted for by increasing water storage capacity in the proposed underground bioretention system, which would also treat water of pollutants prior to downstream release. With proper sizing of the bioretention BMPs, the volume of water and velocity of flows released into the existing offsite system would be similar to pre-redevelopment conditions. Consequently, potential impacts would be less than significant, and no mitigation would be required.

d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

No impact. The Project site is not located near the ocean or other large body of water that could subject the site to tsunami or seiche. According to the Federal Emergency Management Agency (FEMA) Flood Map Service Center online database and the General Plan EIR, Figure 5.9-3 Flood Hazard Zones, most of the Project site is located in the 0.2% annual chance flood hazard zone (FEMA 2020). Sections of the Project adjacent to I-10 are within the 1% shallow flood zone. However, the Project would not construct uses that would be at risk of releasing pollutants if inundated. The Project would not construct permanent habitable businesses, residential structures or uses associated with storage, use or handling of hazardous materials or hazardous waste. The Project only proposes to widen an existing roadway. Therefore, no temporary or permanent impact would occur, and no mitigation is required.

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

No impact. The Project is not anticipated to impact beneficial uses listed for surface waters in Potrero

Creek or groundwater management zones in the Upper San Jacinto River basin or San Timoteo Sub-basin (Section 3.10(a)). The Project would be required to comply with the NPDES under the Construction General Permit to minimize potential temporary impacts associated with release of pollutants during construction. The Project has incorporated the use of onsite permanent LID BMPs, including an underground bioretention system to manage and treat storm water flows prior to release to the downstream system (Kimley Horn 2020). A permanent increase in impervious surface would not substantially reduce the opportunity for surface waters to percolate into the ground at the Project site based on existing soil conditions and infiltration testing results (Section 3.10(b)). Neither potential temporary construction activities nor permanent operation of the improved Pennsylvania Avenue would obstruct a water quality control plan or groundwater management plan. No temporary or permanent impacts are anticipated, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

Draft Hydrology and Hydraulics Report (Kimley Horn 2018); FEMA Flood Map Service Center (FEMA 2020); FHWA Environmental Technology Brief (FHWA 2016); Santa Ana Region MS4 Permit Program, Low Impact Development (LID) Guidance and Standards for Transportation Projects (Kimley Horn 2020); Santa Ana River Basin Plan (RWQCB 2019).

Land Use and Planning

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

3.11 Land Use and Planning

a) Would the Project physically divide an established community?

No impact. The Project site is predominantly within the existing roadway footprint and right-of-way of Pennsylvania Avenue. Approximately zero to 16 feet of encroachment into adjacent properties would be required for the widening (Figure 3). The land use/zoning designations for these properties are Downtown Mixed Use/6th Street Mixed-Use, Industrial/Manufacturing, and General Commercial/Community Commercial with TOD Overlay, respectively (Beaumont 2020b). Adjacent land is predominantly characterized by vacant parcels, an industrial pallet manufacturing company and commercial buildings. The Project entails widening an existing street, which would not divide an established community. No temporary or permanent impact would occur, and no mitigation is required.

b) Would the Project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

No impact. The Project is intended to widen Pennsylvania Avenue to a four lane Major Highway pursuant to the General Plan EIR Figure 3-5 Roadway Classification (Beaumont 2020b). Improvements would include new curb, gutter and sidewalk construction for compliance with current Americans with Disabilities Act (ADA) standards. The Project would be consistent with all zoning requirements as stated in the City of Beaumont municipal code, Code of Ordinances (Beaumont 2021). Therefore, no temporary or permanent impacts are anticipated and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

City of Beaumont Municipal Code, Code of Ordinances (Beaumont 2021); General Plan EIR (Beaumont 2020b).

Mineral Resources

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

3.12 Mineral Resources

a) Would the Project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No impact. According to the General Plan EIR Figure 5.11 Mineral Resource Zones, there are no known or identified mineral resources of regional or statewide importance within the City (Beaumont 2020b). Additionally, the USGS Minerals Resource Data System did not identify the Project site as a location where a known mineral resource occurs (USGS 2021). Therefore, the Project would not result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state. The nearest mining activities to the Project site are over two miles away (USGS 2021). No temporary or permanent impact would occur, and no mitigation is required.

b) Would the Project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No impact. According to the General Plan EIR Figure 5.11 Mineral Resource Zones, the City does not contain any "locally important mineral resource recovery sites" (Beaumont 2020b). Neither the City's 2020 General Plan, existing Zoning Map, or any specific plan within the Planning Area identifies a locally-important mineral resource recovery site (Beaumont 2020a). Therefore, no temporary or permanent impact would occur, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

General Plan (Beaumont 2020a); General Plan EIR (Beaumont 2020b); Mineral Resources Data System (USGS 2021).

Noise

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c) For a Project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the Project area to excessive noise levels?	☐	☐	☐	☒

3.13 Noise

The findings in this section are drawn from the Noise Study Report prepared for the Project by Entech Consulting Group and is included in this IS/MND as Appendix I (Entech 2021b). Noise is generally considered a loud, unpleasant, unexpected, or undesired sound typically associated with human activity that is a nuisance or disruptive. The effects of noise on people can be placed into four general categories:

- Subjective effects (e.g., dissatisfaction, annoyance),
- Interference effects (e.g., communication, sleep, and learning interference),
- Physiological effects (e.g., startle response), and
- Physical effects (e.g., hearing loss).

Although exposure to high noise levels has been demonstrated to cause physical and physiological effects, the principal human responses to typical environmental noise exposure are related to subjective effects and interference with activities (e.g., normal conversations, watching television, telephone conversations, and interference with sleep).

Sound is characterized by both its amplitude and frequency (or pitch). The human ear does not hear all frequencies equally. In particular, the ear deemphasizes low and very high frequencies. To approximate the sensitivity of human hearing, the A-weighted decibel scale (dBA) is used. On this scale, the human

range of hearing extends from approximately 3- dBA to around 140 dBA. Table 7 includes examples of A-weighted noise levels from common indoor and outdoor activities.

Table 7. Typical A-Weighted Noise Levels

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	— 110 —	Rock band
Jet fly-over at 1000 feet		
	— 100 —	
Gas lawn mower at 3 feet		
	— 90 —	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	— 80 —	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower, 100 feet	— 70 —	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	— 60 —	
		Large business office
Quiet urban daytime	— 50 —	Dishwasher next room
Quiet urban nighttime	— 40 —	Theater, large conference room (background)
Quiet suburban nighttime		
	— 30 —	Library
Quiet rural nighttime		Bedroom at night, concert
	— 20 —	
		Broadcast/recording studio
	— 10 —	
Lowest threshold of human hearing	— 0 —	Lowest threshold of human hearing

dBA = A-weighted decibels; mph = miles per hour
Source: Noise Study Report, Table 3-2 (Entech 2021b)

An important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted (i.e., comparison to the existing ambient noise environment). The more a new noise level exceeds the previously existing ambient noise level, the less acceptable the new noise level will be judged by those hearing it. With regard to increases in A-weighted noise level, the following relationships generally occur:

- Except in carefully controlled laboratory experiments, a change of 1 dBA cannot be perceived.
- A 3 dBA change in noise levels is considered a barely perceivable difference outside of the laboratory.
- A change in noise levels of 5 dBA is considered to be a readily perceivable difference.
- A change in noise levels of 10 dBA is subjectively heard as a doubling of the perceived loudness.

These relationships occur in part because of the logarithmic nature of sound and the decibel system. The human ear perceives sound in a non-linear fashion; hence the decibel scale was developed. Because the decibel scale is based on logarithms, two noise sources do not combine in a straightforward additive fashion but rather logarithmically. For example, if two identical noise sources produce noise levels of 50 dBA, the combined sound level would be 53 dBA, not 100 dBA.

Vibration is energy transmitted in waves through the ground or human-made structures. These energy waves generally dissipate with distance from the vibration source. Familiar sources of groundborne vibration are trains, buses on rough roads, and construction activities such as blasting, pile-driving, and operation of heavy earthmoving equipment. The peak particle velocity (PPV) is defined as the maximum instantaneous peak of the vibration signal. The PPV is most frequently used to describe vibration impacts to buildings. The effects of ground-borne vibration include movement of the building floors, the rattling of windows, shaking of items on shelves or hanging on walls, and rumbling sounds. In extreme cases, the vibration can cause damage to buildings. Building damage is not a factor for most projects, with the occasional exception of blasting and pile-driving during construction. Annoyance from vibration often occurs when the vibration levels exceed the perception threshold by only a small margin. A vibration level that causes annoyance will be well below the damage threshold for normal buildings. The root mean square (RMS) amplitude is most commonly used to describe the effect of vibration on the human body. The RMS amplitude is defined as the average of the squared amplitude of the signal. Decibel notation (VdB) is commonly used to measure RMS. The relationship of PPV to RMS velocity is expressed in terms of the "crest factor," defined as the PPV amplitude ratio to the RMS amplitude. Peak particle velocity is typically a factor of 1.7 to 6 times greater than RMS vibration velocity.

a) Would the Project result in the generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less than significant with mitigation. The City of Beaumont has included goals and policies within the General Plan Update (GPU) Noise Element to minimize mobile-source generated noise levels. The applicable goals and polices are discussed in the analysis below with a complete list of applicable goals and policies included in the Noise Study Report (Appendix I). The City's municipal code, Code of Ordinances also establishes maximum residential noise levels and maximum interior noise levels for residences, schools and hospitals based on existing Base Ambient Noise Levels; however, pursuant to the City's municipal code, Code of Ordinances Section 9.02.120 – Exemptions, capital improvement projects (CIPs) of a governmental agency are exempt from the provisions of the noise chapter (Beaumont 2021). Because the Project is part of the CIP program, it would therefore be exempt from these noise provisions. Thus, potential temporary construction noise impacts, as they relate to compliance with local standards, would be considered less than significant. Nonetheless, this section provides an analysis of temporary noise impacts for disclosure purposes and for compliance with CEQA. The Project's permanent operational noise impacts are also analyzed below.

The existing noise environment was characterized by collecting field noise measurements at residential properties (i.e., the nearest sensitive receptors) closest to the Project site. These nearby receptors are located approximately 200 feet west of Pennsylvania Avenue, immediately north of I-10 and south of 6th Street (Monitoring Locations R-1 and R-2). These residences are separated from the Project site by a vacant dirt lot, partially screened by trees and a privacy fence. Additional measurements were taken near a residential property west of Pennsylvania Avenue and immediately north of 1st Street (Monitoring Location R-3). Other residential properties are located within 0.25 mile of the Project site but would be exposed to less noise than properties analyzed in this document due to greater noise attenuation achieved over greater distances. No other sensitive receptor uses such as schools or long-term health care facilities were identified within 0.25 mile of the Project site. Figure 4 of the attached Noise Study Report (Appendix I) depicts the monitoring locations. Table 8 shows the existing ambient noise levels for the monitoring locations.

Table 8. Existing (Ambient) Short Term Noise Level Measurements

Noise Monitoring Location	Description	Time of Measurement	Primary Noise Source	Existing Noise Levels (L_{eq} dBA)
R-1	Pennsylvania Avenue (S. of East 6th Street)	10:00 a.m.	Traffic	61.6
R-2	Pennsylvania Avenue (S. of East 6th Street)	10:30 a.m.	Traffic	67.3
R-3	Pennsylvania Avenue (S. of East 6th Street)	11:00 a.m.	Traffic	67.3
Source: Noise Study Report, Table 6-1 (Entech 2021)				

Temporary Construction Impacts

Project construction noise would be temporary and levels would fluctuate depending on the nature of the activities being performed, phase of construction (e.g., civil, site preparation, grading, paving), and proximity of equipment to the receptor. Greater noise levels would primarily be associated with the operation of heavy-duty off-road equipment and noise would be greatest as equipment operates at the Project site boundary closest to a receptor. Table 9. Note that these levels would be maximum exterior noise levels at the residential property.

Table 9. shows the maximum 1-hr L_{eq}[5] estimated construction noise levels at the nearest residential receptors by construction phase and anticipated equipment use. Note that these levels would be maximum exterior noise levels at the residential property.

[5] L_{eq} is the energy-average dBA during a measured time interval. It is the "equivalent" constant sound level that would have to be produced by a given source to equal the acoustic energy contained in the fluctuating sound level measured.

Table 9. Construction Equipment by Phase with Associated Maximum 1-Hr L_{eq} Noise

Equipment	dBA at 50 Feet	Predicted Noise Level at Nearest Residential Property (dBA)
Civil		
Dump Trucks	76	75
Rubber Tired Dozer	85	
Tractor/Loader/Backhoe	80	
Hydraulic Excavator	85	
Site Preparation		
Grader	85	76
Rubber Tired Dozer	85	
Tractor/Loader/Backhoe	85	
Grading		
Grader	85	74
Rubber Tired Dozer	85	
Paving		
Cement and Mortar Mixer	85	74
Pavers	89	
Paving Equipment	89	
Rollers	74	
Tractor/Loader/Backhoe	85	
Source: Noise Study Report, Table 7.2 (Entech 2021b)		

Construction-related noise at the nearest sensitive receptors would potentially reach up-to an estimated exterior maximum unmitigated noise level of 76 dBA (Table 9). This temporary increase in construction noise would be readily perceivable. The residential structure itself would reduce interior noise levels. Typical noise attenuation within residential structures with open windows is about 17 dBA, while the noise attenuation with closed windows is about 25 dBA (NCHRP 1971). Considering these attenuation factors, maximum interior noise levels during construction are anticipated to be maintained at or below approximately 51 dBA in structures with closed windows.

Actual construction noise levels may be lower than predicted noise levels depending upon construction phasing and the implementation of typical best management practices such as reducing equipment idling, operating equipment with mufflers, limiting equipment operating hours, utilizing construction staging techniques that buffer noise emanating from the project boundary to the nearest sensitive receptors and maintaining construction equipment in good working order. These best management practices have been effective in reducing construction noise levels within acceptable maximum allowable levels.

Although CIPs, such as the proposed Project, are exempt from established base ambient and maximum exterior and interior noise levels provided under the municipal code, Code of Ordinances Section 9.02.50, it is recommended that the City incorporates the applicable best management practices consistent with the implementation measures listed in the General Plan. Construction noise impacts at the site of the closest sensitive receptors along Massachusetts Avenue are unlikely to be sustained during the entire

anticipated 8-month construction period but temporary and intermittent subjective effects (e.g. annoyance) and/or interference effects (e.g. communication) at a particular receptor could occur when heavy construction equipment is operating near the Project site perimeter.

Adherence to local noise ordinances; implementation of construction Best Management Practices, such as limiting construction operating hours between 7:00 am and 6:00 pm; and implementing the control measures outlined in mitigation measures **MM NOI-1** through **MM NOI-4** discussed below, would reduce temporary subjective effects and interference effects at sensitive receptors to less than significant.

Permanent Operational Impacts

Although the Project is not expected to generate any mobile trips, post-construction changes in the roadway and vehicle use of Pennsylvania Avenue would result in a permanent operational noise change. The Traffic Noise Model 2.5 and the Project's traffic data, provided by the City's traffic consultant (Minagar & Associates 2020), were utilized to identify existing noise levels and predict future 2020, and 2035 Project noise levels. Table 10 presents the existing and future noise levels compared to the allowable noise increases consistent with the General Plan EIR Roadway Significance Changes in Operational Roadway Noise Exposure criteria (Beaumont 2020b).

Table 10. Existing and Future Traffic Noise Levels

Monitoring Location	Existing Noise Levels (dBA)	2020 No Build Noise Levels (dBA)	2020 with Project Noise Levels (dBA)	2035 with Project Noise Levels (dBA)	2020 Project Increase over Existing	2035 Project Increase over Existing	Allowable Noise Exposure Increase (dBA)[1]
R-1	61.7	61.9	64.4	65.6	2.7	3.9	2
R-2	65.4	65.5	66	66.3	0.6	0.9	1
R-3	56.8	57.1	58.8	60.7	2.0	3.9	3

Source: Noise Study Report, Table 7.1 (Entech 2021b)

[1] Allowable Noise Exposure Increase methodology was used consistent with the General Plan EIR Roadway Significance Changes in Operational Roadway Noise Exposure, Table 5.12-G. Also shown in the Noise Study Report, Table 4.4. Existing ambient noise levels in the 55-59 dBA L_{eq}, 60-64 dBA L_{eq}, and 65-69 dBA L_{eq} ranges allow for an increase of 3 dBA, 2dBA, and 1 dBA in roadway noise, respectively.

Estimated changes in noise levels between existing conditions and 2020 conditions would be negligible (less than a 3 dBA increase) and would remain unnoticeable (an approximately 3.9 dBA increase) under 2035 future with Project conditions (Table 10). Although these noise increases would barely be audible by the human ear, receivers R-1 and R-3 would exceed the allowable noise exposure increase criteria. Noise levels would continue to increase under the future 2035 conditions and exceed the City's noise criteria. For consistency with the City of Beaumont's GPU Policy 10.2.6, noise-reducing paving materials, such as open-grade or rubberized asphalt, would be used to surface Pennsylvania Avenue to reduce noise

increases at the closest residential land uses near the Project along Massachusetts Avenue. Implementation of noise-reducing paving materials under mitigation measure **MM NOI-5** would reduce noise levels by 4 to 5 dBA. This noise reduction would reduce potential permanent operational impacts to less than significant, bringing the resultant noise level within the acceptable noise compatibility criteria.

b) Would the Project result in generation of excessive ground-borne vibration or ground-borne noise levels?

Less than significant impact. Project construction would have the potential to result in varying degrees of temporary groundborne vibration, depending on the specific construction equipment used and the operations involved. Groundborne vibration levels resulting from construction activities were estimated using the data published by the Federal Transit Administration (FTA) in its Transit Noise and Vibration Impact Assessment Manual (Entech 2021b). The FTA has adopted vibration standards to evaluate potential building damage impacts related to construction activities. The vibration damage criteria adopted by the FTA are shown in Table 11. The vibration thresholds associated with human annoyance are shown in Table 12.

Table 11. Construction Vibration Damage Criteria

Building Category	PPV (in/sec)
I. Reinforced-concrete, steel, or timber (no plaster)	0.5
II. Engineered concrete and masonry (no plaster)	0.3
III. Non-engineered timber and masonry buildings	0.2
IV. Buildings extremely susceptible to vibration damage	0.12
Source: Noise Study Report, Table 4-1(Entech 2021b)	

Table 12. Groundborne Vibration Impact Criteria for General Assessment

Land Use Category	Frequent Events	Occasional Events	Infrequent Events
Category 1: Buildings where vibration would interfere with interior operations	65 VdB	65 VdB	65 VdB
Category 2: Residences and buildings where people normally sleep	72 VdB	75 VdB	80 VdB
Category 3: Institutional land uses with primarily daytime use	75 VdB	78 VdB	83 VdB
Source: Noise Study Report, Table 4-2 (Entech 2021b)			

Temporary Construction Impacts

Based on the FTA's reference vibration levels, a large bulldozer represents the peak source of vibration with a reference level of 0.089 (in/sec) at a distance of 25 feet. At the nearest residential receptor, the vibration level would be 0.004 in/sec (60 VdB), far less than what could cause damage according to FTA's damage criteria thresholds (Table 11). Using the construction vibration assessment annoyance criteria

provided by the FTA for infrequent events (Table 12), the Project site would neither include nor require equipment, facilities, or activities that would result in perceptible human response (annoyance) that exceeds the FTA criteria of 0.2 in/sec or 80 VdB respectively.

Further, any potential temporary vibration effects at the nearest sensitive receptor are unlikely to be sustained during the entire anticipated 8-month construction period, but would occur rather only during the times that heavy construction equipment is operating near the Project site perimeter. Moreover, construction at the Project site would be restricted to daytime hours consistent with City requirements, thereby eliminating potential vibration impacts during the sensitive nighttime hours. On this basis, the potential for the Project to result in exposure to or generation of excessive ground-borne vibration is determined to be less than significant. No mitigation is required.

Permanent Operational Impacts

Post Project construction operations would entail continued use of Pennsylvania Avenue with the expanded lanes and sidewalk improvements. Groundborne vibration from vehicular traffic rarely causes a disturbance within buildings located in urban environments unless the pavement surface is uneven or the receptor is highly sensitive to groundborne vibration (e.g., a scientific research establishment). Such conditions would not be present. Therefore, groundborne vibration levels associated with the improved Pennsylvania Avenue are not expected to increase because of Project implementation. No permanent impacts are anticipated with Project operations and no mitigation is required.

c) For a Project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the Project area to excessive noise levels?

No impact. The Project site is not located within an airport land use plan or within 2 miles of a public airport or private airstrip. The nearest airport facility to the Project site is the Banning Municipal Airport, which is approximately 6 miles east of the Project site. Therefore, no temporary or permanent impacts associated with airports or private airstrips would occur, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

The following mitigation measures would be implemented to reduce potential impacts to less than significant.

MM NOI-1 The City shall implement a construction notification plan described herein to keep nearby occupants informed of the Project's construction schedule. Prior to construction activities and within 2 weeks following award and execution of the construction contract, the Contractor shall provide the City with a construction schedule that identifies: (1) start date of construction, (2) anticipated weekly work zones by the estimated date shown on an aerial map (or plan sheet overview), (3) estimated construction

completion date and (4) website address for accessing the construction schedule on-line. The construction contractor shall update the schedule at least every two weeks and provide the City's schedule by the following day for posting on the City's website.

MM NOI-2 All construction equipment, stationary and mobile, shall be equipped with properly operating and maintained muffling devices, intake silencers, and engine shrouds no less effective than as initially equipped by the manufacturer. The Contractor shall be required to document compliance in a written and signed statement provided to the City.

MM NOI-3 The construction contractor shall adequately maintain and tune all construction equipment to minimize noise emissions. The Contractor shall be required to document compliance in a weekly construction log or weekly email provided to the City.

MM NOI-4 The construction contractor shall post a contact name and telephone number of the owner's authorized representative on-site.

MM NOI-5 Noise-reducing paving materials, such as open-grade or rubberized asphalt, shall be used within the Project limits to reduce permanent traffic noise. Compliance shall be documented by one or more of the following: (1) required materials noted on the construction plans; (2) required materials noted in the specifications; (3) required materials noted in the construction contract; and/or (4) other comparable form of documentation acceptable to the City engineer.

Sources

General Plan EIR (Beaumont 2020b); Highway Noise: A Design Guide for Highway Engineers (NCHRP 1971); Municipal Code, Code of Ordinances (Beaumont 2021); Noise Study Report (Entech 2021b); Traffic Volumes (Minagar & Associates 2020).

Population and Housing

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

3.14 Population and Housing

a) Would the Project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

No impact. The Project would widen an approximately 2,800-foot long section of Pennsylvania Avenue with the addition of two new travel lanes and curb and sidewalk improvements. The Project does not propose the construction of new housing or commercial businesses that would directly induce population growth in the area. The Project would improve existing vehicular travel and pedestrian access in the area but would not extend roadway or other infrastructure into new areas that could lead to indirect or unplanned growth. Existing roadway connections would be maintained and the Project is consistent with the General Plan EIR Figure 5.16-7 Roadway Classification (Beaumont 2020b). No temporary or permanent impacts are anticipated, and no mitigation is required.

b) Would the Project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No impact. There are no housing units located within the Project site. Therefore, the Project would not displace housing. No temporary or permanent impact would occur, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

General Plan EIR (Beaumont 2020b).

Public Services

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Would the Project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:				
Fire protection?	☐	☐	☒	☐
Police protection?	☐	☐	☒	☐
Schools?	☐	☐	☐	☒
Parks?	☐	☐	☐	☒
Other public facilities?	☐	☐	☐	☒

3.15 Public Services

a) Would the Project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services?

i) Fire protection

Less than significant impact. The nearest fire stations to the Project site are Beaumont City Fire Station located at 628 Maple Avenue, approximately 0.5 mile west of the Project site, and Beaumont Fire Station located at 1550 East 6th Street, approximately 1 mile east of the Project site. Both stations would be adequate for servicing the Project site, similar to existing conditions, without the need for alterations to existing facilities or construction of new facilities.

Short-term construction activities may result in partial lane closures and/or the need to direct traffic around active work areas during widening of Pennsylvania Avenue. In addition, the at-grade UPRR railroad crossing would be closed for approximately one month to complete widening within UPRR right-of-way. Such activities would require implementation of a Traffic Control Plan (TCP) pursuant to the

contractor's contract documents and specifications. The TCP is required for implementation of vehicular and pedestrian traffic controls, maintenance of vehicular and pedestrian access through work areas, detours, and street closures. Implementation of the TCP would minimize the potential effects of restricted vehicle access during construction. Implementation of a standard City-required TCP would reduce potential temporary impacts to less than significant, and no mitigation is required.

The proposed Project would not create a new permanent public safety or fire hazard resulting in the need for increased or expanded services. The Project proposes to widen Pennsylvania Avenue from 1st street to 6th street, consistent with the General Plan EIR Figure 5.16-7 Roadway Classification, which is anticipated to reduce long-term congestion and enhance accessibility (Beaumont 2020b). The Project would not result in the need for new or physically altered government facilities and would not effect response times or performance objectives. No long-term permanent impacts are anticipated, and no mitigation is required.

ii) Police protection

Less than significant impact. The Beaumont Police Department would provide service to the Project site in the event of a service call, with the nearest station located approximately 0.5 mile away at 660 Orange Avenue. The Project would not induce population growth that could lead to any permanent incremental or cumulative increase in demand for service, impact public facilities or emergency response times. Temporary access impacts resulting from construction activities would be less than significant with implementation of a City-required TCP. Therefore, potential permanent and temporary impacts to police services are considered less than significant, and no mitigation is required.

iii) Schools

No impact. The nearest school to the Project site is Palm Elementary School (751 Palm Avenue), located approximately 0.35 mile from the Project site. The Project proposes widening of existing Pennsylvania Avenue, consistent with the General Plan EIR Figure 5.16-7 Roadway Classification (Beaumont 2020b). The Project does not include residential uses that would increase use of the existing school facilities identified above or require the construction of new school facilities. Therefore, no temporary or permanent impact would occur, and no mitigation is required.

iv) Parks

No impact. The Project proposes no direct change to existing park facilities or construction of residential uses that would indirectly increase use of existing park facilities or increase the demand for construction of new park facilities. No temporary or permanent impact would occur, and no mitigation is required.

v) Other public facilities

No impact. The Project proposes no change to existing public facilities other than stormwater and utility infrastructure improvements associated with those described in Section 2.8 of this Initial Study. The Project does not propose new residential or commercial uses that would increase use of existing public facilities or require the construction of new public facilities such as libraries or public works facilities. No temporary or permanent impact is anticipated, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

General Plan EIR (Beaumont 2020b).

Recreation

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Would the Project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☒
b) Does the Project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☒

3.16 Recreation

a) Would the Project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

No impact. The Project proposes no increase in residential development that would increase the demand for parks or other recreational facilities. The Project is also not expected to cause a significant increase in employment, only temporary construction jobs required to widen the roadway. Therefore, no direct or indirect increase in demand or use of existing parks or recreational facilities would result from Project implementation. No temporary or permanent impact would occur, and no mitigation is required.

b) Does the Project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

No impact. The Project proposes widening of Pennsylvania Avenue from two to four lanes, consistent with the General Plan EIR Figure 5.16-7 Roadway Classification. The Project neither proposes the development of recreational facilities nor does it require the construction or expansion of recreational facilities. Therefore, no temporary or permanent impacts would occur, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

Google Earth Investigation (Moffatt & Nichol 2021).

Transportation

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☒	☐
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	☒
d) Result in inadequate emergency access?	☐	☐	☒	☐

3.17 Transportation

The findings in this section are partially drawn from the Project's CEQA Transportation Vehicle Miles Traveled (VMT) Screening report ("Traffic Report") prepared by Minagar & Associates and is included in this IS/MND as Appendix J (Minagar & Associates 2020). Findings in this section are also based on review of the General Plan EIR (Beaumont 2020b).

Pursuant to the Traffic Report, the existing cross-sections on Pennsylvania vary by segment. South of East 6th Street, the cross section consists of limited curb and gutter along the commercial frontage on the east side of the street, with the roadway narrowing from 54 feet at East 6th Street to 40 feet where it passes underneath the I-10 freeway overpass. South of the I-10 freeway, the roadway narrows further to 38 feet wide where it crosses the existing at-grade UPRR railroad crossing located 200 feet from the freeway overpass, with no curb and gutter improvements. South of the UPRR rail crossing to East 3rd Street, Pennsylvania Avenue widens to 58 feet with curb and gutter on the west side only, alongside a 500-foot long section of industrial frontage. This segment includes vehicle turning pockets onto East 3rd Street. South of East 3rd Street to East 1st Street, the roadway narrows to 42 feet wide, with a painted median separating the singular northbound and southbound traffic lanes and no curb or gutter on either side. The existing intersection traffic controls within Pennsylvania Avenue are listed below.

- East 6th Street at Pennsylvania Avenue has a 4-way traffic signalized intersection

- I-10 westbound off-ramp at Pennsylvania Avenue has a 1-way stop controlled intersection
- UPRR railroad at-grade crossing at Pennsylvania Avenue has a 2-track gated railroad signal
- East 3rd Street at Pennsylvania Avenue has a 1-way stop controlled intersection
- East 1st Street at Pennsylvania Avenue has a 4-way stop controlled intersection

There are currently no striped bicycle lanes, and pedestrian facilities are limited throughout the corridor. On-street parking is not allowed, and the posted speed limit is 35 miles per hour. There are no existing transit stops within the Project site but Pennsylvania Avenue does support the bus routes listed below.

- Route 3 – Route 3 provides service to the Walmart transfer station, Sundance, Beaumont High School, and Cherry Valley during the weekdays. Bus services along Route 3 operate from 6:24 AM to 6:02 PM at varying headways, and at least one hour apart on weekdays. On Saturdays, Route 3 operates in conjunction with Route 4.
- Route 4 – Route 4 provides service throughout midtown Beaumont to the Walmart transfer station, San Gorgonio Hospital transfer station, Orchard Park, and Chatigny Recreational Center. Bus servicers along Route 4 operate from 7:35 AM to 7:35 PM at varying headways, at least one-hour apart on weekdays.
- Commuter Link 120 – Commuter Link 120 is an express route that provides service from Beaumont to Calimesa, San Bernardino Metrolink Station and Loma Linda Veteran's Hospital. The San Bernardino Metrolink Station provides transfer connections to Amtrak train services, as well as Riverside Transit Agency, OmniTrans, Victor Valley Transit Authority, and Mountain Area Regional Transit Authority.

Pursuant to the General Plan EIR, Pennsylvania Avenue between East 1st Street and East 6th Street is identified as follows: a Transit Priority corridor with potential [future] transit station location (Figure 5.16-5, Priority Transit Network); a Major Highway (Painted Median) roadway (Figure 5.16-7, Roadway Classification); and a Bicycle and Pedestrian Priority facility (Figure 5.16-14, Bicycle and Pedestrian Priority Network) (Beaumont 2020b).

a) Would the Project conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Less than significant impact. Temporary construction activities may result in partial lane closures and/or the need to direct traffic around active work areas during widening of Pennsylvania Avenue. In addition, the at-grade UPRR railroad crossing would be closed for approximately one month to complete widening within UPRR right-of-way. Such activities would require implementation of a Traffic Control Plan (TCP) pursuant to the contractor's contract documents and specifications. The TCP is required for implementation of vehicular and pedestrian traffic controls, maintenance of vehicular and pedestrian access through work areas, detours, and street closures. Implementation of the TCP would minimize the

potential effects of closure and detour-related restricted vehicle, pedestrian, bicycle and transit access during construction. Encroachment permits would also be required from Caltrans for temporary work within I-10 right-of-way and from UPRR for temporary work within rail right-of-way to minimize the potential for disruption to these transportation facilities. Implementation of a City-required TCP and compliance with conditions of the applicable encroachment permits would reduce potential temporary impacts to less than significant, and no mitigation is required.

Permanent changes to Pennsylvania Avenue would be done consistent with the proposed buildout of the City's transportation system and Pennsylvania Avenue as Major Highway. No permanent adverse impacts to I-10 or UPRR rail facilities or service would occur. No adverse long-term operational impacts are anticipated, and no mitigation is required.

b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

Less than significant impact. Project construction would temporarily generate additional VMT on the local roadway system, resulting from worker vehicle trips and truck hauling trips traveling to and from the site. Based on the anticipated number of workers/vendors and length of travel calculated in the Air Quality and Greenhouse Gas Study using CalEEMod, the number of trips would vary from as little as 8 worker trips per day to 53 worker trips and 21 vendor trips per day depending on construction phase. Using CalEEMod's default anticipated travel distances for workers (14.7 miles) and vendors (20 miles), temporary VMT could range from an additional 118 VMT per day to 1,199 VMT per day. Because this VMT would be temporary, impacts would be considered less than significant, and no mitigation is required.

Pursuant to the Office of Planning and Research guidelines, the VMT screening criteria for transportation is based on the type of proposed roadway improvement. Once the initial screening criteria is performed, and if applicable triggers the need of further analysis, additional consideration is taken regarding whether a project would reduce or promote greater vehicular travel. For example, a project that proposes an entirely new roadway into new areas would potentially have a significant impact on induced VMT that would need to be calculated. However, in a scenario that a new roadway provides a shorter route alternative between existing developed areas, VMT would be decreasing as vehicles travel a shorter distance and the Project would be considered to have a less-than-significant impact.

For the initial screening criteria, transit and active transportation projects promoting alternative modes of travel and/or carpooling tend to reduce VMT and would not be required to perform a VMT analysis as they are presumed to have a less-than-significant impact. Although not an exhaustive list, other examples of projects presumed to have a less than significant VMT impact based on the Office of Planning and Research's guidance are listed below.

- Addition of roadway capacity on local or collector streets provided the project also substantially improves conditions for pedestrians, cyclists and, if applicable, transit

- Grade separations to separate vehicles from trail, transit, pedestrians, or bicycles
- Rehabilitation, maintenance, replacement, and safety projects to improve conditions of existing transportation infrastructure
- Roadside safety devices or hardware installation such as median barriers and guardrails
- Roadway shoulder enhancements to provide "breakdown space," dedicated space for use only by transit vehicles, to provide bicycle access, or to otherwise improve safety, but which will not be used as automobile vehicle travel lanes

Based upon the City of Beaumont's Senate Bill (SB) 743 VMT Thresholds for CEQA Compliance Related to Transportation Analysis ratified by the City Council on June 16, 2020, if a project is consistent with the Regional Transportation Plan & Sustainable Communities Strategy (RTP/SCS), then the project should not require additional analysis for VMT. The Project was previously contemplated as a part of the Southern California Association of Governments (SCAG)'s RTP/SCS identification #2016A319: Grade Separation Under Crossing at Pennsylvania Ave and UPRR, including Widening, Sidewalk Improvements and Traffic Signalization. As the widening of Pennsylvania Avenue has been included in Riverside County's Circulation Element of the General Plan and classified as a major highway in accordance with the classification of the Project roadway upon completion, the Air Quality Element which ensures that developments within the County reduce Greenhouse Gas emissions overall was also contemplated. Therefore, based upon the City of Beaumont's SB 743 VMT Thresholds, the Project is screened out of further VMT analysis (Minagar & Associates 2020). It should also be noted that the Project would improve and enhance pedestrian facilities along the corridor and improve traffic operations not only at the I-10/Pennsylvania Avenue interchange but also at two nearby interchanges, the I-10/Beaumont Avenue interchange to the west and the I-10/Highland Springs interchange to the east (Minagar & Associates 2020). Based on the analysis above, potential permanent operational impacts are considered less than significant, and no mitigation is required.

c) Would the Project substantially increase hazards due to a geometric design feature (e.g., sharp curves of dangerous intersections) or incompatible uses (e.g., farm equipment)?

No impact. The Project proposes widening of the existing Pennsylvania Avenue consistent with the General Plan EIR Figure 5.16-7 Roadway Classification. The widened roadway is anticipated to increase safety and traffic mobility within this corridor by accommodating a similar amount of traffic to that which presently exists, with more space for traffic flow (Minagar & Associates 2020). Pedestrian safety is also anticipated to improve with the addition of new sidewalk facilities on the west side. Currently, no sidewalk facilities are available between East 1st Street and East 3rd Street or between the UPRR tracks and East 6th Street. The existing at-grade UPRR crossing would also be improved with updated signage. No unusual geometric design features or incompatible uses are proposed. No temporary or permanent adverse impacts are anticipated, and no mitigation is required.

d) Would the Project result in inadequate emergency access?

Less than significant impact. Temporary construction activities may result in partial lane closures and/or the need to direct traffic around active work areas during widening of Pennsylvania Avenue. In addition, the at-grade UPRR railroad crossing would be closed for approximately one month to complete widening within UPRR right-of-way. Such activities would require implementation of a TCP pursuant to the contractor's contract documents and specifications. The TCP is required for implementation of vehicular and pedestrian traffic controls, maintenance of vehicular and pedestrian access through work areas, detours, and street closures. Implementation of the TCP would minimize the potential effects of restricted emergency vehicle access during construction. Implementation of a City-required TCP would reduce potential temporary impacts to less than significant, and no mitigation is required.

The proposed Project would not permanently restrict vehicle access. The Project proposes to widen Pennsylvania Avenue from East 1st Street to East 6th Street, consistent with the General Plan EIR Figure 5.16-7 Roadway Classification, which is anticipated to reduce long-term congestion and enhance accessibility. No long-term adverse permanent impacts to emergency access or emergency response times are anticipated, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

CEQA Transportation (VMT) Screening (Minagar & Associates 2020); General Plan EIR (Beaumont 2020b).

Tribal Cultural Resources

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☐	☐	☒
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1 for the purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☐	☒

3.18 Tribal Cultural Resources

The information and findings provided in this section are based on the Phase I Historical/Archaeological Resources Survey dated September 6, 2018 and Addendum dated February 24, 2021 (Cultural Report), which was prepared for the Project site by CRM TECH and is included in this IS/MND as Appendix D (CRM TECH 2018 and CRM TECH 2021b). The Project's potential impact on tribal cultural resources was also evaluated in compliance with AB52 requirements pursuant to California Public Resources Code Section 21080.3.1.

The following California Native American tribes traditionally and culturally affiliated with the Project area were notified of the Project: Agua Caliente Band of Cahuilla Indians; Augustine Band of Cahuilla Mission Indians; Cabazon Band of Mission Indians; Cahuilla Band of Indians; Los Coyotes Band of Cahuilla and Cupeno Indians; Morongo Band of Mission Indians; Ramona Band of Cahulla; Soboba Band of Mission Indians; Torres-Martinez Desert Cahuilla Indians; Santa Rosa Band of Cahuilla Indians. The City of Beaumont, as the CEQA lead agency, initiated formal AB52 consultation requests on **June 5, 2020.** The City received responses from the Cabazon Band of Mission Indians and Soboba Band of Luiseño Indians. A summary of this correspondence is provided below:

- Cabazon Band of Mission Indians representative indicated on June 10, 2020 that there is no presence of Native American resources that may be impacted by the proposed Pennsylvania Avenue Widening Project.

- Soboba Band of Luiseño Indians requested to initiate formal consultation with the City of Beaumont on June 23, 2020. The City of Beaumont conducted consultation with the Soboba

Band of Luiseño Indians on July 2, 2020. Soboba Band of Luiseño Indians indicated that they had no comments on the Project but wanted to conduct a consultation on behalf of Morongo Band of Mission Indians as they were having a transition in their staff. No requests for additional meetings, conditions of approval or mitigation resulted from these meetings.

The AB52 consultation period concluded on **July 20, 2020**. No conditions of approval or mitigation measures associated with tribal cultural resources were made a condition of the Project based on the results of the AB52 consultation process. Potential for impacts on tribal cultural resources are further discussed in this Section 3.18 below.

Would the Project cause a substantial adverse change in the significance of a Tribal Cultural Resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American Tribe, and that is:

a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or

No impact. The Project site is located within the San Gorgonio Pass area, which has long been part of the traditional homeland of the Cahuilla Indians, a Takic-speaking people who were primarily hunters and gatherers prior to European contact. However, as discussed in detail in Section 3.5, the Project site contains no historical resources. The Cultural Resource Report prepared for this Project (CRM TECH 2018 and CRM TECH 2021b), did not identify any structural remains or historic-period artifacts within the APE. As the result of extensive modern alterations, none of the features discussed in Section 3.5 demonstrated any particularly historical characteristics in their current configuration. Therefore, none of them constitute a potential "historical resource" that warrants formal evaluation. In addition, AB52 consultation conducted between June 5, 2020 and July 20, 2020 indicated that there is no presence of Native American resources that may be impacted by the proposed Project. No temporary or permanent impacts are anticipated, and no mitigation is required.

b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1 for the purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American tribe.

No impact. As discussed above in Section 3.5 and this section above, the Project is not anticipated to impact a cultural resource or tribal cultural resource. The Project site contains no historical resources and is not anticipated to disturb an archeological or tribal cultural resource during temporary construction (ground disturbance) activities. The Project only proposes to widen an existing roadway; permanent

changes in use or substantive changes in landscape are not proposed. Therefore, no temporary or permanent impacts are anticipated, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required

Sources

Phase I Historical/Archeological Resources Survey and Addendum to Phase I Historical/Archaeological Resources Survey (Cultural Report) (CRM TECH 2018 and CRM TECH 2021b).

Utilities and Service Systems

Would the Project:

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's Projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	☒

3.19 Utilities and Service Systems

a) Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities the construction or relocation of which could cause significant environmental effects?

Less than significant impact. The Project entails widening an existing roadway consistent with the General Plan EIR Figure 5.16-7 Roadway Classification. No wastewater treatment facilities are associated with the Project or required to serve the Project. Proposed improvements would require the relocation of various utilities, including electrical utility poles, and the construction of storm water infrastructure as described in Section 2.8 of the IS/MND. These improvements are accounted for in the Project description and Project footprint shown on Figure 2.

The proposed storm water facilities are designed to properly manage/treat storm water flows and be integrated into the existing City storm water system as discussed in Section 3.9 of this IS/MND. Culvert

extensions would potentially encroach into jurisdictional waters under the purview of USACE, RWQCB and/or CDFW; however, if this were the case, the Project would obtain applicable permits and authorizations prior to any potential impacts as discussed in Section 3.4 of this IS/MND. Therefore, potential impacts resulting from these facilities would be less than significant and no additional analysis or mitigation is required other than what has been provided in this IS/MND. Compliance with required regulatory permits would reduce potential temporary and permanent impacts to less than significant.

b) Would the Project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

Less than significant impact. Water supply would potentially be needed for watering of exposed soils to control dust during temporary construction activities and for long-term irrigation of any street landscaping. Both temporary and long-term permanent water use for the Project is anticipated to be relatively low as it does not propose residential or commercial development, which is typically associated with higher levels of water demand. The Project is within the Beaumont-Cherry Valley Water District which has a total well capacity as of 2015 is about 27.5 million gallons per day and current maximum customer demand for water is estimated at 15.3 mgd (Beaumont 2020b). Based on the relatively low water demands for the Project and the available water supplies, potential impacts are considered less than significant, and no mitigation is required.

c) Would the Project result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's Projected demand in addition to the provider's existing commitments?

No impact. The Project entails widening an existing roadway consistent with the General Plan EIR Figure 5.16-7 Roadway Classification. No wastewater treatment facilities are associated with the Project or required to serve the Project. No temporary or permanent impact would occur, and no mitigation is required.

d) Would the Project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less than significant impact. The City of Beaumont uses Lamb Canyon Sanitary Landfill to dispose of waste within the general plan area. It has a remaining capacity of 19,242,950 cubic yards as of January 2015, a maximum permitted throughput of 5,000 tons per day, and is scheduled to continue operations through April 2029 (Beaumont 2020b and CalRecycle 2021). In addition, Lamb Canyon Landfill is currently undergoing a permitting process to increase capacity and extend the life of the facility. The Project's construction waste is anticipated to consist predominantly of concrete and asphalt waste that can be recycled and other typical construction waste that can be taken to the landfill. Operational waste management is expected to be marginal consisting of standard trash removal and street sweeping activities to maintain the road. No new businesses or residences are proposed that are typically associated with

more substantial amounts of construction and operational waste streams. Therefore, permitted capacity is available, the Project's temporary and permanent long-term contribution to solid waste is considered less than significant, and no mitigation is required.

e) Would the Project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

No impact. The Project would produce solid waste associated with the site preparation, construction and operational stages of the Project. Pursuant to the General Plan EIR Community Facilities and Infrastructure Goal 7.6, the City is working on developing a zero-waste program that increases recycling and reduces waste sent to the landfill by encouraging construction materials to avoid "Red List" materials and chemicals and by ensuring construction demolition achieves the state's 50 percent target for material salvage and recycling of non-hazardous construction materials (Beaumont 2020b). The Project would comply with federal and state policies and be consistent with General Plan Goal 7.6. Therefore, no conflict with applicable statutes or regulations are anticipated, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

SWIS Facility/Site Activity Details, Lamb Canyon Sanitary Landfill (33-AA-0007) (CalRecycle 2021); General Plan EIR (Beaumont 2020b).

Wildfire				
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

3.20 Wildfire

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

Pursuant to the General Plan EIR Figure 5.8-1 Fire Hazard Severity Zones, Pennsylvania Ave from 1st to 6th street is outside of the high fire hazard area (Beaumont 2020b). Pursuant to review of the California Fire hazard Severity Zone Viewer, the Project site is located also outside of the moderate, high, and very high Fire Hazard Severity Zone (CAL FIRE 2021).

a) Would the project Substantially impair an adopted emergency response plan or emergency evacuation plan?

Less than significant impact. The Project is not located in a high fire zone. The Project would neither physically interfere with nor impair implementation of any existing emergency response plan or emergency evacuation plan. Review of the General Plan EIR Figure 5.8-3 Evacuation Routes shows that the I-10 freeway is a designated evacuation route (Beaumont 2020b). Potential impacts regarding access to the I-10 via Pennsylvania Avenue during temporary construction activities would be avoided through implementation of a Traffic Control Plan (TCP) pursuant to the contractor's contract documents and specifications. The TCP is required for implementation of vehicular and pedestrian traffic controls, maintenance of vehicular and pedestrian access through work areas, detours, and street closures.

Implementation of the TCP would reduce potential temporary impacts to less than significant in the event of an emergency evacuation. Once Project construction is complete, the Project would result in an expanded Pennsylvania Avenue that should provide improved access to I-10 in the event of an emergency evacuation. Therefore, potential permanent operational impacts would be less than significant, and no mitigation is required.

b) Due to slope, prevailing winds, and other factors, would the Project exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

No impact. The Project is in a relatively flat area and does not propose substantial changes to topography, only the widening of an existing roadway. No habitable buildings or structures are proposed or located within the Project footprint. The Project does not propose an increase in use of the roadway, only an expansion to accommodate current uses and for consistency with the General Plan roadway classification. No temporary or permanent operational impacts are anticipated, and no mitigation is required.

c) Would the Project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

No impact. The Project is outside of the high fire hazard area pursuant to the General Plan Figure 9.3 and Figure 9.4 (Beaumont 2020a). New roads, fuel breaks, power lines, or other utilities would not be installed as part of the Project. In addition, the Project would not impact emergency water sources. Therefore, no temporary or permanent operational impacts are anticipated, and no mitigation is required.

d) Would the Project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

No impact. The Project site and adjacent areas are relatively flat and the Project does not propose substantial changes to existing topography. Widening of the roadway would add additional impervious surface area. This increase in impervious surface could potentially impact downstream water flows if proper storm water infrastructure is not incorporated into the Project design. This is potentially true for any project that increases impervious surface area, and in this case, would not be related-to or exacerbated-by post-fire slope instability. Therefore, the Project was designed to incorporate storm water infrastructure and manage flows prior to release to the downstream system. No temporary or permanent operational impacts are anticipated, and no mitigation is required.

Avoidance, Minimization and/or Mitigation Measures

No significant direct, indirect, or cumulative impacts were identified, and no mitigation is required.

Sources

General Plan (Beaumont 2020a); General Plan EIR (Beaumont 2020b); California Hazard Severity Zone Viewer (CAL FIRE 2021).

Mandatory Findings of Significance

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Does the Project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the Project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a Project are considerable when viewed in connection with the effects of past Projects, the effects of other current Projects, and the effects of probable future Projects.)	☐	☐	☒	☐
c) Does the Project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

3.21 Mandatory Findings of Significance

a) Does the Project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Less than significant with mitigation. As discussed in Section 3.4, the Project site is in an urbanized area, would occur predominantly within existing road right-of-way, and adjacent undeveloped lands are heavily disturbed. No sensitive vegetation communities or critical habitat occur onsite. Some riparian vegetation is present and riverine drainages would be partially impacted. The Project site also has potential for supporting nesting birds protected by the MBTA and is in a MSHCP survey area for burrowing owl, Marvin's onion, and many-stemmed dudleya. The site does not contain suitable habitat to support these species. Avoidance measures **AM BIO-1** and **AM BIO-3** would be required to perform preconstruction burrowing owl and nesting bird surveys to minimize the chance for temporary construction impacts to burrowing owl and birds. Mitigation measure **MM BIO-2** would be required to compensate for impacts to riverine resources. Implementation of **AM BIO-1**, **MM BIO-2**, and **AM BIO-3** would reduce potential impacts to less than significant.

As discussed in Section 3.18, potential impacts to cultural resources are not anticipated, but minimization measure **MM CUL-1** would require the City to retain a qualified on-call archeologist in the event of an unanticipated discovery during construction earthwork. Implementation of **MM CUL-1** would minimize the chance for impacts to a cultural resource and reduce potential temporary construction impacts to less than significant. Minimization measure **MM GEO-1** would require implementation of a paleontological resource impact mitigation program to monitor ground disturbance in sensitive locations, and collect and document any resources uncovered during construction. Implementation of minimization measure **MM GEO-1** would reduce potential impacts to paleontological resources to less than significant.

b) Does the Project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a Project are considerable when viewed in connection with the effects of past Projects, the effects of other current Projects, and the effects of probable future Projects)?

Less than significant impact. The Project would occur in a location where various other transportation projects and a drainage improvement project could reasonably be implemented in the foreseeable future. Such projects include future interchange improvements at I-10 and Pennsylvania Avenue, a future grade separation at UPRR rail line and Pennsylvania Avenue, connection of 2nd Street to Pennsylvania Avenue, and a Riverside County-initiated master drainage improvement project that crosses Pennsylvania Avenue. The proposed Project has considered potential implementation of these other projects in the area and is designed consistent with build-out of the General Plan EIR's roadway classification. Pending environmental clearances and available funding for the other projects, they would be implemented at various times in the future. No permanent conflict or substantial temporary increase in impacts is anticipated to occur in consideration of the proposed Project and the phased implementation of other future projects in the area. Potential impacts would be less than significant, and no mitigation is required.

c) Does the Project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Less than significant with mitigation. Previous sections of this Initial Study/Mitigated Negative Declaration reviewed the Project's potential impacts related to Noise and Hazardous Materials among other environmental issue areas. As concluded in these previous discussions, the Project would result in less than significant environmental impacts with implementation of standard conditions and recommended mitigation measures **MM NOI-1** to reduce permanent roadway operational noise impacts and **MM NOI-2**, **MM NOI-3**, **MM NOI-4**, and **MM NOI-5** to reduce potential temporary construction noise impacts. Mitigation measures HAZ-1 and HAZ-2 would also be required to reduce potential impacts associated with handling a disposal of contaminated soils and lead based paint roadway striping. Implementation of the above-described mitigation measures would reduce potential impacts to less than significant.

4.0 LIST OF PREPARERS

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- Carole Kendrick, Senior Planner
- Jeff Hart, Director of Public Works

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- Emily Beck, GIS and Figures

4.3 CRM TECH (Cultural Resources Technical Study, Paleontological Resources Technical Study)

- Bai "Tom" Tang, Principal Investigator
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4.4 Entech Consulting Group (Air Quality, GHGs, Noise Technical Studies)

- Michelle Jones, President/Principal Engineer

4.5 Jericho Systems, Inc. (Biological Resources Technical Study)

- Shay Lawrey, President, and Ecologist/Regulatory Specialist
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4.6 Kimley Horn (Design Engineer)

- Darren Adrian, P.E.
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4.7 Leighton Consulting, Inc. (Hazardous Materials Technical Study)

- Meredith Church, PG 8326

4.8 Minagar & Associates, Inc. (Traffic Technical Study)

- Fred Minagar, MS, PE, RCE, FITE

5.0 REFERENCES

Technical Appendices

Air Quality and Greenhouse Gas Study, Pennsylvania Avenue Widening Project, prepared by Entech Consulting Group, January 2021 (Entech 2021a).

Biological Resources Assessment, Jurisdictional Delineation, prepared by Jericho Systems Inc., October 2020 (Jericho 2020a).

CEQA Transportation (VMT) Screening for the Pennsylvania Avenue Widening between 6th Street and 1st Street Improvements Project, prepared by Minagar & Associates, December 2020 (Minagar & Associates 2020).

Initial Site Assessment Pennsylvania Avenue Widening, Riverside County, California, prepared by Leighton Consulting, Inc., September 2018 (Leighton 2018).

Noise Study Report, Pennsylvania Avenue Widening Project, prepared by Entech Consulting Group, February 2021 (Entech 2021b).

Paleontological Resources Assessment Report, Pennsylvania Avenue Widening Project, prepared by CRM TECH, February 2021 (CRM 2021a).

Pennsylvania Avenue Roadway Widening and Interchange Improvements Project DRAFT Hydrology and Hydraulics Report prepared by Kimley Horn, February 2018 (Kimley Horn 2018).

Phase I Historical/Archaeological Resources Survey, Pennsylvania Avenue Widening Project (CRM TECH), prepared by CRM TECH, October 2018.

Addendum to Phase I Historical/Archaeological Resources Survey, Pennsylvania Avenue Widening Project, prepared by CRM TECH, February 2021 (CRM 2021b).

Santa Ana Region MS4 Permit Program, Draft Low Impact development: Guidance and Standards for Transportation Projects, Pennsylvania Avenue Roadway Widening, CIP No. 2017-009, prepared by Kimley Horn, March 2020 (Kimley Horn 2020).

Western Riverside County Multiple Species Habitat Conservation Plan Consistency Analysis, Pennsylvania Avenue Widening, prepared by Jericho Systems Inc., October 2020 (Jericho 2020b).

Electronic Resources

CAL FIRE. 2021. California Fire Hazard Severity Zone Viwer. (accessed January 2021 at https://gis.data.ca.gov/datasets/789d5286736248f69c4515c04f58f414

California Environmental Quality Act (CEQA) Statute and Guidelines (accessed March 2021 from Association of Environmental Professionals at https://www.califaep.org/statute_and_guidelines.php).

California Department of Conservation (CDC). Earthquake Zones of Required Investigations. April 2019. (accessed at https://maps.conservation.ca.gov/cgs/EQZApp/app/).

California Department of Conservation (CDC). January 2021. California Important Farmland Finder. (accessed January 2021 at https://maps.conservation.ca.gov/DLRP/CIFF/).

California Department of Transportation (Caltrans). September 2006. Project Development Procedures Manual, Guidelines for ISA (Accessed March 8, 2021 at https://dot.ca.gov/-/media/dot-media/programs/design/documents/pdpm-chapter18-a11y.pdf).

California Department of Transportation (Caltrans). January 2021. California Scenic Highway Mapping System. (accessed January 14, 2021 at https://www.arcgis.com/apps/webappviewer/index.html?id=2e921695c43643b1aaf7000dfcc19983).

CalRecycle. January 2021. SWIS Facility/Site Activity Details, Lamb Canyon Sanitary Landfill (33-AA-0007). (accessed January 2021 at https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/2246?siteID=2368).

City of Beaumont (Beaumont). January 2021. Municipal Code, Code of Ordinances. (accessed January 2021 at https://library.municode.com/ca/beaumont/codes/code_of_ordinances).

City of Beaumont (Beaumont). November 2020a. Beaumont General Plan Update (General Plan). (accessed January 2021 at https://www.beaumontca.gov/121/General-Plan).

City of Beaumont (Beaumont). November 2020b. Program Environmental Impact Report (Beaumont 2040 Plan). (accessed January 2021 at https://www.beaumontca.gov/121/General-Plan).

City of Beaumont (Beaumont). October 2015. Sustainable Beaumont: The City's Roadmap to Greenhouse Gas Reductions. (accessed at https://www.beaumontca.gov/DocumentCenter/View/27815/Beaumont-Climate-Action-Plan?bidId=).

Federal Highway Administration. March 2016. FHWA Environmental Technology Brief (accessed February 2021 at https://www.fhwa.dot.gov/publications/research/infrastructure/structures/98079/runoff.cfm).

Federal Emergency Management Agency. 2020. FEMA Flood Map Service Center (accessed December 2020 at https://msc.fema.gov/portal/search#searchresultsanchor).

Google Earth. 2020; 2021 (accessed 2020; 2021 at https://www.google.com/earth/).

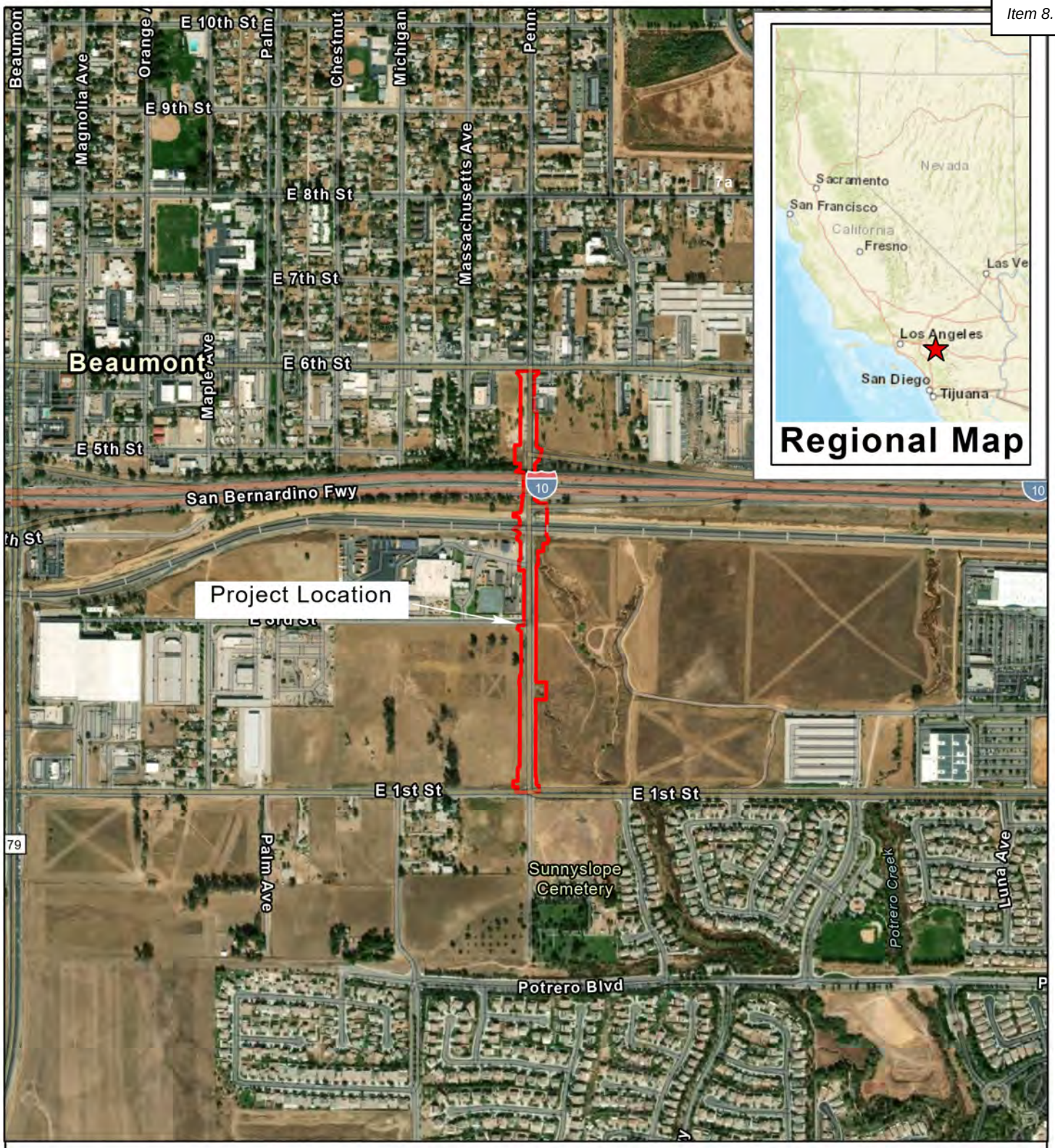
Highway Research Board. 1971. Highway Noise: A Design Guide for Highway Engineers (National Cooperative Highway Research Program (NCHRP) Report 117 1971) (accessed December 2020 at http://onlinepubs.trb.org/Onlinepubs/nchrp/nchrp_rpt_117.pdf).

Regional Water Quality Control Board. 2019. Santa Ana River Basin Plan (accessed February 2021 at https://www.waterboards.ca.gov/santaana/water_issues/programs/basin_plan/).

Riverside County Airport Land Use Commission (RCALUC). 2004. Current Compatibility Plans, Volume 1 Banning Municipal (accessed February 2021 at http://www.rcaluc.org/Plans/New-Compatibility-Plan).

United States Geological Survey. January 2021. Mineral Resources Data System. (accessed January 2021 at https://mrdata.usgs.gov/general/map-us.html).

6.0 FIGURES



Vicinity Map

PROPOSED PROJECT:
Pennsylvania Avenue Widening Project

LOCATION : Pennsylvania Avenue between 1st Street and 6th Street, Beaumont, CA 92223

FIGURE 1: Project Location

N

0 0.05 0.1 0.2 Miles

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

moffatt & nichol

PROPOSED PROJECT:
Pennsylvania Avenue Widening Project

moffatt & nichol

LOCATION ADDRESS:
Pennsylvania Avenue between 1st Street and 6th Street

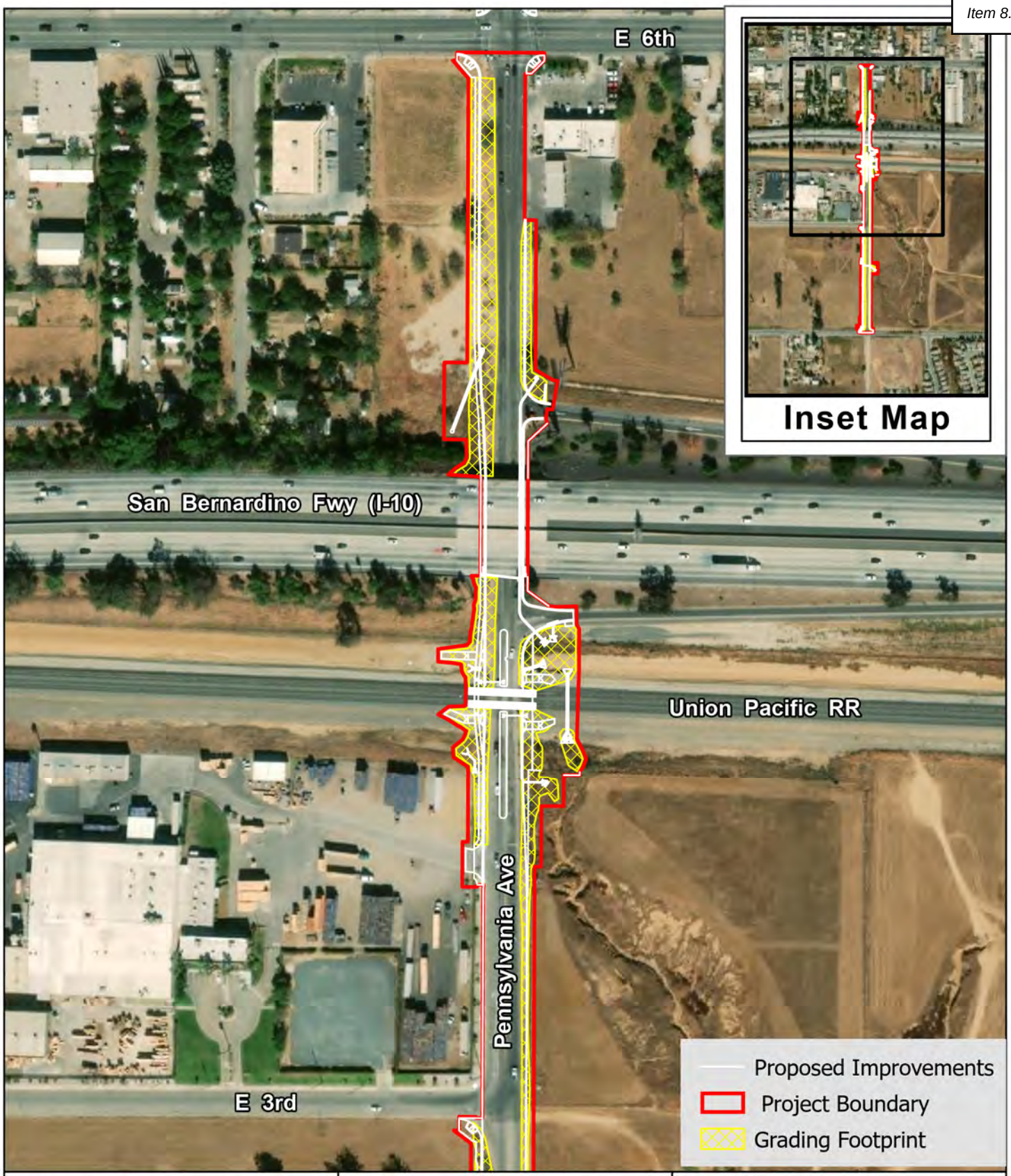
COUNTY: Riverside
STATE: CA

FIGURE 2a: Project Footprint (Full)

N

0 162.5 325 650 Feet

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Communit



PROPOSED PROJECT:
Pennsylvania Avenue Widening Project

moffatt & nichol

LOCATION ADDRESS:
Pennsylvania Avenue between 1st Street and 6th Street

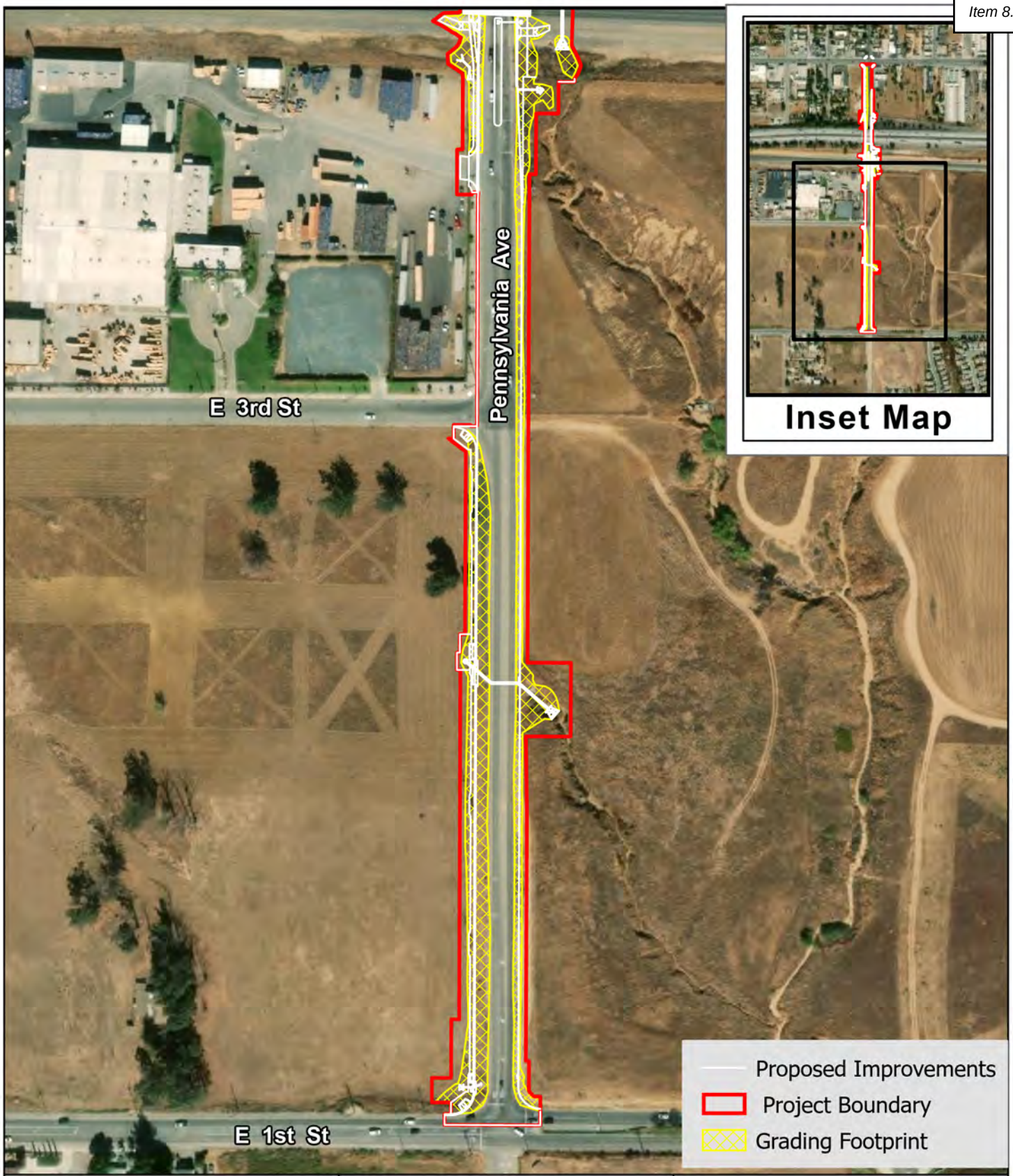
COUNTY: Riverside
STATE: CA

FIGURE 2b: Project Footprint (North)

N

0 87.5 175 350 Feet

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Communi



PROPOSED PROJECT:
Pennsylvania Avenue Widening Project

moffatt & nichol

LOCATION ADDRESS:
Pennsylvania Avenue between 1st Street and 6th Street

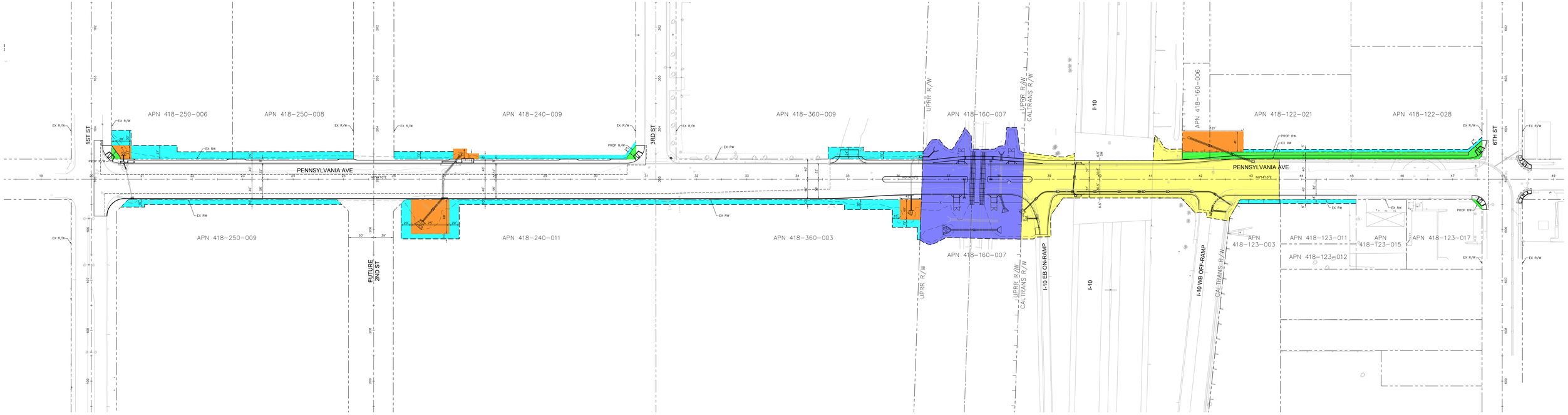
COUNTY: Riverside
STATE: CA

FIGURE 2c: Project Footprint South

N

0 87.5 175 350 Feet

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Communit



LEGEND

- PARTIAL ACQUISITION
- DRAINAGE EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- TCE WITHIN UPRR R/W
- TCE WITHIN CALTRANS R/W
- EXISTING R/W OR PL
- PROPOSED R/W

Figure 3

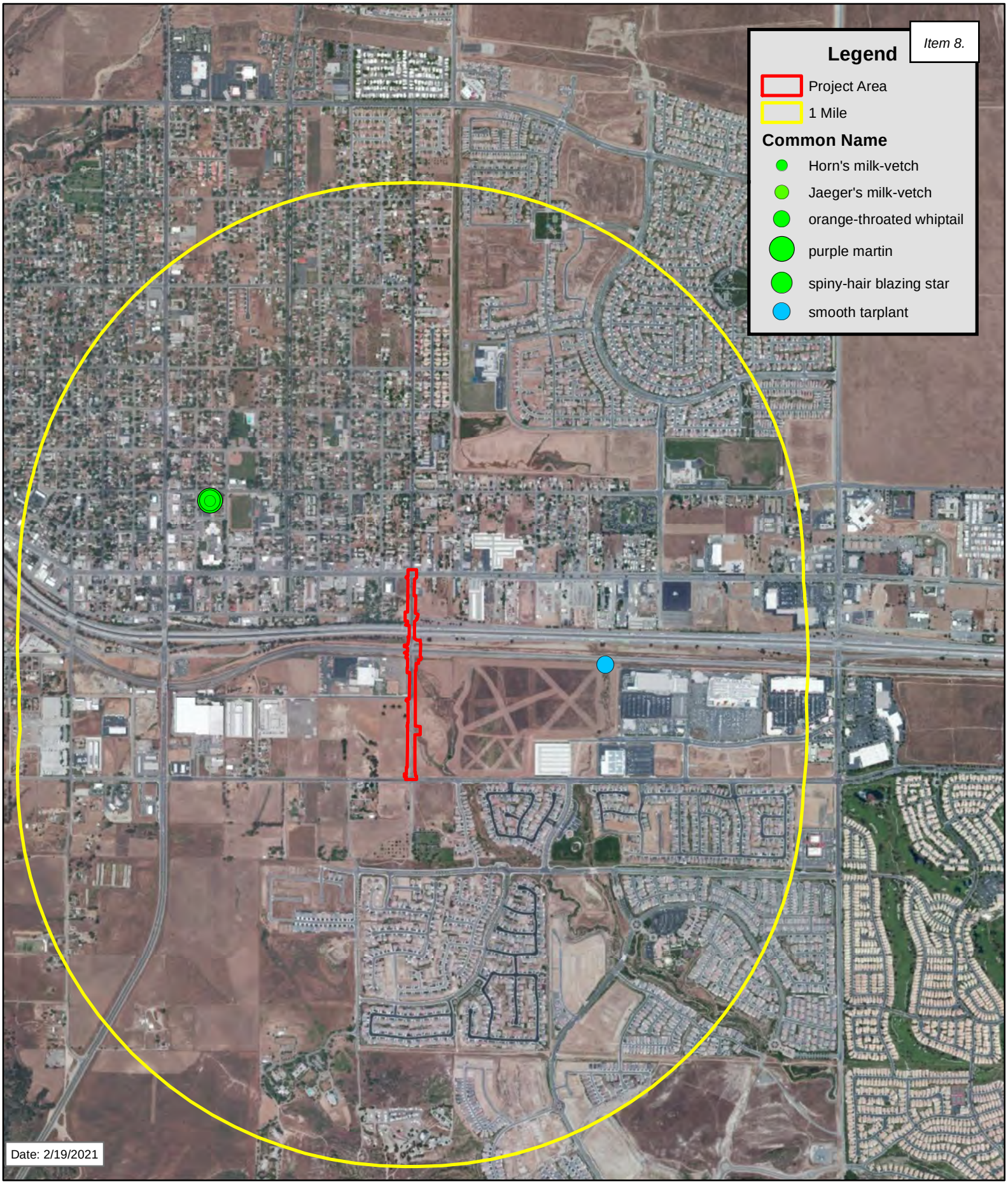
GRAPHIC SCALE IN FEET
0 25 50 100

PENN AVE WIDENING PROJECT
RIGHT-OF-WAY EXHIBIT

06/09/2020

Kimley»Horn

C:\Users\stephanie.lam\OneDrive - KHA_Penn Ave\11 Right-of-Way\Right-of-Way Exhibit\Penn Ave_ROW Exhibit Rev2.dwg



0 0.1 0.2 0.4 0.6 0.8 Miles

Imagery Date: 10/20/2019

1 inch = 1,667 feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Progress & Preservation

Figure 4
CNDDB - 1 Mile

Pennsylvania Avenue Widenin
City of Beaumont

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

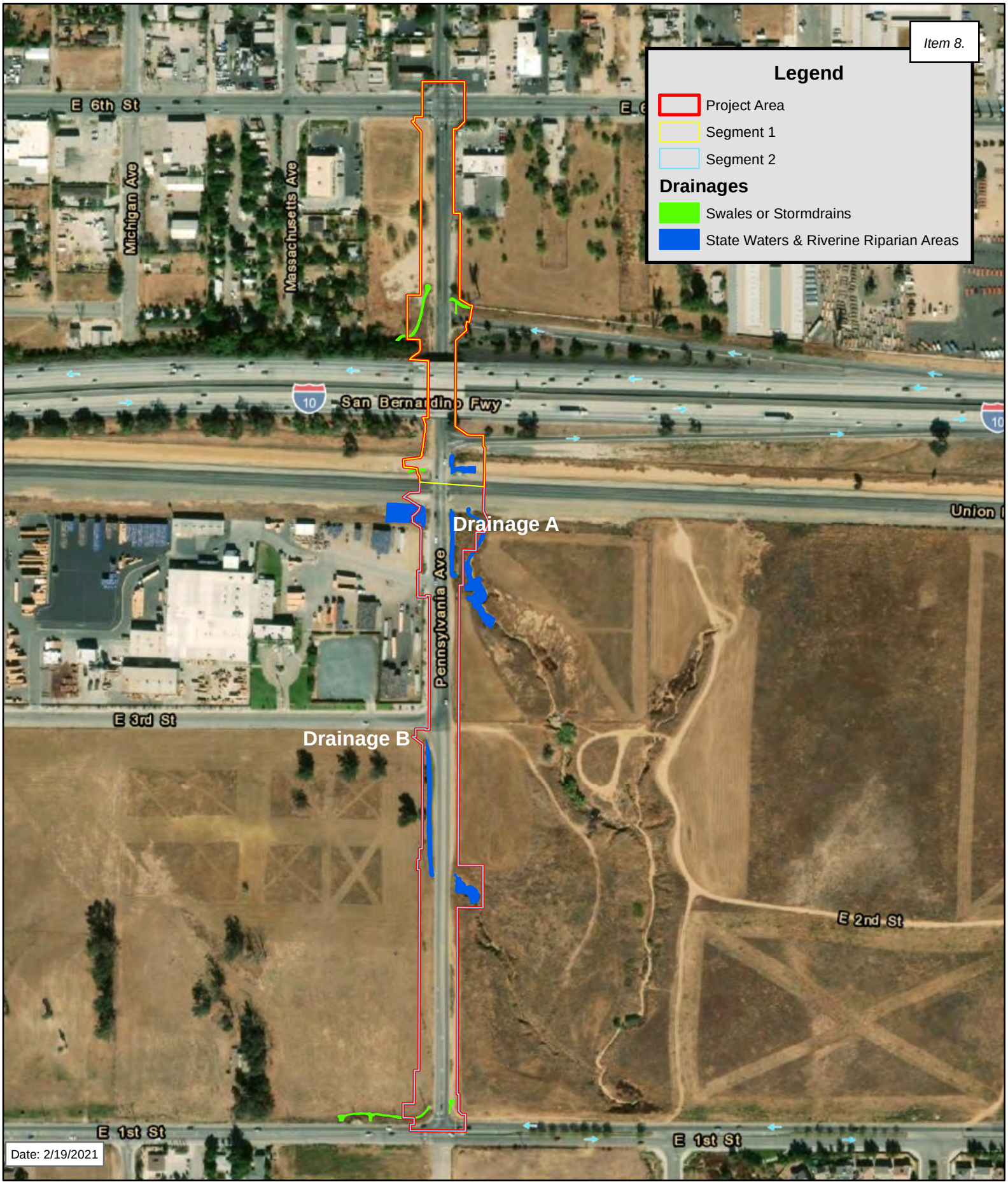
1 inch = 333 feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

ÉRICHO SYSTEMS INC.
Progress & Preservation

Figure 5
RCA MSHCP 2012 Vegetation Data

Pennsylvania Avenue Widenin
City of Beaumont



0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Progress & Preservation

Figure 6
Drainages

Pennsylvania Avenue Widenin
City of Beaumont

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Progress & Preservation

Figure 7
Riverside MSHCP Species Survey Areas

Pennsylvania Avenue Widenin
City of Beaumont

Appendix A

Mitigation Monitoring and Reporting Program

Pennsylvania Avenue Widening Project

MITIGATION MONITORING AND REPORTING PROGRAM (MMRP)

Introduction

This document is the Mitigation Monitoring and Reporting Program (MMRP) for the Pennsylvania Avenue Widening Project (Project). This MMRP has been prepared pursuant to Section 21081.6 of the California Public Resources Code, which requires public agencies to "adopt a reporting and monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment." A MMRP is required for the proposed Project because the Initial Study/Mitigated Negative Declaration (IS/MND) has identified mitigation measures to reduce potential impacts to less than significant.

Mitigation Monitoring and Reporting Program

As the lead agency, the City of Beaumont (City) will be responsible for monitoring compliance with all mitigation measures. Different departments within the City are responsible for aspects of the Project. It is expected that one or more departments will coordinate efforts to ensure compliance. The MMRP is presented in tabular form on the following pages. The components of the MMRP are described briefly below:

- **Mitigation Measure:** The mitigation measure(s) are taken from the IS/MND, in the same order that they appear in the IS/MND.
- **Method of Verification:** Identifies the potential method(s) that will be used to confirm that each mitigation measure has been implemented.
- **Timing of Verification:** Identifies at which stage of the Project the mitigation must be completed.
- **Monitoring Responsibility:** Identifies the City as responsible for mitigation monitoring and other parties potentially needed to facilitate implementation.
- **Verification (Date and Initials) and Remarks:** Provides a contact who reviewed the mitigation measure and the date the measure was determined complete. Any remarks regarding compliance may also be added, if needed.

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Mitigation Monitoring and Reporting Program (MMRP)				
Mitigation/Avoidance Measure	**Method(s) of Verification**	**Timing of Verification**	**Monitoring Responsibility**	**Verification (Date/Initials) and Remarks**
Biological Resources				
BIO-1 Prior to issuance of a grading permit, the applicant shall perform a preconstruction survey that shall be conducted within 30 days prior to ground disturbance to avoid direct take of burrowing owls. If the results of the survey indicate that no burrowing owls are present on-site, no additional measures are required. If burrowing owls are found to be present or nesting on-site during the preconstruction survey, then the following recommendations must be adhered to: Exclusion and relocation activities may not occur during the breeding season, which is defined as March 1 through August 31, with the following exception: From March 1 through March 15 and from August 1 through August 31 exclusion and relocation activities may take place if it is proven to the Lead Agency and/or appropriate agencies (if any) that egg laying or chick rearing is not taking place. This determination must be made by a qualified biologist. This measure may be modified as necessary to meet conditions of any required regulatory permits.	Biologist compliance documentation	Prior to issuance of grading permit. Preconstruction survey within 30 days prior to ground disturbance. Monitoring during construction, if needed.	City oversight of Contractor / Contractor Biologist	
BIO-2 Prior to work within riparian/riverine or other jurisdictional waters, the City shall obtain all required regulatory agency permits and approvals. If temporary and/or permanent impacts to riparian/riverine habitat cannot be avoided, a Determination of Biologically Equivalent or Superior Preservation (DBESP) shall be prepared pursuant to the Wildlife Agencies' requirements. The DBESP shall be submitted to the Wildlife Agencies for a 60-day review and response period. The City shall maintain a written record of determinations that shall be included in any required annual reporting documentation. The City or City's consultant shall also initiate the required pre-application requirements with the applicable regulatory agencies and obtain all required permits. Mitigation for impacts to riparian/riverine resources and jurisdictional waters shall either be completed through applicant sponsored mitigation, purchase of mitigation credits, or payment of in lieu fees to an agency approved entity or mitigation bank. A minimum replacement ratio of 1:1 shall be required for all permanent impacts. This measure may be modified as necessary to meet conditions of any required regulatory permits.	Regulatory permits and/or approvals	Prior to and during construction within jurisdictional waters. Permit compliance close-out post construction.	City / City Biologist, Environmental Consultant and/or Contractor	

Mitigation Monitoring and Reporting Program (MMRP)				
Mitigation/Avoidance Measure	**Method(s) of Verification**	**Timing of Verification**	**Monitoring Responsibility**	**Verification (Date/Initials) and Remarks**
BIO-3 Bird nesting season generally extends from February 1 through September 15 in southern California and specifically, April 15 through August 31 for migratory passerine birds. In general, Projects should be constructed outside of this time to avoid impacts to nesting birds. If the Project cannot be constructed outside of nesting season, the project site shall be surveyed for nesting birds by a qualified avian biologist within five (5) days prior to initiating the construction activities. If active nests are found during the pre-construction nesting bird surveys, a Nesting Bird Plan will be prepared and implemented which at a minimum will include guidelines for addressing active nests, establishing buffers, monitoring, and reporting. The Nesting Bird Plan will include a copy of maps showing the location of all nests and an appropriate buffer zone around each nest sufficient to protect the nest from direct and indirect impact. The size and location of all buffer zones, if required, shall be determined by the biologist, and shall be based on the nesting species, its sensitivity to disturbance, and expected types of disturbance. The nests and buffer zones shall be field checked weekly by a qualified biological monitor. The approved buffer zone shall be marked in the field with construction fencing, within which no vegetation clearing or ground disturbance shall commence until the qualified biologist has determined the young birds have successfully fledged and a monitoring report has been submitted reviewed and approved by the City of Beaumont. This measure may be modified as necessary to meet conditions of any required regulatory permits.	Biologist compliance documentation	Prior to and potentially during construction within applicable work window	City oversight of Contractor / Contractor Biologist	
Cultural Resources				
CUL-1 Archeological Resources. Prior to issuance of a grading permit or construction permit (requiring earthwork), the City shall verify that the name and contact information of an on-call archeological monitor meeting Secretary of Interior standards is included in the resident engineer file or on the construction plans along with the following note: "In the event that an archeological cultural resource or Native American cultural resource is discovered during project activities, all earthwork within a 50-foot buffer shall cease and the qualified archaeologist shall be notified immediately to assess the find. Work on other portions of the project outside of the buffer area may continue during this assessment period. If the resource is determined by the archeologist to not be Native American, the archeologist shall make recommendations to the Lead Agency on the measures that shall be implemented to protect the discovered resource(s). In accordance with Section 15064.5 of the CEQA Guidelines, such measures may include but are not	City documentation of on-call archeologist. Additional documentation only in event of discovery	Prior to ground disturbance and during construction	City oversight of Contractor / Contractor Archeologist	

Mitigation Monitoring and Reporting Program (MMRP)				
Mitigation/Avoidance Measure	**Method(s) of Verification**	**Timing of Verification**	**Monitoring Responsibility**	**Verification (Date/Initials) and Remarks**
limited to avoidance, excavation of the finds, collection, evaluation of the materials, additional testing, relocation, and curation. If the resource is determined by the archeologist to be Native American, the San Manuel Band of Mission Indians will be contacted, provided information about the resource, and be permitted/invited to perform a site visit when the archaeologist makes their assessment, so as to provide Tribal input.				
Geology and Soils				
GEO-1 A paleontological resource impact mitigation program in accordance with the provisions of CEQA and proposed guidelines of the Society of Vertebrate Paleontology shall be implemented as follows: 1. All earth-moving operations reaching beyond the disturbed surface soils, generally five to six feet in depth within the existing roadbed and two to three feet in depth elsewhere, shall be monitored by a qualified paleontological monitor. The monitor shall be prepared to quickly salvage fossils as they are unearthed to avoid construction delays and shall collect samples of sediments that are likely to contain fossil remains of small vertebrates or invertebrates. The monitor shall have the power to temporarily halt or divert grading and excavator equipment to allow for the removal of abundant or large specimens. 2. Collected samples of sediment shall be processed to recover small fossils, and all recovered specimens shall be identified and curated at a repository with permanent retrievable storage. 3. A report of findings, including an itemized inventory of recovered specimens, shall be prepared upon completion of the procedures outlined above. The report shall include a discussion of the significance of the paleontological findings, if any. The report and the inventory, when submitted to the City of Beaumont, will signify completion of the program to mitigate potential impacts on paleontological resources.	City documentation of designated paleontologist. Paleontologist report or other documentation	Prior to ground disturbance and during construction	City oversight of Contractor / Contractor Paleontologist	
Hazards and Hazardous Materials				
HAZ-1 Soils Management. Subsurface soil sampling shall be conducted for pollutants prior to ground disturbance in unpaved areas within Union Pacific Railroad (UPRR) right-of-way and within unpaved areas along Pennsylvania Avenue between the I-10 eastbound on-ramp and East 6th Street. UPRR areas shall be tested for heavy metals,	Contractor Agreement/ Specifications. Testing results	Prior to ground disturbance and post soil reuse or disposal during	City / Contractor	

Mitigation Monitoring and Reporting Program (MMRP)				
Mitigation/Avoidance Measure	**Method(s) of Verification**	**Timing of Verification**	**Monitoring Responsibility**	**Verification (Date/Initials) and Remarks**
petroleum hydrocarbons, and polynuclear aromatic hydrocarbons. Pennsylvania Avenue areas shall be tested for Aerially Deposited Lead (ADL). If pollutant concentrations are detected below federal and state thresholds, no additional measures are required. If pollutant concentrations are detected above federal or state thresholds, additional measures shall be implemented to safely reuse the soils onsite, or if pollutant levels do not allow for re-use, to safely transport and dispose of offsite pursuant to applicable health and safety regulations. Alternatively, soils in the above mentioned locations that are not tested shall be treated as hazardous waste and removed and disposed of offsite pursuant to applicable health and safety regulations.	and/or disposal receipts	construction		
HAZ-2 Yellow Striping. Yellow striping that will be removed within the Project site shall be tested and removed in accordance with Construction Program Procedure Bulletin 99-2 (Caltrans 2006). Alternatively, yellow striping that is not tested prior to removal shall be treated as hazardous waste and removed in accordance with Construction Program Procedure Bulletin 99-2 (Caltrans 2006).	Contractor Agreement/ Specifications. Testing results and/or disposal receipts	Prior to removal of yellow striping during construction	City / Contractor	
Noise				
NOI-1 The City shall implement a construction notification plan described herein to keep nearby occupants informed of the Project's construction schedule. Prior to construction activities and within 2 weeks following award and execution of the construction contract, the Contractor shall provide the City with a construction schedule that identifies: (1) start date of construction, (2) anticipated weekly work zones by the estimated date shown on an aerial map (or plan sheet overview), (3) estimated construction completion date and (4) website address for accessing the construction schedule on-line. The construction contractor shall update the schedule at least every two weeks and provide the City's schedule by the following day for posting on the City's website.	Contractor Agreement/ Specifications and Contractor work log	Prior to and during construction	City oversight of Contractor	
NOI-2 All construction equipment, stationary and mobile, shall be equipped with properly operating and maintained muffling devices, intake silencers, and engine shrouds no less effective than as initially equipped by the manufacturer. The Contractor shall be required to document compliance in a written and signed statement provided to the City.	Contractor Agreement/ Specifications and Contractor work log	Prior to and during construction	City / Contractor	

Mitigation Monitoring and Reporting Program (MMRP)				
Mitigation/Avoidance Measure	**Method(s) of Verification**	**Timing of Verification**	**Monitoring Responsibility**	**Verification (Date/Initials) and Remarks**
NOI-3 The construction contractor shall adequately maintain and tune all construction equipment to minimize noise emissions. The Contractor shall be required to document compliance in a weekly construction log or weekly email provided to the City.	Contractor Agreement/ Specifications and Contractor work log	Prior to and during construction	City / Contractor	
NOI-4 The construction contractor shall post a contact name and telephone number of the owner's authorized representative on-site.	Contractor Agreement/ Specifications and Contractor work log	Prior to and during construction	City / Contractor	
NOI-5 Noise-reducing paving materials, such as open-grade or rubberized asphalt, shall be used within the Project limits to reduce permanent traffic noise. Compliance shall be documented by one or more of the following: (1) required materials noted on the construction plans; (2) required materials noted in the specifications; (3) required materials noted in the construction contract; and/or (4) other comparable form of documentation acceptable to the City engineer.	Construction Plans, Specifications, Contract, and/or other	Prior to and/or during construction	City oversight of Contractor	

Appendix B

Air Quality and Greenhouse Gas Study

Air Quality and Greenhouse Gas Study

Pennsylvania Avenue Widening Project

City of Beaumont

Prepared for:

City of Beaumont

Prepared by:

ENTECH CONSULTING GROUP
PLANNING • ENVIRONMENTAL • CONSTRUCTION MANAGEMENT

43410 Business Park Drive
Temecula, CA 92590
(951) 506-0055

January 2021

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1 INTRODUCTION

This report presents the results of the air quality and greenhouse gas analysis. The purpose of this air quality and greenhouse analysis is to determine whether the proposed project would:

- Conflict with or obstruct implementation of the applicable air quality plan;
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard;
- Expose sensitive receptors to substantial pollutant concentrations; or
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.
- Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; or
- Conflict with an applicable plan, policy, or regulation adopted to reduce the emissions of greenhouse gases.

The air quality and greenhouse gas analysis evaluated the impacts of the proposed project's construction and operation by comparing emission thresholds to the South Coast Air Quality Management District (SCAQMD) emission thresholds.

2 PROJECT DESCRIPTION

2.1 Project Location

The City of Beaumont is in the northeast part of Western Riverside County and is surrounded by Calimesa and Banning and unincorporated areas of Riverside County. Located at the junction points of the Interstate 10 (I-10) Freeway, the California State Route 60 (SR-60) Freeway, and the California State Route 79 (SR-79/Beaumont Avenue) Highway, the City of Beaumont is situated in a key regional location. From a land-use perspective, Beaumont is an undeveloped city within its jurisdictional limits and is currently one of the fastest economically growing towns in the State of California.

The City of Beaumont (Lead Agency) is proposing to widen Pennsylvania Avenue consistent with the General Plan Circulation Element, in the central part of the City of Beaumont along the I-10 corridor from its existing two-lane configuration to four lanes, to accommodate projected growth and current congestion. The portion of Pennsylvania Avenue to be widened is a 2,700-foot-long segment (0.51 miles) between 6th Street on the north and 1st Street on the south (see Figure 1 - Project Location/Vicinity).

2.2 Project Setting

Within the limits of the project study area, Pennsylvania Avenue is designated as a Major Highway. In its present state, Pennsylvania Avenue is a north-south divided arterial road with one travel lane for each direction separated by a striped centerline division. Additionally, there is a 500-foot long, 12-foot wide

painted median along the southerly section. This high-capacity road's existing traffic volumes range from 8,500 vehicles per day to the north of Interstate 10 (I-10) to approximately 11,100 vehicles per day to the south of Interstate 10 (I-10).

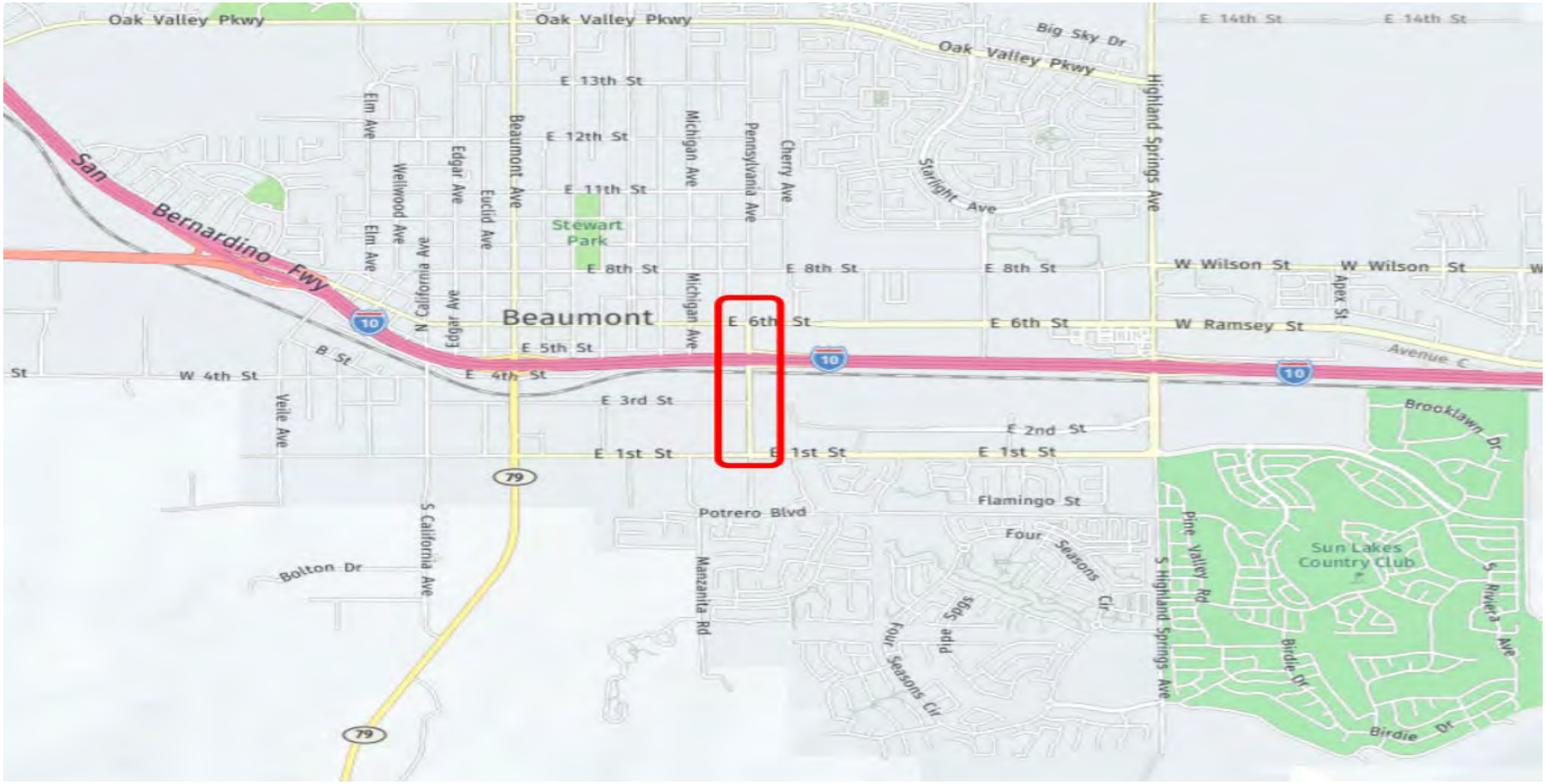

Figure 2.1 Regional Map

Figure 2.2 Project Vicinity Map

2.3 Proposed Project

The Pennsylvania Avenue Widening Project (Project) proposes to widen and add two additional lanes to Pennsylvania Avenue between 1st Street and 6th Street, a distance of approximately 2,800 feet, in the City of Beaumont. The proposed widening and associated improvements would be predominantly within existing right-of-way except for areas requiring easements for stormwater infrastructure improvements and temporary construction easements (TCEs) needed for property frontage improvements and minor utility relocations.

The additional lanes within these limits would result in a four-lane Major Highway per Beaumont General Plan Circulation Element. The widening would require improvements to the existing UPRR at-grade crossing and freeway ramp terminals at the I-10 Freeway within Caltrans right-of-way. Pedestrian access with a new sidewalk would be provided for the project's length on the west side, and impacted intersections would be brought up to current Americans with Disabilities Act (ADA) standards with new and/or updated curb ramps.

Work activities include excavation for underground electrical work, storm drain conduit/inlets, utility cover adjustments, relocation of existing power poles; grading and re-grading the existing slopes; roadway excavation of approximately 4,700 cubic yards; the application of approximately 4,750 tons of asphalt paving to new road bed; removal/restriping of lanes, and; removal/replacement and addition of roadway signage. Excavation would be within 4 feet of existing surface grade with several deeper excavations (up to 20 feet below existing surface grade) for the power pole relocations. Staging of all equipment and materials would occur within the Project limits on the City’s right-of-way and within TCEs on adjacent properties. Project plans are provided in Figure 2.3 shows the site plan of the proposed project site, and the proposed improvements are shown in Figure 2.3.

Construction of the proposed project would occur in three phases. Storm drain and utility relocations would occur before any major roadway improvements to reduce traffic impacts. The first phase would involve constructing the outer improvements for the widening to the north and south of the UPRR tracks with an estimated duration of four months. The second phase would involve the closure of the at-grade crossing to construct the improvements within the UPRR right-of-way with an estimated duration of one month. The last phase would complete the remaining portion of construction within the center of the roadway north of the tracks and final paving with an estimated duration of three months.

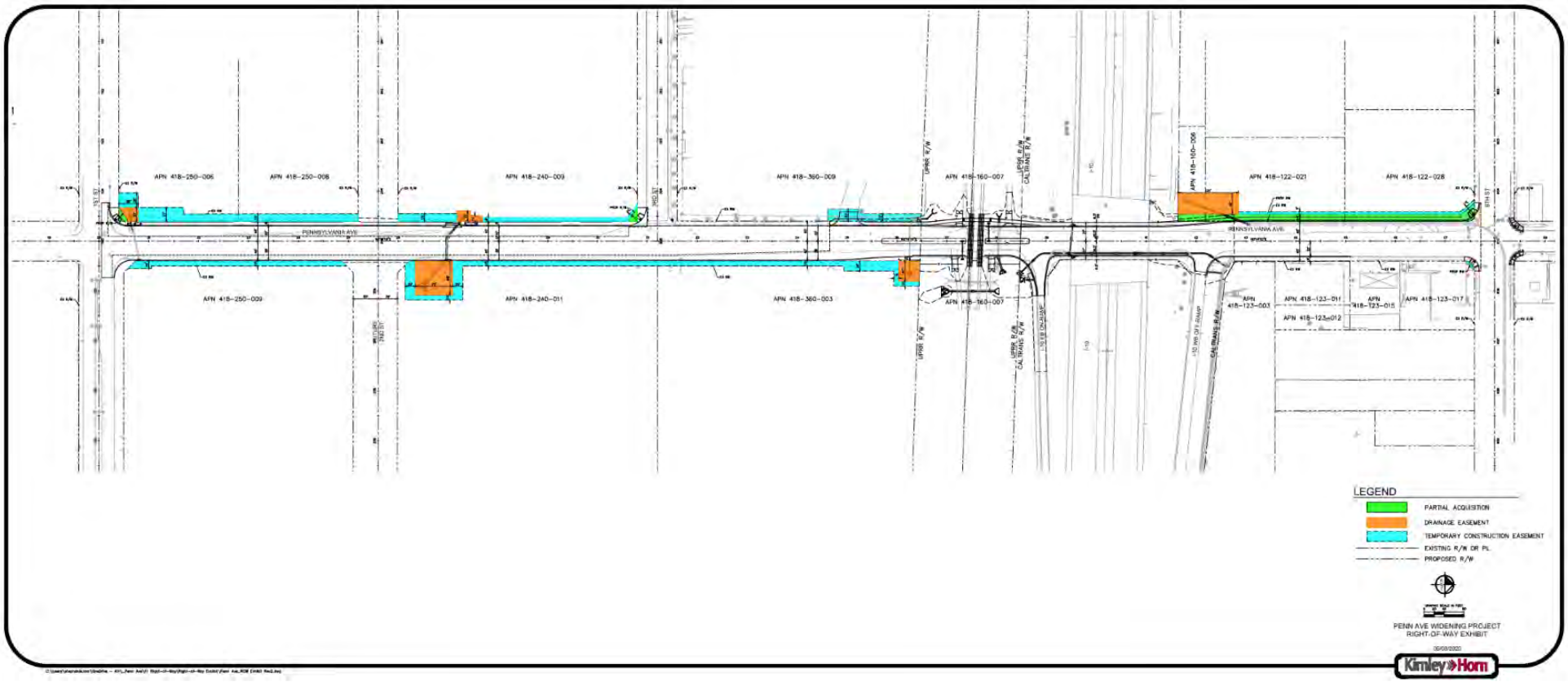

Figure 2.3 Site Plan

2.4 Construction and Phasing

Construction activities require standard construction equipment for concrete demolition, roadway excavation, paving, traffic signal installation, and storm drain modifications. Construction staging and parking would be accommodated within the project site and/or adjacent undeveloped properties. During construction, travel lanes in each direction along Ramona Boulevard would be operational. Travel lanes would be open in the southbound direction along Valley Boulevard. Access to businesses would be maintained throughout the construction period.

2 REGULATORY FRAMEWORK

The governing regulatory framework in the proposed project area includes federal, state, and local agencies that enforce ambient air quality and greenhouse gas standards and specific regulations that govern project development emitted pollutants and ambient air quality status for the region.

2.1 Air Quality

2.1.1 Federal Regulations and Standards

Environmental Protection Agency

The federal Clean Air Act (CAA) requires the US Environmental Protection Agency (USEPA) to establish National Ambient Air Quality Standards (NAAQS) [Title 40 Code of Federal Regulations (CFR), Part 50] to protect public health and the environment from the effects of air pollutants. The USEPA has identified "criteria" pollutants known to cause harm to public health and the environment. Currently, there are standards set for sulfur dioxide (SO_2), carbon monoxide (CO), nitrogen dioxide (NO_2), ozone (O_3), and particulate matter less than ten micrometers in diameter (PM_{10}), particulate matter less than five micrometers in diameter ($PM_{2.5}$) and Lead (Pb). These criteria pollutants are described below.

- **Sulfur Dioxide.** SO_2 is a colorless, extremely irritating gas or liquid that enters the atmosphere as a pollutant mainly because of burning high sulfur-content fuel oils and coal and chemical processes occurring at chemical plants and refineries. When SO_2 oxidizes in the atmosphere, it forms sulfur trioxide (SO_3). Collectively, these pollutants are referred to as sulfur oxides (SO_x).

  Major sources of SO_2 include power plants, large industrial facilities, diesel vehicles, and oil-burning residential heaters. Emissions of SO_2 aggravate lung diseases, especially bronchitis. This compound also constricts the breathing passages, especially in people with asthma and people involved in moderate to heavy exercise. SO_2 potentially causes wheezing, shortness of breath, and coughing. Long-term SO_2 exposure has been associated with an increased risk of mortality from respiratory or cardiovascular disease.

- **Carbon Monoxide.** CO is a colorless and odorless gas, is a relatively non-reactive pollutant that is a product of incomplete combustion, and is mostly associated with motor vehicles. When inhaled at high concentrations, CO combines with hemoglobin in the blood and reduces the blood's oxygen-carrying capacity. This results in decreased oxygen, reaching the brain, heart, and other body tissues. This condition is especially critical for people with cardiovascular diseases, chronic lung disease, or anemia. CO measurements and modeling were necessary for the early 1980s, when CO levels were regularly exceeded throughout California. In more recent years, CO measurements and modeling have not been a priority in most California air districts due to older polluting vehicles' retirement, lower emissions from new vehicles, and improvements in fuels.

- **Nitrogen Dioxide.** NO_2 is a reddish-brown gas that is a by-product of combustion processes. Automobiles and industrial operations are the main sources of NO_2. Combustion devices emit

primarily nitric oxide (NO), which reacts through oxidation in the atmosphere to form NO_2. The combined emissions of NO and NO_2 are referred to as NO_x, which are reported as equivalent NO_2. Aside from its contribution to ozone formation, NO_2 can increase acute and chronic respiratory disease risk and reduce visibility. NO_2 may be visible as a coloring component of a brown cloud on high pollution days, especially in conjunction with high ozone levels.

- **Ozone.** Ozone is the main component of photochemical smog, which is primarily a summer and fall pollution problem. Ozone is not emitted directly into the air but is formed through a complex series of chemical reactions involving other compounds that are directly emitted. These directly emitted pollutants (also known as ozone precursors) include reactive organic gases (ROGs) or volatile organic compounds (VOCs) and oxides of nitrogen (NOx). While both ROGs and VOCs refer to compounds of carbon, ROG is a term used by CARB and is identified based on a list of carbon compounds that exempts carbon compounds determined by CARB to be non-reactive. VOC is a term used by the USEPA and is identified based on USEPA's separate list of exempted compounds it identifies as having negligible photochemical reactivity. The time required for ozone formation allows the reacting compounds to spread over a large area, producing regional pollution problems. Ozone concentrations are the cumulative result of regional development patterns rather than a few significant emission sources.

  Once ozone is formed, it remains in the atmosphere for one or two days. Ozone is then eliminated through reaction with chemicals on plants' leaves, attachment to water droplets as they fall to Earth (rainout), or absorption by water molecules in clouds that later fall to Earth with rain (washout).

  Short-term exposure to ozone can irritate the eyes and cause constriction of the airways. In addition to causing shortness of breath, ozone can aggravate existing respiratory diseases such as asthma, bronchitis, and emphysema.

- **Particulate Matter.** PM_{10} and $PM_{2.5}$ consist of particulate matter that is 10 microns or less in diameter and 2.5 microns or less in diameter, respectively (a micron is one-millionth of a meter). PM_{10} and $PM_{2.5}$ represent particulate matter fractions that can be inhaled into the air passages and the lungs and can cause adverse health effects. Acute and chronic health effects associated with high particulate levels include the aggravation of chronic respiratory diseases, heart and lung disease, and coughing, bronchitis, and respiratory illnesses in children. Recent mortality studies have shown an association between morbidity and mortality and daily particulate matter concentrations in the air. Particulate matter can also damage materials and reduce visibility—one common source of $PM_{2.5}$ in diesel exhaust emissions.

  PM_{10} consists of particulate matter emitted directly into the air (e.g., fugitive dust, soot, and smoke from mobile and stationary sources, construction operations, fires, and natural windblown dust) particulate matter formed in the atmosphere by condensation and/or transformation of SO_2

and ROG. Traffic generates particulate matter emissions through the entrainment of dust and dirt particles that settle onto roadways and parking lots. PM_{10} and $PM_{2.5}$ are also emitted by burning wood in residential wood stoves and fireplaces and open agricultural burning. $PM_{2.5}$ can also be formed through secondary processes such as airborne reactions with specific pollutant precursors, including ROGs, ammonia (NH_3), NO_x, and SO_x.

- **Lead.** Lead is a metal found naturally in the environment and present in some manufactured products. Various activities can contribute to lead emissions, which are grouped into two general categories, stationary and mobile sources. On-road mobile sources include light-duty automobiles, light-, medium-, and heavy-duty trucks, and motorcycles.

  Emissions of Lead have dropped substantially over the past 40 years. The reduction before 1990 is largely due to the phase-out of Lead as an anti-knock agent in gasoline for on-road automobiles. Substantial emission reductions have also been achieved due to enhanced controls in the metals processing industry. In the Basin, atmospheric Lead is generated almost entirely by the combustion of leaded gasoline and contributes less than one percent of the material collected as total suspended particulates. As Lead has been well below regulatory thresholds for decades, and the proposed project is not a lead source, Lead is not discussed further in this analysis.

The CAA established two types of national air quality standards. Primary standards set limits to protect public health, including the health of "sensitive" populations such as asthmatics, children, and the elderly. Secondary standards set limits to protect public welfare, including protection against decreased visibility, damage to animals, crops, vegetation, and buildings. Federal standards are shown in Table 1.

The federal Clean Air Act also requires each state to prepare an air quality control plan, referred to as a state implementation plan (SIP). The federal Clean Air Act Amendments of 1990 (CAAA) added requirements for states with nonattainment areas to revise their SIPs to incorporate additional control measures to reduce air pollution. The SIP is modified periodically to reflect the latest emissions inventories, planning documents, and rules and regulations of the air basins, as reported by their jurisdictional agencies. USEPA is responsible for reviewing all SIPs to determine whether they conform to the mandates of the federal Clean Air Act and its amendments and determine whether implementing the SIPs would achieve air quality goals. In addition, the USEPA sets federal vehicle and stationary source emissions standards and provides research and guidance in air pollution programs.

Table 1. Federal and State Ambient Air Quality Standards for Criteria Pollutants

Pollutant	Averaging Time[a]	State Standard	National Standard	Pollutant Health and Atmospheric Effects	Major Pollutant Sources
Ozone	1 hour	0.09 ppm	---	High concentrations can directly affect lungs, causing irritation. Long-term exposure may cause damage to lung tissue.	Formed when ROG and NOX react in the presence of sunlight. Major sources include on-road motor vehicles, solvent evaporation, and commercial/industrial mobile equipment.
	8 hours	0.070 ppm[b]	0.070 ppm		
Carbon Monoxide (CO)	1 hour	20 ppm	35 ppm	Classified as a chemical asphyxiant, carbon monoxide interferes with the transfer of fresh oxygen to the blood and deprives sensitive oxygen tissues.	Internal combustion engines, primarily gasoline-powered motor vehicles.
	8 hours	9.0 ppm	9 ppm		
Nitrogen Dioxide (NO_2)	1 hour	0.18 ppm	0.100 ppm	Irritating to eyes and respiratory tract. Colors atmosphere reddish-brown.	Motor vehicles, petroleum refining operations, industrial sources, aircraft, ships, and railroads.
	Annual Arithmetic Mean	0.030 ppm	0.053 ppm		
Sulfur Dioxide (SO_2)	1 hour	0.25 ppm	0.075 ppm	Irritates upper respiratory tract, injurious to lung tissue. Can yellow the leaves of plants, destructive to marble, iron, and steel. Limits visibility and reduces sunlight.	Fuel combustion, chemical plants, sulfur recovery plants, and metal processing.
	3 hours	---	0.5 ppm		
	24 hours	0.04 ppm	0.14 ppm		
	Annual Arithmetic Mean	---	0.030 ppm		
Respirable Particulate Matter (PM10)	24 hours	50 µg/m³	150 µg/m³	May irritate eyes and respiratory tract, decreases in lung capacity, cancer, and increased mortality. Produces haze and limits visibility.	Dust and fume-producing industrial and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g., wind-raised dust and ocean sprays).
	Annual Arithmetic Mean	20 µg/m³	---		
Fine Particulate Matter (PM2.5)	24 hours	---	35 µg/m³	Increases respiratory disease, lung damage, cancer, and premature death. Reduces visibility and results in surface soiling.	Fuel combustion in motor vehicles, equipment, and industrial sources; residential and agricultural burning; Also, formed from photochemical reactions of other pollutants, including NOx, sulfur oxides, and organics.
	Annual Arithmetic Mean	12 µg/m³	12.0 µg/m³		
Lead (Pb)	30 Day Average	1.5 µg/m³	---	Disturbs gastrointestinal system and causes anemia, kidney disease, and neuromuscular and neurological dysfunction (in severe cases).	Present source: lead smelters, battery manufacturing, and recycling facilities. Past source: combustion of leaded gasoline.
	Calendar Quarter	---	1.5 µg/m³		
	Rolling 3-Month Average	---	0.15 µg/m³		
Hydrogen Sulfide	1 hour	0.03 ppm	No National Standard	Nuisance odor (rotten egg smell), headache, and breathing difficulties (higher concentrations).	Geothermal power plants, petroleum production, and refining.
Sulfates (SO_4)	24 hour	25 µg/m³	No National Standard	Decrease in ventilatory functions; aggravation of asthmatic symptoms; aggravation of cardio-pulmonary disease; vegetation damage; degradation of visibility; property damage.	Industrial processes.
Visibility Reducing Particles	8 hour	Extinction of 0.23/km; visibility of 10 miles or more	No National Standard	Reduces visibility, reduced airport safety, lower real estate value, and discourages tourism.	See $PM_{2.5}$.
Vinyl Chloride	24 hour	0.01 ppm	No National Standard	Short-term exposure to high vinyl chloride levels in the air can cause dizziness, drowsiness, and headaches. Long-term exposure through inhalation and oral exposure can cause liver damage. Cancer is a major concern from exposure to vinyl chloride via inhalation. Vinyl chloride exposure has been shown to increase angiosarcoma's risk, a rare form of liver cancer in humans.	Polyvinyl chloride (PVC) plastic and vinyl products.

NOTE: ppm = parts per million; ppb = parts per billion; µg/m³ = micrograms per cubic meter.

[a] The averaging time is the interval of time over which the sample results are reported.

[b] This concentration was approved by CARB on April 28, 2005 and became effective May 17, 2006.

SOURCE: CARB, 2016c.

2.1.2 State Regulations and Standards

California Air Resources Board

The California Air Resources Board (CARB), a department of the California Environmental Protection Agency, oversees air quality planning and control throughout California. CARB is responsible for the coordination and oversight of state and local air pollution control programs in California and the implementation of the California Clean Air Act. The California Clean Air Act (CCAA) requires all state areas to achieve and maintain the California Ambient Air Quality Standards (CAAQS). In addition, CARB oversees the development and conformity of the SIP, the state's plan for meeting and maintaining NAAQS. CARB has established CAAQS for sulfates, hydrogen sulfide, vinyl chloride, visibility-reducing particulate matter, and air pollutants' above-mentioned criteria. Applicable CAAQS are shown in Table 1.

CARB is also responsible for regulations pertaining to TACs. The Air Toxics "Hot Spots" Information and Assessment Act was enacted in 1987 to establish a formal air toxics emission inventory risk quantification program. Assembly Bill (AB) 2588, as amended, establishes a process that requires stationary sources to report the type and quantities of certain substances their facilities routinely release.

2.1.3 Regional Regulations and Standards

South Coast Air Quality Management District

The South Coast Air Quality Management District (SCAQMD) is responsible for managing ambient air quality and setting regulations in the Basin, establishing an air quality monitoring network for measuring levels of criteria pollutants, administering funds to reduce regional mobile source emissions, and permitting stationary air pollutant sources, such as power plants, refineries, and gas stations.

Air Quality Management Plan

The SCAQMD is responsible for developing and adopting an Air Quality Management Plan, which serves as guidance to bring the region into compliance with federal and state air quality standards. The plan includes rules to reduce emissions from various sources, including specific equipment, industrial processes, paints, solvents, and other consumer products. SCAQMD is directly responsible for reducing emissions from stationary, mobile, and indirect sources. It has responded to this requirement by preparing a sequence of AQMPs. The *SCAQMD Board adopted the Final 2016 Air Quality Management Plan (2016 AQMP)* on March 3, 2017, and its adoption by CARB occurred on March 23, 2017. The 2016 AQMP was prepared in order to meet the following standards:

- 8-hour Ozone (75 ppb) by 2032
- Annual PM2.5 (12 µg/m3) by 2021-2025
- 8-hour Ozone (80 ppb) by 2024 (updated from the 2007 and 2012 AQMPs)
- 1-hour Ozone (120 ppb) by 2023 (updated from the 2012 AQMP)
- 24-hour PM2.5 (35 µg/m3) by 2019 (updated from the 2012 AQMP)

In addition to meeting the above standards, the 2016 AQMP will also include revisions to the attainment demonstrations for the 1997 8-hour ozone NAAQS and the 1979 1-hour ozone NAAQS. The prior 2012 AQMP was prepared in order to demonstrate attainment with the 24-hour PM2.5 standard by 2014 through the adoption of all feasible measures. The prior 2007 AQMP demonstrated attainment with the 1997 8-hour ozone (80 ppb) standard by 2023 by implementing future improvements in control techniques and technologies. These "black box" emissions reductions represent 65 percent of the remaining NOx emission reductions by 2023 to show attainment with the 1997 8-hour ozone NAAQS. Given the magnitude of these needed emissions reductions, additional NOx control measures have been provided in the 2012 AQMP, even though the primary purpose was to show compliance with 24-hour PM2.5 emissions standards.

The 2016 AQMP provides a new approach that focuses on available, proven, and cost-effective alternatives to traditional strategies while seeking to achieve multiple goals in partnership with other entities to promote reductions in GHG emissions and TAC emissions as well as efficiencies in energy use, transportation, and goods movement. The 2016 AQMP recognizes the critical importance of working with other agencies to develop funding and other incentives that encourage the accelerated transition of vehicles, buildings, and industrial facilities to cleaner technologies that benefit air quality and local businesses, and the regional economy.

SCAQMD Rules and Regulations

All projects are subject to SCAQMD rules and regulations in effect at the time of construction. Specific rules apply to the construction anticipated under the proposed project would include the following:

Rule 401 – Visible Emissions. A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any 1 hour that is as dark or darker in shade as that designated No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines.

Rule 402 – Nuisance. A person shall not discharge from any source whatsoever such quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or that endanger the comfort, repose, health, or safety of any such persons or the public, or that cause, or have a natural tendency to cause, injury or damage to business or property. This rule's provisions do not apply to odors emanating from agricultural operations necessary for growing crops or raising fowl or animals.

Rule 403 – Fugitive Dust. This rule is intended to reduce the amount of particulate matter entrained in the ambient air due to anthropogenic (human-made) fugitive dust sources by requiring actions to prevent, reduce, or mitigate fugitive dust emissions. Rule 403 applies to any activity or human-made condition capable of generating fugitive dust.

Rule 445 – Wood Burning. This rule prohibits permanently installed wood-burning devices into any new development. A wood-burning device means any fireplace, wood-burning heater, or pellet-fueled wood

heater, or any similarly enclosed, permanently installed indoor or outdoor device burning any solid fuel for aesthetic or space-heating purposes, which has a heat input of less than one million British thermal units per hour.

Rule 481 – Spray Coating. This rule applies to all spray painting and spray coating operations and equipment and states that a person shall not use or operate any spray painting or spray coating equipment unless one of the following conditions is met:

- The spray coating equipment is operated inside a control enclosure, which is approved by the Executive Officer. Any control enclosure for which an application for a permit for new construction, alteration, or change of ownership or location is submitted after the date of adoption of this rule shall be exhausted only through filters at a design face velocity not less than 100 feet per minute nor greater than 300 feet per minute, or through a water wash system designed to be equally effective for air pollution control.

- Coatings are applied with high-volume low-pressure, electrostatic, and/or airless spray equipment.

- An alternative method of coating application or control is used, which has effectiveness equal to or greater than the equipment specified in the rule.

Rule 1108 - Volatile Organic Compounds. This rule governs the sale, use, and manufacturing of asphalt and limits the volatile organic compound (VOC) content in asphalt used in the Basin. This rule also regulates the VOC content of asphalt used during construction. Therefore, all asphalt used during the construction of the project must comply with SCAQMD Rule 1108.

Rule 1113 – Architectural Coatings. No person shall apply or solicit the application of any architectural coating within the SCAQMD with VOC content in excess of the values specified in a table incorporated in the Rule.

Rule 1143 – Paint Thinners and Solvents. This rule governs the manufacture, sale, and use of paint thinners and solvents used in thinning coating materials, cleaning coating application equipment, and other solvent cleaning operations by limiting their VOC content. This rule regulates the VOC content of solvents used during construction. Solvents used during the construction phase must comply with this rule.

Rule 1186 – Fugitive Dust. This rule limits the presence of fugitive dust on paved and unpaved roads and sets certification protocols and requirements for street sweepers that are under contract to provide comprehensive services to any federal, state, county, agency, or special districts such as water, air, sanitation, transit, or school district.

Rule 1303 – Major Emission Sources. This rule governs the permitting of re-located or new major emission sources, requiring Best Available Control Measures and setting significance limits for $PM_{10,}$ among other pollutants.

Rule 1401– New Source Review of Toxic Air Contaminants. This rule specifies limits for maximum individual cancer risk, cancer burden, and non-cancer acute and chronic hazard index from new permit units, relocations, or modifications to existing permit units, which emit toxic air contaminants.

2.2 Greenhouse Gas Emissions

2.2.1 Federal Regulations and Standards

Environmental Protection Agency

The federal Clean Air Act does not specifically regulate GHG emissions; however, the US Supreme Court has determined that GHGs are pollutants regulated under the federal Clean Air Act. There are currently no federal regulations that set ambient air quality standards for GHGs.

2.2.2 State Regulations and Standards

Executive Order S-3-05

In 2005, in recognition of California's vulnerability to the effects of climate change, Governor Schwarzenegger established Executive Order S-3-05, which set forth a series of target dates by which statewide emissions of GHGs would be progressively reduced, as follows:

- By 2010, reduce GHG emissions to 2000 levels;
- By 2020, reduce GHG emissions to 1990 levels; and
- By 2050, reduce GHG emissions to 80 percent below 1990 levels.

Assembly Bill 32 – California Global Warming Solutions Act

California Assembly Bill 32 (AB 32), the Global Warming Solutions Act of 2006, requires CARB to establish a statewide GHG emissions cap for 2020 based on 1990 emission levels. AB 32 required CARB to adopt and enforce programs and regulations that identify and require selected sectors or categories of emitters of GHGs to report and verify their statewide GHG emissions. In December 2007, CARB adopted 427 MT CO_2e as the statewide GHG emissions limit equivalent to the statewide levels for 1990. This is approximately 28 percent below forecasted 2020 "business-as-usual" emissions of 596 MMT of CO_{2e}, and about 10 percent below average annual GHG emissions from 2002 through 2004 (CARB, 2009).

CARB published the Expanded List of Early Action Measures to Reduce Greenhouse Gas Emissions in California Recommended for Board Consideration in September 2007 (CARB, 2007). CARB adopted nine Early Action Measures for implementation, including Ship Electrification at Ports, Reduction of High Global-Warming-Potential Gases in Consumer Products, Heavy-Duty Vehicle Greenhouse Gas Emission Reduction (Aerodynamic Efficiency), Reduction of Perfluorocarbons from Semiconductor Manufacturing, Improved Landfill Gas Capture, Reduction of Hydrofluorocarbon-134a from Do-It-Yourself Motor Vehicle

Servicing, Sulfur Hexafluoride Reductions from the Non-Electric Sector, a Tire Inflation Program, and a Low Carbon Fuel Standard.

As of January 1, 2012, the GHG emissions limits and reduction measures adopted in 2011 by CARB became enforceable. In designing emission reduction measures, CARB must minimize costs, maximize benefits, improve and modernize California's energy infrastructure, maintain electric system reliability, maximize additional environmental and economic co-benefits for California, and complement the state's efforts to improve air quality.

CARB Scoping Plan

In December 2008, CARB approved the AB 32 Scoping Plan, outlining its strategy to achieve the 2020 GHG emissions limit (CARB, 2009). This Scoping Plan, developed by CARB in coordination with the Climate Action Team (CAT), proposes a comprehensive set of actions designed to reduce overall GHG emissions in California, improve the environment, reduce dependence on oil, diversify California's energy sources, save energy, create new jobs, and enhance public health.

As required by AB 32, the Scoping Plan must be updated at least every five years to evaluate the mix of AB 32 policies to ensure that California is on track to meet the targets set out in the legislation. In October 2013, a draft Update to the initial Scoping Plan was developed by CARB in collaboration with the California Climate Action Team (CCAT). The draft Update builds upon the initial Scoping Plan with new strategies and expanded measures and identifies opportunities to leverage existing and new funds to drive GHG emission reductions through strategic planning and targeted program investments. The draft Update to the initial Scoping Plan was presented to CARB's Board for discussion at its February 20, 2014 meeting. Subsequently, the first update to the AB 32 Scoping Plan was approved on May 22, 2014, by CARB.

As part of the Scoping Plan's proposed update, the emissions reductions required to meet the 2020 statewide GHG emissions limit were further adjusted. The primary reason for adjusting the 2020 statewide emissions limit was based on the fact that the original Scoping Plan relied on the Intergovernmental Panel on Climate Change's (IPCC) 1996 Second Assessment Report (SAR) to assign the global warming potentials (GWPs) of greenhouse gases. In accordance with the United Nations Framework Convention on Climate Change (UNFCCC), international climate agencies have agreed to begin using the scientifically updated GWP values in the IPCC's Fourth Assessment Report (AR4) released in 2007. Because CARB has begun to transition to the use of the AR4 100-year GWPs in its climate change programs, CARB recalculated the Scoping Plan's 1990 GHG emissions level with the AR4 GWPs. As the recalculation resulted in 431 $MMTCO_{2e}$, the 2020 GHG emissions limit established in response to AB 32 is now slightly higher than the 427 $MMTCO_{2e}$ in the initial Scoping Plan. Considering that the proposed update also adjusted the 2020 BAU forecast of GHG emissions to 509 $MMTCO_{2e}$, a 15 percent reduction below the estimated BAU levels was determined to be necessary to return to 1990 levels by 2020 (CARB, 2014). Table 2 shows the Recommended Actions contained in Appendices C and E of CARB's Scoping Plan.

Table 2. Recommended Actions from CARB Climate Change Scoping Plan

ID #	Sector	Strategy Name
T-1	Transportation	Pavley I and II – Light-Duty Vehicle GHG Standards
T-2	Transportation	LCFS (Discrete Early Action)
T-3	Transportation	Regional Transportation-Related GHG Targets
T-4	Transportation	Vehicle Efficiency Measures
T-5	Transportation	Ship Electrification at Ports (Discrete Early Action)
T-6	Transportation	Goods-movement Efficiency Measures
T-7	Transportation	Heavy-Duty Vehicle GHG Emission Reduction Measure – Aerodynamic Efficiency (Discrete Early Action)
T-8	Transportation	Medium and Heavy-Duty Vehicle Hybridization
T-9	Transportation	High-Speed Rail
E-1	Electricity and Natural Gas	Increased Utility Energy efficiency programs More stringent Building and Appliance Standards
E-2	Electricity and Natural Gas	Increase Combined Heat and Power Use by 30,000GWh
E-3	Electricity and Natural Gas	Renewables Portfolio Standard
E-4	Electricity and Natural Gas	Million Solar Roofs
CR-1	Electricity and Natural Gas	Energy Efficiency
CR-2	Electricity and Natural Gas	Solar Water Heating
GB-1	Green Buildings	Green Buildings
W-1	Water	Water Use Efficiency
W-2	Water	Water Recycling
W-3	Water	Water System Energy Efficiency
W-4	Water	Reuse Urban Runoff
W-5	Water	Increase Renewable Energy Production
W-6	Water	Public Goods Charge (Water)
I-1	Industry	Energy Efficiency and Co-benefits Audits for Large Industrial Sources
I-2	Industry	Oil and Gas Extraction GHG Emission Reduction
I-3	Industry	GHG Leak Reduction from Oil and Gas Transmission
I-4	Industry	Refinery Flare Recovery Process Improvements
I-5	Industry	Removal of CH_4 Exemption from Existing Refinery Regulations
RW-1	Recycling and Waste Management	Landfill CH_4 Control (Discrete Early Action)
RW-2	Recycling and Waste Management	Additional Reductions in Landfill CH_4 – Capture Improvements
RW-3	Recycling and Waste Management	High Recycling/Zero Waste
F-1	Forestry	Sustainable Forest Target
H-1	High GWP Gases	Motor Vehicle Air Conditioning Systems (Discrete Early Action)
H-2	High GWP Gases	SF_6 Limits in Non-Utility and Non-Semiconductor Applications (Discrete Early Action)
H-3	High GWP Gases	Reduction in Perfluorocarbons in Semiconductor Manufacturing (Discrete Early Action)
H-4	High GWP Gases	Limit High GWP Use in Consumer Products (Discrete Early Action, Adopted June 2008)
H-5	High GWP Gases	High GWP Reductions from Mobile Sources
H-6	High GWP Gases	High GWP Reductions from Stationary Sources
H-7[a]	High GWP Gases	Mitigation Fee on High GWP Gases
A-1	Agriculture	CH_4 Capture at Large Dairies

[a] CARB subsequently excluded this original measure in the 2008 Scoping Plan in the Final Supplement to the Scoping Plan Functional Equivalent Document in 2011. CARB staff concluded that this measure's implementation would not be feasible.

SOURCE: CARB, 2008.

Executive Order S-1-07

Executive Order S-1-07, which was signed by Governor Schwarzenegger in 2007, proclaims that the transportation sector is the main source of GHG emissions in California. It establishes a goal to reduce the carbon intensity of transportation fuels sold in California by at least 10 percent by 2020. As a result of this order, CARB approved a proposed regulation to implement the low carbon fuel standard (LCFS) on April 23, 2009, which will reduce GHG emissions from the transportation sector in California by about 16 MMT in 2020. The LCFS is designed to reduce California's dependence on petroleum, create a lasting market for clean transportation technology, and stimulate the production and use of alternative, low-carbon fuels in California. The LCFS is designed to provide a durable framework that uses market mechanisms to spur the steady introduction of lower-carbon fuels. The framework establishes performance standards that fuel producers and importers must meet each year, beginning in 2011.

Senate Bill 375

SB 375, which establishes mechanisms for the development of regional targets for reducing passenger vehicle GHG emissions, was adopted by the state on September 30, 2008. On September 23, 2010, CARB adopted the vehicular GHG emissions reduction targets that had been developed in consultation with the metropolitan planning organizations (MPOs); the targets require a 7 to 8 percent reduction by 2020 and between 13 to 16 percent reduction by 2035 for each MPO. SB 375 recognizes the importance of achieving significant GHG reductions by working with cities and counties to change land-use patterns and improve transportation alternatives. Through the SB 375 process, MPOs, such as the Southern California Council of Governments (SCAG) will work with local jurisdictions in the development of sustainable community strategies (SCS) designed to integrate development patterns and the transportation network in a way that reduces GHG emissions while meeting housing needs and other regional planning objectives. SCAG's reduction target for per capita vehicular emissions is 8 percent by 2020 and 13 percent by 2035 (CARB, 2010). The MPOs will prepare their first SCS according to their respective regional transportation plan (RTP) update schedule with the SCAG RTP/SCS adopted on April 4, 2012.

Senate Bill 97

Senate Bill (SB) 97, enacted in August 2007, required the Office of Planning and Research (OPR) to develop guidelines for the mitigation of GHG emissions or the effects related to releases of GHG emissions. On April 13, 2009, the OPR submitted proposed amendments to the Natural Resources Agency in accordance with SB 97 regarding the analysis and mitigation of GHG emissions. As directed by SB 97, the Natural Resources Agency adopted Amendments to the CEQA Guidelines for greenhouse gas emissions on December 30, 2009. On February 16, 2010, the Office of Administrative Law approved the Amendments and filed them with the Secretary of State for inclusion in the California Code of Regulations. The Amendments became effective on March 18, 2010.

California Green Building Standard Code

In January 2010, the State of California adopted the 2010 California Green Building Standards Code (CALGreen), which became effective in January 2011. Building off of the initial 2008 California Green

Building Code, the 2010 CALGreen Code represents a more stringent building code that requires, at a minimum, that new buildings and renovations in California meet certain sustainability and ecological standards. The 2010 CALGreen Code has mandatory Green Building provisions for all new residential buildings that are three stories or fewer (including hotels and motels) and all new non-residential buildings of any size that are not additions to existing buildings.

In early 2013 the California Building Standards Commission adopted the 2013 California Building Standards Code that also included the latest 2013 CALGreen Code, which became effective on January 1, 2014. The mandatory provisions of the code are anticipated to reduce 3 MMT of GHG emissions by 2020, reduce water use by 20 percent or more, and divert 50 percent of construction waste from landfills. The 2013 California Energy Code (Title 24, Part 6), which is also part of the CALGreen Code (Title 24, Part 11, Chapter 5.2), became effective on July 1, 2014.

Assembly Bill 1092

Assembly Bill 1092 was approved in September 2013 and required that the next edition of the California Building Standards Code (CalGreen) adopt, codify, and publish mandatory building standards for the installation of future electric vehicle charging infrastructure for multi-family and non-residential development. The Bill further requires that the starting point for developing the mandatory standards be the current (2013) CalGreen Code, which provides that at least 3 percent of the total parking spaces in multi-family developments be capable of supporting future electric vehicle supply equipment. Additionally, for non-residential development, at least 10 percent of the total parking spaces should be designated for low-emitting, fuel-efficient, and carpool/vanpool vehicles, including electric vehicles.

2.2.3 Regional

South Coast Air Quality Management District

As a method for determining significance under CEQA, SCAQMD developed a draft tiered flowchart in 2008 for determining significance thresholds for GHGs for industrial projects where SCAQMD is acting as the lead agency. In December 2008, SCAQMD adopted a 10,000 $MTCO_{2e}$/year for industrial facilities, but only with respect to projects where SCAQMD is the lead agency. SCAQMD has not adopted a threshold for residential or commercial projects at the time of this writing.

The SCAQMD flowchart uses a tiered approach in which a proposed project is deemed to have a less than significant impact related to GHG emissions when any of the following conditions are met:

- GHG emissions are within GHG budgets in an approved regional plan;
- Incremental increases in GHG emissions due to the project are below the defined Significance Screening Levels or Mitigated to less than the Significance Screening Level;
- Performance standards are met by incorporating project design features and/or implementing emission reduction measures; and

- Carbon offsets are made to achieve the target significance screening level.

3 AIR QUALITY SETTING

This section provides an overview of the existing air quality conditions in the project area and region.

3.1 REGIONAL SETTING

The ambient concentrations of air pollutants within the Basin are determined by the amount of emissions released by sources and the atmosphere's ability to transport and dilute the emissions. Air quality conditions are generated by topography, wind speed, wind direction, air temperature gradients, and emissions released by air pollutant sources, which interact with moving and dispersing air pollutants.

The project area is located within the South Coast Air Basin (SCAB). The topography and climate within SCAB make it an area of high air pollution potential. The SCAB is a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean to the west and the high San Gabriel, San Bernardino, and San Jacinto mountains to the north and east. The general region lies in the eastern Pacific's semi-permanent high-pressure zone, resulting in a mild climate tempered by cool sea breezes with light average wind speeds. During the summer months, a warm air mass frequently descends over the cool, moist marine layer produced by the interaction between the ocean's surface and the lowest layer of the atmosphere. The warm upper layer forms a cap over the cool marine layer and inhibits the pollutants in the marine layer from dispersing upward. In addition, light winds during the summer limit ventilation, and sunlight triggers the photochemical reactions that produce ozone.

3.2 LOCAL SETTING

SCAQMD maintains monitoring stations within district boundaries that monitor air quality and compliance with associated ambient standards. The City of Beaumont is in Source Receptor Area (SRA) 29 Riverside County. The closest air monitoring station is the Banning Monitoring station located at 200 S. Hathaway, Banning, CA, approximately seven miles east of the project area. This station monitors ambient concentrations of ozone, PM2.5, and PM_{10}. It should also be noted that CO measurements have not been provided since CO is currently in attainment in the Air Basin and monitoring of CO within the Air Basin ended on March 31, 2013. The monitoring station's concentrations for the most recent three years (2017 – 2019) are shown in Table 3 for the closest monitoring station near the proposed project.

Table 3. Air Quality Data Summary (2017-2019)

Pollutant	Standard[a]	Monitoring Data by Year 2017	2018	2019
Ozone				
Highest 1 Hour Average (ppm)		0.105	0.122	0.146
Days over State Standard	0.09 ppm	85	69	62
Highest 8 Hour Average (ppm)		0.105	0.106	0.096
Days over Federal Standard	0.070 ppm	82	69	59
Days over State Standard	0.070 ppm	82	69	59
Particulate Matter (PM_{10})				
Highest 24-hour Average ($\mu g/m^3$)[b]		97	39	63
Days over Federal Standard (measured)[c]	150 $\mu g/m^3$	0	0	0
Days over State Standard (measured)[c]	50 $\mu g/m^3$	0	0	0
Particulate Matter ($PM_{2.5}$)				
Highest 24-hour Average ($\mu g/m^3$)[b]		35.5	26	25.4
Days over Federal Standard (measured)[c]	35 $\mu g/m^3$	No Data	No Data	No Data

NOTES:
ppm = parts per million; $\mu g/m^3$ = micrograms per cubic meter.

[a] Generally, state standards and national standards are not to be exceeded more than once per year.

[b] Values represent federal statistics and are midnight-to-midnight 24-hour averages. State and federal statistics may differ because of different sampling methods.

[c] Measurements are usually collected every six days. Days over the standard represent the measured number of days that the standard has been exceeded.

SOURCE CARB, 2017, 2018, 2019. https://www.epa.gov/outdoor-air-quality-data/monitor-values-report

Both CARB and USEPA use this type of monitoring data to designate areas according to their attainment status for criteria air pollutants. The purpose of these designations is to identify the areas with air quality problems and initiate planning efforts for improvement. The three basic designation categories are nonattainment, attainment, and unclassified. Unclassified is used in an area that cannot be classified based on available information as meeting or not meeting the standards. In addition, the California designations include a subcategory of nonattainment-transitional, which is given to nonattainment areas that are progressing and nearing attainment. The current attainment status for the SCAB is provided in Table 4.

Table 4. South Coast Air Basin Attainment Status

	Attainment Status	
Pollutant	**Federal Standards**	**State Standards**
Ozone (1-hour)	No Federal Standard	Nonattainment
Ozone (8-hour)	Non-attainment/Extreme	Nonattainment
PM_{10}	Attainment/Maintenance	NonAttainment
$PM_{2.5}$	Nonattainment	Nonattainment
Carbon Monoxide	Attainment/Maintenance	Attainment
Nitrogen Dioxide	Attainment/Maintenance	Attainment
Sulfur Dioxide	Attainment	Attainment
Sulfates	N/A	Attainment
Lead	Attainment	Attainment
Hydrogen Sulfide	N/A	Unclassified
Visibility Reducing Particles	N/A	Unclassified
Vinyl	N/A	Unclassified

SOURCE: CARB, 2019; USEPA, 2020.

3.3 Toxic Air Contaminants

In 1999, the CARB identified particulate emissions from diesel-fueled engines as a Toxic Air Contaminant (TAC). Once a substance is identified as a TAC, the CARB is required by law to determine if there is a need for further control. This is referred to as risk management. The process of further studies is ongoing at the CARB, with committees meeting to analyze both stationary and mobile diesel engine sources and many other aspects of the problem. No guidance has been issued on impact analysis or control measures. Therefore, other than recognition of CARB actions, no analysis can be made at this time for TAC impact from diesel engine exhaust. The status of impact analysis of diesel engine exhaust is not unlike the consideration of $PM_{2.5}$, which was defined as a federal criteria pollutant in 1997.

Specific mitigation measures have been included in projects that would create or be located near facilities with high concentrations of diesel engine vehicles, such as distribution warehouses or bus yards. There are no similar facilities as part of the proposed project or near the project area. Therefore, impacts related to TACs would not occur and are not discussed further in this air quality analysis.

3.4 Greenhouse Gas

Gases that trap heat in the atmosphere are called GHG). The primary concern with GHGs is that increases in their concentrations are causing global climate change. Global climate change is a change in the average weather on Earth that can be measured by wind patterns, storms, precipitation, and temperature. Although there is disagreement about the rate of global climate change and the extent of the impacts

attributable to human activities, mostly in the scientific community agree that there is a direct link between increased emissions of GHGs and long-term global temperature increases.

The principal GHGs are carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), sulfur hexafluoride (SF_6), perfluorocarbons (PFCs), and hydrofluorocarbons (HFCs). Because different GHGs have different warming potential, and CO_2 is the most common reference gas for climate change, GHG emissions are often quantified and reported as CO_2 equivalents (CO_{2e}). For example, SF_6 is a GHG commonly used in the utility industry as an insulating gas in circuit breakers and other electronic equipment. SF6, while comprising a small fraction of the total GHGs emitted annually worldwide, is a much more potent GHG with 22,800 times the global warming potential as CO_2. Therefore, an emission of one metric ton (MT) of SF_6 could be reported as 22,800 MT of CO_{2e}. Large emission sources are reported in a million metric tons (MMT) of CO_{2e}.

Some of the potential effects of global warming in California may include loss in the snowpack, sea-level rise, more extreme heat days per year, more high ozone days, more forest fires, and more drought years (CARB, 2009). Globally, climate change has the potential to impact numerous environmental resources through potential, though uncertain, impacts related to future air temperatures and precipitation patterns. The projected effects of global warming on weather and climate are likely to vary regionally but are expected to include the following direct effects (IPCC, 2001):

- Higher maximum temperatures and more hot days over nearly all land areas;
- Higher minimum temperatures, fewer cold days and frost days over nearly all land areas;
- Reduced diurnal temperature range over most land areas;
- Increase of heat index over land areas; and
- More intense precipitation events.

Many secondary effects are projected to result from global warming, including the global rise in sea level, impacts to agriculture, changes in disease vectors, and changes in habitat and biodiversity. While the possible outcomes and the feedback mechanisms involved are not fully understood and much research remains to be done, the potential for substantial environmental, social, and economic consequences over the long term may be great.

California produced 459 gross $MMTCO_{2e}$ in 2012 (CARB, 2014). The combustion of fossil fuel in the transportation sector was the single largest source of California's GHG emissions in 2012, accounting for 36 percent of total GHG emissions in the state (CARB, 2014a). This sector was followed by the electric power sector (including both in-state and out-of-state sources) (21 percent) and the industrial sector (19 percent) (CARB, 2014).

4 THRESHOLDS OF SIGNIFICANCE

Appendix G of the California Environmental Quality Act (CEQA) Guidelines states that a project could have a significant adverse effect on air quality if any of the following would occur:

- Conflict with or obstruct implementation of the applicable air quality plan;
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emission which exceeds quantitative thresholds for ozone precursors);
- Expose sensitive receptors to substantial pollutant concentrations; and
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

In addition, Appendix G of the CEQA Guidelines states that a project could have a significant adverse effect on GHG if any of the following would occur:

- Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; or
- Conflict with an applicable plan, policy, or regulation adopted to reduce the emissions of greenhouse gases.

4.1 Air Quality

4.1.1 Regional Air Quality Significance Thresholds

The City of Beaumont has not developed specific air quality thresholds for air quality impacts. However, as stated in Appendix G of the CEQA Guidelines, the applicable air quality management or air pollution control district's significance criteria may be relied upon to make the above determinations. As such, the significance thresholds and analysis methodologies in SCAQMD's CEQA Air Quality Handbook are used in evaluating project impacts. SCAQMD has established daily mass thresholds for regional pollutant emissions, which are shown in Table 5.

Table 5. SCAQMD Regional Air Quality Significance Thresholds

	Mass Daily Thresholds (lbs/day)	
Pollutant	**Construction**	**Operations**
Oxides of Nitrogen (NO_X)	100	55
Reactive Organic Gases (ROG)	75	55
Respirable Particulate Matter (PM_{10})	150	150
Fine Particulate Matter ($PM_{2.5}$)	55	55
Oxides of Sulfur (SO_X)	150	150
Carbon Monoxide (CO)	550	550
Lead[a]	3	3
TACs (including carcinogens and non-carcinogens	Maximum Incremental Cancer Risk ≥ 10 in 1 million Cancer Burden > 0.5 excess cancer cases (in areas ≥ 1 in 1 million) Chronic & Acute Hazard Index ≥ 1.0 (project increment)	

[a] As the proposed project would not involve the development of any major lead emissions sources, lead emissions are not analyzed further.
SOURCE: SCAQMD, 2011.

4.1.2 Localized Air Quality Significance Thresholds

SCAQMD has developed Local Significance Thresholds (LSTs) that represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standards and thus would not cause or contribute to localized air quality impacts. LSTs are developed based on the pollutant's ambient concentrations for each of the 38 source receptor areas (SRAs) in the SCAB. The localized thresholds found in the mass rate look-up tables in SCAQMD's Final Localized Significance Threshold Methodology document were developed for use on less than or equal to 1-acre in size have a disturbance of less than or equal to 1 acre daily. LSTs are only applicable to the following criteria pollutants: NOx, CO, PM_{10}, and $PM_{2.5}$. As described in the methodology section below, the construction and operational LSTs for a 5-acre site in SRA 29 (Banning Airport) at a distance of approximately 189 feet from a sensitive receiver (shown in Table 6) were used to evaluate the project's localized air quality impacts.

Table 6. SCAQMD Localized Significance Thresholds for a One-Acre Site

Pollutant Monitored Within SRA 29 – Banning Airport	Allowable Emissions (pounds/day) at 189 Feet (58 meters)
Nitrogen Oxides (NOx)	265
Carbon Monoxide (CO)	2,714
Respirable Particulate Matter (PM_{10})	67
Fine Particulate Matter ($PM_{2.5}$)	4

SOURCE: SCAQMD, 2003 (Revised, 2009).

Under conditions where the project's on-site emissions would, even with the incorporation of mitigation, exceed the LSTs thresholds, air dispersion modeling of the project's emissions would be required to evaluate the potential localized air quality impacts of the proposed project on its surrounding sensitive receptors, in accordance with SCAQMD's recommendation. However, under conditions where it is determined that the project's peak daily emissions would not exceed the LST thresholds, then it can be concluded that the project's emissions would not result in adverse localized air quality impacts on surrounding sensitive receptors.

4.2 CO Hotspots

Since the 1980s, CO concentrations have declined dramatically in California due to existing controls and programs. Most areas of the state, including the region in which the proposed project is located, have no problem meeting the state and federal CO standards. Additionally, CO hot-spots have not been seen in the most congested intersections in the region in well over a decade. CO measurements and modeling were necessary in the early 1980s when CO levels were regularly exceeded throughout California. The reduction in older polluting vehicles and emissions controls on newer vehicles has increased the number of vehicles that can idle at an intersection before CO impacts occur. Although the SCAQMD's guidelines related to CO impacts have remained the same, and are now obsolete, several air districts, including the Bay Area Air Quality Management District (BAAQMD) (BAAQMD, 2009), have adopted guidelines that focus on criteria other than LOS and percentage traffic increase, and instead, focus on total volumes and consistency with congestion management plans. The BAAQMD criteria are as follows:

1. Consistency with an applicable congestion management program established by the county congestion management agency for designated roads or highways, regional transportation plans, and local congestion management agency plans.

2. Traffic volumes at affected intersections would not be increased to more than 44,000 vehicles per hour.

3. Traffic volumes at affected intersections would not be increased to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., tunnels, parking garages, bridge underpass, natural or urban street canyon, below-grade roadway).

4.3 Greenhouse Gas

The increased concentration of GHGs in the atmosphere has been linked to global warming, leading to climate change. Construction and operation of the proposed project would incrementally contribute to GHG emissions along with the past, present, and future activities, and the CEQA Guidelines acknowledge this as a cumulative impact. As such, the impacts of GHG emissions are analyzed here on a cumulative basis.

While SCAQMD has issued proposed standards and guidelines, there is no adopted state or local standard for determining the cumulative significance of the proposed project's GHG emissions. In December 2008, SCAQMD adopted a 10,000 $MTCO_{2e}$/year for industrial facilities, but only with respect to projects where SCAQMD is the lead agency. Additionally, SCAQMD has proposed, but not adopted, a 3,000 MT/year CO_{2e} threshold for mixed-use developments, a 3,500 MT/year CO_{2e} threshold for residential developments, and a 1,400 MT/year CO_{2e} threshold for commercial developments. As an alternative to the aforementioned proposed thresholds for residential, commercial, and mixed-use developments, SCAQMD has also recommended using a single numerical threshold of 3,000 $MTCO_{2e}$/year for all non-industrial projects. These thresholds were developed for individual land-use projects (SCAQMD, 2010). These thresholds have not been adopted as of this writing.

The City, as the Lead Agency for the proposed project, has determined that the most appropriate threshold that would apply to the proposed project would be the 3,000 MT/year CO_{2e} threshold for all non-industrial projects.

5 METHODOLOGY

5.1 Air Quality Construction Impacts

Short-term construction-generated emissions of criteria air pollutants and ozone precursors associated with the proposed project were modeled using the California Emissions Estimator Model (CalEEMod), Version 2016.3.2 recommended by SCAQMD. Construction equipment horsepower and load factors are based on the CalEEMod model defaults. The model results were used to determine whether short-term construction-related emissions of criteria air pollutants associated with the proposed project would exceed SCAQMD's applicable regional thresholds and whether mitigation would be required. Modeling Assumptions and output files are provided in Appendix A.

In addition, to determine whether or not construction activities associated with the proposed development project would create significant adverse localized air quality impacts on nearby sensitive receptors, the worst-case daily emissions contribution from the proposed development project was compared to SCAQMD's localized significance thresholds (LSTs). The analysis of localized air quality

impacts focuses only on the on-site activities of a project. It does not include emissions generated off-site, such as from on-road haul or delivery truck trips (SCAQMD, 2003).

To analyze localized air quality impacts, SCAQMD has developed LSTs for three project site sizes: 1 acre, 2 acres, and 5 acres. The LSTs established for each of the aforementioned site acreages represent the amount of pollutant emissions that would not exceed the most stringent applicable federal or state ambient air quality standards. Because the LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceeded of applicable air quality standards, if the calculated renovation emissions for a project fall below the relevant thresholds identified in the mass rate look-up tables, then the proposed project would not be significant.

The LST threshold for a 5-acre site was used based on the number of equipment hours and the maximum daily soil disturbance activity possible for each piece of equipment. Should the project's peak daily emissions exceed the LSTs in the mass rate look-up tables, dispersion modeling of renovation emissions, in accordance with SCAQMD's recommendation, would then be conducted to evaluate the potential localized air quality impacts of the proposed project. However, as described above, under conditions where it is determined that the project's peak daily emissions would not exceed the applicable LSTs for a 5-acre site, then it can be concluded that the project would not result in any adverse localized air quality impacts.

The SCAQMD "Final Localized Significance Threshold Methodology" documents mass rate look-up threshold table guidelines to analyze the project's construction activity emissions. The SCAQMD only provides LSTs at receptor distances of 82, 164, 328, 656, and 1,640 feet from the emissions source. The LSTs for a receptor distance of 189 feet from the project area will be used for determining significance.

In conducting the localized air quality analysis, which focuses only on on-site emissions, the project's on-site construction emissions are generated from combustion sources (e.g., off-road construction equipment) under a worst-case construction scenario that was extracted from the CalEEMod model run outputs. Overall, the daily total on-site combustion, mobile, and fugitive dust emissions associated with project grading were combined and evaluated against SCAQMD's LSTs for a 5-acre site. CalEEMod data is provided in the Appendix.

5.2 Air Quality Operational Impacts

The proposed project is not expected to generate any mobile trips and is intended to improve the LOS conditions of the project roadway segment; no operational-source emissions were modeled.

Carbon Monoxide emissions

CO concentration is a direct function of motor vehicle activity (e.g., idling time and traffic flow conditions), particularly during peak commute hours and certain meteorological conditions. Under specific meteorological conditions (e.g., stable conditions that result in low dispersion), CO concentrations may

reach unhealthy levels with respect to local sensitive land uses such as residential areas, schools, and hospitals. Because of reduced speeds and vehicle queuing, "hot spots" typically occur at high traffic volume intersections.

A qualitative evaluation will be performed to determine if the proposed project's LOS and traffic volumes would produce the volume of traffic required to generate a hot spot modeling analysis. Comparisons will be made with high volume intersections presented in the regional SCAB CO "hot spot" modeling analysis conducted in 2003 for four busy intersections in Los Angeles and utilizing the BAAQMD screening criteria. If the proposed project LOS and volumes are lower than the intersections evaluated in the SCAB study, then the proposed project would not generate a hot-spot.

SCAQMD recommends the use of CalEEMod for estimating construction emissions. CalEEMod estimates the emissions of CO_2, CH4, and N2O and the resulting total CO_{2e} emissions associated with construction-related GHG sources such as off-road construction equipment, material delivery trucks, soil haul trucks, and construction worker vehicles. As CalEEMod currently uses IPCC's 1996 SAR to assign the GWPs for CH_4 and N_2O, the emissions for these two GHGs were taken from the CalEEMod outputs and converted to CO_{2e} emissions outside of CalEEMod using the updated GWPs from IPCC's AR4. The GHG analysis incorporates similar assumptions as the air quality analysis for modeling consistency. Based on SCAQMD's 2008 Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold document, SCAQMD recommends that for construction GHG emissions, the total emissions for a project be amortized over a 30-year period.

The increased concentration of GHGs in the atmosphere has been linked to global warming, leading to climate change. The project's contribution to global climate change includes evaluating the project's total annual GHG emissions against the 3,000 MT/year CO_{2e} threshold. All GHG emission calculations are provided in the Appendix.

Because construction incrementally contributes to GHG emissions along with past, present, and future activities, the CEQA Guidelines acknowledge this as a cumulative impact. In addition, single projects are not substantial enough to result in a measurable increase in global concentrations of GHG emissions; thus, GHG impacts are considered on a worldwide and cumulative scale. Within this study, GHG impacts are considered on a cumulative basis.

6 CONSTRUCTION EMISSIONS

6.1 Regional Emissions

Construction activities associated with the proposed project will result in CO, VOC, NOx, SOx, $PM_{10,}$ and $PM_{2.5}$. Construction-related emissions are expected from construction activities related to the road widening and site improvements of the proposed project.

Construction is expected to last for a duration of 8 months. Construction activity, equipment-type, and duration of each phase were based on the applicant's information and defaults from the CalEEMod model, as shown in Table 7. The construction schedule is assumed to represent a "worse case" analysis scenario. During construction, SCAQMD Rules require standard best available control measures (BACM) to be incorporated during construction and are not considered mitigation as they are standard regulatory requirements. These standard procedures include but are not limited to: Rule 1403 (Asbestos), Rule 1113 Architectural Coatings, Rule 431.2 (Low Sulfur Fuel), Rule 403 Fugitive Dust and Rule 1186/1186.1 Street Sweepers.

Table 7. Construction Activity, Equipment Type and Duration

Phase Name	Off-Road Equipment Type	Off-Road Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Site Preparation	Graders	1	8	187	0.41
Site Preparation	Scrapers	1	8	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7	97	0.37
Grading	Graders	1	8	187	0.41
Grading	Rubber Tired Dozers	1	8	247	0.4
Grading	Tractors/Loaders/Backhoes	2	7	97	0.37
Paving	Cement and Mortar Mixers	1	8	9	0.56
Paving	Pavers	1	8	130	0.42
Paving	Paving Equipment	1	8	132	0.36
Paving	Rollers	2	8	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8	97	0.37
Architectural Coating	Air Compressors	1	6	78	0.48

The estimated maximum daily construction emissions are summarized in Table 8. Detailed construction model outputs are presented in Appendix A. As shown in Table 8, construction emissions resulting from the proposed project would not exceed the applicable SCQAMD regional emission thresholds of significance for any criteria pollutant. Implementation of Rule 403 would further reduce emissions to less than significant levels. Therefore, a less than significant impact would occur.

Table 8: Regional Construction Emissions of Maximum Daily Emissions (lbs/day)

	CO.	NOx	ROG	SOx	PM_{10}[1]	$PM_{2.5}$
Summer	21.87	41.32	3.66	0.05	2.70	12.4
Winter	21.94	41.32	3.66	0.05	2.62	12.4
SCAQMD Thresholds	550	100	75	150	150	55
Exceeds Threshold	No	No	No	No	No	No

Source: CalEEMod Version 2016.3.2. See Appendix A for detailed tables.

SCAQMD Air Quality Significance Thresholds prepared by South Coast Air Quality Management District March 2015.

[1] SCAQMD Rule 403 applied for dust control.

6.2 Localized Emissions

According to the *Fact Sheet for Applying CalEEMod to Localized Significance Thresholds,* prepared by SCAQMD, the project size should be determined by the number and type of equipment utilized during each phase of construction, with 0.5 acres assigned to each crawler tractor, grader, and rubber-tired dozer used and 1.0 acre assigned to each scraper used. According to Section 5.1 above that lists the construction equipment for each phase, the phases with the highest acreage are site preparation and grading. The associated equipment for the site preparation phase would utilize one grader (0.5 acres), one rubber-tired dozer (0.5 acres), and one scraper (1 acre). Associated equipment for the grading phase would include one grader (0.5 acres), one tractor (0.5 acres), and one dozer (0.5 acres). Therefore, the highest acreage is site preparation, which results in analyzing a 2-acre project site.

The worst-case emissions from CalEEMod on-site emission results for each phase were compared to LST values for a 2-acre site to provide a conservative evaluation. Therefore, if the project's emissions would not exceed the applicable LSTs for a 2-acre site, then the project impacts would not be significant.

6.2.1 Impacts without Mitigation

Table 9 identifies the unmitigated localized impacts at the nearest receptor location in the project vicinity.

Table 9: Unmitigated Localized Construction Emissions of Maximum Daily Emissions (lbs/day)[1]

Pollutants	NOx	CO	PM10	PM2.5
2020 Site prep Total	19.92	11.27	0.10	0.05
2021 Site prep Total	18.29	10.75	0.10	0.05
2020 Grading Total	21.34	9.94	2.34	1.33
2021 Grading Total	20.21	9.76	2.34	1.33
Total	**79.76**	**41.72**	**4.88**	**2.76**
SCAQMD Thresholds	265	2,049	32	4
Exceeds Threshold	No	No	No	No

Source: CalEEMod Version 2016.3.2. See Appendix A for detailed tables.

SCAQMD Air Quality Significance Thresholds prepared by South Coast Air Quality Management District March 2015. Construction thresholds apply to both the South Coast Air Basin and Coachella Valley (the Salton Sea and Mojave Desert Air Basins)

[1] SCAQMD Rule 403 was used to PM10 and PM2.5 emissions for dust control.

6.3 CO Hot Spot Analysis

An adverse CO concentration, known as a “hot spot,” would occur if an exceedance of the state one-hour standard of 20 ppm or the eight-hour standard of 9ppm were to occur. At the time of the 1993 Handbook, the SCAG was designated nonattainment under the California AAQS and National AAQS for CO. It has long been recognized that CO hot-spots are caused by vehicular emissions, primarily when idling at congested intersections. However, vehicle emissions standards have become increasingly stringent in the last twenty years. Currently, California's allowable CO emissions standard is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of

older vehicles, the introduction of cleaner fuels, and the implementation of increasingly sophisticated and efficient emissions control technologies, CO concentration in the SCAB is now designated as attainment, as previously noted in Table 4. Also, CO concentrations in the project vicinity have steadily declined.

Similar considerations are also employed by other Air Districts when evaluating potential CO concentration impacts. More specifically, the Bay Area Air Quality Management District (BAAQM) concludes that under existing and future vehicle emission rates, a given project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour- or 24,000 vehicles per hours were vertical and/or horizontal air does not mix-in order to generate a significant CO impact. The proposed project would not produce this volume of traffic required to create a CO "hot spot." For the project buildout under cumulative conditions, the highest daily volume would be 9,461, which is lower than the BAAQM threshold representative thresholds. Therefore, CO "hot-spots:" are not an environmental impact of concern for the proposed project. Localized air quality impacts related to mobile-source emissions would, therefore, be less than significant.

6.4 Conflict with or obstruct implementation of the applicable air quality plan

As described above, the project area is located in the South Coast Air Basin, which is under the jurisdictional boundaries of the SCAQMD. The SCAQMD and Southern California Association of Governments (SCAG) are responsible for preparing the Air Quality Management Plan (AQMP), which addresses federal and state Clean Air Act (CAA) requirements. The AQMP details goals, policies, and programs for improving air quality in the Basin. For purposes of analyzing consistency with the AQMP, if the proposed project would result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations, or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP, then the proposed project would conflict with the AQMP. On the other hand, if the proposed project demonstrates no increase in violations or worsening of air quality, then the project would not conflict with SCAQMD's attainment plans. CAAQS and NAAQS violations would occur if localized significance thresholds (LSTs) or regional significance thresholds were exceeded. As part of the proposed project LST analysis, these thresholds were not exceeded, and a less than significant impact is expected. On this basis, the proposed project is determined to be consistent with the SCAQMD AQMP.

6.5 Potential Impacts on Sensitive Receptors

The potential impact of project-generated air pollutant emissions at sensitive receptors has also been considered. Sensitive receptors can include uses such as long-term health care facilities, rehabilitation centers, and retirement homes. Residences, schools, playgrounds, child care centers, and athletic facilities can also be considered sensitive receptors.

The LST analysis results indicate that the project will not exceed the SCAQMD localized significance thresholds during construction. Therefore, sensitive receptors would not be subjected to a significant air quality impact during construction.

The proposed project would not result in a CO "hot-spot" due to Project-related traffic during ongoing construction, nor would the proposed project result in a significant adverse health impact.

6.6 Odors

The SCAQMD Air Quality Handbook identifies the following uses as having potential odor issues: wastewater treatment plants, food processing plants, agricultural uses, chemical plants, composting, refineries, landfills, dairies, and fiberglass moldings.

The proposed project would develop a segment of roadway along Pennsylvania Avenue. The roadway widening does not involve the types of uses that would emit objectionable odors affecting a substantial number of people.

In addition, odors generated by construction activities are required to comply with SCAQMD Rule 402 to prevent odor nuisances on sensitive land uses. SCAQMD Rule 402, Nuisance, states:

> *A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.*

During construction, emissions from construction equipment, such as diesel exhaust, and volatile organic compounds from architectural coatings and paving activities may generate odors. However, these odors would be temporary and are not expected to affect a substantial number of people. Therefore, impacts relating to operational and construction activity odors from the proposed project would be less than significant.

6.7 Cumulative Impacts

The proposed project area is designated as an extreme nonattainment area for Ozone and $PM_{2.5}$. The project's contribution to the region's cumulative emissions requires evaluation. According to the SCAQMD published a report on how to address cumulative impacts from air pollution: White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution, AQMD uses the same significant thresholds for project-specific and cumulative impacts. Therefore, this analysis assumes the individual projects that do not generate construction emissions that exceed the SCAQMD's recommended daily thresholds for project-specific impacts would also not cause a cumulatively considerate increase in emissions for these pollutants for which the Basin is in nonattainment, and therefore, would not be

considered to have a significant, adverse air quality impact. Alternatively, individual project-related construction emissions that exceed SCAQMD thresholds for project-specific impacts would be regarded as cumulatively considerable. For this Project, project-specific impacts are considered less than significant. Thus a less than significant cumulatively impact would not occur since the proposed project emissions would not exceed SCAQMD thresholds for construction activities.

7 GREENHOUSE GAS IMPACT ASSESSMENT

This GHG assessment evaluates the potential for the proposed project to cumulatively contribute to GHG emissions. GHG impacts are considered globally, as single projects are not substantial enough to result in a measurable increase in global concentrations of GHG emissions. GHG impacts of a project are considered on a cumulative basis. This section also evaluates the project's consistency with the strategies outlined in the CARB Scoping Plan and thresholds.

Construction Emissions

Construction activities would be temporary and occur over eight months. Construction activities would consist of site preparation, grading, paving, and architectural coating. The construction activities would result in the emission of GHGs from equipment exhaust, construction-related vehicular activity, and construction worker automobile trips. Emission levels for construction activities would vary depending on the number and type of equipment, duration of use, operation schedules, and the number of construction workers. Total estimated construction-related GHG emissions for the proposed project are shown in Table 10. As shown, the project's total estimated mitigated GHG emissions during construction would equal approximately 132.82 $MTCO_{2e}$/yr. This would equate to approximately 4.43 $MTCO_{2e}$ per year after amortization over 30 years per SCAQMD methodology.

Table 10. Estimated Total Construction-Related GHG Emissions

Emission Source	Estimated CO_2e Emissions
Construction Emissions	
Total	132.82 (MT)
Annual Construction (Amortized over 30 years)	**4.43 (M.T./Yr)**

NOTES: CO_2e= carbon dioxide equivalent; MT =metric tons; MT/yr = metric tons per year.

As described above, the proposed project would result in 132.82 $MTCO_{2e}$/year, which is less than the 3,000 $MTCO_{2e}$/year screening threshold.

Consistency with CARB Scoping Plan

Scoping Plan includes Recommended Actions that are listed in Table 2 that are recommended to reduce GHG emissions. The Proposed Project would reduce vehicle emissions through traffic flow improvements, which is

consistent with the Regional Transportation Reduction Targets (T-3) of the CARB Scoping Plan. Construction emissions for the Proposed Project would be below the SCAQMD GHG emissions threshold of 3,000 MTCO2e per year. Therefore, the Proposed Project would not conflict with an applicable plan, policy, or regulation adopted and consistent with the CARB Scoping Plan to reduce emissions of greenhouse gases.

8 FINDINGS & CONCLUSIONS

8.1 Regional impacts

Project construction-source emissions would not exceed the regional numerical thresholds of significance established by the SCAQMD for any criteria pollutants. It should be noted that BACMs are not mitigation as they are standard regulatory requirements. Implementation of mitigation measure SCAQMD 403 will further reduce emissions to less than significant levels. Thus, a less than significant impact would occur.

8.2 Localized Impacts

Project construction source emissions would exceed the SCAQMD's localized significance thresholds for emissions of PM_{10} and $PM_{2.5}$. SCAQMD Rule 403 is recommended to reduce the severity of the impacts. After the implementation of SCAQMD Rule 403, project construction-source emissions would not exceed the SCAQMD's localized significance thresholds for any criteria pollutant, and a less than significant impact would occur.

Project construction source emissions would be consistent with the applicable AMP

8.3 Odors

Established requirements addressing construction equipment operations, construction material use, storage, and disposal requirements act to minimize order impacts resulting from construction activities. Moreover, construction-source odor emissions would be temporary, short-term, and intermittent, resulting in persistent effects that would substantially affect people. Potential construction-source order impacts are therefore considered less than significant.

8.4 Greenhouse Gas

The GHG assessment demonstrates that the proposed project would result in less than significant impacts related to GHG. Modeling the GHG emissions from the project's construction and operation indicates that the proposed project would result in approximately 132.8 $MTCO_{2e}$ per year, which would not exceed the threshold of 3,000 MT/year CO_{2e}. In addition, the proposed project would not conflict with any applicable plan, policy, or regulation to reduce GHG emissions levels. Therefore, GHG emissions related to the proposed project would have a less than significant impact on the environment.

9 REFERENCES

California Air Resources Board, 2016. Ambient Air Quality Standards (AAQS)

California Air Resources Board AB 32 Scoping Plan. Accessed: http://www.arb.ca.gov/cc/scopingplan/scopingplan.htm

CARB, 2009. Climate Change Scoping Plan: A Framework for Change. Amended May 11, 2009. Accessed at: http://www.arb.ca.gov/cc/scopingplan/document/adopted_scoping_plan.pdf

California Air Resources Board (CARB). 2016. Ambient Air Quality Standards (AAQS)

California Air Resources Board (CARB). 2014. California Greenhouse Gas Inventory for 2000-2012 — by Category as Defined in the 2008 Scoping Plan. Accessed at: http://www.arb.ca.gov/cc/inventory/data/tables/ghg_inventory_scopingplan_00-12_2014-03-24.pdf

South Coast Air Quality Management District 2012 Air Quality Management Plan AQMP (AQMP)

IPCC. 2001. Intergovernmental Panel on Climate Change (IPCC). 2001. Climate Change 2001: Working Group I: The Scientific Basis. Last revised: 2001. Accessed at: http://www.grida.no/climate/ipcc%5Ftar/wg1/032.htm#f5

SCAQMD, *CEQA Handbook*, Tables 11-4, pages 11-15 and A11-9-A, page A11-77.

South Coast Air Quality Management District Air Quality and Greenhouse Gas CEQA Significance Thresholds. 2015 http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/ghg-significance thresholds

Appendix A: CalEEMOD Results

Pennsylvannia Avenue Widening Project

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	2.90	Acre	2.90	126,324.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	10			**Operational Year**	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Pennsylvannia Avenue Widening Project - South Coast AQMD Air District, Winter

Project Characteristics -

Land Use - Assumed 2.9 acres based on excavation amount of 4,700 cu. yards.
Converted cu. yards to feet to obtain approximately 2.9 acres.

Construction Phase - Per project description durations for each phase were obtained.

Total construction period is 8 months
Site preparation- 1 month
Grading-5 months
Paving- 1 month
Arch. Coating-1 month

Off-road Equipment - no demolition is occuring on site.

Architectural Coating - Rule 1113

Construction Off-road Equipment Mitigation - Using Tier 4 CARB compliant construction equipment

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - No building is being constructed.

Off-road Equipment -

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	220.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	6.00	120.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	3.00	30.00
tblConstructionPhase	PhaseEndDate	11/11/2021	12/9/2021
tblConstructionPhase	PhaseEndDate	10/14/2021	12/10/2020
tblConstructionPhase	PhaseEndDate	11/27/2020	11/1/2020
tblConstructionPhase	PhaseEndDate	12/10/2020	5/19/2021
tblConstructionPhase	PhaseEndDate	10/28/2021	11/25/2021

tblConstructionPhase	PhaseEndDate	12/2/2020	1/8/2021
tblGrading	AcresOfGrading	60.00	3.00
tblGrading	AcresOfGrading	45.00	4.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.6628	41.3214	21.8659	0.0470	6.4089	1.7688	8.1776	3.3836	1.6273	5.0109						
2021	3.4564	38.5536	21.1193	0.0470	6.4089	1.6191	8.0280	3.3836	1.4896	4.8732						
Maximum	**3.6628**	**41.3214**	**21.8659**	**0.0470**	**6.4089**	**1.7688**	**8.1776**	**3.3836**	**1.6273**	**5.0109**						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.6418	2.4560	23.4291	0.0470	2.6222	0.0753	2.6974	1.3522	0.0751	1.4273						
2021	1.1988	2.4500	23.3759	0.0470	2.6222	0.0752	2.6974	1.3522	0.0751	1.4273						
Maximum	**1.1988**	**2.4560**	**23.4291**	**0.0470**	**2.6222**	**0.0753**	**2.6974**	**1.3522**	**0.0751**	**1.4273**						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**74.15**	**93.86**	**-8.89**	**0.00**	**59.09**	**95.56**	**66.71**	**60.04**	**95.18**	**71.12**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0544	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	**0.0544**	**0.0000**	**3.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0544	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	**0.0544**	**0.0000**	**3.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/2/2020	11/1/2020	5	0	
2	Site Preparation	Site Preparation	11/28/2020	1/8/2021	5	30	
3	Grading	Grading	12/3/2020	5/19/2021	5	120	
4	Building Construction	Building Construction	12/11/2020	12/10/2020	5	0	
5	Paving	Paving	10/15/2021	11/25/2021	5	30	
6	Architectural Coating	Architectural Coating	10/29/2021	12/9/2021	5	30	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 2.9

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 7,579 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Cranes	0	8.00	231	0.29
Building Construction	Forklifts	0	7.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Welders	0	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	53.00	21.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	11.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1591	0.0000	0.1591	0.0172	0.0000	0.0172						
Off-Road	1.6521	19.9196	11.2678	0.0245		0.7771	0.7771		0.7149	0.7149						
Total	**1.6521**	**19.9196**	**11.2678**	**0.0245**	**0.1591**	**0.7771**	**0.9362**	**0.0172**	**0.7149**	**0.7321**						

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0395	0.0266	0.2945	8.6000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.2000e-004	0.0243						
Total	**0.0395**	**0.0266**	**0.2945**	**8.6000e-004**	**0.0894**	**6.8000e-004**	**0.0901**	**0.0237**	**6.2000e-004**	**0.0243**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0620	0.0000	0.0620	6.7000e-003	0.0000	6.7000e-003						
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401						
Total	**0.3008**	**1.3034**	**11.8595**	**0.0245**	**0.0620**	**0.0401**	**0.1021**	**6.7000e-003**	**0.0401**	**0.0468**						

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0395	0.0266	0.2945	8.6000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.2000e-004	0.0243						
Total	**0.0395**	**0.0266**	**0.2945**	**8.6000e-004**	**0.0894**	**6.8000e-004**	**0.0901**	**0.0237**	**6.2000e-004**	**0.0243**						

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1591	0.0000	0.1591	0.0172	0.0000	0.0172						
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457						
Total	**1.5463**	**18.2862**	**10.7496**	**0.0245**	**0.1591**	**0.7019**	**0.8610**	**0.0172**	**0.6457**	**0.6629**						

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243						
Total	**0.0369**	**0.0240**	**0.2708**	**8.3000e-004**	**0.0894**	**6.6000e-004**	**0.0901**	**0.0237**	**6.1000e-004**	**0.0243**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0620	0.0000	0.0620	6.7000e-003	0.0000	6.7000e-003						
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401						
Total	**0.3008**	**1.3034**	**11.8595**	**0.0245**	**0.0620**	**0.0401**	**0.1021**	**6.7000e-003**	**0.0401**	**0.0468**						

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0369	0.0240	0.2708	8.3000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243						
Total	**0.0369**	**0.0240**	**0.2708**	**8.3000e-004**	**0.0894**	**6.6000e-004**	**0.0901**	**0.0237**	**6.1000e-004**	**0.0243**						

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0486	0.0000	6.0486	3.3131	0.0000	3.3131						
Off-Road	1.9219	21.3418	9.9355	0.0206		0.9902	0.9902		0.9110	0.9110						
Total	**1.9219**	**21.3418**	**9.9355**	**0.0206**	**6.0486**	**0.9902**	**7.0388**	**3.3131**	**0.9110**	**4.2240**						

3.4 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0494	0.0333	0.3681	1.0700e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304						
Total	**0.0494**	**0.0333**	**0.3681**	**1.0700e-003**	**0.1118**	**8.5000e-004**	**0.1126**	**0.0296**	**7.8000e-004**	**0.0304**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3590	0.0000	2.3590	1.2921	0.0000	1.2921						
Off-Road	0.2522	1.0927	10.9071	0.0206		0.0336	0.0336		0.0336	0.0336						
Total	**0.2522**	**1.0927**	**10.9071**	**0.0206**	**2.3590**	**0.0336**	**2.3926**	**1.2921**	**0.0336**	**1.3257**						

3.4 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0494	0.0333	0.3681	1.0700e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304						
Total	**0.0494**	**0.0333**	**0.3681**	**1.0700e-003**	**0.1118**	**8.5000e-004**	**0.1126**	**0.0296**	**7.8000e-004**	**0.0304**						

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0486	0.0000	6.0486	3.3131	0.0000	3.3131						
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425						
Total	**1.8271**	**20.2135**	**9.7604**	**0.0206**	**6.0486**	**0.9158**	**6.9644**	**3.3131**	**0.8425**	**4.1556**						

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0461	0.0300	0.3385	1.0400e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304						
Total	**0.0461**	**0.0300**	**0.3385**	**1.0400e-003**	**0.1118**	**8.2000e-004**	**0.1126**	**0.0296**	**7.6000e-004**	**0.0304**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3590	0.0000	2.3590	1.2921	0.0000	1.2921						
Off-Road	0.2522	1.0927	10.9071	0.0206		0.0336	0.0336		0.0336	0.0336						
Total	**0.2522**	**1.0927**	**10.9071**	**0.0206**	**2.3590**	**0.0336**	**2.3926**	**1.2921**	**0.0336**	**1.3257**						

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0461	0.0300	0.3385	1.0400e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304						
Total	**0.0461**	**0.0300**	**0.3385**	**1.0400e-003**	**0.1118**	**8.2000e-004**	**0.1126**	**0.0296**	**7.6000e-004**	**0.0304**						

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371						
Paving	0.2533					0.0000	0.0000		0.0000	0.0000						
Total	**1.3166**	**10.6478**	**11.7756**	**0.0178**		**0.5826**	**0.5826**		**0.5371**	**0.5371**						

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456						
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2104	0.9117	12.9737	0.0178		0.0281	0.0281		0.0281	0.0281						
Paving	0.2533					0.0000	0.0000		0.0000	0.0000						
Total	**0.4637**	**0.9117**	**12.9737**	**0.0178**		**0.0281**	**0.0281**		**0.0281**	**0.0281**						

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456						
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**						

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.5855					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	**0.8044**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**						

3.7 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0507	0.0330	0.3724	1.1400e-003	0.1230	9.1000e-004	0.1239	0.0326	8.3000e-004	0.0334						
Total	**0.0507**	**0.0330**	**0.3724**	**1.1400e-003**	**0.1230**	**9.1000e-004**	**0.1239**	**0.0326**	**8.3000e-004**	**0.0334**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.5855					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003						
Total	**0.6152**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**						

3.7 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0507	0.0330	0.3724	1.1400e-003	0.1230	9.1000e-004	0.1239	0.0326	8.3000e-004	0.0334						
Total	**0.0507**	**0.0330**	**0.3724**	**1.1400e-003**	**0.1230**	**9.1000e-004**	**0.1239**	**0.0326**	**8.3000e-004**	**0.0334**						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0544	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Unmitigated	0.0544	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.6200e-003					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.0447					0.0000	0.0000		0.0000	0.0000						
Landscaping	3.0000e-005	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	**0.0544**	**0.0000**	**3.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.6200e-003					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.0447					0.0000	0.0000		0.0000	0.0000						
Landscaping	3.0000e-005	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	**0.0544**	**0.0000**	**3.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pennsylvannia Avenue Widening Project

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	2.90	Acre	2.90	126,324.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	10			**Operational Year**	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Assumed 2.9 acres based on excavation amount of 4,700 cu. yards.
Converted cu. yards to feet to obtain approximately 2.9 acres.

Construction Phase - Per project description durations for each phase were obtained.

Total construction period is 8 months
Site preparation- 1 month
Grading-5 months
Paving- 1 month
Arch. Coating-1 month

Off-road Equipment - no demolition is occuring on site.

Architectural Coating - Rule 1113

Construction Off-road Equipment Mitigation - Using Tier 4 CARB compliant construction equipment

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - No building is being constructed.

Off-road Equipment -

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	220.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	6.00	120.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	3.00	30.00
tblConstructionPhase	PhaseEndDate	11/11/2021	12/9/2021
tblConstructionPhase	PhaseEndDate	10/14/2021	12/10/2020
tblConstructionPhase	PhaseEndDate	11/27/2020	11/1/2020
tblConstructionPhase	PhaseEndDate	12/10/2020	5/19/2021
tblConstructionPhase	PhaseEndDate	10/28/2021	11/25/2021

tblConstructionPhase	PhaseEndDate	12/2/2020	1/8/2021
tblGrading	AcresOfGrading	60.00	3.00
tblGrading	AcresOfGrading	45.00	4.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.6554	41.3162	21.9392	0.0472	6.4089	1.7688	8.1776	3.3836	1.6273	5.0109						
2021	3.4493	38.5490	21.1881	0.0471	6.4089	1.6191	8.0280	3.3836	1.4896	4.8732						
Maximum	**3.6554**	**41.3162**	**21.9392**	**0.0472**	**6.4089**	**1.7688**	**8.1776**	**3.3836**	**1.6273**	**5.0109**						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.6344	2.4508	23.5024	0.0472	2.6222	0.0753	2.6974	1.3522	0.0751	1.4273						
2021	1.1886	2.4453	23.4447	0.0471	2.6222	0.0752	2.6974	1.3522	0.0751	1.4273						
Maximum	**1.1886**	**2.4508**	**23.5024**	**0.0472**	**2.6222**	**0.0753**	**2.6974**	**1.3522**	**0.0751**	**1.4273**						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**74.34**	**93.87**	**-8.86**	**0.00**	**59.09**	**95.56**	**66.71**	**60.04**	**95.18**	**71.12**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0544	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	**0.0544**	**0.0000**	**3.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0544	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	**0.0544**	**0.0000**	**3.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/2/2020	11/1/2020	5	0	
2	Site Preparation	Site Preparation	11/28/2020	1/8/2021	5	30	
3	Grading	Grading	12/3/2020	5/19/2021	5	120	
4	Building Construction	Building Construction	12/11/2020	12/10/2020	5	0	
5	Paving	Paving	10/15/2021	11/25/2021	5	30	
6	Architectural Coating	Architectural Coating	10/29/2021	12/9/2021	5	30	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 2.9

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 7,579 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Cranes	0	8.00	231	0.29
Building Construction	Forklifts	0	7.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Welders	0	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	53.00	21.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	11.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1591	0.0000	0.1591	0.0172	0.0000	0.0172						
Off-Road	1.6521	19.9196	11.2678	0.0245		0.7771	0.7771		0.7149	0.7149						
Total	**1.6521**	**19.9196**	**11.2678**	**0.0245**	**0.1591**	**0.7771**	**0.9362**	**0.0172**	**0.7149**	**0.7321**						

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0362	0.0243	0.3271	9.2000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.2000e-004	0.0243						
Total	**0.0362**	**0.0243**	**0.3271**	**9.2000e-004**	**0.0894**	**6.8000e-004**	**0.0901**	**0.0237**	**6.2000e-004**	**0.0243**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0620	0.0000	0.0620	6.7000e-003	0.0000	6.7000e-003						
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401						
Total	**0.3008**	**1.3034**	**11.8595**	**0.0245**	**0.0620**	**0.0401**	**0.1021**	**6.7000e-003**	**0.0401**	**0.0468**						

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0362	0.0243	0.3271	9.2000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.2000e-004	0.0243						
Total	**0.0362**	**0.0243**	**0.3271**	**9.2000e-004**	**0.0894**	**6.8000e-004**	**0.0901**	**0.0237**	**6.2000e-004**	**0.0243**						

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1591	0.0000	0.1591	0.0172	0.0000	0.0172						
Off-Road	1.5463	18.2862	10.7496	0.0245		0.7019	0.7019		0.6457	0.6457						
Total	**1.5463**	**18.2862**	**10.7496**	**0.0245**	**0.1591**	**0.7019**	**0.8610**	**0.0172**	**0.6457**	**0.6629**						

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0338	0.0219	0.3014	8.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243						
Total	**0.0338**	**0.0219**	**0.3014**	**8.9000e-004**	**0.0894**	**6.6000e-004**	**0.0901**	**0.0237**	**6.1000e-004**	**0.0243**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0620	0.0000	0.0620	6.7000e-003	0.0000	6.7000e-003						
Off-Road	0.3008	1.3034	11.8595	0.0245		0.0401	0.0401		0.0401	0.0401						
Total	**0.3008**	**1.3034**	**11.8595**	**0.0245**	**0.0620**	**0.0401**	**0.1021**	**6.7000e-003**	**0.0401**	**0.0468**						

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0338	0.0219	0.3014	8.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.1000e-004	0.0243						
Total	**0.0338**	**0.0219**	**0.3014**	**8.9000e-004**	**0.0894**	**6.6000e-004**	**0.0901**	**0.0237**	**6.1000e-004**	**0.0243**						

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0486	0.0000	6.0486	3.3131	0.0000	3.3131						
Off-Road	1.9219	21.3418	9.9355	0.0206		0.9902	0.9902		0.9110	0.9110						
Total	**1.9219**	**21.3418**	**9.9355**	**0.0206**	**6.0486**	**0.9902**	**7.0388**	**3.3131**	**0.9110**	**4.2240**						

3.4 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0452	0.0304	0.4088	1.1500e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304						
Total	**0.0452**	**0.0304**	**0.4088**	**1.1500e-003**	**0.1118**	**8.5000e-004**	**0.1126**	**0.0296**	**7.8000e-004**	**0.0304**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3590	0.0000	2.3590	1.2921	0.0000	1.2921						
Off-Road	0.2522	1.0927	10.9071	0.0206		0.0336	0.0336		0.0336	0.0336						
Total	**0.2522**	**1.0927**	**10.9071**	**0.0206**	**2.3590**	**0.0336**	**2.3926**	**1.2921**	**0.0336**	**1.3257**						

3.4 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0452	0.0304	0.4088	1.1500e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304						
Total	**0.0452**	**0.0304**	**0.4088**	**1.1500e-003**	**0.1118**	**8.5000e-004**	**0.1126**	**0.0296**	**7.8000e-004**	**0.0304**						

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0486	0.0000	6.0486	3.3131	0.0000	3.3131						
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425						
Total	**1.8271**	**20.2135**	**9.7604**	**0.0206**	**6.0486**	**0.9158**	**6.9644**	**3.3131**	**0.8425**	**4.1556**						

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0422	0.0274	0.3767	1.1100e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304						
Total	**0.0422**	**0.0274**	**0.3767**	**1.1100e-003**	**0.1118**	**8.2000e-004**	**0.1126**	**0.0296**	**7.6000e-004**	**0.0304**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3590	0.0000	2.3590	1.2921	0.0000	1.2921						
Off-Road	0.2522	1.0927	10.9071	0.0206		0.0336	0.0336		0.0336	0.0336						
Total	**0.2522**	**1.0927**	**10.9071**	**0.0206**	**2.3590**	**0.0336**	**2.3926**	**1.2921**	**0.0336**	**1.3257**						

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0422	0.0274	0.3767	1.1100e-003	0.1118	8.2000e-004	0.1126	0.0296	7.6000e-004	0.0304						
Total	**0.0422**	**0.0274**	**0.3767**	**1.1100e-003**	**0.1118**	**8.2000e-004**	**0.1126**	**0.0296**	**7.6000e-004**	**0.0304**						

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371						
Paving	0.2533					0.0000	0.0000		0.0000	0.0000						
Total	**1.3166**	**10.6478**	**11.7756**	**0.0178**		**0.5826**	**0.5826**		**0.5371**	**0.5371**						

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456						
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2104	0.9117	12.9737	0.0178		0.0281	0.0281		0.0281	0.0281						
Paving	0.2533					0.0000	0.0000		0.0000	0.0000						
Total	**0.4637**	**0.9117**	**12.9737**	**0.0178**		**0.0281**	**0.0281**		**0.0281**	**0.0281**						

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456						
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**						

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.5855					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941						
Total	**0.8044**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**						

3.7 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0464	0.0301	0.4144	1.2200e-003	0.1230	9.1000e-004	0.1239	0.0326	8.3000e-004	0.0334						
Total	**0.0464**	**0.0301**	**0.4144**	**1.2200e-003**	**0.1230**	**9.1000e-004**	**0.1239**	**0.0326**	**8.3000e-004**	**0.0334**						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.5855					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003						
Total	**0.6152**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**						

3.7 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0464	0.0301	0.4144	1.2200e-003	0.1230	9.1000e-004	0.1239	0.0326	8.3000e-004	0.0334						
Total	**0.0464**	**0.0301**	**0.4144**	**1.2200e-003**	**0.1230**	**9.1000e-004**	**0.1239**	**0.0326**	**8.3000e-004**	**0.0334**						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0544	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Unmitigated	0.0544	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.6200e-003					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.0447					0.0000	0.0000		0.0000	0.0000						
Landscaping	3.0000e-005	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	**0.0544**	**0.0000**	**3.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.6200e-003					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.0447					0.0000	0.0000		0.0000	0.0000						
Landscaping	3.0000e-005	0.0000	3.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	**0.0544**	**0.0000**	**3.0000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**						

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Pennsylvannia Avenue Widening Project

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	2.90	Acre	2.90	126,324.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	10			**Operational Year**	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Assumed 2.9 acres based on excavation amount of 4,700 cu. yards.
Converted cu. yards to feet to obtain approximately 2.9 acres.

Construction Phase - Per project description durations for each phase were obtained.

Total construction period is 8 months
Site preparation- 1 month
Grading-5 months
Paving- 1 month
Arch. Coating-1 month

Off-road Equipment - no demolition is occuring on site.

Architectural Coating - Rule 1113

Construction Off-road Equipment Mitigation - Using Tier 4 CARB compliant construction equipment

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - No building is being constructed.

Off-road Equipment -

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Parking	100.00	50.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	220.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblConstructionPhase	NumDays	6.00	120.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	3.00	30.00
tblConstructionPhase	PhaseEndDate	11/11/2021	12/9/2021
tblConstructionPhase	PhaseEndDate	10/14/2021	12/10/2020
tblConstructionPhase	PhaseEndDate	11/27/2020	11/1/2020
tblConstructionPhase	PhaseEndDate	12/10/2020	5/19/2021
tblConstructionPhase	PhaseEndDate	10/28/2021	11/25/2021

tblConstructionPhase	PhaseEndDate	12/2/2020	1/8/2021
tblGrading	AcresOfGrading	60.00	3.00
tblGrading	AcresOfGrading	45.00	4.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020											0.0000	46.8338	46.8338	0.0146	0.0000	47.1979
2021											0.0000	131.8462	131.8462	0.0389	0.0000	132.8196
Maximum											**0.0000**	**131.8462**	**131.8462**	**0.0389**	**0.0000**	**132.8196**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020											0.0000	46.8338	46.8338	0.0146	0.0000	47.1978
2021											0.0000	131.8460	131.8460	0.0389	0.0000	132.8195
Maximum											**0.0000**	**131.8460**	**131.8460**	**0.0389**	**0.0000**	**132.8195**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area											0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Energy											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area											0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Energy											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/2/2020	11/1/2020	5	0	
2	Site Preparation	Site Preparation	11/28/2020	1/8/2021	5	30	
3	Grading	Grading	12/3/2020	5/19/2021	5	120	
4	Building Construction	Building Construction	12/11/2020	12/10/2020	5	0	
5	Paving	Paving	10/15/2021	11/25/2021	5	30	
6	Architectural Coating	Architectural Coating	10/29/2021	12/9/2021	5	30	

Acres of Grading (Site Preparation Phase): 4.5

Acres of Grading (Grading Phase): 3

Acres of Paving: 2.9

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 7,579 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Cranes	0	8.00	231	0.29
Building Construction	Forklifts	0	7.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Scrapers	1	8.00	367	0.48
Building Construction	Welders	0	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	53.00	21.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	11.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	25.8320	25.8320	8.3500e-003	0.0000	26.0408
Total											**0.0000**	**25.8320**	**25.8320**	**8.3500e-003**	**0.0000**	**26.0408**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.9482	0.9482	3.0000e-005	0.0000	0.9488
Total											**0.0000**	**0.9482**	**0.9482**	**3.0000e-005**	**0.0000**	**0.9488**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	25.8319	25.8319	8.3500e-003	0.0000	26.0408
Total											**0.0000**	**25.8319**	**25.8319**	**8.3500e-003**	**0.0000**	**26.0408**

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.9482	0.9482	3.0000e-005	0.0000	0.9488
Total											**0.0000**	**0.9482**	**0.9482**	**3.0000e-005**	**0.0000**	**0.9488**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	6.4579	6.4579	2.0900e-003	0.0000	6.5102
Total											**0.0000**	**6.4579**	**6.4579**	**2.0900e-003**	**0.0000**	**6.5102**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.2294	0.2294	1.0000e-005	0.0000	0.2295
Total											**0.0000**	**0.2294**	**0.2294**	**1.0000e-005**	**0.0000**	**0.2295**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	6.4579	6.4579	2.0900e-003	0.0000	6.5101
Total											**0.0000**	**6.4579**	**6.4579**	**2.0900e-003**	**0.0000**	**6.5101**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.2294	0.2294	1.0000e-005	0.0000	0.2295
Total											**0.0000**	**0.2294**	**0.2294**	**1.0000e-005**	**0.0000**	**0.2295**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	19.0167	19.0167	6.1500e-003	0.0000	19.1704
Total											**0.0000**	**19.0167**	**19.0167**	**6.1500e-003**	**0.0000**	**19.1704**

3.4 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.0371	1.0371	3.0000e-005	0.0000	1.0378
Total											**0.0000**	**1.0371**	**1.0371**	**3.0000e-005**	**0.0000**	**1.0378**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	19.0166	19.0166	6.1500e-003	0.0000	19.1704
Total											**0.0000**	**19.0166**	**19.0166**	**6.1500e-003**	**0.0000**	**19.1704**

3.4 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.0371	1.0371	3.0000e-005	0.0000	1.0378
Total											**0.0000**	**1.0371**	**1.0371**	**3.0000e-005**	**0.0000**	**1.0378**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	89.6142	89.6142	0.0290	0.0000	90.3388
Total											**0.0000**	**89.6142**	**89.6142**	**0.0290**	**0.0000**	**90.3388**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	4.7305	4.7305	1.3000e-004	0.0000	4.7337
Total											**0.0000**	**4.7305**	**4.7305**	**1.3000e-004**	**0.0000**	**4.7337**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	89.6141	89.6141	0.0290	0.0000	90.3387
Total											**0.0000**	**89.6141**	**89.6141**	**0.0290**	**0.0000**	**90.3387**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	4.7305	4.7305	1.3000e-004	0.0000	4.7337
Total											**0.0000**	**4.7305**	**4.7305**	**1.3000e-004**	**0.0000**	**4.7337**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road											0.0000	23.2572	23.2572	7.3700e-003	0.0000	23.4415
Paving											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**23.2572**	**23.2572**	**7.3700e-003**	**0.0000**	**23.4415**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	2.1502	2.1502	6.0000e-005	0.0000	2.1517
Total											**0.0000**	**2.1502**	**2.1502**	**6.0000e-005**	**0.0000**	**2.1517**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road											0.0000	23.2572	23.2572	7.3700e-003	0.0000	23.4414
Paving											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**23.2572**	**23.2572**	**7.3700e-003**	**0.0000**	**23.4414**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	2.1502	2.1502	6.0000e-005	0.0000	2.1517
Total											**0.0000**	**2.1502**	**2.1502**	**6.0000e-005**	**0.0000**	**2.1517**

3.7 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	3.8299	3.8299	2.6000e-004	0.0000	3.8365
Total											**0.0000**	**3.8299**	**3.8299**	**2.6000e-004**	**0.0000**	**3.8365**

3.7 Architectural Coating - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.5768	1.5768	4.0000e-005	0.0000	1.5779
Total											**0.0000**	**1.5768**	**1.5768**	**4.0000e-005**	**0.0000**	**1.5779**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road											0.0000	3.8299	3.8299	2.6000e-004	0.0000	3.8365
Total											**0.0000**	**3.8299**	**3.8299**	**2.6000e-004**	**0.0000**	**3.8365**

3.7 Architectural Coating - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	1.5768	1.5768	4.0000e-005	0.0000	1.5779
Total											**0.0000**	**1.5768**	**1.5768**	**4.0000e-005**	**0.0000**	**1.5779**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.549559	0.042893	0.201564	0.118533	0.015569	0.005846	0.021394	0.034255	0.002099	0.001828	0.004855	0.000709	0.000896

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total												**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total												**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated											0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Unmitigated											0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping											0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Total											**0.0000**	**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping											0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Total											**0.0000**	**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix C

Biological Resource Assessment Jurisdictional Delineation and MSHCP Consistency Analysis

Biological Resources Assessment
Jurisdictional Delineation

Pennsylvania Avenue Widening Project
Beaumont, Riverside County, California

APN s: 418-122-021, 418-122-028, 418-123-003, 418-123-011, 418-123-012, 418-123-015, 418-123-017, 418-160-006, 418-156-007, 418-240-009, 418-240-010, 418-240-011, 418-250-006, 418-250-008, 418-250-008, 418-250-009, 418-360-003, and 418-360-009

USGS 7.5' *Beaumont* Quadrangle
Section 10, Township 3 South, Range 1 West

Prepared for:

Moffatt & Nichol
Attn: Stephanie Oslick
3780 Kilroy Airport Way, Suite 600
Long Beach, CA 90806

October 2020

Prepared by:

Jericho Systems, Inc
Shay Lawrey, President
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Certification

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Contact: Shay Lawrey, President, and Ecologist/Regulatory Specialist

Certification: I hereby certify that the statements furnished herein, and in the attached exhibits present data and information required for this analysis to the best of my ability, and the facts, statements, and information presented are true and correct to the best of my knowledge and belief. This report was prepared in accordance with professional requirements and standards. I certify that I have not signed a non-disclosure or consultant confidentiality agreement with the project proponent and that I have no financial interest in the project.

_____
Shay Lawrey, Ecologist/Regulatory Specialist

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ATTACHMENTS

Attachment A – Site Photos

1 INTRODUCTION

This report contains the findings of Jericho Systems, Inc's (Jericho's) Biological Resources Assessment and Jurisdictional Delineation prepared for the Pennsylvania Avenue Widening Project in the City of Beaumont. The results of Jericho's field surveys are intended to provide sufficient baseline information to the County of Riverside, City of Beaumont, and, if required, to federal and State regulatory agencies, including U.S. Fish and Wildlife Service (USFWS) and California Department of Fish and Wildlife (CDFW), respectively, to determine if impacts will occur, quantify those impacts and to identify mitigation measures to offset any impacts.

The City of Beaumont is a signatory to the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). The MSHCP requires that a project comply with the MSHCP policies identified in Section 6 of the MSHCP. For this Project site, a habitat suitability assessment for western burrowing owl (*Athene cunicularia hypugaea*) [BUOW] which is known to occur in the region (MSHCP section 6.3.2) and MSHCP Riparian/Riverine resources (MSHCP section 6.1.2) was required and conducted.

The site was also evaluated for the presence jurisdictional waters, subject to the federal Clean Water Act (CWA), Porter-Cologne (Porter-Cologne) and California Fish and Game Code (FGC) regulations. Jurisdictional resources subject to the CWA regulations include non-wetland waters and wetland waters of the U.S. (WoUS) whereas jurisdictional resources subject to Porter-Cologne include non-wetland waters and waters of the State (WoS). The California FGC encompasses the resources that constitute a stream or river, including associated riparian vegetation and floodplain.

Evaluation of Riparian/Riverine resources followed guidance provided in the MSHCP Section 6.1.2. Potential federal jurisdiction followed the regulations set forth in 33CFR part 328 and the USACE guidance documents and evaluation of potential State jurisdiction followed guidance in the Fish and Game Code and A Review of Stream Processes and Forms in Dryland Watersheds (CDFW, 2010).

1.1 Project Location

Pennsylvania Avenue is a major north-south thoroughfare located in the City of Beaumont, generally between two north-south thoroughfares, High and Springs Avenue to the east and Beaumont Avenue to the west, both of which have interchanges with exits from Interstate 10 (I-10). Pennsylvania Avenue currently crosses under I-10 and has a partial interchange from I-10 with a westbound offramp and eastbound onramp. The alignment is located within the City of Beaumont. The alignment is identified on the *Beaumont* US Geological Survey (USGS) 7.5-minute topographic map in Section 10, Township 3 South, Range 1 West (Figures 1-3).

The northern boundary of the approximately 2,800 linear foot alignment is 6th Street, and the southern boundary is 1st Street. The east-west I-10 freeway crosses over Pennsylvania Avenue at approximately 790 linear feet south of 6th Street, and the Union Pacific Railroad (UPRR) tracks bisect the alignment approximately 1,000 feet south of 6th Street. The Project alignment is also identified within Assessor Parcel Numbers (APNs): 418-122-021, 418-122-028, 418-123-003, 418-123-011, 418-123-012, 418-123-015, 418-123-017, 418-160-006, 418-160-007, 418-240-009, 418-240-010, 418-240-011, 418-250-006, 418-250-008, 418-250-009, 418-360-003, and 418-360-009.

1.2 Project Description

The proposed Project encompasses approximately 2,800 linear feet of roadway along Pennsylvania Avenue, between 1st Street and 6th Street. Plans are to widen the roadway from two lanes to four lanes, for a potential total Project Impact area of approximately 13 acres, based on engineering plans from the City of Beaumont (Figure 4).

2 METHODS

Data regarding biological resources on the project site were obtained through literature review and field investigations.

Studies completed for this Project include the following:

- Biological Resources Assessment
- Burrowing Owl Habitat Assessment
- Jurisdictional Delineation

Jericho biologists conducted biological resources surveys within the proposed expansion area along the 2,800 linear feet Project alignment potential impact on June 15, 2018.

Due to differences in habitat for portions of the alignment above and below I-10 and the UPRR tracks, for the purposes of this report, the alignment has been divided into two segments:

- Segment 1 – 6th Street to UPRR tracks, approximately 1,000 linear feet
- Segment 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet

2.1 Literature Review

Prior to conducting the field investigation, species and habitat information was gathered from the reports related to the specific project and relevant databases to determine which species and/or habitats would be expected to occur onsite. Database searches were performed in the *Beaumont and Cabazon* USGS 7.5-minute series quadrangles. The site's proximity to the *Cabazon* quad lead to its inclusion in the review. These sources include:

- California Native Plant Society Electronic Inventory (CNPSEI) database;
- California Natural Diversity Database (CNDDB) *Rarefind 5*;
- CNDDB Biogeographic Information and Observation System (BIOS);
- Environmental Protection Agency (EPA) Water Program "My Waters" data layers
- Google Earth Pro historic aerial imagery (1994-2018);
- Stephen's Kangaroo Rat Habitat Conservation Plan
- United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS), Soil Survey;
- United States Fish and Wildlife Service (USFWS) Critical Habitat designations for Threatened and Endangered Species;
- USFWS National Wetlands Inventory (NWI);
- Western Riverside County Regional Conservation Authority (RCA) MSHCP Information Map; and

- 2006 Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area;
- RCA/MSHCP Information Map

The literature review provided a baseline from which to inventory the biological resources potentially occurring on the project site. The CNDDB database was used, in conjunction with ArcGIS software, to locate the nearest recorded occurrences of special-status species and determine the distance from the project site (Figure 5).

2.2 Field Surveys

On June 15, 2018, Jericho biologist Shannon Dye conducted a jurisdictional waters/biological resources assessment and focused botanical and wildlife survey and of the Project alignment, with the primary focus on species known to be present in the vicinity, namely, BUOW. On July 31, 2018, Jericho biologist Danial Smith conducted a follow-on survey to confirm the findings of the riverine/riparian area assessment and jurisdictional delineation.

Ms. Dye conducted the survey along transects spaced 30 feet apart to allow for 100 percent visual coverage of the site. Transects were aligned north to south along the edges of Pennsylvania Avenue. Plant and wildlife species observed, as well as dominant plant species within each plant community, were noted. Plant species observed during the field survey were identified by visual characteristics and morphology in the field. Unusual and less familiar plant species were photographed during the field survey and identified in the laboratory using taxonomical guides.

Wildlife species were detected during field surveys by sight, calls, tracks, scat, or other sign. In addition to species observed, expected wildlife usage of the site was determined per known habitat preferences of regional wildlife species and knowledge of their relative distributions in the area. The focus of the faunal species surveys was to identify potential habitat for special status wildlife within the project area.

In addition, site characteristics such as soil condition, topography, hydrology, anthropogenic disturbances, indicator species, condition of onsite plant communities, and presence of potential jurisdictional drainage and/or wetland features were noted.

2.3 Burrowing Owl Habitat Assessment

The burrowing owl (BUOW) habitat assessment was conducted in accordance with the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area*, (Instructions, adopted November 2005). The Step 1 Habitat Assessment of the Instructions walk the property to identify the presence of burrowing owl habitat on the project site. If habitat is found on the site, then walk a 150-meter (approximately 500 feet) buffer zone around the project boundary. If permission to access the buffer area cannot be obtained, do not trespass on adjacent property but visually inspect the adjacent habitat areas with binoculars and/or spotting scopes.

The survey was conducted on June 15, 2018, a calm weather day, during peak BUOW activity between the morning hours of 6:00 a.m. and 10:00 a.m. The survey was conducted at a time of year when BUOW are both evident and identifiable. Jericho's biologist designed the protocol assessment was structured to detect BUOW by systematically searching the entire property (where feasible) by walking transects spaced at approximately 30 feet (10 meters) which provided 100 percent visual coverage of the areas determined to contain suitable habitat for BUOW. Natural and non-natural substrates were examined. Areas that were not accessible on foot were surveyed with binoculars. Sign of BUOW were searched for,

including, burrows, molted feathers, cast pellets, prey remains, owl white wash, and suitable surrogate burrows. The area was also assessed for soil type and level of friability as well as habitat type and habitat structure.

2.4 Jurisdictional Delineation

Jericho also assessed the Project site for State and /or federal jurisdictional waters that are subject to Sections 404 and 401 of the federal CWA regulated by the U.S. Army Corps of Engineers (USACE) and Regional Water Quality Control Board (RWQCB) respectively; and/or Section 1602 of the California Fish and Game Code (FCG) administered by the CDFW and Riverine/Riparian and Vernal Pool habitat subject to Section 6.1.2 of the MSHCP.

The evaluation of CWA WoUS was based upon the Corps' regulations and technical guidance issued by the USACE including, among other sources described further below, (i) *USACE Wetlands Research Program Technical Report Y-87-1 (on-line edition), Wetlands Delineation Manual, Environmental Laboratory, 1987 (Wetland Delineation Manual), USACE Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region, December 2008 (Arid West Supplement)* and *USACE A Guide to Ordinary High Water Mark (OHWM) Delineation Arid West Region of the United States, 2010.* The lateral extent of USACE jurisdiction was measured at the Ordinary High Watermark (OHWM), which is indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris.

Evaluation of FGC Section 1600 Streambed Waters followed guidance in the FGC in the *MESA Field Guide*, described above, pursuant to which CDFW claims jurisdiction beyond traditional stream banks and the outer edge of riparian. Under MESA, the term stream is defined broadly to include "a body of water that flows perennially or episodically and that is defined by the area in which water currently flows, or has flowed, over a given course during the historic regime [i.e., 'circa 1800 to the present'], and where the width of its course can reasonably be identified by physical or biological indicators." Specifically, CDFW jurisdiction was delineated by measuring the elevations of land that confine a stream to a definite course when its waters rise to their highest level and to the extent of associated riparian vegetation. Here the extent of associated riparian vegetation was used to mark the lateral extent of the jurisdictional areas. Other data recorded included bank height and morphology, substrate type, and vegetation within and adjacent to the low flow streambed.

The methods used to determine any riparian/riverine or vernal pool areas were based on the above techniques as well as soils evaluations and vegetation classifications. This is because an area may be characterized as riparian based on its vegetative composition, but not meet the criteria of being federal or state jurisdictional water.

A variety of reference materials relevant to the project site were reviewed during the course of this delineation, including historical and current aerial imagery, Federal Emergency Management Agency (FEMA) flood insurance rate maps (FIRM), National Oceanic & Atmospheric Administration (NOAA) climate data, USFWS National Wetland Inventory (NWI) and EPA Water Program "My Waters" data layers and United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) web soil survey. The data provided in the Web Soil Survey provides a standard basis for the soil textures and types that are assigned a hydric indicator status of "hydric" or "non-hydric" by the National Technical Committee for Hydric Soils.

The wetland investigation was based on the three-parameter approach (vegetation, soil, and hydrology). Potential wetland areas were assessed to the outer reach of the applicable vegetative community and

corresponding soils that displayed wetland characteristics. Plant species were identified and given an indicator status as prescribed in the 2016 National Wetland Plant List (Arid West Region) (Lichvar, 2016). Vegetation nomenclature follows The Jepson Manual, Vascular Plants of California, 2nd Edition (Baldwin, 2012). To be considered a jurisdictional wetland under Section 404, an area must possess three wetland characteristics: hydrophytic vegetation, hydric soils, and wetland hydrology.

Hydrophytic vegetation

Hydrophytic (wetland) vegetation is plant life that grows, and is typically adapted for life, in permanently or periodically saturated soils. The hydrophytic vegetation criterion is met if more than 50 percent of the dominant plant species from all strata (tree, shrub, and herb layers) is considered hydrophytic. Hydrophytic species are those included on the 2016 National Wetland Plant List (Arid West Region) (Lichvar, 2016). Each species on the list is rated according to a wetland indicator category, as shown in Table 1. To be considered hydrophytic, the species must have wetland indicator status, i.e., be rated as Obligate Wetland (OBL), Facultative Wetland (FACW) or Facultative (FAC).

Table 1
Wetland Indicator Vegetation Categories

Category	Probability
Obligate Wetland (OBL)	Almost always occur in wetlands (estimated probability >99%)
Facultative Wetland (FACW)	Usually occur in wetlands (estimated probability 67 to 99%)
Facultative (FAC)	Equally likely to occur in wetlands and non-wetlands (estimated probability 34 to 66%)
Facultative Upland (FACU)	Usually occur in non-wetlands (estimated probability 67 to 99%)
Obligate Upland (UPL)	Almost always occur in non-wetlands (estimated probability >99%)

Hydric Soil

Hydric soils are saturated or inundated long enough during the growing season to develop anaerobic conditions that favor growth and regeneration of hydrophytic vegetation. Generally, hydric soils are dark in color resulting from soil development under anoxic (without oxygen) conditions. Bright mottles within an otherwise dark soil matrix indicate periodic saturation with intervening periods of soil aeration. Generally, the hydric soil criterion is satisfied at a location if soils in the area can be inferred or observed to have a high groundwater table, if there is evidence of prolonged soil saturation, or if there are indicators suggesting a long-term reducing environment in the upper part of the soil profile. Typically, reducing conditions are most easily assessed using soil color.

a) Color characteristics (Hue, Value, and Chroma) were recorded using a standard Munsell soil color chart (Munsell Color 2009).
b) Soil physical characteristics were evaluated during the field delineations by excavating to a depth needed to evaluate potential hydric soil indicators below ground surface 18-24 inches.
c) Soils that exhibited hydric soil indicators, such as low chroma colors and/or evidence of reducing conditions met the hydric soil criterion per USACE (1987 and 2012).

The Arid West Supplement provides a list of 23 of hydric soil indicators known to occur in the Arid West region. Hydric soils are present at any sample plot where the soil samples met one or more of those 23 hydric indicators. As set forth in the Arid West Supplement (2008), some wetlands can be difficult to identify because wetland indicators, including those relating to soils, may be missing due to natural processes or recent disturbances. As set forth on Page 97 of the Arid West Supplement, sand and gravel

bars within floodplains can be problematic because they may lack hydric indicators due to seasonal and annual depositions, resulting in sandy substrates that are low in iron and manganese content and have low organic matter content.

Wetland Hydrology

Hydrology (water depth, extent of inundation, period of inundation) determines all other wetland characteristics. Federal Regulation 33 CFR 328.3(b) defines "wetlands" as "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions." According to the Corps' 1987 Wetland Delineation Manual, the primary hydrologic test to determine soil saturation was whether the area's water table rises to within 18 inches of the surface for seven consecutive days during the growing season (February-June).

Seasonal and long-term rainfall patterns, local geology and topography, soil type, local water table conditions, and drainage are factors that control hydrology. Wetland hydrology indicators include: surface water, high water tables, saturation, water marks, sediment deposits, drift deposits, surface soil cracks, inundation visible on aerial imagery, water stained leaves, salt crusts, biotic crusts, aquatic invertebrates, hydrogen sulfide odor, oxidized rhizospheres along living roots, the presence of iron reduction in tilled soils, thin muck surfaces, drainage patterns, crayfish burrows, and shallow aquitards. The Project area was examined for primary or secondary indicators of wetland hydrology as described in the Arid West Supplement.

In normal rainfall years, the instream floodplain within the Project area is in a state of dynamic equilibrium in terms of how the flows move sediment. Large flood events change the main channel form and results in a reset. This of type of change occurs approximately every 20-50 years. The instream floodplain is an infinitely adjustable complex of interrelations among flow, width, depth, bed resistance, sediment transport, and vegetation. Changes in any of these factors causes adjustments in all other factors. Thus, the instream floodplain in the Project area encompasses a riverine/wetland mosaic of wetlands, and other waters which include active channels and unvegetated wetlands.

2.5 Limitations

No limitations significantly affected the results and conclusions given herein. Surveys were conducted during the appropriate season to observe the target species, in good weather conditions, by qualified biologists who followed all pertinent protocols and guidelines.

3 RESULTS

3.1 Local Climate

The Beaumont area is subject to both seasonal and annual variations in temperature and precipitation. Average annual maximum temperatures typically peak at 97 degrees Fahrenheit (°F) in August and fall to an average annual minimum temperature of 40°F in December. Average annual precipitation is greatest from December through March and reaches a peak in February (4.45 inches). Precipitation is lowest in the month of June (0.17 inches). Annual precipitation averages 19.50 inches.

3.2 Topography and Soils

Soils on site consist of Ramona sandy loam (Figure 6) and elevations range from 2,600 feet (792 meters) to 2,570 feet (783 meters).

3.3 Literature Review

State and Federal Database Searches

The Project area is not located within any State or federal critical habitat area. Sensitive species identified within a 3-mile radius are identified on Figure 5.

MSHCP Consistency

Since the City of Beaumont is a permittee under the MSHCP and, while the project is not specifically identified as a Covered Activity under Section 7.1, *Covered Activities Outside Criteria Area and PQP Lands*, of the MSHCP, public and private development that are outside of Criteria Areas and Public/Quasi-Public (PQP) Lands are permitted under the MSHCP, subject to consistency with MSHCP policies that apply to area outside of Criteria Areas. As such, to achieve coverage, the project must be consistent with the following policies of the MSHCP:

- The policies for the protection of species associated with Riparian/Riverine areas and vernal pools as set forth in Section 6.1.2 of the MSHCP;
- The policies for the protection of Narrow Endemic Plant Species as set forth in Section 6.1.3;
- The Urban/Wildlands Interface Guidelines as set forth in Section 6.1.4; and
- The requirements for conducting additional surveys as set forth in Section 6.3.2

3.4 Existing Biological and Physical Conditions

Due to differences in habitat and land use above and below I-10 and the UPRR tracks, for the purposes of this report, the alignment has been divided into two segments:

- Segment 1 – 6th Street to UPRR tracks, approximately 1,000 linear feet
- Segment 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet

3.4.1 Segment 1 – 6th Street to UPRR tracks

Surrounding Land Uses

This section of Pennsylvania Avenue is located north of I-10 primarily in the more urbanized area of the City of Beaumont. The northern boundary of this segment is 6th Street and the southern boundary is the UPRR tracks. The property immediately adjacent to the alignment on west is vacant, and the property immediately adjacent to the alignment on the east is primarily vacant with commercial use at the corner of 6th Street and Pennsylvania Avenue. Site photographs are provided in Appendix A.

Vegetation

Habitat and vegetation present included primarily bare earth with some ruderal and non-native vegetation and scattered ornamental trees. Plant species observed include California pepper tree (*Schinus molle*), gum tree (*Eucalyptus* ssp), telegraph weed (*Heterotheca grandiflora*), twiggy wreath plant

(*Stephanomeria virgata*), short-podded mustard (*Hischfeldia incana*), tocalote *(Centaurea melitensis*), and non-native grasses (*Bromus* ssp.) and wild oat (*Avena barbata*). The RCA MSHCP Information Map (Vegetation 2012 layer) identifies the vegetation types within each segment (refer to Figure 7).

Wildlife

Wildlife observed within this section of the Project impact area includes those seen as well as identified from calls. Species identified within the project site were limited to typical urban species, and include house sparrow (*Passer domesticus*), house finch (*Haemorhous mexicanus*), mourning dove (*Zenaida macroura*), and western fence lizard (*Sceloporus occidentalis*). Other species expected to occur in this segment include raccoon (*Procyon lotor*), coyote (*Canis latrans*), and rock dove (*Columba livia*).

Sensitive Plants

No sensitive plants were identified during survey and none are expected to occur. The site does not contain habitat elements suitable to support any sensitive or native plant species. Only the hardiest of species, tolerant of high levels of disturbance could inhabit the Project alignment.

Sensitive Wildlife

No sensitive wildlife species were detected during survey and none are expected to occur. The site does not contain habitat elements suitable to support any sensitive or animal species. Only common animal species associated with urban environments and tolerant of high levels of disturbance could inhabit the Project alignment.

Jurisdictional Resources

There are no drainages or evidence of jurisdictional waters within the segment.

3.4.2 Segment 2 –UPRR tracks to 1st Street

Surrounding Land Use

This section of Pennsylvania Avenue is located south of I-10 primarily in the less urbanized area of the City of Beaumont. The northern boundary of this segment is UPRR tracks and the southern boundary is 1st Street. From the UPRR tracks, the east-west 3rd Street exists only on the west side of the alignment, approximately 530 feet south of the UPRR tracks, but does not continue east past Pennsylvania. The property immediately adjacent to the alignment on both sides is vacant, although industrial land use exists adjacent to the alignment on the west side, between the UPRR tracks and 3rd Street.

Vegetation

The vacant areas contain primarily tall grasses and invasive shrubs, except for some vegetation growing along two drainages on the east side of Pennsylvania Avenue. Along the initial flow area near the outlets of the UPRR tracks, some riparian vegetation was present, including tree of heaven (*Ailanthus altissima*) and rushes (*Cyperaceae)*, present within and along the banks of the drainage.

Habitat and vegetation present included primarily non-native grasses and five eucalyptus trees along the western edge of Pennsylvania Avenue.

Wildlife

Birds were the most observed wildlife group during survey. Common wildlife species observed or otherwise detected on or in the vicinity of the site during the reconnaissance-level survey included black phoebe (*Sayornis nigricans*), mourning dove (*Zenaida macroura*), red-tailed hawk (*Buteo jamaicensis*), Anna's hummingbird (*Calypte anna*), killdeer (*Charadrius vociferus*), house finch (*Haemorhous mexicanus*), California towhee (*Melozone crissalis*), and bushtit (*Psaltriparus minimus*).

Wildlife detections or signs included those for reptiles, birds, and mammals. The most common wildlife observed included coyote (*Canis latrans*), desert cottontail (*Sylvilagus audubonii*), and side-blotched lizard (*Uta stansburiana elegans*).

Sensitive Plants

No sensitive plants were identified during survey and none are expected to occur. The site does not contain habitat elements suitable to support any sensitive or native plant species. Only the hardiest of species, tolerant of high levels of disturbance could inhabit the Project alignment.

Sensitive Wildlife

No sensitive wildlife species were detected during survey and none are expected to occur. The site does not contain habitat elements suitable to support any sensitive or animal species. Only common animal species associated with urban environments and tolerant of high levels of disturbance could inhabit the Project alignment.

Jurisdictional Resources

There are two large drainages in this segment which appear to have jurisdictional resources. The jurisdictional delineation relative to these two drainages is provided below.

3.5 MSHCP Surveys

The Regional Conservation Authority (RCA) Information Map (Figure 8) identifies the following for the Project.

3.5.1 Segment 1 – 6th Street to UPRR tracks

Segment 1 is located in the San Timoteo Habitat Management Unit of the MSHCP, but is not located within any Criteria Cells or designated conservation areas or within the designated survey area for burrowing owl or any other designated species survey areas as identified by the MSHCP (Figure 8):

- Amphibian — Not in an amphibian survey area
- Owls — Not in a Burrowing Owl survey area
- Criteria Area Species — Not in a criteria area species survey area
- Mammals — Not in a mammal survey area
- Narrow Endemic Plants — Not in a narrow endemic plant survey area

Riparian/Riverine areas and Vernal Pools (Section 6.1.2)

Section 6.1.2 of the MSHCP identifies Riparian/Riverine resources as lands which contain habitat dominated by trees, shrubs, persistent emergent vegetation, or emergent mosses and lichens, which occur close to or which depend upon soil moisture from nearby fresh water sources, or areas with freshwater flow during all or a portion of the year.

The MSHCP identifies Vernal Pools in Section 6.1.2 as seasonal wetlands that occur in depression areas that have wetlands indicators of all three parameters (soil, vegetation, and hydrology) during the wetter portion of the growing season but normally lack wetlands indicators of hydrology and/or vegetation during the drier portion of the growing season.

There are no resources in this segment that would be classified as Riverine/Riparian or Vernal Pool resources.

Narrow Endemic Plant Species (Section 6.1.3)

Pursuant to Section 6.1.4 of the MSHCP, focused surveys for narrow endemic plant species are required for properties within the mapped areas if the appropriate habitat is present.

This segment is not mapped within an area that has the potential for endemic plants.

Urban/Wildlands Interface Guidelines (Section 6.1.4)

Section 6.1.4 of the MSHCP, *Guidelines Pertaining to Urban/Wildlands Interface,* is intended to address indirect effects associated with development in proximity to MSHCP Conservation Areas. The Urban/Wildlife Interface Guidelines are intended to ensure that indirect project-related impacts to the MSHCP Conservation Area, including drainage, toxics, lighting, noise, invasive plant species, barriers, and grading/land development, are avoided or minimized. The Project alignment is not located within or in proximity of any Criteria Cells or designated conservation areas. Therefore, the proposed Project will not need to comply with the Urban/Wildlands Interface Guidelines.

Additional Surveys (Section 6.3.2)

Section 6.3.2 of the MSHCP, *Additional Survey Needs and Procedures*, states that additional surveys may be needed for certain species to achieve coverage for these species. Based on the RCA MSHCP Information Map query and review of the MSHCP, it was determined that the project site is not located within any designated survey area for BUOW, amphibians, or mammals as depicted in Figure 6-4 within Section 6.3.2 of the MSHCP.

3.5.2 Segment 2 –UPRR tracks to 1st Street

Segment 2 is in the Badlands Habitat Management Unit of the MSHCP but is not located within any Criteria Cells or designated conservation areas. The RCA MHSCP Information map identified that this segment of the Project alignment is within the designated survey areas for the following:

- Amphibian — Not in an amphibian survey area
- Owls — **In a survey area for Burrowing Owl**
- Criteria Area Species — Not in a criteria area species survey area
- Mammals — Not in a mammal survey area

- Narrow Endemic Plants **In a survey area for Marvin's onion, Many-stemmed dudleya**

Riparian/Riverine areas and Vernal Pools (Section 6.1.2)

Section 6.1.2 of the MSHCP identifies Riparian/Riverine resources as lands which contain habitat dominated by trees, shrubs, persistent emergent vegetation, or emergent mosses and lichens, which occur close to or which depend upon soil moisture from nearby fresh water sources, or areas with freshwater flow during all or a portion of the year.

The result of this analysis is that there are no features within the project site that are dominated by riparian trees, shrubs, or emergent vegetation. However, some rushes are present near the box culverts immediately south of the UPRR tracks, and these drainage areas connect to a larger drainage on the vacant lot to the east of the project alignment.

Due to the immediate connectivity of the drainages to a larger Riverine/Riparian area and the presence of some riparian vegetation, Riverine/Riparian resources are present on the project site, and the proposed project will impact portions of this resource. If all impacts to riparian/riverine habitat cannot be avoided, Section 6.1.2 of the MSHCP identifies that a Determination of Biologically Equivalent or Superior Preservation (DBESP) must be prepared and submitted to the Wildlife agencies to ensure replacement of any lost functions and values of Habitat as it relates to Covered Species. This analysis is separate from any regulatory review/permitting by the U.S. Army Corps of Engineers, Regional Water Quality Control Board, and CDFW.

Neither drainage has habitat to support any of the amphibians, fish, birds, invertebrates, plants or fairy shrimp identified in Section. 6.1.2 of the MSHCP because the drainages and vegetation lacks the structure, diversity and density that is suitable to support these species.

Neither drainage has the habitat to support any of the birds identified Section 6.1.2 of the MSHCP such as least Bell’s vireo, southwestern willow flycatcher, or western yellow-billed cuckoo associated with Riverine/Riparian resources because the drainages and vegetation lacks the structure, diversity and density that is suitable to support these species.

The MSHCP identifies Vernal Pools in Section 6.1.2 as seasonal wetlands that occur in depression areas that have wetlands indicators of all three parameters (soil, vegetation, and hydrology) during the wetter portion of the growing season but normally lack wetlands indicators of hydrology and/or vegetation during the drier portion of the growing season.

The result of this analysis is that all indicators for vernal pools are absent from the site. There are no depressional features that could develop vernal pools or support vernal pool species. The soils on site are well-drained sandy loams, which do not support the formation of vernal pools. Further, there is no historical, biological, or hydrological evidence that would indicate the historic presence of vernal pools on this site.

Narrow Endemic Plant Species (Section 6.1.3)

Pursuant to Section 6.1.4 of the MSHCP, focused surveys for narrow endemic plant species are required for properties within the mapped areas if the appropriate habitat is present.

The survey area maps have identified this segment of the Project alignment to be located within the Narrow Endemic Plant Species Survey Areas for both Marvin’s onion and many-stemmed dudleya.

Marvin's Onion

The status of Marvin's Onion is California Rare Plant Rank 1B.2. This species is a perennial bulb generally occurs in seasonally moist microsites in grassy openings in coastal sage scrub, chaparral, juniper woodland, valley and foothill grasslands. It is restricted to clay soils except for one population documented to occur in association with pyroxenite outcrops (MSHCP, Table 6-1). Munz's Onion has a small rhizome associated with clusters of brightly colored red bulbs. From these grow several naked green stems, each with a few withering, curling leaves. Leaves are few, curling and wither early. It has several flowers with each flower being just under a centimeter wide and white to pinkish with dark midveins. Blooming period is April through May but may not flower in low rainfall years and may be difficult to locate during surveys conducted under drought conditions.

Many-stemmed dudleya

The status of Many-stemmed dudleya is also California Rare Plant Rank 1B.2. It is an endemic perennial succulent plant known by the common name many stemmed liveforever. This plant has few short, fingerlike cylindrical leaves with pointed tips and is dominated by its flowering stem, when present. The inflorescence is branching and bears up to 15 flowers on each long, thin branch. The flowers have pointed yellow petals up to a centimeter long, and long stamens. It is found in openings of chaparral, coastal sage scrub, southern needlegrass grasslands, rocky places, and ridgelines as well as thinly vegetated clay soils. It blooms primarily between May and June although flowering can take place as early as March in coastal locations.

Both species are restricted to clay soils. The soils onsite consist of Ramona sandy loams, and as such the project site *does not* contain appropriate habitat and focused surveys for these species are not required.

Urban/Wildlands Interface Guidelines (Section 6.1.4)

Section 6.1.4 of the MSHCP, *Guidelines Pertaining to Urban/Wildlands Interface*, is intended to address indirect effects associated with development in proximity to MSHCP Conservation Areas. The Urban/Wildlife Interface Guidelines are intended to ensure that indirect project-related impacts to the MSHCP Conservation Area, including drainage, toxics, lighting, noise, invasive plant species, barriers, and grading/land development, are avoided or minimized. The Project alignment is not located within or in proximity of any Criteria Cells or designated conservation areas. Therefore, the proposed Project will not need to comply with the Urban/Wildlands Interface Guidelines.

Additional Surveys (Section 6.3.2)

Section 6.3.2 of the MSHCP, *Additional Survey Needs and Procedures*, states that additional surveys may be needed for certain species to achieve coverage for these species. Based on the RCA MSHCP Information Map query and review of the MSHCP, it was determined that the project site is not located within any designated survey area for amphibians, or mammals as depicted in Figure 6-4 within Section 6.3.2 of the MSHCP.

This segment is, however, within a habitat survey area for BUOW. This survey and the results are discussed below. In summary, while this segment does contain areas of short, sparse vegetation and contains well-drained, friable soils, no burrows of appropriate size and aspect were observed within or adjacent to the Project alignment. No BUOW individuals or sign were observed on site during survey, and the site does not exhibit habitat elements and structure that are capable of supporting BUOW. The result of the habitat assessment was that no evidence of BUOW was found in the survey area. No burrows of appropriate size, aspect or shape were located, and no BUOW pellets, feathers or white wash was found. No BUOW individuals were observed. Therefore, BUOW focused surveys are not required.

3.6 Burrowing Owl

The western BUOW is one of 18 New World Burrowing Owl subspecies, and one of only two in North America. The western BUOW ranges from Texas to California and north to southern Canada. Individuals of resident populations in southern California, northern Mexico, and Florida breed and overwinter in an area without a significant migration (Haug et al. 1993). BUOW are found across American open landscapes, showing activity chiefly in the daytime. In California, preferred habitat is generally typified by short, sparse vegetation with few shrubs, level to gentle topography and well-drained soils. In addition, BUOW may occur in some agricultural areas, ruderal grassy fields, vacant lots and pastures, and flood control facilities if the surrounding vegetation structure is suitable and there are useable burrows and foraging habitat in proximity.

Unique among North American raptors, the BUOW requires underground burrows or other cavities for nesting during the breeding season and for roosting and cover, year-round. Burrows used by the owls are usually dug by other species termed host burrowers. In California, California ground squirrel (Spermophilus beecheyi) and round-tailed ground squirrel (Citellus tereticaudus) burrows are frequently used by BUOW but they may use dens or holes dug by other fossorial species and/or human made structures such as cement culverts and pipes. They are active during the day and night and are generally observed in the early morning hours or at twilight.

BUOW have a high fidelity to their birth territory and they often prefer nesting in areas of high burrow densities. Breeding pairs are easily located within the surrounding of their nests (usually 90 feet) due to their territorial behavior. BUOW breeding season begins February 1 and extends to August 31. Pair formation can begin in February. Peak of the BUOW breeding season, commonly accepted in California, occurs between April 15 and July 15. April to mid-May is when most burrowing owls are in the egg laying and incubation stages. BUOW egg incubation period is about 27-28 days Chick rearing typically occurs between May 15 and July 1. July 15 is typically considered the late nestling period when most owls are spending time above ground. The non-breeding season (September 1 to January 31). BUOW are semi-colonial and will sometimes share a burrow for incubation and chick rearing.
The BUOW is not listed under the State or federal ESA but is considered both a State and federal SSC. The BUOW is a migratory bird protected by the international treaty under the Migratory Bird Treaty Act of 1918 and by State law under the California Fish and Game Code (CDFG Code #3513 & #3503.5).

Per the literature review, BUOW have not been documented in the immediate site vicinity but were documented in 2006 3.8 miles southeast of the Project alignment.

Per the definition provided in the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area*:

> *Burrowing owls use a variety of natural and modified habitats for nesting and foraging that is typically characterized by low growing vegetation. Burrowing owl habitat includes, but is not limited to, native and non-native grassland, interstitial grassland within shrub lands, shrub lands with low density shrub cover, golf-courses, drainage ditches, earthen berms, unpaved airfields, pastureland, dairies, fallow fields, and agricultural use areas.*
>
> *Burrowing owls typically use burrows made by fossorial (adapted for burrowing or digging) mammals, such as ground squirrels (Spermaphilus beecheyi) or badgers (Taxidea taxus), they often utilize manmade structures, such as earthen berms; cement culverts; cement, asphalt, rock, or wood debris piles; or openings beneath cement or asphalt pavement. Burrowing owls are often found within, under, or near man-made structures.*

Neither segment of the Project alignment or immediate vicinity contain suitable habitat for this species. While both segments of the Project alignment do contain areas of short, sparse vegetation and contains well-drained, friable soils, no burrows of appropriate size and aspect were observed within or adjacent to the Project alignment. No BUOW individuals or sign were observed on site during survey conducted on June 15, 2018, and the site does not exhibit habitat elements and structure that are capable of supporting BUOW.

The result of the habitat assessment was that no evidence of BUOW was found in the survey area. No burrows of appropriate size, aspect or shape were located, and no BUOW pellets, feathers or white wash was found. No BUOW individuals were observed. Therefore, BUOW focused surveys are not required.

However, to ensure there will be no impact to BUOW, a pre-construction survey is recommended.

3.7 Wildlife Corridors

Habitat linkages provide links between larger undeveloped habitat areas that are separated by development. Wildlife corridors are similar to linkages but provide specific opportunities for animals to disperse or migrate between areas. A corridor can be defined as a linear landscape feature of sufficient width to allow animal movement between two comparatively undisturbed habitat fragments. Adequate cover is essential for a corridor to function as a wildlife movement area. It is possible for a habitat corridor to be adequate for one species yet inadequate for others. Wildlife corridors are significant features for dispersal, seasonal migration, breeding, and foraging. Additionally, open space can provide a buffer against both human disturbance and natural fluctuations in resources.

The Project alignment is not considered an established wildlife movement corridor or nursery site for native or migratory wildlife, because the area does not connect two or more significant habitat areas and it is not a major feature influencing the local plant and small mammal communities. The Project will not create any shift in habitat use by wildlife, alter population dynamics, or change the local species compositions. Therefore, this project will not interfere substantially with the movement of any native resident or migratory fish or wildlife species through the Project site.

4 JURISDICTIONAL DELINEATION

4.1 Regulatory Guidelines

Clean Water Act (CWA)

The CWA is the principal federal law that governs pollution in the nation's lakes, rivers, and coastal waters. Originally enacted in 1972 as a series of amendments to the Federal Water Pollution Control Act of 1948 the Act was last amended in 1987. The overriding purpose of the CWA is to "restore and maintain the chemical, physical and biological integrity of the nation's waters." Discharges of dredged or fill material in Waters of the U.S (WoUS) are regulated pursuant to Sections 404 and 401 of the CWA. The congressional intent of Section 404 of the CWA as articulated in Section 10 is to "maintain and restore the chemical, physical, and biological integrity of the nation's waters." Section 404 of the CWA gives the USACE and the U.S. Environmental Protection Agency (EPA) regulatory and permitting authority regarding discharge of dredged or fill material into "navigable waters." Permits issued by the USACE in California require certification by the State of California that the proposed discharge complies with the requirements of the California Porter-Cologne Water Quality Control Act. These certifications are issued by the State Water Resources Control Board or one of the nine RWQCBs.

Waters are defined broadly under the CWA to include all traditionally navigable waters, including those used or susceptible for use in interstate commerce, including all waters subject to the ebb and flow of the tide, interstate waters, territorial seas, impoundments and tributaries. Waters may also include wetlands and other waters that are not traditionally navigable such as wetlands that are adjacent to traditionally navigable waters. Wetlands are defined under federal regulations as "those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas."

US Army Corps of Engineers Regulated Activities

Pursuant to Section 404 of the CWA, the US Army Corps of Engineers (USACE) regulates the discharge (temporary or permanent) of dredged or fill material into Waters of the US (WoUS), including wetlands. A discharge of fill material includes, but is not limited to, grading, placing riprap for erosion control, pouring concrete, laying sod, and stockpiling excavated material into WoUS. Activities that generally do not involve a regulated discharge (if performed specifically in a manner to avoid discharges) include driving pilings, performing certain drainage channel maintenance activities, constructing temporary mining and farm/forest roads, and excavating without stockpiling.

The limit of USACE jurisdiction, excluding wetlands and tidal waters, is delineated using the Ordinary High Water Mark (OHWM), defined in CFR 328.3(e) as:

> *…that line on the shore established by the fluctuations of water and indicated by physical characteristics such as [a] clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.*

On April 21, 2020, the United States Environmental Protection Agency (US EPA) and the USACE published, in the Federal Register, their final rule (2020 Rule) that revised the definition of "waters of the United States," narrowing the scope of waters subject to federal regulation under the Clean Water Act, particularly with respect to adjacent wetlands and ephemeral streams, and also abandons the "significant nexus text" in the 2015 Rule.

The 2020 Rule defines four categories of waters as jurisdictional:

1. *Waters which are traditionally thought of as "waters of the United States," those being the territorial seas and traditional navigable waters. 33 CFR 328.3(a).*
2. *Perennial and intermittent tributaries that contribute surface water flow to the territorial seas and navigable waters either directly or indirectly through other jurisdictional waters. 33 CFR 328.3(b).*
3. *Lakes, ponds, and impoundments that are standing bodies of water that contribute surface water flow in a typical year to a territorial sea or a traditional navigable water either directly or through another jurisdictional water. 33 CFR 328.3(c).*
4. *Wetlands that abut a territorial sea or traditional navigable water, or other jurisdictional water and that are inundated by flooding by a jurisdictional water in a typical year, are physically separated from a jurisdictional water by a natural berm, dune or similar feature or physically separated by an artificial structure so long as that artificial structure allows for a direct hydrologic surface connection between the wetlands and a jurisdictional water in a typical year. 33 CFR 328.3(c)*

The surface water flow is gauged in the "typical year" which is defined to mean "when precipitation and other climatic variables are within the normal periodic range (e.g. seasonally, annually) for the geographic area of the applicable aquatic resource based on a rolling thirty-year period." 33 CFR 328.3(c)(13). The "significant nexus test" with its reliance on whether a water has a significant nexus to another jurisdictional water has been abandoned in favor of this categorical approach.

The 2020 Rule excluded the following:

1. *Waters or water features that are not identified in paragraph (a)(1), (2), (3), or (4) of this section;*
2. *Groundwater, including groundwater drained through subsurface drainage systems;*
3. *Ephemeral features, including ephemeral streams, swales, gullies, rills, and pools;*
4. *Diffuse stormwater run-off and directional sheet flow over upland;*
5. *Ditches that are not waters identified in paragraph (a)(1) or (2) of this section, and those portions of ditches constructed in waters identified in paragraph (a)(4) of this section that do not satisfy the conditions of paragraph (c)(1) of this section;*
6. *Prior converted cropland;*
7. *Artificially irrigated areas, including fields flooded for agricultural production, that would revert to upland should application of irrigation water to that area cease;*
8. *Artificial lakes and ponds, including water storage reservoirs and farm, irrigation, stock watering, and log cleaning ponds, constructed or excavated in upland or in non-jurisdictional waters, so long as those artificial lakes and ponds are not impoundments of jurisdictional waters that meet the conditions of paragraph (c)(6) of this section;*
9. *Water-filled depressions constructed or excavated in upland or in non-jurisdictional waters incidental to mining or construction activity, and pits excavated in upland or in non-jurisdictional waters for the purpose of obtaining fill, sand, or gravel;*
10. *Stormwater control features constructed or excavated in upland or in non-jurisdictional waters to convey, treat, infiltrate, or store stormwater run-off;*
11. *Groundwater recharge, water reuse, and wastewater recycling structures, including detention, retention, and infiltration basins and ponds, constructed or excavated in upland or in non-jurisdictional waters; and*
12. *Wastewater treatment systems.*

"Ephemeral" is now defined as "surface water flowing or pooling only in direct response to precipitation (e.g. rain or snow fall)."

Activities Regulated by the State

A federal permit or license cannot be issued that may result in a discharge to WoUS unless certification under Section 401 of the CWA is granted or waived by EPA, the state, or the tribe where the discharge would originate (EPA 2010).

Pursuant to Section 401 of the CWA:

> *…any applicant for a federal permit for activities that involve a discharge to WoUS shall provide the federal permitting agency a certification from the state in which the discharge is proposed that states that the discharge will comply with the applicable provisions under the federal CWA.*

Therefore, before USACE will issue a Section 404 permit, applicants must apply for and receive a Section 401 water quality certification or waiver, as applicable. Under Section 401 of the CWA, all activities that are regulated at the federal level by USACE are also regulated at the state level.

Therefore, state jurisdiction usually includes all waters or tributaries to waters that are determined to be WoUS and, similar to WoUS, are typically delineated at the OHWM. State-regulated WoUS are overseen by the State Water Resources Control Board (SWRCB) and nine Regional Water Quality Control Boards (RWQCBs).

However, if waters are determined not to be WoUS, they may still be subject to state jurisdiction based on the Porter-Cologne Act, which are regulated by the SWRCB and the RWQCBs under California's Porter-Cologne Water Quality Control Act (Porter-Cologne). In April 2019, the SWRCB adopted a state wetlands definition and procedures for the discharge of dredged or fill material into waters of the State (collectively, the Procedures). The Procedures are expected to become effective in mid-2020. The Procedures establish a permit process for discharges to both wetland and non-wetland waters of the State. Under Porter-Cologne and the Procedures, "Waters of the State" are defined by the Porter-Cologne Act as "any surface water or groundwater, including saline waters, within the boundaries of the state." Under the Procedures, a water of the State is a wetland "if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water, or both, (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate, and (3) the area's vegetation is dominated by hydrophytes or the area lacks vegetation." This definition varies from the federal definition in several respects, most notably that the state considers unvegetated features, such as mudflats or playas, to constitute wetlands.

California Fish and Game Code

Sections 1600 to 1616 of the California Fish and Game Code require any person, state, or local government agency or public utility (i.e., an entity) to notify the CDFW before beginning any activity that will divert the flow of or substantially modify a river, stream, or lake or result in the deposit of certain waste materials that may pass into a river, stream or lake. Following receipt of such a notification, CDFW determines whether the activity may affect fish and wildlife resources and, if it will, issues a "Lake and Streambed Alteration Agreement" to be entered into by the entity and CDFW and which authorizes the activity in question. CDFW defines the term "stream" as "a body of water that flows perennially or episodically and that is defined by the area in which water currently flows, or has flowed, over a given course during the historic regime [i.e., 'circa 1800 to the present'], and where the width of its course can reasonably be identified by physical or biological indicators." CDFW regulates rivers and streams to their "maximum expression" on the landscape, often including the entire floodplain. *MESA Field Guide, Mapping Episodic Stream Activity* (2011).

4.2 Results

The Project alignment is within the Potrero Creek Hydrologic Sub-Area (HSA 802.21) which comprises a 193,598-acre drainage area within the larger San Jacinto Watershed (HUC 180702020201) in Riverside County. The San Jacinto Watershed is bound on the north by the San Gorgonio Creek and Smith Creek Watersheds, on the southeast by the Laborde Canyon-San Jacinto River Watershed, and on the southwest by the Poppet Creek-San Jacinto Watershed. The Potrero Creek is the major hydrogeomorphic feature within the Potrero Creek Watershed.

Two unnamed ephemeral drainages, Drainage A and Drainage B, were identified within the project site, south of the UPRR tracks/I-10 that would meet the definition of a State jurisdictional water. Since they meet the definition of being a State streambed water, they also meet the criteria for being a riverine/riparian area under the MSHCP. These drainages however, are not subject to the federal CWA under the 2020 guidance as they are ephemeral and excluded from jurisdiction. Areas meeting all three wetland parameters would be designated as USACE wetlands. The three required parameters, hydrophitic vegetation, hydric soils and/or wetland hydrology, are not present within the Project site. Therefore, no wetlands were identified in the study area during this investigation based of the absence of hydric soil indicators and/or wetland hydrology.

Drainage A and Drainage B both have a definable bed and bank and Drainage A also supports rushes (*Cyperaceae*), which is restricted to the streambed and absent from the surrounding upland habitat. Therefore, given that these drainages have a definable bed and bank and support some riparian associated vegetation (in Drainage A), they both would be subject to the FGC under the jurisdiction of the CDFW and be considered a riverine/riparian area under the MSHCP..

Table 2 details the amount of impacts on each jurisdictional feature. Drainage A and Drainage B are both part of a larger drainage that occupies the vacant lot east of the Project site (Figure 9).

Drainages A and B are also considered jurisdictional under the Porter Cologne as a State Streambed Water.

4.2.1 Drainage A

Drainage A is located within the survey area, on the east side of Pennsylvania, south of the UPRR/I-10 corridor and north of 3rd Street. The drainage exits two box culverts under the UPRR tracks, one adjacent Pennsylvania Avenue, and one approximately 90 feet east of Pennsylvania Avenue, flowing southwest toward Pennsylvania Avenue, where they join to form one drainage that flows south along Pennsylvania Avenue for approximately 145 feet. The drainage then turns east onto a vacant parcel, before flowing southerly, bisecting the vacant parcel. This drainage impacted is approximately 70 feet wide from edge of bank to edge of bank at its widest. No standing or running water was observed in the drainage at the time of the survey.

Along the initial flow area near the outlets of the UPRR tracks, some riparian vegetation was present, including tree of heaven (*Ailanthus altissima*) and rushes (*Cyperaceae)*, present within and along the banks of the drainage.

4.2.2 Drainage B

Drainage B exits from a box culvert under the east side of Pennsylvania Avenue approximately 700 feet north of 1st Street. The source of the water that supplies this drainage is unknown. Within the Project survey area, the drainage is approximately 90 feet long, and approximately 35 feet from bank edge to bank edge at its widest. The bottom of the drainage is relatively sandy and is approximately 25 feet lower that the surrounding land, thereby forming more of a canyon-like drainage indicative of more of a high volume, short-duration flow regime. No standing or running water was observed at the time. No riparian obligate species were observed within or near the portion of the drainage within the Project footprint but this portion of the drainage does have a higher diversity of species with a mix of native and non-native plant species, including jimsonweed (*Datura sp.)*, California sage (*Artemisia californica*), mustard (*Hirschfeldia incana*), and Russian thistle (*Salsola tragus*).

Drainages A and B converge and join a larger drainage. This larger drainage converges with Potrero Creek. Potrero Creek, in turn, converges with the San Jacinto River approximately 9 miles further south and the Jacinto River flows into Lake Elsinore.

Table 2
Summary of Length and Area Riverine/Riparian Areas and State Jurisdictional Waters within the Project Alignment

Feature	Length (feet)	Riverine/Riparian Areas / FGC 1600 CDFW / Porter Cologne RWQCB jurisdiction	
		Temporary Impact (acres)	**Permanent Impact (acres)**
Drainage A	145	0.15	0.075
Drainage B	90	0.09	0.50
Total		**0.24**	**0.125**

5 CONCLUSIONS AND RECOMMENDATIONS

5.1 Biological Resources

Based on the literature review and field survey, implementation of the project will have no significant impacts on federally, State, or MSHCP listed species known to occur in the general vicinity of the project site.

Additionally, the project will have no effect on designated Critical Habitat because none exists within the area.

While both segments of the Project alignment do contain areas of short, sparse vegetation and contains well-drained, friable soils, no burrows of appropriate size and aspect were observed within or adjacent to the Project alignment. Therefore to ensure there will be no impact to BUOW, a pre-construction survey is required. The suggested mitigation is as follows:

- Prior to issuance of a grading permit, the applicant shall perform a preconstruction survey that shall be conducted within 30 days prior to ground disturbance to avoid direct take of burrowing owls. If the results of the survey indicate that no burrowing owls are present on-site. If burrowing owls are found to be present or nesting on-site during the preconstruction survey, then the following recommendations must be adhered to: Exclusion and relocation activities may not occur during the breeding season, which is defined as March 1 through August 31, with the following exception: From March 1 through March 15 and from August 1 through August 31 exclusion and relocation activities may take place if it is proven to the Lead Agency and/or appropriate agencies (if any) that egg laying or chick rearing is not taking place. This determination must be made by a qualified biologist. If no burrowing owls are found during the pre-construction survey, no further action is required.

The project site provides suitable habitat for nesting birds and the following mitigation measure to reduce impacts is recommended.

- Bird nesting season generally extends from February 1 through September 15 in southern California and specifically, April 15 through August 31 for migratory passerine birds. In

general, Projects should be constructed outside of this time to avoid impacts to nesting birds. If a Project cannot be constructed outside of nesting season, the project site shall be surveyed for nesting birds by a qualified avian biologist within five (5) days prior to initiating the construction activities. If active nests are found during the pre-construction nesting bird surveys, a Nesting Bird Plan (NBP) will be prepared and implemented. At a minimum, the NBP will include guidelines for addressing active nests, establishing buffers, monitoring, and reporting. The NBP will include a copy of maps showing the location of all nests and an appropriate buffer zone around each nest sufficient to protect the nest from direct and indirect impact. The size and location of all buffer zones, if required, shall be determined by the biologist, and shall be based on the nesting species, its sensitivity to disturbance, and expected types of disturbance. The nests and buffer zones shall be field checked weekly by a qualified biological monitor. The approved buffer zone shall be marked in the field with construction fencing, within which no vegetation clearing or ground disturbance shall commence until the qualified biologist has determined the young birds have successfully fledged and a monitoring report has been submitted reviewed and approved by the City of Beaumont.

5.2 MSHCP Resources

The Project alignment is not located within or adjacent to any criteria cell, and no surveys for BUOW or endemic plant species, or mammals or amphibians are required due to the lack of suitable habitat.

Riparian/riverine resources were found within Segment 2, below the UPRR/I-10 corridor. Due to presence of Riverine/Riparian resources, MSHCP requires that a Determination of Biologically Equivalent or Superior Preservation (DBESP) must be developed that addresses the replacement of lost functions of habitats regarding the listed species, if these species cannot be avoided. This analysis is separate from any regulatory review/permitting by the CDFW and RWQCB.

Therefore, with the preparation of the DBESP, proposed Project is consistent with Section 6.1.2 of the MSHCP.

5.3 Jurisdictional Waters

Lake and Streambed Alteration Agreement

Because the site does contain drainages identified as CDFW Jurisdiction, a Lake and Streambed Alteration Agreement (1600) permit will be required prior to any ground disturbance within the identified areas.

Waste Discharge Requirement

The channel morphology and hydrology make Drainages A and B subject to the Porter-Cologne Act that fall under the jurisdictions of the RWQCB. A Waste Discharge Requirement (WDR) Permit from the RWQCB will be required.

6 REFERENCES

County of Riverside, Environmental Programs Department. Revised August 17, 2006. Burrowing Owl Survey Instructions for Western Riverside Multiple Species Habitat Conservation Plan Area, March 29, 2006.

County of Riverside, Land Information System. APNs 331-150-018 and 331-150-027 searches for site-specific information and maps.

Dudek & Associates, Inc. June 17, 2003. Riverside County Integrated Project. Final Western Riverside County Multiple Species Habitat Conservation Plan. Volume I, The Plan, and II.

Dudek & Associates, Inc. June 17, 2003. Riverside County Integrated Project. Final Western Riverside County Multiple Species Habitat Conservation Plan. Volumes II-A through E, The Reference Document.

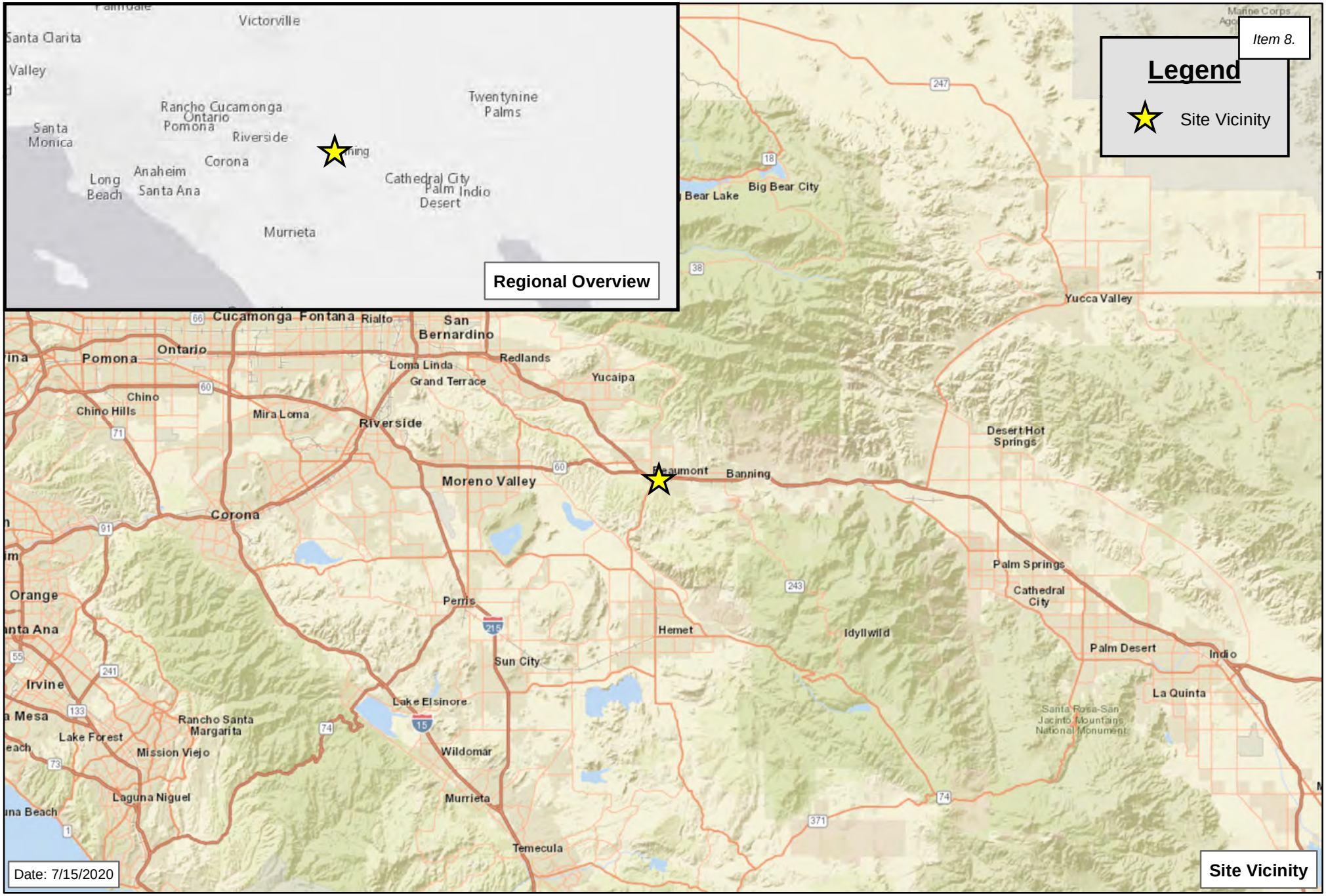
Knecht, A. 1971. *Soil Survey of Western Riverside Area, California*. United States Department of Agriculture, Soil Conservation Service, Washington, D.C.

National Geographic Society (U.S.). 2002. *Field Guide to the Birds of North America*. Fourth Edition. National Geographic Society, Washington, D.C.

Sawyer, John O., and Todd Keeler-Wolf. 1995. *A Manual of California Vegetation*. California Native Plant Society, Sacramento, California. 471pp.

USDA Web Soil Survey, 2018, https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

FIGURES



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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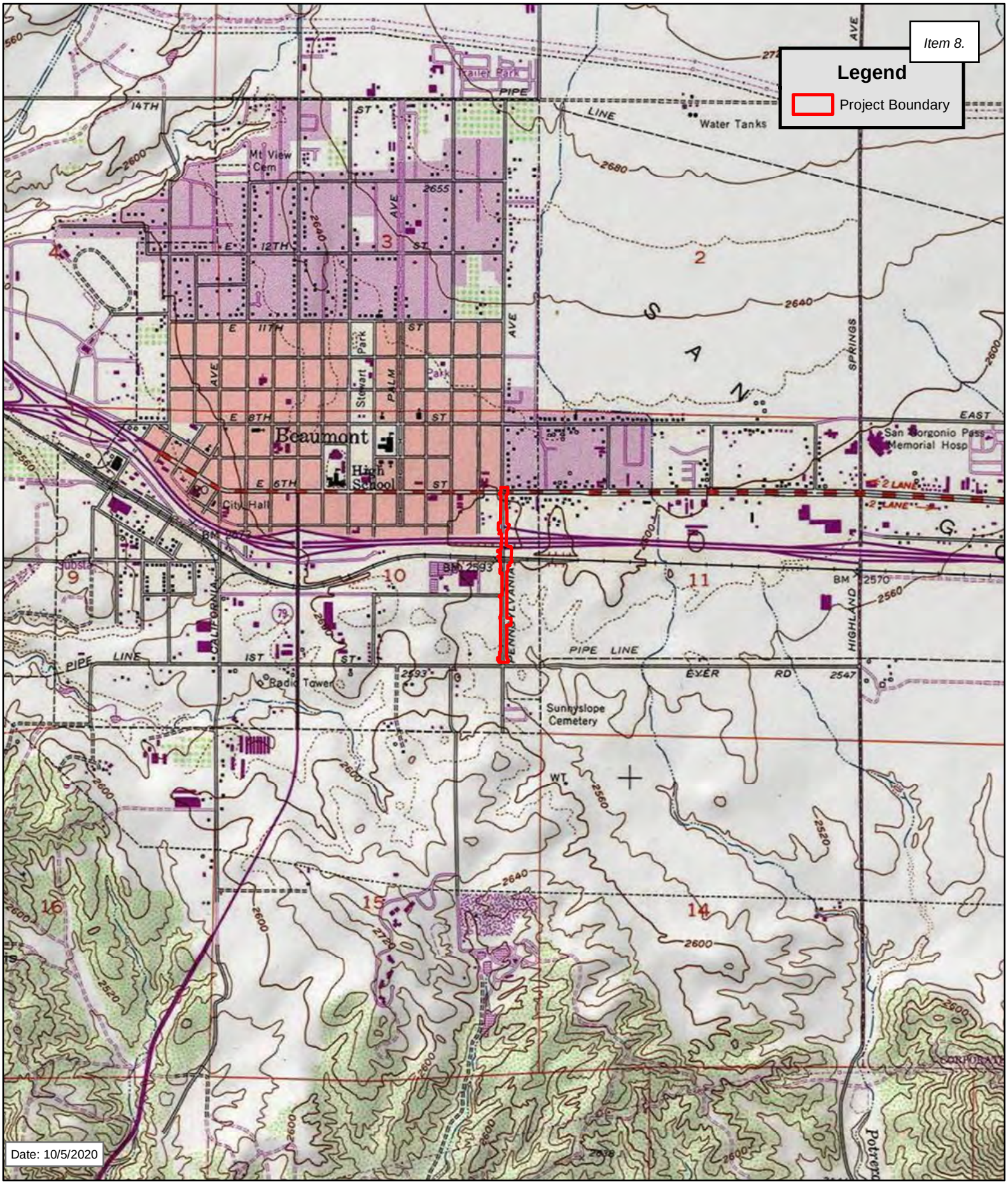
Figure 1 - Regional Overview Site Vicinity

Pennsylvania Avenue Widening Proje
City of Beaumont



Date: 10/5/2020

0 0.125 0.25 0.5 0.75 1 Miles

Imagery Date: 8/6/2017

1 inch = 2,000 feet

Service Layer Credits: Copyright:© 2013 National Geographic Society, i-cubed

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Figure 2 Project Location - Topographic View	Pennsylvania Avenue Widening City of Beaumont	514

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Figure 3
Project Location - Aerial View

Pennsylvania Avenue Widening
City of Beaumont

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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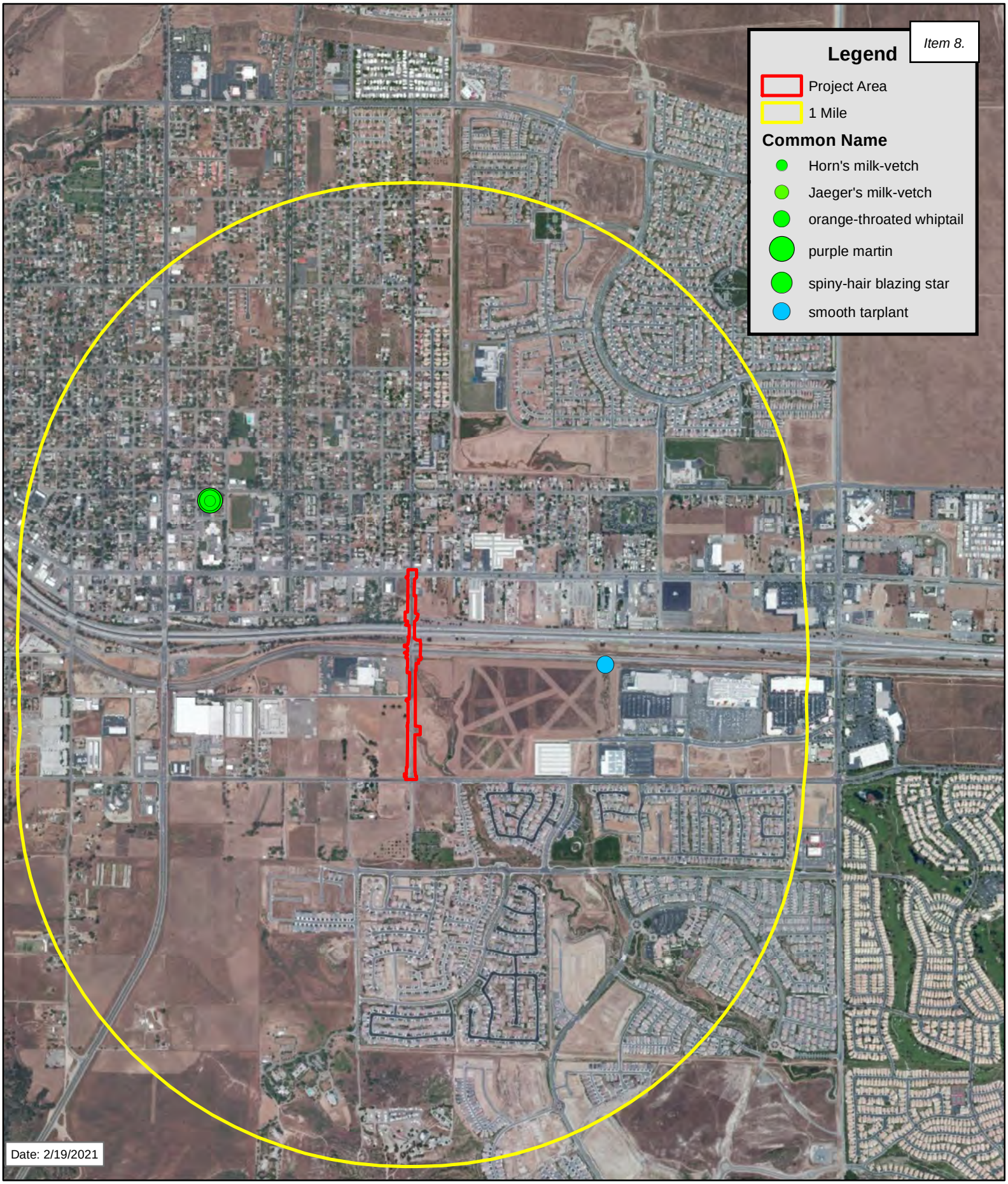
Figure 4
Site Plan

Pennsylvania Avenue Widening
City of Beaumont



0 0.1 0.2 0.4 0.6 0.8 Miles

Imagery Date: 10/20/2019

1 inch = 1,667 feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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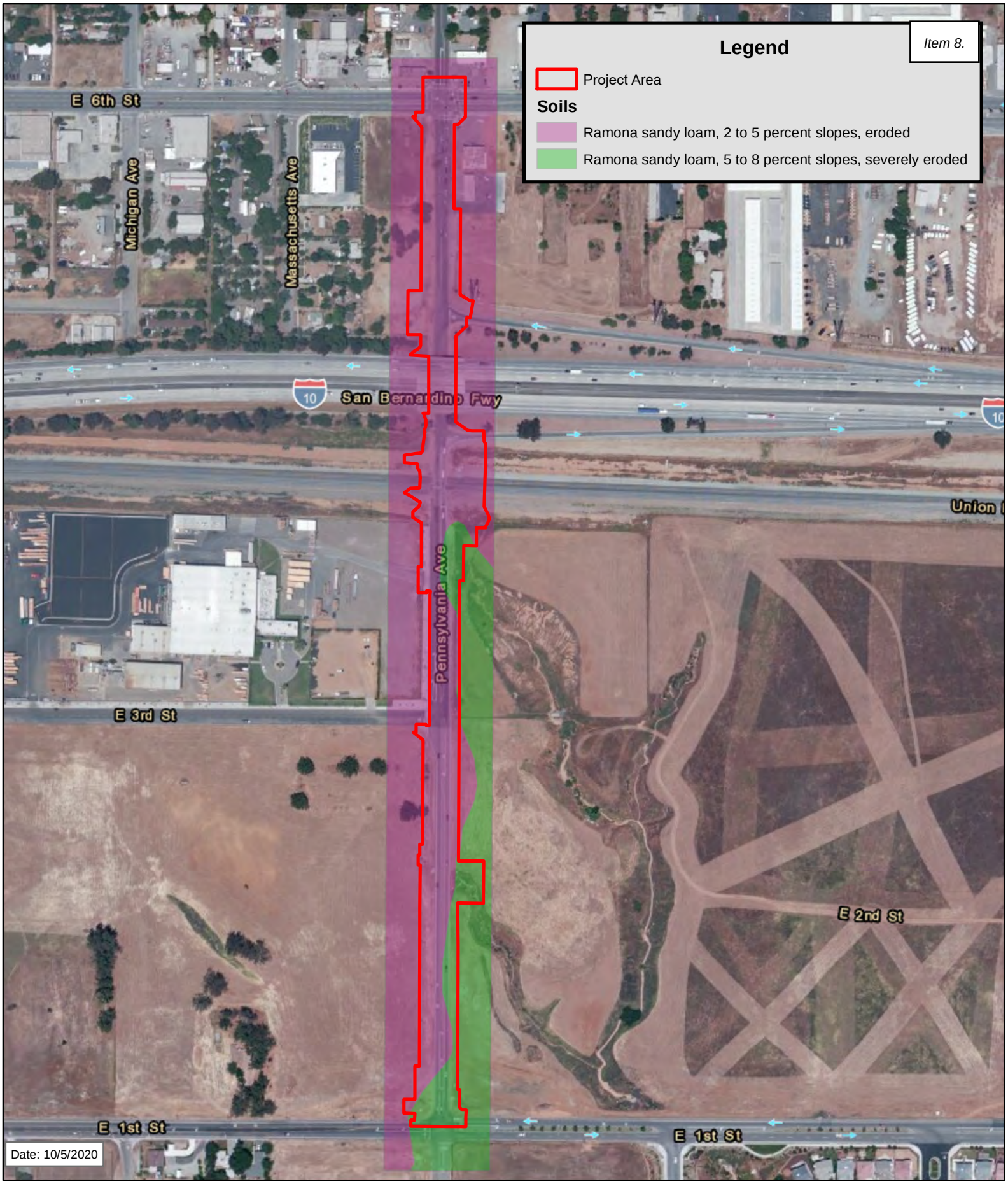
Figure 5
CNDDB - 1 Mile

Pennsylvania Avenue Widenin
City of Beaumont



0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Figure 6
Soils

Pennsylvania Avenue Widening
City of Beaumont

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Figure 7
RCA MSHCP 2012 Vegetation Data

Pennsylvania Avenue Widenin
City of Beaumont

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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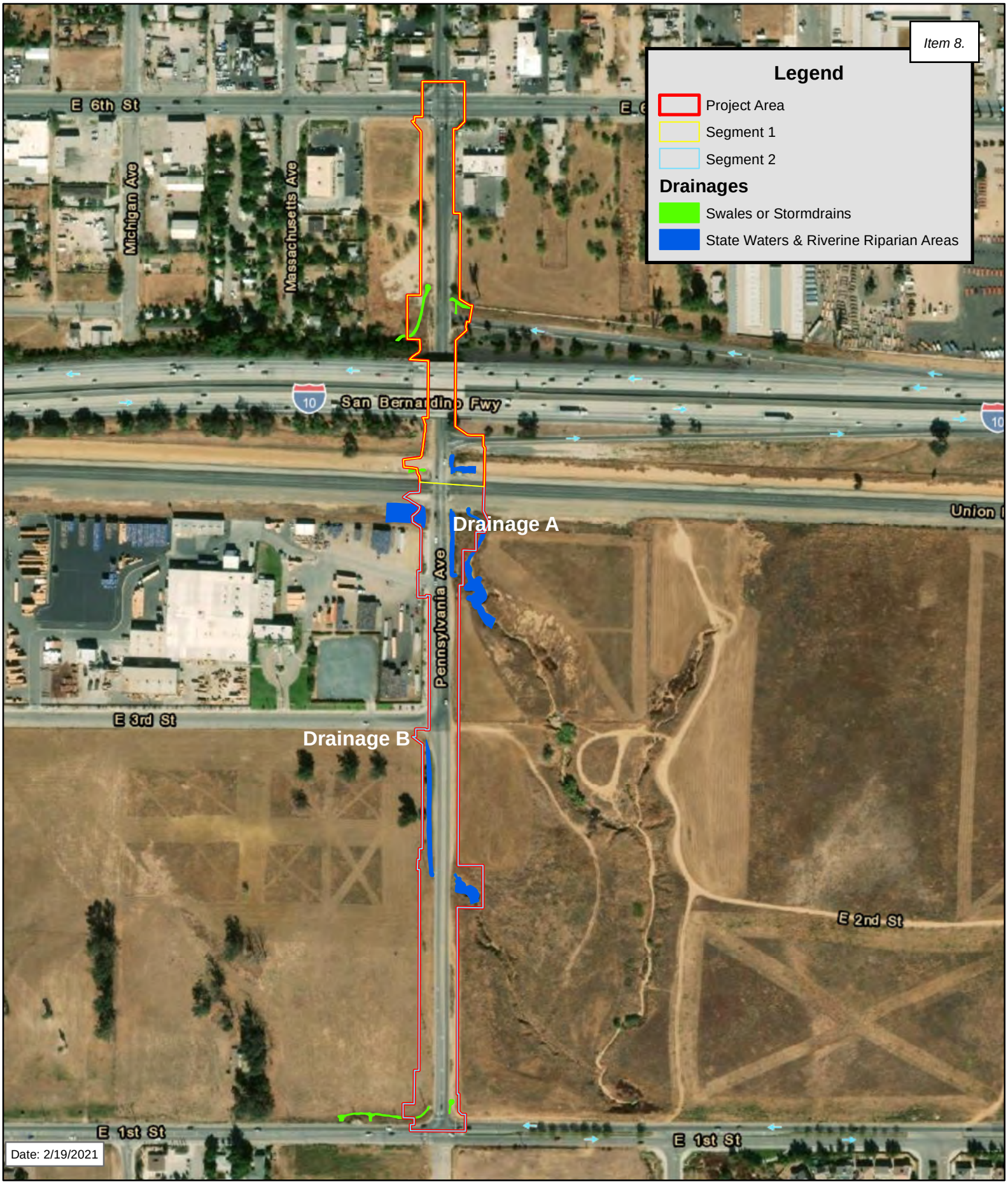
Figure 8
Riverside MSHCP Species Survey Areas

Pennsylvania Avenue Widenin
City of Beaumont



0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Figure 9
Drainages

Pennsylvania Avenue Widenin
City of Beaumont

Attachment B
Site Photos

	Photo 1 – Habitat north of I-10.
	Photo 2 – Fenced land alongside Pennsylvania Ave.

	Photo 3 – Habitat south of I-10.
	Photo 4 – Tall grasses and non-native mustard in fields adjacent to Pennsylvania Ave.

	Photo 5 – Drainage B canyon connected to box culvert.
	Photo 6 – Rushes associated with Drainage A. Section along Pennsylvania Ave.

	Photo 7 – Drainage A. Tree of Heaven and rushes/grasses growing near culvert

Western Riverside County
Multiple Species Habitat Conservation Plan
Consistency Analysis

Pennsylvania Avenue Widening

Permittee Name:
City of Beaumont
550 E. 6th Street
Beaumont, CA 92223

Applicant Name:
City of Beaumont
550 E. 6th Street
Beaumont, CA 92223

Prepared by:

Jericho Systems, Inc.
Shay Lawrey
(909) 915-5900

October 2020

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1 EXECUTIVE SUMMARY

This report contains the findings of Jericho Systems, Inc. (Jericho's) Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) Consistency Analysis for the proposed Pennsylvania Avenue Widening Project in the City of Beaumont, between 6th Street and 1st Street.

The City of Beaumont is a signatory to the MSHCP. The MSHCP requires that a project comply with the MSHCP policies identified in Section 6 of the MSHCP.

The proposed Project encompasses approximately 2,800 linear feet of roadway along Pennsylvania Avenue, between 1st Street and 6th Street. Plans are to widen the roadway from two lanes to four lanes, for a potential total Project Impact area of approximately 13 acres, based on engineering plans from the City of Beaumont.

The northern boundary of the approximately 2,800 linear foot alignment is 6th Street, and the southern boundary is 1st Street. The east-west I-10 freeway crosses over Pennsylvania Avenue at approximately 790 linear feet south of 6th Street, and the Union Pacific Railroad (UPRR) tracks bisect the alignment approximately 1,000 feet south of 6th Street.

Due to differences in habitat and MSHCP mapping designations for portions of the alignment above and below I-10 and the UPRR tracks, for the purposes of this report, the alignment has been divided into two segments:

- Segment 1 – 6th Street to UPRR tracks, approximately 1,000 linear feet
- Segment 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet

Segment 1 does not fall within any special survey area, nor was there habitat for any special species or riverine/riparian resources.

Segment 2, however, falls within a burrowing owl and endemic plant survey area. The results of these habitat assessments were negative. This segment also has two drainages which can be classified as riverine/riparian resources. If all impacts to riparian/riverine habitat cannot be avoided, Determination of Biologically Equivalent or Superior Preservation (DBESP) must be developed that addresses the replacement of lost functions of habitats in regards to riverine/riparian resources.

2 INTRODUCTION

The purpose of this Consistency Analysis (Analysis) report is to summarize the biological data for the subject parcel and to document consistency with the goals and objectives of the Western Riverside County MSHCP. The format of this report follows the RCA's guidance document for the Western Riverside MSHCP Consistency Analysis Report Template.

2.1 General Biological and MSHCP Evaluation Methodology

Literature Review

Prior to conducting the field investigation, species and habitat information was gathered from the reports related to the specific project and relevant databases to determine which species and/or habitats would be expected to occur onsite. Database searches were performed in the *Beaumont and Cabazon* USGS 7.5-

minute series quadrangles. The site's proximity to the *Cabazon* quad lead to its inclusion in the review. These sources include:

- California Native Plant Society Electronic Inventory (CNPSEI) database;
- California Natural Diversity Database (CNDDB) *Rarefind 5*;
- CNDDB Biogeographic Information and Observation System (BIOS);
- Environmental Protection Agency (EPA) Water Program "My Waters" data layers
- Google Earth Pro historic aerial imagery (1994-2018);
- Stephen's Kangaroo Rat Habitat Conservation Plan
- United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS), Soil Survey;
- United States Fish and Wildlife Service (USFWS) Critical Habitat designations for Threatened and Endangered Species;
- USFWS National Wetlands Inventory (NWI);
- Western Riverside County Regional Conservation Authority (RCA) MSHCP Information Map; and
- 2006 Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area.

The literature review provided a baseline from which to inventory the biological resources potentially occurring on the project site. The CNDDB database was used, in conjunction with ArcGIS software, to locate the nearest recorded occurrences of special-status species and determine the distance from the project site.

Field Surveys

On June 15, 2018, Jericho biologist Shannon Dye conducted a jurisdictional waters/biological resources assessment and focused botanical and wildlife survey and of the Project alignment, with the primary focus on species known to be present in the vicinity, namely, BUOW. On July 31, 2018, Jericho biologist Danial Smith conducted a follow-on survey to confirm the findings of the riverine/riparian area assessment and jurisdictional delineation.

Ms. Dye conducted the survey along transects spaced 30 feet apart to allow for 100 percent visual coverage of the site. Transects were aligned north to south along the edges of Pennsylvania Avenue. Plant and wildlife species observed, as well as dominant plant species within each plant community, were noted. Plant species observed during the field survey were identified by visual characteristics and morphology in the field. Unusual and less familiar plant species were photographed during the field survey and identified in the laboratory using taxonomical guides.

Wildlife species were detected during field surveys by sight, calls, tracks, scat, or other sign. In addition to species observed, expected wildlife usage of the site was determined per known habitat preferences of regional wildlife species and knowledge of their relative distributions in the area. The focus of the faunal species surveys was to identify potential habitat for special status wildlife within the project area.

In addition, site characteristics such as soil condition, topography, hydrology, anthropogenic disturbances, indicator species, condition of onsite plant communities, and presence of potential jurisdictional drainage and/or wetland features were noted.

2.2 Project Area

Pennsylvania Avenue is a major north-south thoroughfare located in the City of Beaumont, generally between two north-south thoroughfares, High and Springs Avenue to the east and Beaumont Avenue to the west, both of which have interchanges with exits from Interstate 10 (I-10). Pennsylvania Avenue currently crosses under I-10 and has a partial interchange from I-10 with a westbound offramp and eastbound onramp. The alignment is located within the City of Beaumont. The alignment is identified on the *Beaumont* US Geological Survey (USGS) 7.5-minute topographic map in Section 10, Township 3 South, Range 1 West (Figures 1-3).

Due to differences in habitat and land use above and below I-10 and the UPRR tracks, for the purposes of this report, the alignment has been divided into two segments:

- Segment 1 – 6th Street to UPRR tracks, approximately 1,000 linear feet
- Segment 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet

SEGMENT 1 - 6th Street to UPRR tracks, approximately 1,000 linear feet

Segment 1 is located in the San Timoteo Habitat Management Unit of the MSHCP, but is not located within any Criteria Cells or designated conservation areas or within the designated survey area for burrowing owl or any other designated species survey areas as identified by the MSHCP (refer to Figure 4):

- Amphibian — Not in an amphibian survey area
- Owls — Not in a Burrowing Owl survey area
- Criteria Area Species — Not in a criteria area species survey area
- Mammals — Not in a mammal survey area
- Narrow Endemic Plants — Not in a narrow endemic plant survey area

SEGMENT 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet

The project site is located in the Badlands Habitat Management Unit of the MSHCP, but is not located within any Criteria Cells or designated conservation areas. The RCA MHSCP Information map identified that this segment of the Project alignment is within the designated survey areas for the following (refer to Figure 4):

- Amphibian — Not in an amphibian survey area
- Owls — **In a survey area for Burrowing Owl**
- Criteria Area Species — Not in a criteria area species survey area
- Mammals — Not in a mammal survey area
- Narrow Endemic Plants — **In a survey area for Marvin's onion, Many-stemmed dudleya**

Segment 2 of the Project alignment is defined as follows:

2.3 Project Description

Plans are to widen the roadway from two lanes to four lanes, for a potential total Project Impact area of approximately 13 acres, based on engineering plans from the City of Beaumont. The proposed Project encompasses approximately 2,800 linear feet of roadway along Pennsylvania Avenue, between 1st Street and 6th Street (Figure 5).

2.4 Covered Roads

The Project does not occur on a Covered Road or require access from a Covered Road as identified by MSHCP Table 7-4. Therefore, this section is not applicable.

2.5 General Setting

2.5.1 Local Climate

The Beaumont area is subject to both seasonal and annual variations in temperature and precipitation. Average annual maximum temperatures typically peak at 97 degrees Fahrenheit (°F) in August and fall to an average annual minimum temperature of 40°F in December. Average annual precipitation is greatest from December through March and reaches a peak in February (4.45 inches). Precipitation is lowest in the month of June (0.17 inches). Annual precipitation averages 19.50 inches.

2.5.2 Topography and Soils

Soils on site consist of Ramona sandy loam (Figure 6) and elevations range from 2,600 feet (792 meters) to 2,570 feet (783 meters).

2.5.3 Surrounding Land Uses

Due to differences in habitat and land use above and below I-10 and the UPRR tracks, for the purposes of this report, the alignment has been divided into two segments:

- Segment 1 – 6th Street to UPRR tracks, approximately 1,000 linear feet
- Segment 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet

Segment 1 – 6th Street to UPRR tracks: This section of Pennsylvania Avenue is located north of I-10 primarily in the more urbanized area of the City of Beaumont. The northern boundary of this segment is 6th Street and the southern boundary is the UPRR tracks. The property immediately adjacent to the alignment on west is vacant, and the property immediately adjacent to the alignment on the east is primarily vacant with commercial use at the corner of 6th Street and Pennsylvania Avenue. Site photographs are contained in the Biological Resources report in Appendix A.

Segment 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet. This section of Pennsylvania Avenue is located south of I-10 primarily in the less urbanized area of the City of Beaumont. The northern boundary of this segment is UPRR tracks and the southern boundary is 1st Street. From the UPRR tracks, the east-west 3rd Street exists only on the west side of the alignment, approximately 530 feet south of the UPRR tracks, but does not continue east past Pennsylvania. The property immediately adjacent to the alignment on both sides is vacant, although industrial land use exists adjacent to the alignment on the west side, between the UPRR tracks and 3rd Street.

3 RESERVE ASSEMBLY ANALYSIS

The site is not located or mapped within or adjacent to any criteria cells or cell groups. Therefore, this analysis is not applicable.

3.1 Public Quasi-Public Lands

The majority of the cities in western Riverside County as well as the County have contributed open space/land to the County to help establish the MSHCP Conservation Area. These lands are described in the MSHCP as Public/Quasi-Public (PQP) Lands. P/QP Lands are a subset of MSHCP Conservation Area lands totaling approximately 347,000 acres of lands known to be in public/private ownership and expected to be managed for open space value and/or in a manner that contributes to the Conservation of Covered Species (including lands contained in existing reserves). The acreage of PQP Lands has been accounted for in the MSHCP tracking process for assembling the Conservation Area. If impacts to PQP Lands will result from development or implementation of a project, the project applicant must prepare an equivalency analysis that shows the impacts will either not affect the total acreage of PQP Lands or that the applicant can provide other compensatory mitigation that is biologically equivalent or superior to offset the loss of the PQP Lands.

3.1.1 Public Quasi-Public Lands in Reserve Assembly Analysis

The Project will not directly or indirectly impact any PQP lands because the project site is not located with PQP Lands nor is the Project site near PQP lands.

3.1.2 Project Impacts to Public Quasi-Public Lands

The Project will not directly or indirectly impact any PQP lands because the project site is not located with PQP Lands nor is the Project site near PQP lands.

4 VEGETATION MAPPING

The RCA MSHCP Information Map (Vegetation 2012 layer) identifies the vegetation types as follows (also refer to Figure 7):

Segment 1 – 6th Street to UPRR tracks, approximately 1,000 linear feet

Both sides of the roadway in this segment are classified as "Developed/Disturbed Land." The June 15, 2018 field survey identified the habitat and vegetation present included primarily bare earth with some ruderal and non-native vegetation and scattered ornamental trees.

Segment 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet

The west side of the roadway in this segment is classified as "Developed/Disturbed Land." The east side is classified as "Agricultural Land."

The June 15, 2018 field survey identified the vacant areas contain primarily tall grasses and invasive shrubs, except for some vegetation growing along two drainages on the east side of Pennsylvania Avenue. Along the initial flow area near the outlets of the UPRR tracks, some riparian vegetation was present, including tree of heaven (*Ailanthus altissima*) and rushes (*Cyperaceae)*, present within and along the banks of the drainage.

5 PROTECTION OF SPECIES ASSOCIATED WITH RIPARIAN/RIVERINE AREAS AND VERNAL POOLS (SECTION 6.1.2)

According to Section 6.1.2 of the MSHCP:

"Riparian/Riverine Areas are lands which contain Habitat dominated by trees, shrubs, persistent emergents, or emergent mosses and lichens, which occur close to or which depend upon soil moisture from a nearby fresh water source; or areas with fresh water flow during all or a portion of the year.

"Vernal pools are seasonal wetlands that occur in depression areas that have wetlands indicators of all three parameters (soils, vegetation and hydrology) during the wetter portion of the growing season but normally lack wetlands indicators of hydrology and/or vegetation during the drier portion of the growing season. Obligate hydrophytes and facultative wetlands plant species are normally dominant during the wetter portion of the growing season, while upland species (annuals) may be dominant during the drier portion of the growing season. The determination that an area exhibits vernal pool characteristics, and the definition of the watershed supporting vernal pool hydrology, must be made on a case-by-case basis. Such determinationsshould consider the length of the time the area exhibits upland and wetland characteristics and the manner in which the area fits into the overall ecological system as a wetland. Evidence concerning the persistence of an area's wetness can be obtained from its history, vegetation, soils, and drainage characteristics, uses to which it has been subjected, and weather and hydrologic records.

"Fairy Shrimp. For Riverside, vernal pool and Santa Rosa fairy shrimp, mapping of stock ponds, ephemeral pools and other features shall also be undertaken as determined appropriate by a qualified biologist.

"With the exception of wetlands created for the purpose of providing wetlands Habitat or resulting from human actions to create open waters or from the alteration of natural stream courses, areas demonstrating characteristics as described above which are artificially created are not included in these definitions."

5.1 Riparian/Riverine

As defined under Section 6.1.2 of the MSHCP, *Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools,* riparian/riverine areas are areas dominated by trees, shrubs, persistent emergent plants, or emergent mosses and lichens which occur close to or are dependent upon nearby freshwater, or areas with freshwater flowing during all or a portion of the year. Conservation of these areas is intended to protect habitat that is essential to a number of listed or special-status water-dependent fish, amphibian, avian, and plant species. Any alteration or loss of riparian/riverine habitat from development of a Project will require the preparation of a Determination of Biologically Equivalent or Superior Preservation (DBESP) analysis to ensure the replacement of any lost functions and values of habitats in regard to the listed species. This assessment is independent from considerations given to waters of the United States and waters of the State under the CWA, the California Porter-Cologne Water Quality Control Act, and CDFW jurisdictional streambed under the California Fish and Game Code.

5.1.1 Methods

Jericho also assessed the Project site for State and /or federal jurisdictional waters that are subject to Sections 404 and 401 of the federal CWA regulated by the U.S. Army Corps of Engineers (USACE) and Regional Water Quality Control Board (RWQCB) respectively; and/or Section 1602 of the California Fish and Game Code (FCG) administered by the CDFW and Riverine/Riparian and Vernal Pool habitat subject to Section 6.1.2 of the MSHCP.

The evaluation of CWA WoUS was based upon the Corps' regulations and technical guidance issued by the USACE including, among other sources described further below, (i) *USACE Wetlands Research Program Technical Report Y-87-1 (on-line edition), Wetlands Delineation Manual, Environmental Laboratory, 1987 (Wetland Delineation Manual), USACE Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region, December 2008 (Arid West Supplement)* and *USACE A Guide to Ordinary High Water Mark (OHWM) Delineation Arid West Region of the United States, 2010.* The lateral extent of USACE jurisdiction was measured at the Ordinary High Watermark (OHWM), which

is indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris.

Evaluation of FGC Section 1600 Streambed Waters followed guidance in the FGC in the *MESA Field Guide*, described above, pursuant to which CDFW claims jurisdiction beyond traditional stream banks and the outer edge of riparian. Under MESA, the term stream is defined broadly to include "a body of water that flows perennially or episodically and that is defined by the area in which water currently flows, or has flowed, over a given course during the historic regime [i.e., 'circa 1800 to the present'], and where the width of its course can reasonably be identified by physical or biological indicators." Specifically, CDFW jurisdiction was delineated by measuring the elevations of land that confine a stream to a definite course when its waters rise to their highest level and to the extent of associated riparian vegetation. Here the extent of associated riparian vegetation was used to mark the lateral extent of the jurisdictional areas. Other data recorded included bank height and morphology, substrate type, and vegetation within and adjacent to the low flow streambed.

The methods used to determine any riparian/riverine or vernal pool areas were based on the above techniques as well as soils evaluations and vegetation classifications. This is because an area may be characterized as riparian based on its vegetative composition, but not meet the criteria of being federal or state jurisdictional water.

A variety of reference materials relevant to the project site were reviewed during the course of this delineation, including historical and current aerial imagery, Federal Emergency Management Agency (FEMA) flood insurance rate maps (FIRM), National Oceanic & Atmospheric Administration (NOAA) climate data, USFWS National Wetland Inventory (NWI) and EPA Water Program "My Waters" data layers and United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) web soil survey. The data provided in the Web Soil Survey provides a standard basis for the soil textures and types that are assigned a hydric indicator status of "hydric" or "non-hydric" by the National Technical Committee for Hydric Soils.

The wetland investigation was based on the three-parameter approach (vegetation, soil, and hydrology). Potential wetland areas were assessed to the outer reach of the applicable vegetative community and corresponding soils that displayed wetland characteristics. Plant species were identified and given an indicator status as prescribed in the 2016 National Wetland Plant List (Arid West Region) (Lichvar, 2016). Vegetation nomenclature follows The Jepson Manual, Vascular Plants of California, 2nd Edition (Baldwin, 2012). In order to be considered a jurisdictional wetland under Section 404, an area must possess three wetland characteristics: hydrophytic vegetation, hydric soils, and wetland hydrology.

Hydrophytic vegetation

Hydrophytic (wetland) vegetation is plant life that grows, and is typically adapted for life, in permanently or periodically saturated soils. The hydrophytic vegetation criterion is met if more than 50 percent of the dominant plant species from all strata (tree, shrub, and herb layers) is considered hydrophytic. Hydrophytic species are those included on the 2016 National Wetland Plant List (Arid West Region) (Lichvar, 2016). Each species on the list is rated according to a wetland indicator category, as shown in Table 1. To be considered hydrophytic, the species must have wetland indicator status, i.e., be rated as Obligate Wetland (OBL), Facultative Wetland (FACW) or Facultative (FAC).

Table 1
Wetland Indicator Vegetation Categories

Category	Probability
Obligate Wetland (OBL)	Almost always occur in wetlands (estimated probability >99%)
Facultative Wetland (FACW)	Usually occur in wetlands (estimated probability 67 to 99%)
Facultative (FAC)	Equally likely to occur in wetlands and non-wetlands (estimated probability 34 to 66%)
Facultative Upland (FACU)	Usually occur in non-wetlands (estimated probability 67 to 99%)
Obligate Upland (UPL)	Almost always occur in non-wetlands (estimated probability >99%)

Hydric Soil

Hydric soils are saturated or inundated long enough during the growing season to develop anaerobic conditions that favor growth and regeneration of hydrophytic vegetation. Generally, hydric soils are dark in color resulting from soil development under anoxic (without oxygen) conditions. Bright mottles within an otherwise dark soil matrix indicate periodic saturation with intervening periods of soil aeration. Generally, the hydric soil criterion is satisfied at a location if soils in the area can be inferred or observed to have a high groundwater table, if there is evidence of prolonged soil saturation, or if there are indicators suggesting a long-term reducing environment in the upper part of the soil profile. Typically, reducing conditions are most easily assessed using soil color.

a) Color characteristics (Hue, Value, and Chroma) were recorded using a standard Munsell soil color chart (Munsell Color 2009).
b) Soil physical characteristics were evaluated during the field delineations by excavating to a depth needed to evaluate potential hydric soil indicators below ground surface 18-24 inches.
c) Soils that exhibited hydric soil indicators, such as low chroma colors and/or evidence of reducing conditions met the hydric soil criterion per USACE (1987 and 2012).

The Arid West Supplement provides a list of 23 of hydric soil indicators known to occur in the Arid West region. Hydric soils are considered to be present at any sample plot where the soil samples met one or more of those 23 hydric indicators. As set forth in the Arid West Supplement (2008), some wetlands can be difficult to identify because wetland indicators, including those relating to soils, may be missing due to natural processes or recent disturbances. As set forth on Page 97 of the Arid West Supplement, sand and gravel bars within floodplains can be problematic because they may lack hydric indicators due to seasonal and annual depositions, resulting in sandy substrates that are low in iron and manganese content and have low organic matter content.

Wetland Hydrology

Hydrology (water depth, extent of inundation, period of inundation) determines all other wetland characteristics. Federal Regulation 33 CFR 328.3(b) defines "wetlands" as "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions." According to the Corps' 1987 Wetland Delineation Manual, the primary hydrologic test to determine soil saturation was whether the area's water table rises to within 18 inches of the surface for seven consecutive days during the growing season (February-June).

Seasonal and long-term rainfall patterns, local geology and topography, soil type, local water table conditions, and drainage are factors that control hydrology. Wetland hydrology indicators include: surface water, high water tables, saturation, water marks, sediment deposits, drift deposits, surface soil cracks, inundation visible on aerial imagery, water stained leaves, salt crusts, biotic crusts, aquatic invertebrates, hydrogen sulfide odor, oxidized rhizospheres along living roots, the presence of iron reduction in tilled soils, thin muck surfaces, drainage patterns, crayfish burrows, and shallow aquitards. The Project area was examined for primary or secondary indicators of wetland hydrology as described in the Arid West Supplement.

In normal rainfall years, the instream floodplain within the Project area is in a state of dynamic equilibrium in terms of how the flows move sediment. Large flood events change the main channel form and results in a reset. This of type of change occurs approximately every 20-50 years. The instream floodplain is an infinitely adjustable complex of interrelations among flow, width, depth, bed resistance, sediment transport, and vegetation. Changes in any of these factors causes adjustments in all other factors. Thus, the instream floodplain in the Project area encompasses a riverine/wetland mosaic of wetlands, and other waters which include active channels and unvegetated wetlands.

No limitations significantly affected the results and conclusions given herein. Surveys were conducted during the appropriate season to observe the target species, in good weather conditions, by qualified biologists who followed all pertinent protocols and guidelines.

5.1.2 Existing Conditions and Results

Segment 1 – 6th Street to UPRR tracks, approximately 1,000 linear feet

Both sides of the roadway in this segment are classified as "Developed/Disturbed Land." The June 15, 2018 field survey identified the habitat and vegetation present included primarily bare earth with some ruderal and non-native vegetation and scattered ornamental trees.

Segment 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet

The west side of the roadway in this segment is classified as "Developed/Disturbed Land." The east side is classified as "Agricultural Land."

The June 15, 2018 field survey identified the vacant areas contain primarily tall grasses and invasive shrubs, except for some vegetation growing along two drainages on the east side of Pennsylvania Avenue. Along the initial flow area near the outlets of the UPRR tracks, some riparian vegetation was present, including tree of heaven (*Ailanthus altissima*) and rushes (*Cyperaceae),* present within and along the banks of the drainage.

The Project alignment is within the Potrero Creek Hydrologic Sub-Area (HSA 802.21) which comprises a 193,598-acre drainage area within the larger San Jacinto Watershed (HUC 180702020201) in Riverside County. The San Jacinto Watershed is bound on the north by the San Gorgonio Creek and Smith Creek Watersheds, on the southeast by the Laborde Canyon-San Jacinto River Watershed, and on the southwest by the Poppet Creek-San Jacinto Watershed. The Potrero Creek is the major hydrogeomorphic feature within the Potrero Creek Watershed.

Two unnamed ephemeral drainages, Drainage A and Drainage B, were identified within the project site, south of the UPRR tracks/I-10 that would meet the definition of a State jurisdictional water. Since they meet the definition of being a State streambed water, they also meet the criteria for being a riverine/riparian area under the MSHCP. These drainages however, are not subject to the federal CWA under the 2020 guidance as they are ephemeral and excluded from jurisdiction. Areas meeting all three wetland parameters would be designated as USACE wetlands. The three required parameters, hydrophitic vegetation, hydric soils and/or wetland hydrology, are not present within the Project site. Therefore, no wetlands were identified in the study area during this investigation based of the absence of hydric soil indicators and/or wetland hydrology.

Drainage A and Drainage B both have a definable bed and bank and Drainage A also supports rushes (*Cyperaceae*), which is restricted to the streambed and absent from the surrounding upland habitat. Therefore, given that these drainages have a definable bed and bank and support some riparian associated vegetation (in Drainage A), they both would be subject to the FGC under the jurisdiction of the CDFW and be considered a riverine/riparian area under the MSHCP.

Table 2 details the amount of impacts on each jurisdictional feature. Drainage A and Drainage B are both part of a larger drainage that occupies the vacant lot east of the Project site (Figure 8).

Drainages A and B are also considered jurisdictional under the Porter Cologne as a State Streambed Water.

5.1.3 Drainage A

Drainage A is located within the survey area, on the east side of Pennsylvania, south of the UPRR/I-10 corridor and north of 3rd Street. The drainage exits two box culverts under the UPRR tracks, one adjacent Pennsylvania Avenue, and one approximately 90 feet east of Pennsylvania Avenue, flowing southwest toward Pennsylvania Avenue, where they join to form one drainage that flows south along Pennsylvania Avenue for approximately 145 feet. The drainage then turns east onto a vacant parcel, before flowing southerly, bisecting the vacant parcel. This drainage impacted is approximately 70 feet wide from edge of bank to edge of bank at its widest. No standing or running water was observed in the drainage at the time of the survey.

Along the initial flow area near the outlets of the UPRR tracks, some riparian vegetation was present, including tree of heaven (*Ailanthus altissima*) and rushes (*Cyperaceae),* present within and along the banks of the drainage.

5.1.4 Drainage B

Drainage B exits from a box culvert under the east side of Pennsylvania Avenue approximately 700 feet north of 1st Street. The source of the water that supplies this drainage is unknown. Within the Project survey area, the drainage is approximately 90 feet long, and approximately 35 feet from bank edge to bank edge at its widest. The bottom of the drainage is relatively sandy and is approximately 25 feet lower that the surrounding land, thereby forming more of a canyon-like drainage indicative of more of a high volume, short-duration flow regime. No standing or running water was observed at the time. No riparian obligate species were observed within or near the portion of the drainage within the Project footprint but this portion of the drainage does have a higher diversity of species with a mix of native and non-native plant species, including jimsonweed (*Datura sp.)*, California sage (*Artemisia californica*), mustard (*Hirschfeldia incana*), and Russian thistle (*Salsola tragus*).

Drainages A and B converge and join a larger drainage. This larger drainage converges with Potrero Creek. Potrero Creek, in turn, converges with the San Jacinto River approximately 9 miles further south and the Jacinto River flows into Lake Elsinore.

Table 2
Summary of Length and Area Riverine/Riparian Areas and State Jurisdictional Waters within the Project Alignment

Feature	Length (feet)	Riverine/Riparian Areas / FGC 1600 CDFW / Porter Cologne RWQCB jurisdiction	
		Temporary Impact (acres)	Permanent Impact (acres)
Drainage A	145	0.15	0.075
Drainage B	90	0.09	0.50
Total		**0.24**	**0.125**

5.1.5 Mitigation

If all impacts to riparian/riverine habitat cannot be avoided, Section 6.1.2 of the MSHCP identifies that a Determination of Biologically Equivalent or Superior Preservation (DBESP) must be prepared and submitted to the Wildlife agencies to ensure replacement of any lost functions and values of Habitat as it relates to Covered Species. This analysis is separate from any regulatory review/permitting by the U.S. Army Corps of Engineers, Regional Water Quality Control Board, and CDFW.

The DBESP shall be made by the Permittee to ensure replacement of any lost functions and values of Habitat as it relates to Covered Species. The determination of Biologically Equivalent or Superior Preservation shall include the following information to be supplied by the applicant (the City of Beaumont) and reviewed by the Permittee (also the City of Beaumont).

- Definition of the project area.
- A written project description, demonstrating why an avoidance alternative is not possible.
- A written description of biological information available for the project site including the results of resource mapping.
- Quantification of unavoidable impacts to riparian/riverine areas and vernal pools associated with the project, including direct and indirect effects.
- A written description of project design features and mitigation measures that reduce indirect effects, such as edge treatments, landscaping, elevation difference, minimization and/or compensation through restoration or enhancement.
- A finding demonstrating that although the proposed project would not avoid impacts, with proposed design and compensation measures, the project would be biologically equivalent or superior to that which would occur under an avoidance alternative without these measures, based on one or more of the following factors:
- effects on Conserved Habitats;
- effects on the species listed above under the heading, "Purpose" and
- effects on riparian Linkages and function of the MSHCP Conservation Area

Prior to approval of Biologically Equivalent or Superior Preservation Determinations, the Wildlife Agencies shall be notified and be provided a 60-day review and response period. A written record of determinations shall be maintained and shall be included in the annual reporting documentation prepared by the Permittees and submitted to the Wildlife Agencies.

5.2 Vernal Pools

Vernal pools are seasonally inundated, ponded areas that only form in regions where specialized soil and climatic conditions exist. During fall and winter rains typical of Mediterranean climates, water collects in shallow depressions where downward percolation of water is prevented by the presence of a hard pan or clay pan layer (duripan) below the soil surface. Later in the spring when rains decrease and the weather warms, the water evaporates, and the pools generally disappear by May. The shallow depressions remain relatively dry until late fall and early winter with the advent of greater precipitation and cooler temperatures.

Vernal pools provide unusual "flood and drought" habitat conditions to which certain plant and wildlife species have specifically adapted as well as invertebrate species such as fairy shrimp.

One of the factors for determining the suitability of the habitat for fairy shrimp would be demonstrable evidence of seasonal ponding in an area of topographic depression that is not subject to flowing waters. These astatic pools are typically characterized as vernal pools. More specifically, vernal pools are seasonal wetlands that occur in depression areas without a continual source of water. They have wetland indicators of all 3 parameters (soils, vegetation, and hydrology) during the wetter portion of the growing season but normally lack wetland indicators of hydrology and/or vegetation during the drier portion of the growing season. Obligate hydrophytes and facultative wetlands plant species are normally dominant during the wetter portion of the growing season. The determination that an area exhibits vernal pool characteristics and the definition of the watershed supporting vernal pool hydrology is made on a case-by-case basis. Such determinations should consider the length of time the area exhibits upland and wetland characteristics and the manner in which the area fits into the overall ecological system as a wetland. The seasonal hydrology of vernal pools provides for a unique environment, which supports plants and invertebrates specifically adapted to a regime of winter inundation, followed by an extended period when the pool soils are dry.

The MSHCP lists two general classes of soils known to be associated with special-status plant species; clay soils and Traver-Domino Willow association soils. The specific clay soils known to be associated with special-status species within the MSHCP plan area include Bosanko, Auld, Altamont, and Porterville series soils, whereas Traver-Domino Willows association includes saline-alkali soils largely located along floodplain areas of the San Jacinto River and Salt Creek. Without the appropriate soils to create the impermeable restrictive layer, none of the special-status species associated with vernal pools can occur on the project site.

5.2.1 Methods

Methods included a review of recent and historic aerial photographs of the project site and its immediate vicinity, a review of soils data, and an initial site visit on June 15, 2018. During the survey, Ms. Dye looked for signs of clayey soils, ponding, cracking, mottling, and other indicators of ponding on site.

5.2.2 Existing Conditions and Results

A review of recent and historic aerial photographs of the project site and its immediate vicinity did not provide visual evidence of an astatic or vernal pool conditions on or in the vicinity of the project site. Soils on site consist of Ramona sandy loam (2 to 5 percent slopes) in most of the Project alignment. The west side of Pennsylvania Avenue in Segment 2 (between the UPRR railroad tracks and E. 1st Street) are Ramona sandy loam 5 to 8 percent slopes.

No ponding was observed on-site or in the erosional feature during those surveys further supporting the fact that the drainage patterns currently occurring on the project site do not follow hydrologic regimes needed for vernal pools, or astatic ponds.

From this review of historic aerial photographs and observations made during the field investigations, it was concluded vernal pools or suitable fairy shrimp habitat does not occur on the Project site, as no evidence of ponding was observed. Further, no special-status plant and wildlife species associated with vernal pools were observed during the field visits. Additionally, the routine disturbances on-site also preclude vernal pools from existing on-site.

5.2.3 Impacts

There are no impacts to vernal pools because none exist on site, and the soil type on site does not support the potential for vernal pools.

5.2.4 Mitigation

No mitigation is required because no vernal pools exist on site.

5.3 Fairy Shrimp

Fairy shrimp can be found in non-vernal pool features such as stock ponds, ephemeral pools, road ruts, human-made depressions, or other depressions that may pond water. If vernal pools or other suitable fairy shrimp habitats are located within the project site then fairy shrimp surveys must be conducted pursuant to USFWS Survey Guidelines for the Listed Large Branchiopods (May 31, 2015), which includes six listed fairy shrimp species, including those species covered under the MSHCP Section 6.1.2 which include but are not limited to:

- Riverside fairy shrimp (*Streptocephalus woottoni*)
- Santa Rosa Plateau fairy Shrimp (*Linderiella santarosae*)
- Vernal Pool fairy shrimp (*Branchinecta lynchi*)

No habitat features suitable for fairy shrimp exist on site. Therefore, evaluations for the presence of fairy shrimp were not warranted or required. No further discussion on fairy shrimp is made in this report.

5.4 Riparian Birds

Riparian Birds covered under the MSHCP such as the Least Bell's vireo (*Vireo bellii pusillus*) [LBVI], Southwestern willow flycatcher (*Empidonax trallii extimus*) [SWWF] and Yellow-billed cuckoo (*Coccyzus americanus*) [YBCU] are found only in well-developed riparian habitat.

No habitat features suitable for any riparian birds exist on site. The drainages within Segment 2 do not contain the canopy or density to support any riparian birds.

The habitat on site is not suitable for use by riparian birds. Therefore, evaluations for the presence of riparian birds were not warranted or required. No further discussion on riparian birds is made in this report.

6 PROTECTION OF NARROW ENDEMIC PLANT SPECIES (SECTION 6.1.3)

The MSHCP identifies the potential presence for a number of endemic plant species.

The MSHCP states that in general, habitat suitability assessments may be undertaken year-round, with the exception of vernal pool species for which habitat suitability assessments must be conducted during the rainy season. Species found in vernal pools and associated Habitats include the following Narrow Endemic Plant Species: San Diego ambrosia (*Ambrosia pumila*), spreading navarretia (*Navarretia fossalis*), California Orcutt grass (*Orcuttia californica*), and Wright's trichocoronis (*Trichocoronis wrightii* var. *wrightii*). Species found in vernal pools and associated Habitats include the following Criteria Area Survey plant species: San Jacinto Valley crownscale (*Atriplex coronator* var. *notatior*), Parish's brittlescale (*Atriplex parishii*), Davidson's saltscale (*Atriplex serenana* var. *davidsonii*), thread-leaved brodiaea (*Brodiaea filifolia*), Coulter's goldfields (*Lasthenia glabrata* ssp. *coulteri*), little mousetail (*Myosurus minimus*), and prostrate navarretia (*Navarretia prostrata*) (MSHCP, Section 6.1.3).

Segment 1 – 6th Street to UPRR tracks, approximately 1,000 linear feet

This segment does not fall within an area mapped for protection of narrow endemic plant species. The field survey confirmed that the developed/disturbed nature of the area would not support these species. No further discussion is necessary in this section.

Segment 2 – UPRR tracks to 1st Street, approximately 1,800 linear feet

The survey area maps have identified this segment of the Project alignment to be located within the Narrow Endemic Plant Species Survey Areas for both Marvin’s onion and many-stemmed dudleya. However, both of these species require clay soils. The soils onsite consist of Ramona sandy loams, and as such the project site does not contain appropriate habitat and focused surveys for these species are not required.

7 ADDITIONAL SURVEY NEEDS AND PROCEDURES (SECTION 6.3.2)

Section 6.3.2 of the MSHCP, *Additional Survey Needs and Procedures*, states that additional surveys may be needed for certain species in order to achieve coverage for these species.

The RCA Information Map identifies the segments as follows:

Segment 1 – 6th Street to UPRR tracks

Segment 1 is located in the San Timoteo Habitat Management Unit of the MSHCP, but is not located within any Criteria Cells or designated conservation areas or within the designated survey area for burrowing owl or any other designated species survey areas as identified by the MSHCP:

- Amphibian — Not in an amphibian survey area
- Owls — Not in a Burrowing Owl survey area
- Criteria Area Species — Not in a criteria area species survey area
- Mammals — Not in a mammal survey area
- Narrow Endemic Plants — Not in a narrow endemic plant survey area

Segment 2 –UPRR tracks to 1st Street

Segment 2 is located in the Badlands Habitat Management Unit of the MSHCP, but is not located within any Criteria Cells or designated conservation areas. The RCA MHSCP Information map identified that this segment of the Project alignment is within the designated survey areas for the following:

- Amphibian — Not in an amphibian survey area
- Owls — **In a survey area for Burrowing Owl**
- Criteria Area Species — Not in a criteria area species survey area
- Mammals — Not in a mammal survey area
- Narrow Endemic Plants — **In a survey area for Marvin's onion, Many-stemmed dudleya**

The MSHCP also identifies species-specific objectives for the burrowing owl, namely species-specific objectives 5 and 6, both of which require burrowing owl surveys if suitable habitat occurs on a proposed project site. The *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area* identifies a two step process consisting of a habitat assessment, followed by a focused survey if suitable habitat is found.

7.1 Burrowing Owl

The western Burrowing Owl (BUOW, *Athene cunicularia hypugaea*) is one of 18 New World Burrowing Owl subspecies, and one of only two in North America. BUOW, ranges from Texas to California and north to southern Canada. Individuals of resident populations in southern California, northern Mexico, and Florida breed and overwinter in an area without a significant migration (Haug et al. 1993). BUOW, a California Species of Special Concern (SSC), are found across American open landscapes, showing activity chiefly in the daytime. In California, preferred habitat is generally typified by short, sparse vegetation with few shrubs, level to gentle topography and well-drained soils. In addition, BUOW may occur in some agricultural areas, ruderal grassy fields, vacant lots and pastures, and flood control facilities if the surrounding vegetation structure is suitable and there are useable burrows and foraging habitat in proximity. Unique among North American raptors, the BUOW requires underground burrows or other cavities for nesting during the breeding season and for roosting and cover, year-round. Burrows used by the owls are usually dug by other species termed host burrowers. In California, California ground squirrel (*Spermophilus beecheyi*) and round-tailed ground squirrel (*Citellus tereticaudus*) burrows are frequently used by BUOW but they may use dens or holes dug by other fossorial species and/or human made structures such as cement culverts and pipes.

BUOW have a high fidelity to their birth territory and they often prefer nesting in areas of high burrow densities. Breeding pairs are easily located within the surrounding of their nests (usually 90 feet) due to their territorial behavior. They are active during the day and night and are generally observed in the early morning hours or at twilight.

BUOW breeding season begins February 1 and extends to August 31. Pair formation can begin in February. Peak of the BUOW breeding season, commonly accepted in California, occurs between April 15 and July 15. April to mid-May is when most burrowing owls are in the egg laying and incubation stages. BUOW egg incubation period is about 27-28 days Chick rearing typically occurs between May 15 and July 1. July 15 is typically considered the late nestling period when most owls are spending time above ground. The non-breeding season (September 1 to January 31). BUOW are semi-colonial and will sometimes share a burrow for incubation and chick rearing.

Per the definition provided in the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area*, (Instructions, adopted November 2005),

> *Burrowing owls use a variety of natural and modified habitats for nesting and foraging that is typically characterized by low growing vegetation. Burrowing owl habitat includes, but is not limited to, native and non-native grassland, interstitial grassland within shrub lands, shrub lands with low density shrub cover, golf-courses, drainage ditches, earthen berms, unpaved airfields, pastureland, dairies, fallow fields, and agricultural use areas.*
>
> *Burrowing owls typically use burrows made by fossorial (adapted for burrowing or digging) mammals, such as ground squirrels (Spermaphilus beecheyi) or badgers (Taxidea taxus), they often utilize manmade structures, such as earthen berms; cement culverts; cement, asphalt, rock, or wood debris piles; or openings beneath cement or asphalt pavement. Burrowing owls are often found within, under, or in close proximity to man-made structures.*

7.1.1 Methods

The BUOW habitat suitability assessment was conducted in accordance with the Western Riverside County MSHCP, which follows the 1993 "Burrowing Owl Survey Protocol and Mitigation Guidelines" prepared by the California Burrowing Owl Consortium. If suitable habitat is present, this protocol requires four (4) surveys between March 1 and August 31 with the first site survey counting as one survey period.

Step I Habitat Assessment

The burrowing owl (BUOW) habitat assessment was conducted in accordance with the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area*, (Instructions, adopted November 2005). The Step 1 Habitat Assessment of the Instructions walk the property to identify the presence of burrowing owl habitat on the project site. If habitat is found on the site, then walk a 150-meter (approximately 500 feet) buffer zone around the project boundary. If permission to access the buffer area cannot be obtained, do not trespass on adjacent property but visually inspect the adjacent habitat areas with binoculars and/or spotting scopes.

Jericho's biologist designed the protocol assessment was structured to detect BUOW by systematically searching the entire property (where feasible) by walking transects spaced at approximately 30 feet (10 meters) which provided 100 percent visual coverage of the areas determined to contain suitable habitat for BUOW.

The survey was conducted on June 15, 2018, a calm weather day, during peak BUOW activity between the morning hours of 6:00 a.m. and 10:00 a.m. The survey was conducted at a time of year when BUOW are both evident and identifiable.

Natural and non-natural substrates were examined. Areas that were not accessible on foot were surveyed with binoculars. Sign of BUOW were searched for, including, burrows, molted feathers, cast pellets, prey remains, owl white wash, and suitable surrogate burrows. The area was also assessed for soil type and level of friability as well as habitat type and habitat structure.

7.1.2 Conditions and Results

Per the literature review, BUOW have not been documented in the immediate site vicinity but were documented in 2006 3.8 miles southeast of the Project alignment.

Neither segment of the Project alignment or immediate vicinity contain suitable habitat for this species.

While both segments of the Project alignment do contain areas of short, sparse vegetation and contains well-drained, friable soils, no burrows of appropriate size and aspect were observed within or adjacent to the Project alignment.

No BUOW individuals or sign were observed on site during survey conducted on June 15, 2018, and the site does not exhibit habitat elements and structure that are capable of supporting BUOW.

The result of the habitat assessment was that no evidence of BUOW was found in the survey area. No burrows of appropriate size, aspect or shape were located, and no BUOW pellets, feathers or white wash was found. No BUOW individuals were observed. Therefore, BUOW focused surveys are not required.

7.1.3 Impacts

No impacts can be identified in that no BUOW or BUOW sign was observed on the Project site.

7.1.4 Mitigation

To ensure there will be no impact to BUOW, a pre-construction survey is required. The suggested mitigation is as follows:

> *"Prior to issuance of a grading permit, the applicant shall perform a preconstruction survey that shall be conducted within 30 days prior to ground disturbance to avoid direct take of burrowing owls. If the results of the survey indicate that no burrowing owls are present on-site. If burrowing owls are found to be present or nesting on-site during the preconstruction survey, then the following recommendations must be adhered to: Exclusion and relocation activities may not occur during the breeding season, which is defined as March 1 through August 31, with the following exception: From March 1 through March 15 and from August 1 through August 31 exclusion and relocation activities may take place if it is proven to the Lead Agency and/or appropriate agencies (if any) that egg laying or chick rearing is not taking place. This determination must be made by a qualified biologist. If no burrowing owls are found during the pre-construction survey, no further action is required."*

8 INFORMATION ON OTHER SPECIES

8.1 Delhi Sands Flower Loving Fly

The Project site does not fall within the Delhi soils mapped within the MSHCP baseline data.

8.2 Species Not Adequately Conserved

MSHCP Table 9-3 identifies 28 species where requirements must be met for those to be considered not adequately conserved.

None of the species listed in the MSHCP Table 9-3 occur on or near the Project site. Therefore, there is no further action required.

9 GUIDELINES PERTAINING TO THE URBAN/WILDLANDS INTERFACE (SECTION 6.1.4)

The MSHCP Section 6.1.4 Guidelines are intended to address indirect effects associated with locating Development in proximity to the MSHCP Conservation Area, where applicable. The Project site is not in proximity to any MSHCP Conservation Areas and no further discussion is made in this document.

The Project Site is not located within a Criteria Cell. Therefore, the MSHCP guidelines pertaining to Urban/Wildlands Interface for the management of edge factors such as lighting, urban runoff, toxics, and domestic predators do not apply.

10 BEST MANAGEMENT PRACTICES (VOLUME I, APPENDIX C)

This section of the report is designed to describe and comment as to the necessity of implementation of the BMPs identified in Volume 1, Appendix C. The BMPs and their applicability to the Project is identified in Table 1.

Table 1
MSHCP Best Management Practices Applicability (Volume 1, Appendix C)

BMP No.	BMP	Applicable Yes or No	Comment
1	A condition shall be placed on grading permits requiring a qualified biologist to conduct a training session for project personnel prior to grading. The training shall include a description of the species of concern and its habitats, the general provisions of the Endangered Species Act (Act) and the MSHCP, the need to adhere to the provisions of the Act and the MSHCP, the penalties associated with violating the provisions of the Act, the general measures that are being implemented to conserve the species of concern as they relate to the project, and the access routes to and project site boundaries within which the project activities must be accomplished.	No	There are no sensitive species within or near the Project alignment.
2	Water pollution and erosion control plans shall be developed and implemented in accordance with RWQCB requirements.	Yes	The Project will include grading and development.
3	The footprint of disturbance shall be minimized to the maximum extent feasible. Access to sites shall be via pre-existing access routes to the greatest extent possible.	Yes	This is an existing roadway within the Project alignment.
4	The upstream and downstream limits of projects disturbance plus lateral limits of disturbance on either side of the stream shall be clearly defined and marked in the field and reviewed by the biologist prior to initiation of work.	Yes	There are streambed resources on or near the alignment.
5	Projects should be designed to avoid the placement of equipment and personnel within the stream channel or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern.	Yes	There are streambed resources on or near the alignment.

BMP No.	BMP	Applicable Yes or No	Comment
6	Projects that cannot be conducted without placing equipment or personnel in sensitive habitats should be timed to avoid the breeding season of riparian identified in MSHCP Global Species Objective No. 7.	Yes	There are streambed resources on or near the alignment.
7	When stream flows must be diverted, the diversions shall be conducted using sandbags or other methods requiring minimal instream impacts. Silt fencing of other sediment trapping materials shall be installed at the downstream end of construction activity to minimize the transport of sediments offsite. Settling ponds where sediment is collected shall be cleaned out in a manner that prevents the sediment from reentering the stream. Care shall be exercised when removing silt fences, as feasible, to prevent debris or sediment from returning to the stream.	Yes	There are streambed resources on or near the alignment.
8	Equipment storage, fueling, and staging areas shall be located on upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats. These designated areas shall be in such a manner as to prevent any runoff from entering sensitive habitat. Necessary precautions shall be taken to prevent the release of cement or other toxic substances into surface waters. Project related spills of hazardous materials shall be reported to appropriate entities including but not limited to applicable jurisdictional city, FWS, and CDFG, RWQCB and shall be cleaned up immediately and contaminated soils removed to approved disposal areas.	Yes	There are streambed resources on or near the alignment.
9	Erodible fill material shall not be deposited into water courses. Brush, loose soils, or other similar debris material shall not be stockpiled within the stream channel or on its banks.	Yes	There are streambed resources on or near the alignment.
10	The qualified project biologist shall monitor construction activities for the duration of the project to ensure that practicable measures are being employed to avoid incidental disturbance of habitat and species of concern outside the project footprint.	No	There are no sensitive resources on site.
11	The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Temporary impacts shall be returned to pre-existing contours and revegetated with appropriate native species.	No	Vegetation on-site is mostly non-native grasses and ruderal.
12	Exotic species that prey upon or displace target species of concern should be permanently removed from the site to the extent feasible.	No	There are no target species of concern on site.
13	To avoid attracting predators of the species of concern, the project site shall be kept as clean of debris as possible. All food related trash items shall be enclosed in sealed containers and regularly removed from the site(s).	Yes	Standard measure.
14	Construction employees shall strictly limit their activities, vehicles, equipment, and construction materials to the proposed project footprint and designated staging areas	Yes	Standard measure.

BMP No.	BMP	Applicable Yes or No	Comment
	and routes of travel. The construction area(s) shall be the minimal area necessary to complete the project and shall be specified in the construction plans. Construction limits will be fenced with orange snow screen. Exclusion fencing should be maintained until the completion of all construction activities. Employees shall be instructed that their activities are restricted to the construction areas.		
15	The Permittee shall have the right to access and inspect any sites of approved projects including any restoration/enhancement area for compliance with project approval conditions including these BMPs.	Yes	Standard measure.

11 REFERENCES

USFWS (United States Fish and Wildlife Service). 2000. *Southwestern Willow Flycatcher Protocol Revision 2000.* Sacramento, California: USFWS. https://www.fws.gov/pacific/ecoservices/endangered/recovery/documents/SWWFlycatcher.2000.protocol.pdf

USFWS. 2001. *Least Bell's Vireo Survey Guidelines*. January 19, 2001. Sacramento, California: USFWS. https://www.fws.gov/cno/es/Recovery_Permitting/birds/least_bells_vireo/LeastBellsVireo_SurveyGuidelines_20010119.pdf

USFWS. 2015. *A Natural History Summary and Survey Protocol for the Western Distinct Population Segment of the Yellow-Billed Cuckoo.* Prepared by M. Halterman, M.J. Johnson, J.A. Holmes, and S.A. Laymon. Sacramento, California: USFWS. April 2015. https://www.fws.gov/southwest/es/Documents/R2ES/YBCU_SurveyProtocol_FINAL_DRAFT_22Apr2015.pdf

USFWS. May 31, 2015. *Survey Guidelines for Listed Large Branchiopods.*

12 SUPPORTING APPENDICES

Appendix A – *Biological Resources Assessment, Jurisdictional Delineation*, Jericho Systems, October 2020
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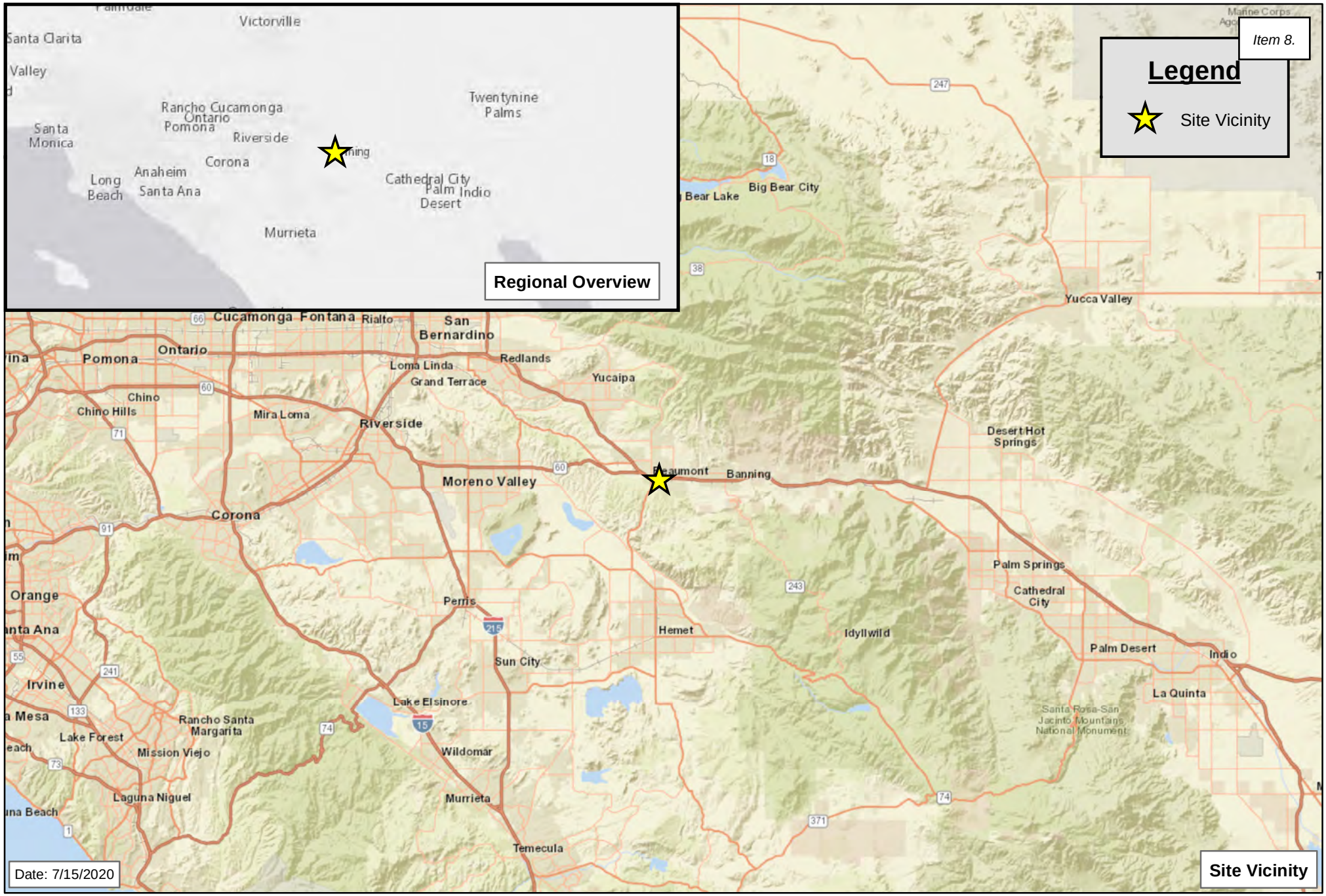


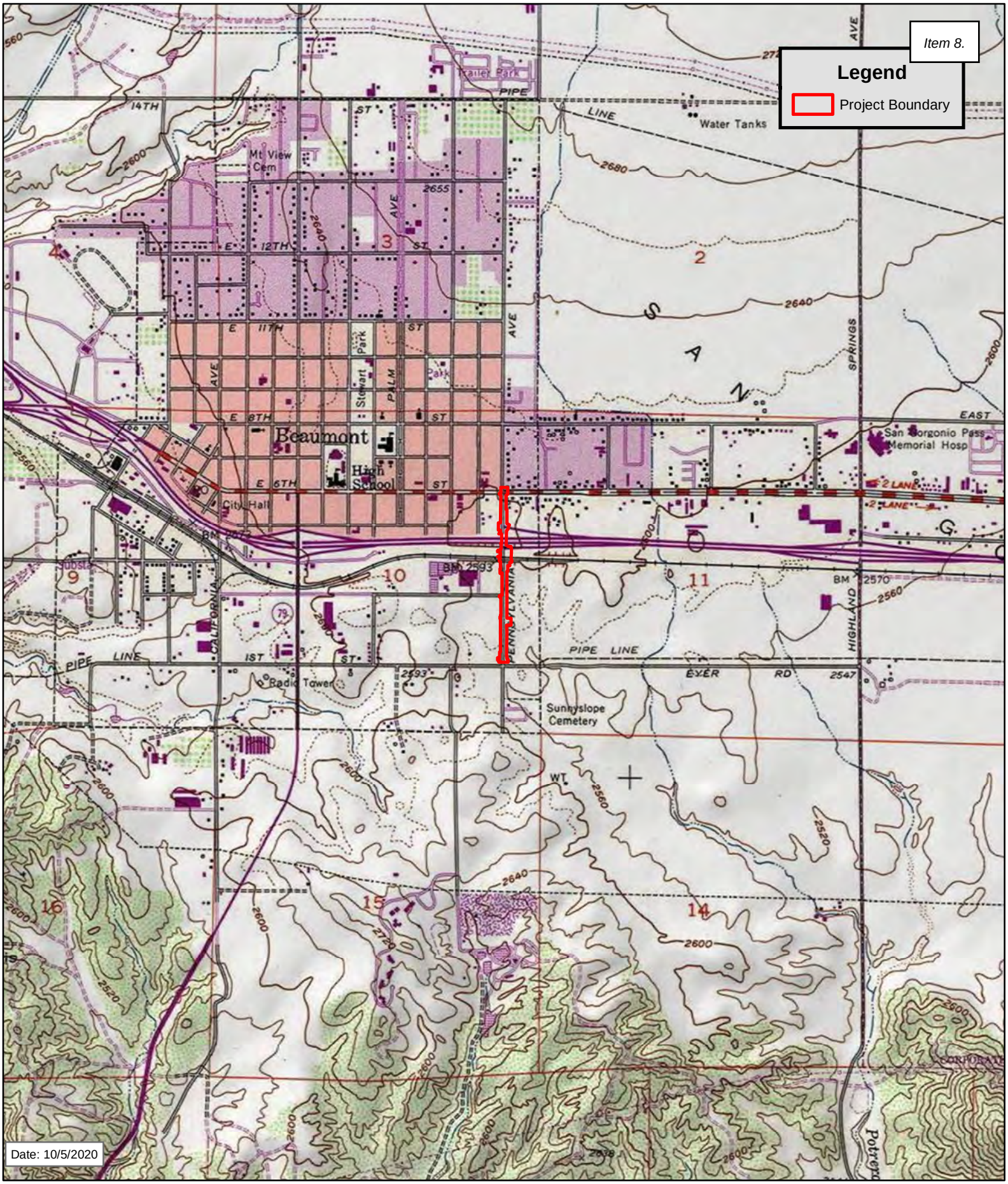
0 5 10 20 30 40 Miles

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

ÉRICHO SYSTEMS INC.
Progress & Preservation

Figure 1 - Regional Overview Site Vicinity

Pennsylvania Avenue Widening Proje
City of Beaumont



0 0.125 0.25 0.5 0.75 1 Miles

Imagery Date: 8/6/2017

Service Layer Credits: Copyright:© 2013 National Geographic Society, i-cubed

1 inch = 2,000 feet

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Progress & Preservation

Figure 2
Project Location - Topographic View

Pennsylvania Avenue Widening
City of Beaumont

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Figure 3
Project Location - Aerial View

Pennsylvania Avenue Widening
City of Beaumont

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

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Figure 4
Riverside MSHCP Species Survey Areas

Pennsylvania Avenue Widenin
City of Beaumont

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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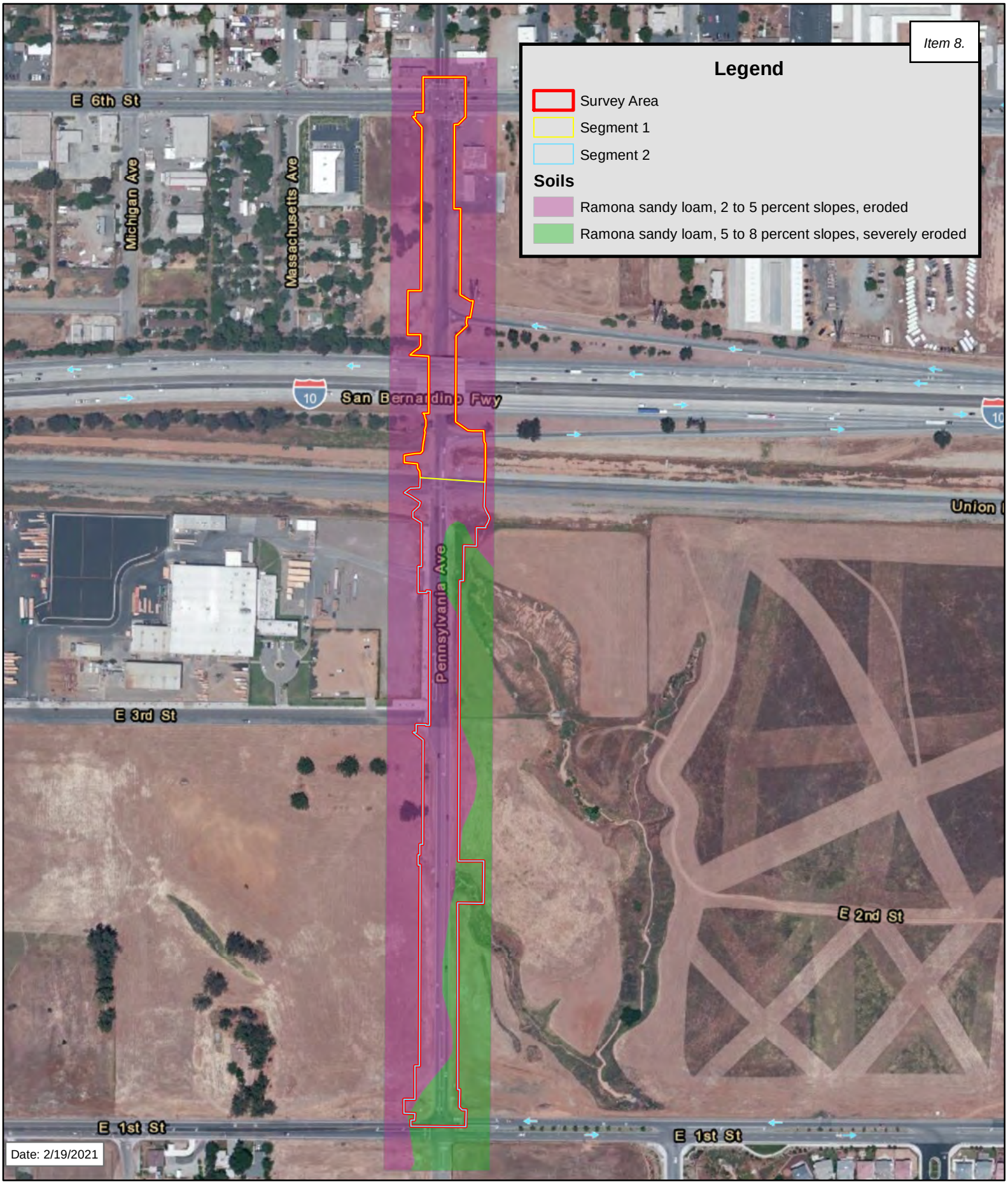
Figure 5
Site Plan

Pennsylvania Avenue Widening
City of Beaumont



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Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Figure 6
Soils

Pennsylvania Avenue Widenin
City of Beaumont

0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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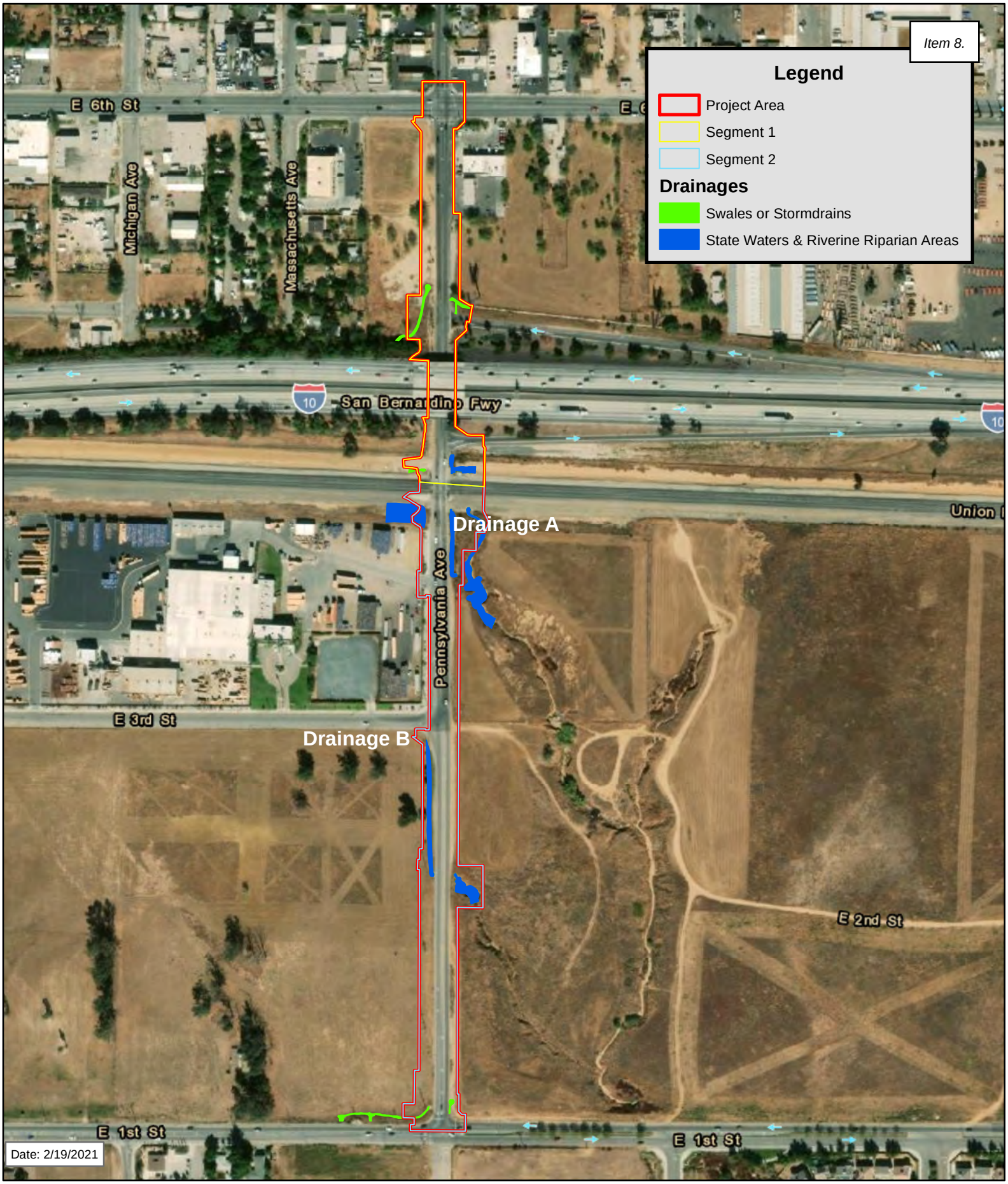
Figure 7
RCA MSHCP 2012 Vegetation Data

Pennsylvania Avenue Widenin
City of Beaumont



0 0.02 0.04 0.08 0.12 0.16 Miles

Imagery Date: 10/20/2019

1 inch = 333 feet

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors
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ÉRICHO SYSTEMS INC.
Progress & Preservation

Figure 8
Drainages

Pennsylvania Avenue Widenin
City of Beaumont

Appendix A -
Biological Resources Assessment, Jurisdictional Delineation, Jericho Systems, October 2020 (See above - Presented 1st in this IS/MND)

Appendix D

Phase I Historical/Archaeological Resources Survey and Addendum to Phase I Historical/Archaeological Resources Survey

PHASE I HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY

PENNSYLVANIA AVENUE WIDENING PROJECT

City of Beaumont
Riverside County, California

For Submittal to:

City of Beaumont
550 East 6th Street
Beaumont, CA 92223

Prepared for:

Moffatt & Nichol
3780 Kilroy Airport Way, Suite 600
Long Beach, CA 90806

Prepared by:

CRM TECH
1016 East Cooley Drive, Suite A/B
Colton, CA 92324

Bai "Tom" Tang, Principal Investigator
Michael Hogan, Principal Investigator

October 26, 2018
CRM TECH Contract No. 3365

Title: Phase I Historical/Archaeological Resources Survey: Pennsylvania Avenue Widening Project, City of Beaumont, Riverside County, California

Author(s): Bai "Tom" Tang, Principal Investigator
Michael Hogan, Principal Investigator
Terri Jacquemain, Historian/Report Writer
Daniel Ballester, Archaeologist/Field Director
Nina Gallardo, Archaeologist/Native American Liaison

Consulting Firm: CRM TECH
1016 East Cooley Drive, Suite A/B
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(909) 824-6400

Date: October 26, 2018

For Submittal to: City of Beaumont
550 East 6th Street
Beaumont, CA 92223
(951) 769-8518

Prepared for: Stephanie S. Oslick
Moffatt & Nichol
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Long Beach, CA 90806
(562) 426-9551

USGS Quadrangle: Beaumont, Calif., 7.5' quadrangle; Section 10, T3S R1W, San Bernardino Baseline and Meridian

Project Size: Approximately 2,800 linear feet (8.5 acres)

Keywords: San Gorgonio Pass area; former Southern Pacific Railroad (Site 33-009498/CA-RIV-6381H); Southern California Edison power transmission line (Site 33-023484); no "historical resources" under CEQA

MANAGEMENT SUMMARY

Between June and September 2018, CRM TECH performed a cultural resources study for the Pennsylvania Avenue Street Widening Project in the City of Beaumont, Riverside County, California. The project area lies mostly within the existing right-of-way of Pennsylvania Avenue between First Street and Sixth Street, but also includes narrow strips of land on the edges of adjacent parcels where right-of-way acquisition will be necessary. It measures approximately 2,800 linear feet in length and up to 185 feet in width, encompassing roughly 8.5 acres, and is located in the east half of Section 10, T3S R1W, San Bernardino Baseline and Meridian.

The study is a part of the environmental review process for the project, which entails primarily widening the roadway in the project area from two to four lanes and associated improvements such as curbs, sidewalks, drains, and signage/signal modifications. The City of Beaumont, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA). The purpose of the study is to provide the City with the necessary information and analysis to determine whether the proposed project would cause substantial adverse changes to any "historical resources," as defined by CEQA, that may exist in or around the project area.

In order to identify such resources, CRM TECH conducted a historical/archaeological resources records search, pursued historical background research, contacted Native American representatives, and carried out an intensive-level field survey of the entire project area. The results of these research procedures indicate that the only features of prehistoric or historical origin within or partially within the project area are the various infrastructure elements that remain in use today, such as Pennsylvania Avenue, First Street, Third Street, Sixth Street, the former Southern Pacific (now Union Pacific) Railroad, and a Southern California Edison power transmission line. As the result of extensive modern alterations, none of them demonstrates any particularly historical characteristics in their current configuration. Therefore, none of them constitutes a potential "historical resource" that warrants formal evaluation in its right.

Two of these features, the former Southern Pacific Railroad and the power transmission line, were previously recorded as parts of Site 33-009498 and Site 33-023484, respectively. However, Site 33-023484 was determined not to be eligible for listing in the California Register of Historical Resources, as were various segments of the Southern Pacific Railroad in similar conditions. At the locations where they cross the project area, both of them are essentially modern in appearance, and neither retains any distinctly historical characteristics to contribute to the potential significance or integrity of the sites at large. As such, they require no further consideration under CEQA.

Based on these findings, CRM TECH recommends to the City of Beaumont a conclusion of *No Impact* on cultural resources, pending the completion of Native American consultation process by the City pursuant to Assembly Bill 52 to ensure the proper identification of potential "tribal cultural resources." No further cultural resources investigation is recommended for the project unless construction plans undergo such changes as to include areas not covered by this study. However, if buried cultural materials are encountered inadvertently during any earth-moving operations associated with the project, all work within 50 feet of the discovery should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds. Human remains discovered during the project will need to be treated in accordance with the provisions of HSC §7050.5 and PRC §5097.98.

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INTRODUCTION

Between June and September 2018, CRM TECH performed a cultural resources study for the Pennsylvania Avenue Street Widening Project in the City of Beaumont, Riverside County, California (Fig. 1). The project area lies mostly within the existing right-of-way of Pennsylvania Avenue between First Street and Sixth Street, but also includes narrow strips of land on the edges of adjacent parcels where right-of-way acquisition will be necessary. It measures approximately 2,800 linear feet in length and up to 185 feet in width, encompassing roughly 8.5 acres, and is located in the east half of Section 10, T3S R1W, San Bernardino Baseline and Meridian (Figs. 2, 3).

The study is a part of the environmental review process for the project, which entails primarily widening the roadway in the project area from two to four lanes and associated improvements such as curbs, sidewalks, drains, and signage/signal modifications. The City of Beaumont, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA; PRC §21000, et seq.).

The purpose of the study is to provide the City with the necessary information and analysis to determine whether the proposed project would cause substantial adverse changes to any "historical resources," as defined by CEQA, that may exist in or around the project area. The following report is a complete account of the methods, results, and final conclusion of the study. Personnel who participated in the study are named in the appropriate sections below, and their qualifications are provided in Appendix 1.

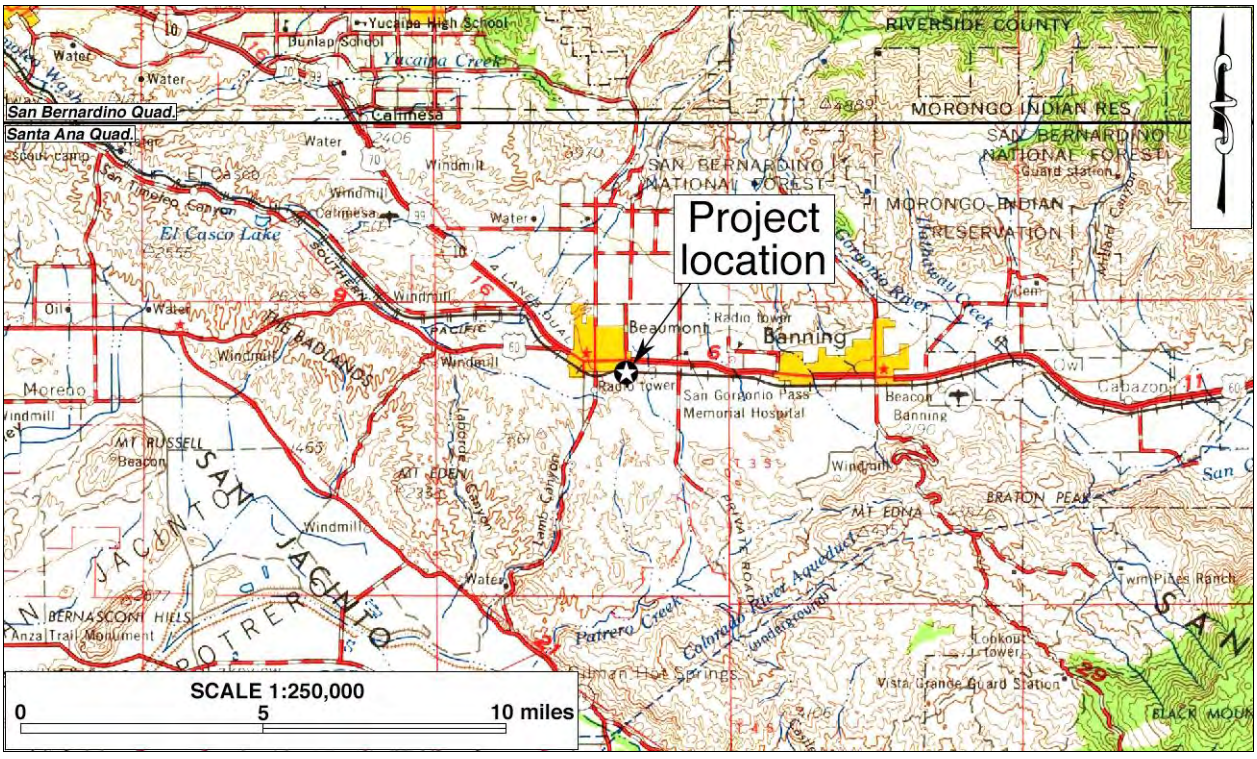

Figure 1. Project vicinity. (Based on USGS San Bernardino and Santa Ana, Calif., 1:250,000 quadrangles [USGS 1969; 1979])

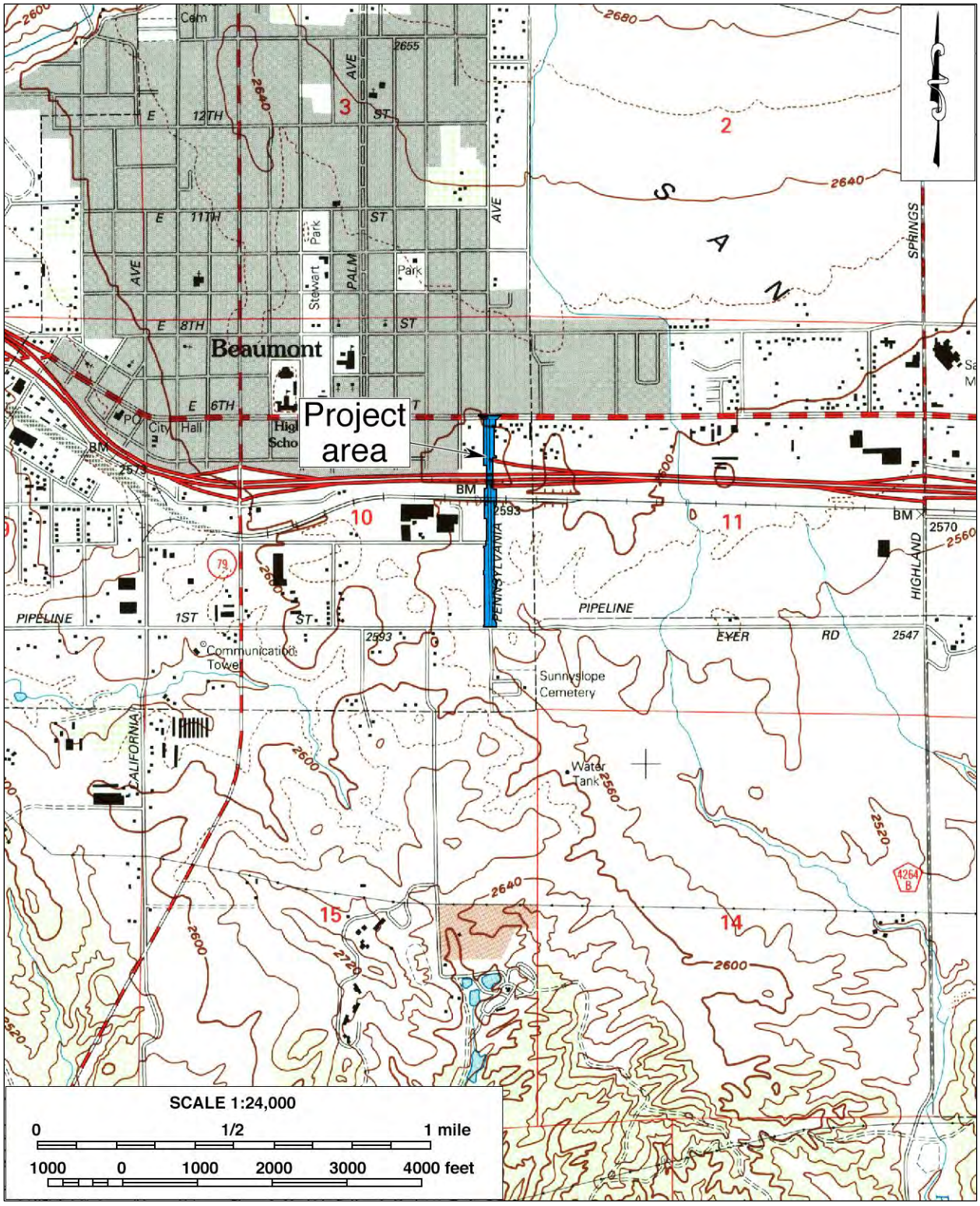

Figure 2. Project area. (Based on the USGS Beaumont, Calif., 1:24,000 quadrangle [USGS 1996])

Figure 3. Aerial view of the project area.

SETTING

CURRENT NATURAL SETTING

The City of Beaumont is situated on the western end of the San Gorgonio Pass, an east-west-trending corridor between the San Bernardino Mountains on the north and the San Jacinto Mountains on the south. The mountain pass is an important connection between coastal southern California and the Colorado Desert, with Interstate Highway 10 (I-10) and the Union Pacific (formerly Southern Pacific) Railroad serving as the main transportation arteries through the pass today. The project area lies on the southeastern edge of the historic downtown area of the city, along one of its main north-south venues.

In the project area, Pennsylvania Avenue presents an overall rural appearance as a two-lane asphalt road with dirt or gravel shoulders, few curbs, and sporadic lighting. From the northern end at the intersection with Sixth Street, the road alignment crosses under the I-10 freeway about 675 feet to the south and then the Union Pacific Railroad at grade some 150 feet further south before extending another 1, 975 feet to First Street. Despite the numeric sequence, no other streets cross the project area, though Third Street dead-ends at Pennsylvania Avenue from the west. A corner market and a self-service carwash are located on adjacent properties to the east at the intersection with Sixth Street (Fig. 4). South of I-10 and the railroad tracks, a palette and truck trailer storage facility is located on the west side of the road (Fig. 5). All other adjacent parcels are currently undeveloped.

The terrain in the project area is generally level, with elevations between 2,575 and 2,610 feet above mean sea level, inclining slightly to the north. The ground surface in the entire project area has been greatly disturbed by past road, rail, and building construction activities. Soils in the vicinity consists of medium-yellowish brown sandy silt mixed with some rocks. Vegetation is sparse within the public rights-of-way but becomes denser on open fields nearby, and include foxtails, tumbleweeds, wild mustard, datura, and other common grasses and shrubs.

Figure 4. The project area north of the I-10 freeway, view to the south from Sixth Street. (Photograph taken on August 13, 2018)

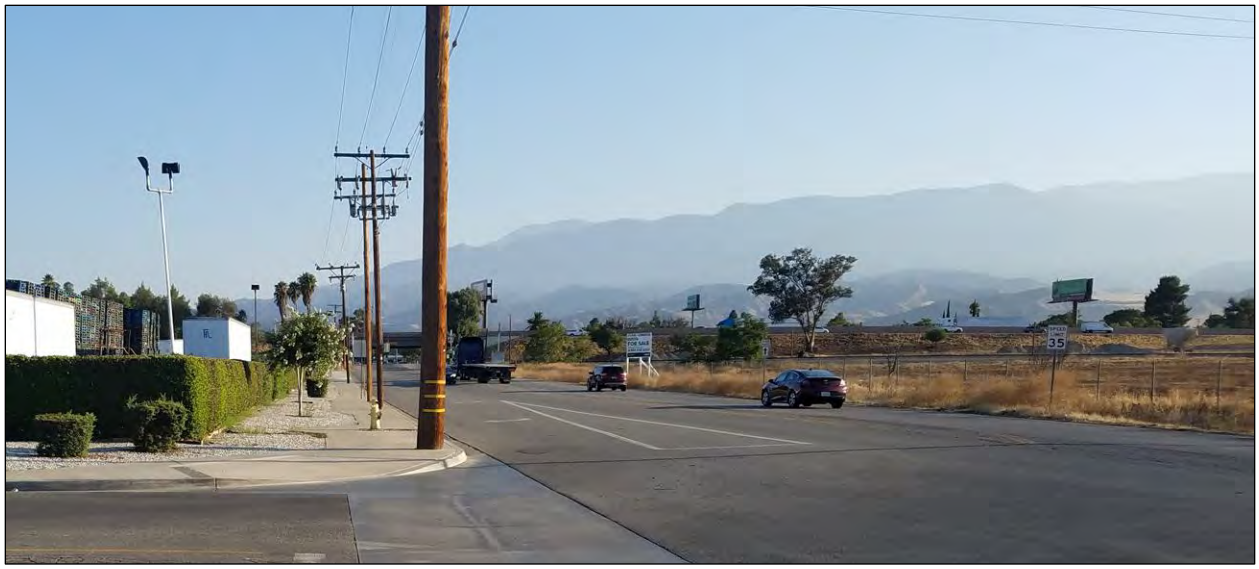

Figure 5. The project area south of the I-10 freeway, view to the north from Third Street. (Photograph taken on August 13, 2018)

CULTURAL SETTING

Prehistoric Context

The earliest evidence of human occupation in western Riverside County was discovered below the surface of an alluvial fan in the northern portion of the Lakeview Mountains, overlooking the San Jacinto Valley, with radiocarbon dates clustering around 9,500 B.P. (Horne and McDougall 2008). Another site found near the shoreline of Lake Elsinore, close to the confluence of Temescal Wash and the San Jacinto River, yielded radiocarbon dates between 8,000 and 9,000 B.P. (Grenda 1997). Additional sites with isolated Archaic dart points, bifaces, and other associated lithic artifacts from the same age range have been found in the nearby Cajon Pass area of San Bernardino County, typically atop knolls with good viewsheds (Basgall and True 1985; Goodman and McDonald 2001; Goodman 2002; Milburn et al. 2008).

The cultural prehistory of southern California has been summarized into numerous chronologies, including those developed by Chartkoff and Chartkoff (1984), Warren (1984), and others. Specifically, the prehistory of Riverside County has been addressed by O'Connell et al. (1974), McDonald et al. (1987), Keller and McCarthy (1989), Grenda (1993), Goldberg (2001), and Horne and McDougall (2008). Although the beginning and ending dates of different cultural horizons vary regionally, the general framework of the prehistory of western Riverside County can be broken into three primary periods:

- Paleoindian Period (ca. 18,000-9,000 B.P.): Native peoples of this period created fluted spearhead bases designed to be hafted to wooden shafts. The distinctive method of thinning bifaces and spearhead preforms by removing long, linear flakes leaves diagnostic Paleoindian markers at tool-making sites. Other artifacts associated with the Paleoindian toolkit include choppers, cutting tools, retouched flakes, and perforators. Sites from this period are very sparse across the landscape and most are deeply buried.

- Archaic Period (ca. 9,000-1,500 B.P.): Archaic sites are characterized by abundant lithic scatters of considerable size with many biface thinning flakes, bifacial preforms broken during manufacture, and well-made groundstone bowls and basin metates. As a consequence of making dart points, many biface thinning waste flakes were generated at individual production stations, which is a diagnostic feature of Archaic sites.
- Late Prehistoric Period (ca. 1,500 B.P.-contact): Sites from this period typically contain small lithic scatters from the manufacture of small arrow points, expedient groundstone tools such as tabular metates and unshaped manos, wooden mortars with stone pestles, acorn or mesquite bean granaries, ceramic vessels, shell beads suggestive of extensive trading networks, and steatite implements such as pipes and arrow shaft straighteners.

Ethnohistoric Context

The San Gorgonio Pass area has long been a part of the traditional homeland of the Cahuilla Indians, a Takic-speaking people who were primarily hunters and gatherers prior to European contact. One of the three subgroups of the Cahuilla, the Pass Cahuilla, was so named by anthropologists because of their roots in the San Gorgonio Pass area. Cahuilla territory was generally bounded on the east by the Orocopia Mountains; on the north by the San Bernardino Mountains; on the west by the Santa Ana River, the San Jacinto Plain, and the eastern slope of the Palomar Mountains; and on the south by Borrego Springs and the Chocolate Mountains (Bean 1978).

The geographic diversity of their territory provided the Cahuilla with a variety of foods. It has been estimated that the Cahuilla exploited more than 500 native and non-native plants (Bean and Saubel 1972). Acorns, mesquite, screw beans, piñon nuts, and various types of cacti were used. A variety of seeds, wild fruits and berries, tubers, roots, and greens were also a part of the Cahuilla diet. A marginal agricultural existence provided corn, beans, squashes, and melons. Rabbits and small animals were hunted to supplement the diet. During high stands of Ancient Lake Cahuilla, fish, migratory birds, and marshland vegetation were also taken for sustenance and utilitarian purposes (Bean 1978).

Structures in permanent villages ranged from small brush shelters to dome-shaped or rectangular dwellings. Villages were situated near water sources, in the canyons near springs or on alluvial fans at walk-in wells (Bean 1972). Mortuary practices entailed cremation of the dead. Upon a person's death, the body was bound or put inside a net and then taken to a place where the body would be cremated. Secondary internments also occurred. A mourning ceremony took place about a year after the death. During this ceremony, an image of the deceased would be burned along with other goods (Strong 1929; Lando and Modesto 1977).

Pre-contact Cahuilla population has been estimated to have been as low as 2,500 or as high as 10,000. At the time of first contact with Europeans, around 1774, the Cahuilla numbered approximately 6,000. Although they were the first to come into contact with the Cahuilla, the Spanish missionaries and explorers had little influence over the native lifeways in this remote, arid desert region. Some of the Cahuilla who lived in the plains and valleys west of the desert and the mountains, however, were missionized through an *asistencia* located near present-day San Bernardino.

Cahuilla political, economic, and religious autonomy was maintained until 1877, when the United States government began to establish Indian reservations in the region. Protestant missionaries came into the area to convert and "civilize" the Native Americans. During this era, traditional cultural practices, such as cremation of the dead, were prohibited. Today, the Cahuilla reside on a number of reservations in southern California, located from Banning in the north to Warner Springs in the south and from Hemet in the west to Thermal in the east (Bean 1978).

Historic Context

Dating back to ancient times, the San Gorgonio Pass area has always been known as a nexus for cross-desert travels. Most notable among early roads through the pass was the Cocomaricopa Trail, a Native American trading route connecting the coastal region of California to areas along the Colorado River. In 1862, the Cocomaricopa Trail was "discovered" by William David Bradshaw, and became known as the Bradshaw Trail (Ross 1992:25). For the next decade and a half, it served as the main thoroughfare between the Los Angeles area and gold mines near present-day Ehrenberg, Arizona, until the completion of the Southern Pacific Railroad (SPRR) in 1876-1877 brought an end to its heyday (Johnston 1987:185).

During much of the Spanish and Mexican periods in California history, the San Gorgonio Pass area was generally considered a part of Rancho San Gorgonio, the most remote of the 24 principal cattle ranches under the control of Mission San Gabriel (Gunther 1984:458). In 1843, during secularization of the mission system, the Mexican authorities awarded the area to James "Santiago" Johnson, a naturalized Briton, as a part of the 4,400-acre San Jacinto y San Gorgonio land grant, also known as the Tract between San Jacinto and San Gorgonio (*ibid.*:471). The Beaumont area was not included in this or any other land grants, and thus remained public land when Alta California was annexed by the United States in 1848.

Settlement and land development commenced in earnest in the 1880s, after the completion of the SPRR and the competing Santa Fe Railway ushered in a phenomenal land boom in southern California. In 1884, at the height of the land boom, George C. Egan established a 320-acre townsite in what is now Beaumont and named it San Gorgonio. Two years later, the town received its present name after the Southern California Investment Company, headed by H.C. Sigler from Beaumont, Texas, purchased Egan's holdings (Gunther 1984:457). Beaumont was incorporated as a city in 1912 but retained much of its rural character until the onset of the current wave of residential and commercial development in the late 20th century.

RESEARCH METHODS

RECORDS SEARCH

On August 1, 2018, CRM TECH archaeologist Nina Gallardo completed the records search at the Eastern Information Center (EIC), University of California, Riverside, which is the State of California's official repository of cultural resource records for the County of Riverside. During the records search, Gallardo examined maps and records on file at the EIC for previously identified cultural resources in or near the project area and existing cultural resources reports pertaining to the project vicinity. Previously identified cultural resources include properties designated as California

Historical Landmarks, Points of Historical Interest, or Riverside County Historical Landmarks, as well as those listed in the National Register of Historic Places, the California Register of Historical Resources, or the California Historical Resources Inventory.

NATIVE AMERICAN PARTICIPATION

On July 27, 2018, CRM TECH submitted a written request to the State of California Native American Heritage Commission (NAHC) for a records search in the commission's Sacred Lands File. On August 8, CRM TECH notified the nearby Morongo Band of Mission Indians of the upcoming archaeological fieldwork and invited tribal participation. Following the NAHC's recommendations and previously established consultation protocol, CRM TECH further contacted a total of 12 Native American representatives in the region in writing on August 14 for additional information on potential Native American cultural resources in the project vicinity. The correspondence between CRM TECH and the Native American representatives is attached to this report as Appendix 2.

HISTORICAL BACKGROUND RESEARCH

Historical background research for this study was conducted by CRM TECH historian Terri Jacquemain. Sources consulted during the research included published literature in local and regional history, building safety records of the City of Beaumont, U.S. General Land Office (GLO) land survey plat maps dated 1880, United States Geological Survey (USGS) topographic maps dated 1901-1996, and aerial photographs taken in 1966-2018. The historic maps are collected at the Science Library of the University of California, Riverside, and the California Desert District of the U.S. Bureau of Land Management, located in Moreno Valley. The aerial photographs are available at the Nationwide Environmental Title Research (NETR) Online website and through the Google Earth software.

FIELD SURVEY

On August 13, 2018, CRM TECH archaeologist Daniel Ballester carried out the intensive-level field survey of the project area with the assistance of Alicia Benally, Cultural Resource Specialist for the Morongo Band of Mission Indians. The survey was completed by walking two parallel transects spaced roughly two to three meters (6.6 to 10 feet) apart along each side of the existing roadway. In this way, the ground surface of the project area was systematically and carefully examined for any evidence of human activities dating to the prehistoric or historic period (i.e., 50 years or older). Except for road pavement, visibility of the native ground surface ranged from fair to good (60-80%), depending on the density of the vegetation or the presence or absence of imported gravel. Given the extensively disturbed condition of the surface soils, the ground visibility was deemed adequate for this survey.

RESULTS AND FINDINGS

RECORDS SEARCH

According to EIC records, the project area had not been surveyed systematically for cultural resources prior to this study, although a 1988 linear survey for fiberoptic cable project followed the

Union Pacific Railroad alignment across the project area (#2350 in Fig. 6) and two other linear surveys completed in 2013 and 2015 covered a power transmission line corridor along First Street (#9167 and #9385 in Fig. 6). Outside the project area but within a one-mile radius, EIC records show roughly 40 additional studies on various tracts of land and linear features, which collectively covered about a third of the land within the scope of the records search.

As a result of these and other similar studies, 150 historical/archaeological sites have been recorded within the one-mile radius. Only one of the 150 sites was of prehistoric—i.e., Native American—origin, consisting of a small lithic scatter (33-004038) recorded about a half-mile south of First Street. All of the other sites dated to the historic period. Among these, two were linear features recorded as lying across the project area, namely the Southern Pacific Railroad (33-009498/CA-RIV-6381H) and the power transmission line along First Street (33-023484).

Site 33-009498 represents the segment of the former SPRR Los Angeles to Yuma Mainline in Riverside County. As mentioned above, the rail line was completed across the San Gorgonio Pass area in 1876-1877, and it remains in service today as a part of the Union Pacific Railroad system. Like many other long linear resources, multiple non-contiguous segments of the railroad were individually recorded, and the entire route from Los Angeles to the Arizona border was recorded into the California Historical Resources Inventory in 1999 (Ashkar 1999). Site 33-023484, the power line across the southern end of the project area, is a part of Southern California Edison's (SCE) transmission and distribution network, and the poles recorded within the site, which extends from the Redlands area to Beaumont and Banning, dated from as early as 1929 to as late as 2011 (McLean et al. 2013:170).

Through past studies, the overall historic significance of the SPRR mainline has been well established, but the various segments evaluated individually were often found not to be eligible for the National Register of Historic Places or the California Register of Historical Resources because of the loss of historic integrity resulting from replacement and upgrading of original components and drastic changes in the surrounding cultural landscape, among other considerations (e.g., Taniguchi 2005:4-9). For similar reasons, Site 33-023484, the SCE power transmission line, was previously determined not to be eligible for the National Register or the California Register during the 2013 study noted above (McLean et al. 2013:185, 216).

The remaining 147 sites recorded within the scope of the records search were predominantly buildings in the downtown Beaumont area, numbering 143 in total. Also recorded within the scope were another power transmission line along State Route 79 (Beaumont Avenue), a wagon trail, a structural foundation, and a small segment of First Street where it crosses State Route 79, approximately 0.6 mile west of the project area. None of these 147 sites was found in the immediate vicinity of the project area, and thus they require no further consideration during this study.

NATIVE AMERICAN PARTICIPATION

In response to CRM TECH's inquiry, the NAHC reported that the Sacred Lands File identified no Native American cultural resources within the project area but recommended that local Native American groups be contacted for further information. For that purpose, the NAHC provided a list of potential contacts in the region (see App. 2). Upon receiving the NAHC's reply, CRM TECH

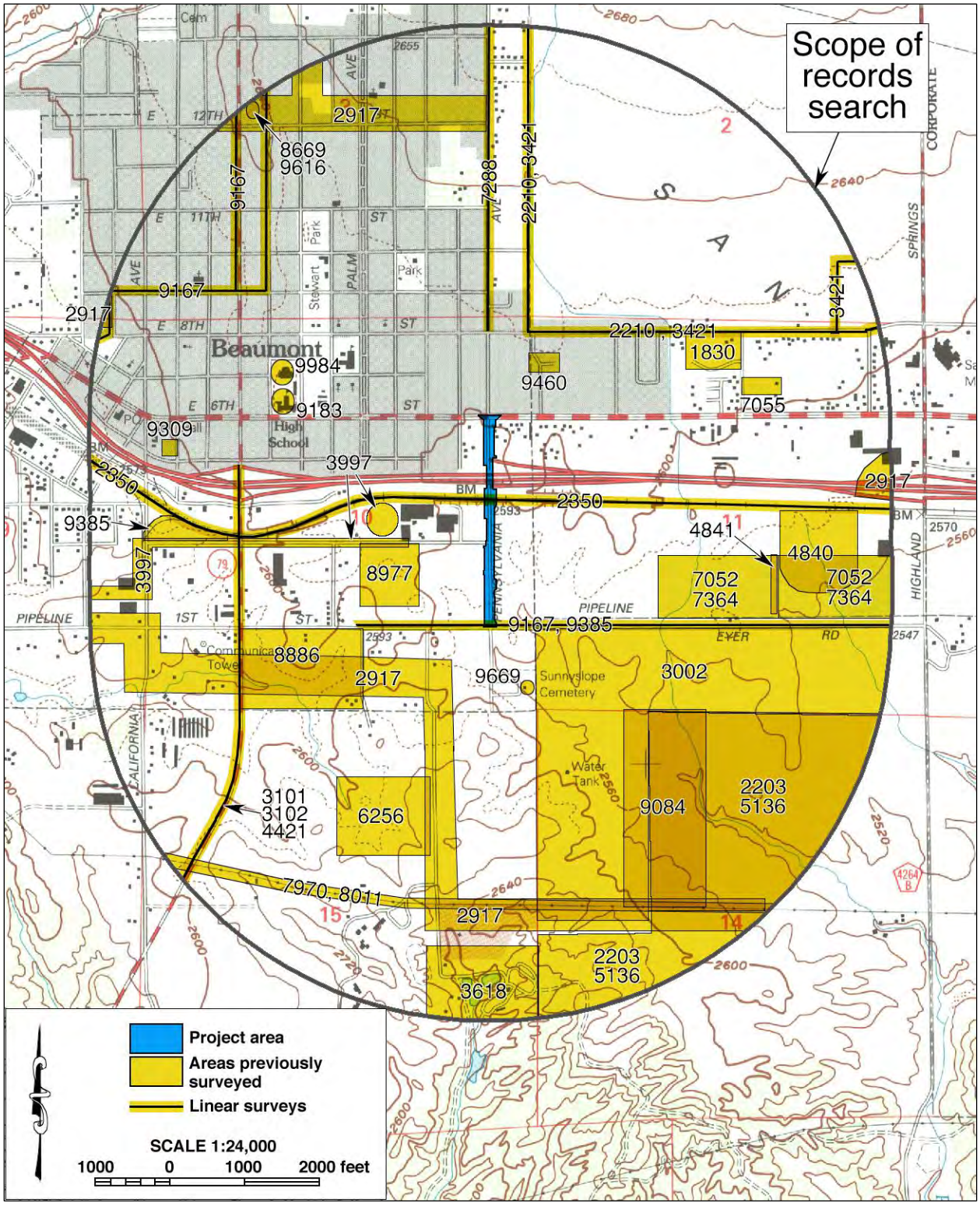

Figure 6. Previous cultural resources studies in the vicinity of the project area, listed by EIC file number. Locations of historical/archaeological sites are not shown as a protective measure.

sent written requests for comments to all 12 tribes of Cahuilla and/or Serrano heritage on the referral list (see App. 2). For some of the tribes, CRM TECH contacted the designated spokespersons on cultural resources issues, as directed previously by tribal government staff, in lieu of the individuals recommended by the NAHC. The 12 tribal representatives contacted are as follows:

- Patricia Garcia-Plotkin, Tribal Historic Preservation Officer, Agua Caliente Band of Cahuilla Indians;
- Amanda Vance, Chairperson, Augustine Band of Cahuilla Mission Indians;
- Judy Stapp, Director of Cultural Affairs, Cabazon Band of Mission Indians;
- Bobby Ray Esparza, Cultural Coordinator, Cahuilla Band of Indians;
- Shane Chapparosa, Chairman, Los Coyotes Band of Cahuilla and Cupeño Indians;
- Alicia Benally, Cultural Resource Specialist, Morongo Band of Mission Indians;
- John Gomez, Cultural Resource Coordinator, Ramona Band of Cahuilla Indians;
- Jessica Mauck, Cultural Resources Analyst, San Manuel Band of Mission Indians;
- Gabriella Rubalcava, Environmental Director, Santa Rosa Band of Cahuilla Indians;
- Mark Cochrane, Chairperson, Serrano Nation of Indians;
- Joseph Ontiveros, Tribal Historic Preservation Officer, Soboba Band of Luiseño Indians;
- Michael Mirelez, Cultural Resources Coordinator, Torres Martinez Desert Cahuilla Indians.

As of this time, five of the tribes have responded to the inquiry in writing, and none of them expressed any specific concerns over the proposed project (see App. 2). Judy Stapp of the Cabazon Band stated that the tribe had no information on any sites of Native American traditional cultural value in the project area. Jessica Mauck of the San Manuel Band declined further participation in the consultation regarding this project since the project location is outside the tribe's ancestral territory. Bobby Ray Esparza of the Cahuilla Band asked to be updated on future progress of the project. Katie Croft, Cultural Resources Manager for the Agua Caliente Band of Cahuilla Indians, deferred to the Morongo Band of Mission Indians for this project. The Morongo Tribal Historic Preservation Office requested to review this report upon completion.

HISTORICAL BACKGROUND RESEARCH

Historic sources consulted for this study suggest that development in the project vicinity in historic times followed a typical pattern for rural towns and communities established along railroad routes across southern California (Figs. 7-10). In the late 1870s, the only man-made features reported in the project vicinity were the SPRR and a few trails (Fig. 7). As mentioned above, the town of Beaumont, initially known as San Gorgonio, was established by George C. Egan in 1884 (Gunther 1984:457). As of the 1890s, however, the road grid of the townsite did not include the project area (Fig. 8).

Three of the roads in existence along the project alignment today, Pennsylvania Avenue, First Street and Sixth Street, came into being between 1897-1898 and 1939-1941, followed by Third Street during the 1940s or the early 1950s (Figs. 9, 10). Prior to the completion of the I-10 freeway in the 1960s, Sixth Street served as a part of U.S. Route 60/70, the original Ocean-to-Ocean Highway from southern California to Virginia and North Carolina. By the early 1950s, the first buildings known to be along the project alignment had also appeared on the east side of Pennsylvania Avenue between Sixth Street and the SPRR, numbering at least four (Fig. 10).

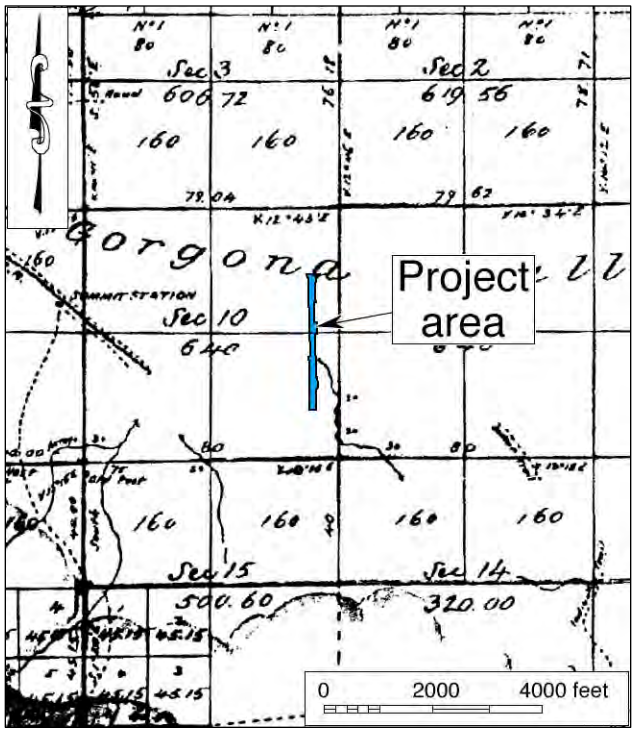

Figure 7. The project area and vicinity in 1876-1880. (Source: GLO 1880)

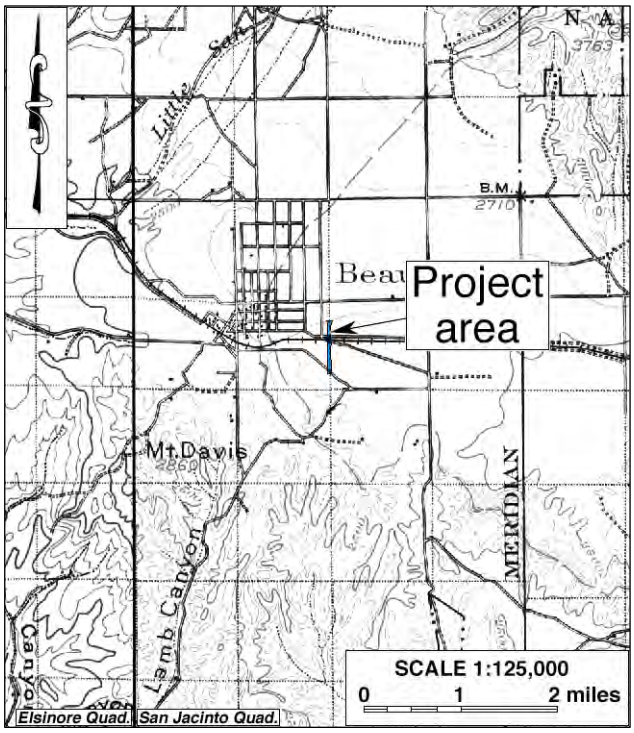

Figure 8. The project area and vicinity in 1897-1898. (Source: USGS 1901)

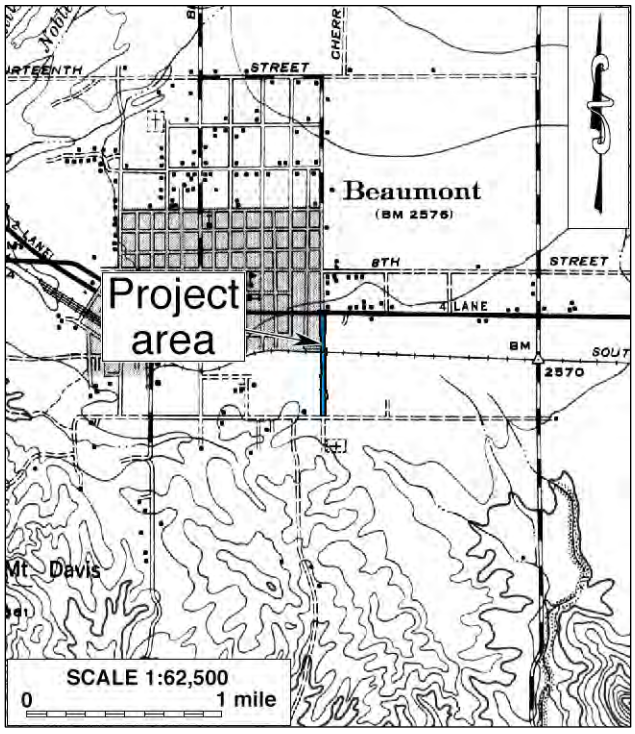

Figure 9. The project area and vicinity in 1939-1941. (Source: USGS 1942)

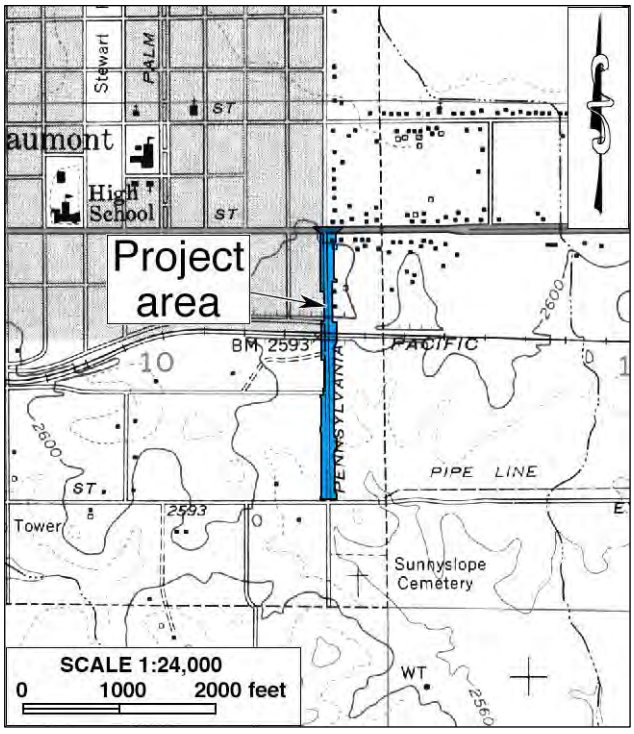

Figure 10. The project area and vicinity in 1949-1953. (Source: USGS 1953)

By 1966, all four buildings noted in the 1950s had been removed, two of them evidently to make way for the construction of I-10 (NETR Online 1966). Meanwhile, the car wash extant today at 560 Pennsylvania Avenue, just outside the project boundaries, was built in 1965 (*ibid.*; City of Beaumont 1965). The corner market to the north of the carwash, at 1201 East Sixth Street and also outside of the project boundaries, was constructed around 1972 (NETR Online 1967; 1972; City of Beaumont 1972). Elsewhere in the project vicinity, the commercial storage facility south of the freeway was developed gradually over the years, beginning sometime between 1967 and 1972, while the rest of the land along the project alignment evidently remained undeveloped to the present time (NETR Online 1967-2012; Google Earth 1996-2018).

FIELD SURVEY

During the field survey, the SPRR (33-009498) and the SCE power transmission line (33-023484) were observed at their recorded locations. As stated above, the former SPRR line at this location remains in daily use as a part of the Union Pacific Railroad system, mainly for freight transportation. As a result of repeated upgrading and constant maintenance over the years, the existing railroad is completely modern in appearance. The primary features of the site in the project area are two sets of standard railroad tracks on concrete ties and a crushed rock ballast, except where the rails are embedded in road pavement (Fig. 11). Associated features in the project area include a metal utility cabinet and a pair of pole-mounted crossing signals.

The SCE power transmission line runs along the north side of First Street to the west of Pennsylvania Avenue and the south side of First Street to the east, merging briefly with a north-south transmission line along Pennsylvania Avenue for the transition at the intersection (Fig. 11). When first recorded in 2013, it was noted that Site 33-023484 "represents standard equipment and has been repeatedly modified" (McLean et al. 2013:216). Field observations during this study confirmed that the transmission line at this location was modern in appearance, material, and design. Only one power pole associated with the site is located within the project boundaries, and the current construction plans indicate that it will be protected in place and will not receive any direct impacts from the project.

No structural remains or historic-period artifacts were found in the vicinity of the buildings that once stood near the project area in the 1950s (Fig. 10). Some scattered refuse was observed along either

Figure 11. Current condition of Site 33-009498, the former SPRR (*left*, view to the east), and Site 33-023484, the SCE power transmission line (*right*, view to the west). (Photographs taken on August 14, 2018)

side of Pennsylvania Avenue, but all of the materials are clearly modern in origin and none of them retains any historical/archaeological interest. The only other features encountered within or partially within the project area that are more than 50 years of age were the existing roadways, namely Pennsylvania Avenue, First Street, Third Street, and Sixth Street, all of them dating originally to the early or mid-20th century (Figs. 9, 10). Like the former SPRR and the SCE power transmission line, the current configuration and appearance of these features reflect many years of gradual alterations during the modern era and are no longer historical in character. As working components of the modern infrastructure, they are not considered potential "historical resources" that require further study or formal recordation.

DISCUSSION

The purpose of this study is to identify any cultural resources in the project area, and to assist the City of Beaumont in determining whether such resources meet the definition of "historical resources," as provided in the California Public Resources Code. According to PRC §5020.1(j), "'historical resource' includes, but is not limited to, any object, building, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California."

More specifically, CEQA guidelines state that the term "historical resources" applies to any such resources listed in or determined to be eligible for listing in the California Register of Historical Resources, included in a local register of historical resources, or determined to be historically significant by the Lead Agency (Title 14 CCR §15064.5(a)(1)-(3)). Regarding the proper criteria of historical significance, CEQA guidelines mandate that "generally a resource shall be considered by the lead agency to be 'historically significant' if the resource meets the criteria for listing on the California Register of Historical Resources" (Title 14 CCR §15064.5(a)(3)). A resource may be listed in the California Register if it meets any of the following criteria:

(1) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
(2) Is associated with the lives of persons important in our past.
(3) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
(4) Has yielded, or may be likely to yield, information important in prehistory or history. (PRC §5024.1(c))

As discussed above, the only features of prehistoric or historical origin in existence within or partially within the project area are the various infrastructure elements that remain in use today, such as Pennsylvania Avenue, First Street, Third Street, Sixth Street, the former Southern Pacific Railroad, and the Southern California Edison power transmission line along First Street. As the result of extensive modern alterations, none of them demonstrates any particularly historical characteristics in their current configuration. Therefore, none of them constitutes a potential "historical resource" that warrants formal evaluation in its right.

Two of these features, the SPRR and the SCE power transmission line, were previously recorded into the California Historical Resources Inventory as parts of Site 33-009498 and Site 33-023484, respectively. However, Site 33-023484 was determined not to be eligible for listing in the California Register of Historical Resources, as were various segments of the SPRR in similar conditions (Taniguchi 2005:4-9; McLean et al. 2013:185, 216). At the locations where they cross the project area, both of them are essentially modern in appearance, and neither retains any distinctly historical characteristics to contribute to the potential significance or integrity of the sites at large. As such, they require no further consideration under CEQA.

Additionally, Native American input during this study did not identify any property of traditional cultural value in the project vicinity, and the extensively disturbed soils in the project area do not appear to be particularly sensitive for buried archaeological remains. Based on these findings, the present study concludes that no "historical resources" exist within the project area.

CONCLUSION AND RECOMMENDATIONS

CEQA establishes that a project that may cause a substantial adverse change in the significance of a "historical resource" or a "tribal cultural resource" is a project that may have a significant effect on the environment (PRC §21084.1-2). "Substantial adverse change," according to PRC §5020.1(q), "means demolition, destruction, relocation, or alteration such that the significance of a historical resource would be impaired."

In summary of the research results presented above, no "historical resources," as defined by CEQA and associated regulations, were encountered within the project area throughout the course of this study. Accordingly, CRM TECH presents the following recommendations to the City of Beaumont:

- A finding of *No Impact* on cultural resources appears to be appropriate for this project, pending the completion of Native American consultation process by the City of Beaumont pursuant to Assembly Bill 52 to ensure the proper identification of potential "tribal cultural resources."
- No further cultural resources investigation will be necessary for the proposed project unless construction plans undergo such changes as to include areas not covered by this study.
- If buried cultural materials are discovered inadvertently during any earth-moving operations associated with the project, all work within 50 feet of the discovery should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds.
- If human remains are discovered, HSC §7050.5 prohibits any further disturbance until the Riverside County Coroner has made the necessary findings as to the origin. Human remains of Native American origin will need to be treated per consultations among the Most Likely Descendant, the City of Beaumont, and the project proponent in accordance with PRC §5097.98.

REFERENCES

Ashkar, S.
1999 California Historical Resources Inventory record forms, 33-009498 (CA-RIV-6381H). On file, Eastern Information Center, University of California, Riverside.

Basgall, Mark E., and D.L. True
1985 Archaeological Investigations in Crowder Canyon, 1973-1984: Excavations at Sites SBR-421B, SBR-421C, SBR-421D, and SBR-713, San Bernardino County, California. On file, South Central Coastal Information Center, California State University, Fullerton.

Bean, Lowell John
1972 *Mukat's People: The Cahuilla Indians of Southern California*. University of California Press, Berkeley.
1978 Cahuilla. In *Handbook of North American Indians*, Vol. 8: *California*, edited by Robert F. Heizer; pp. 575-587. Smithsonian Institution, Washington, D.C.

Bean, Lowell John, and Katherine Siva Saubel
1972 *Temalpakh: Cahuilla Indian Knowledge and Use of Plants*. Malki Museum, Banning, California.

Chartkoff, Joseph L., and Kerry Kona Chartkoff
1984 *The Archaeology of California*. Stanford University Press, Stanford, California.

City of Beaumont
1965-1972 Building permit records for 1201 East Sixth Street, and 560 Pennsylvania Avenue. On file, Building and Safety Department, City of Beaumont.

GLO (General Land Office, U.S. Department of the Interior)
1880 Plat Map: Township No. 3 South Range No. 1 West, SBBM; surveyed in 1876-1880.

Goldberg, Susan K. (editor)
2001 Metropolitan Water District of Southern California Eastside Reservoir Project: Final Report of Archaeological Investigations. On file, Eastern information Center, University of California, Riverside.

Goodman, John D., II
2002 Archaeological Survey of the Charter Communications Cable Project, Mountaintop Ranger District, San Bernardino National Forest, California. San Bernardino National Forest Technical Report 05-12-BB-102. San Bernardino, California.

Goodman, John D., II, and Meg McDonald
2001 Archaeological Survey of the Southern California Trials Association Event Area, Little Pine Flats, Mountaintop Ranger District, San Bernardino National Forest, California. San Bernardino National Forest Technical Report 05-12-BB-106. San Bernardino, California.

Google Earth
1996-2018 Aerial photographs of the project vicinity; taken in 1996, 2002, 2003, 2006, 2009, 2011, 2012, 2013, 2016, and 2018. Available through the Google Earth software.

Gunther, Jane Davies
1984 *Riverside County, California, Place Names: Their Origins and Their Stories*. J.D. Gunther, Riverside.

Grenda, Donn
1993 Archaeological Treatment Plan for CA-RIV-2798/H, Lake Elsinore, Riverside County, California. Report on file, Eastern Information Center, University of California, Riverside.
1997 Continuity and Change: 8,500 Years of Lacustrine Adaptation on the Shores of Lake Elsinore. Statistical Research Technical Series 59. Statistical Research, Inc., Tucson, Arizona.

Horne, Melinda C., and Dennis P. McDougall
2008 CA-RIV-6069: Early Archaic Settlement and Subsistence in the San Jacinto Valley, Western Riverside County, California. On file, Eastern Information Center, University of California, Riverside.

Johnston, Francis J.
1987 *The Bradshaw Trail*; revised edition. Historical Commission Press, Riverside.
Keller, Jean S., and Daniel F. McCarthy
1989 Data Recovery at the Cole Canyon Site (CA-RIV-1139), Riverside County, California. *Pacific Coast Archeological Society Quarterly* 25.
Lando, Richard, and Ruby E. Modesto
1977 Temal Wakhish: A Desert Cahuilla Village. *Journal of California Anthropology* 4:95-112.
McClean, Roderic, Natalie Brodie, and Jacqueline Hall
2013 Cultural Resources Assessment and Class III Inventory, Vol. I: West of Devers Project, San Bernardino and Riverside Counties, California. On file, Eastern information Center, University of California, Riverside.
McDonald, Meg, Philip J. Wilke, and Andrea Kauss
1987 McCue: An Elko Site in Riverside County. *Journal of California and Great Basin Anthropology* 9(1):46-73.
Milburn, Doug, U.K. Doan, and John D. Goodman, II
2008 Archaeological Investigation at Baldy Mesa-Cajon Divide for the Baldy Mesa Off-Highway-Vehicle Recreation Trails Project San Bernardino National Forest, San Bernardino County, California. San Bernardino National Forest Technical Report 05-12-53-091. San Bernardino, California.
NETR Online
1966-2012 Aerial photographs of the project vicinity; taken in 1966, 1967, 1972, 1978, 1996, 2002, 2005, 2009, 2010, and 2012. http://www.historicaerials.com.
O'Connell, James F., Philip J. Wilke, Thomas F. King, and Carol L. Mix (editors)
1974 Perris Reservoir Archaeology: Late Prehistoric Demographic Change in Southeastern California. On file, Eastern Information Center, University of California, Riverside.
Ross, Delmer G.
1992 *Gold Road to La Paz: An Interpretive Guide to the Bradshaw Trail*. Tales of the Mojave Road Publishing Company, Essex, California.
Strong, William Duncan
1929 *Aboriginal Society in Southern California*. University of California Publications in American Archaeology and Ethnology Vol. 26. University of California Press, Berkeley.
Taniguchi, Christeen
2005 California Historical Resources Inventory record forms, 33-009498 (CA-RIV-6381H) update. On file, Eastern Information Center, University of California, Riverside.
USGS (United States Geological Survey, U.S. Department of the Interior)
1901 Maps: Elsinore and San Jacinto, Calif. (30', 1:125,000); surveyed in 1897-1898.
1942 Map: Banning, Calif. (15', 1:62,500); aerial photographs taken in 1939-1941.
1953 Map: Beaumont, Calif. (7.5', 1:24,000); aerial photographs taken in 1949, field-checked in 1953.
1969 Map: San Bernardino, Calif. (1:250,000); 1958 edition revised.
1979 Map: Santa Ana, Calif. (1:250,000); 1959 edition revised.
1996 Map: Beaumont, Calif. (7.5', 1:24,000); 1953 edition photorevised in 1994.
Warren, Claude N.
1984 The Desert Region. In *California Archaeology*, edited by Michael J. Moratto; pp. 339-430. Academic Press, Orlando, Florida.

APPENDIX 1:
PERSONNEL QUALIFICATIONS

PRINCIPAL INVESTIGATOR/HISTORIAN
Bai "Tom" Tang, M.A.

Education

1988-1993	Graduate Program in Public History/Historic Preservation, UC Riverside.
1987	M.A., American History, Yale University, New Haven, Connecticut.
1982	B.A., History, Northwestern University, Xi'an, China.
2000	"Introduction to Section 106 Review," presented by the Advisory Council on Historic Preservation and the University of Nevada, Reno.
1994	"Assessing the Significance of Historic Archaeological Sites," presented by the Historic Preservation Program, University of Nevada, Reno.

Professional Experience

2002-	Principal Investigator, CRM TECH, Riverside/Colton, California.
1993-2002	Project Historian/Architectural Historian, CRM TECH, Riverside, California.
1993-1997	Project Historian, Greenwood and Associates, Pacific Palisades, California.
1991-1993	Project Historian, Archaeological Research Unit, UC Riverside.
1990	Intern Researcher, California State Office of Historic Preservation, Sacramento.
1990-1992	Teaching Assistant, History of Modern World, UC Riverside.
1988-1993	Research Assistant, American Social History, UC Riverside.
1985-1988	Research Assistant, Modern Chinese History, Yale University.
1985-1986	Teaching Assistant, Modern Chinese History, Yale University.
1982-1985	Lecturer, History, Xi'an Foreign Languages Institute, Xi'an, China.

Cultural Resources Management Reports

Preliminary Analyses and Recommendations Regarding California's Cultural Resources Inventory System (with Special Reference to Condition 14 of NPS 1990 Program Review Report). California State Office of Historic Preservation working paper, Sacramento, September 1990.

Numerous cultural resources management reports with the Archaeological Research Unit, Greenwood and Associates, and CRM TECH, since October 1991.

PRINCIPAL INVESTIGATOR/ARCHAEOLOGIST
Michael Hogan, Ph.D., RPA*

Education

1991	Ph.D., Anthropology, University of California, Riverside.
1981	B.S., Anthropology, University of California, Riverside; with honors.
1980-1981	Education Abroad Program, Lima, Peru.
2002	Section 106—National Historic Preservation Act: Federal Law at the Local Level. UCLA Extension Course #888.
2002	"Recognizing Historic Artifacts," workshop presented by Richard Norwood, Historical Archaeologist.
2002	"Wending Your Way through the Regulatory Maze," symposium presented by the Association of Environmental Professionals.
1992	"Southern California Ceramics Workshop," presented by Jerry Schaefer.
1992	"Historic Artifact Workshop," presented by Anne Duffield-Stoll.

Professional Experience

2002-	Principal Investigator, CRM TECH, Riverside/Colton, California.
1999-2002	Project Archaeologist/Field Director, CRM TECH, Riverside.
1996-1998	Project Director and Ethnographer, Statistical Research, Inc., Redlands.
1992-1998	Assistant Research Anthropologist, University of California, Riverside
1992-1995	Project Director, Archaeological Research Unit, U. C. Riverside.
1993-1994	Adjunct Professor, Riverside Community College, Mt. San Jacinto College, U.C. Riverside, Chapman University, and San Bernardino Valley College.
1991-1992	Crew Chief, Archaeological Research Unit, U. C. Riverside.
1984-1998	Archaeological Technician, Field Director, and Project Director for various southern California cultural resources management firms.

Research Interests

Cultural Resource Management, Southern Californian Archaeology, Settlement and Exchange Patterns, Specialization and Stratification, Culture Change, Native American Culture, Cultural Diversity.

Cultural Resources Management Reports

Author and co-author of, contributor to, and principal investigator for numerous cultural resources management study reports since 1986.

Memberships

* Register of Professional Archaeologists; Society for American Archaeology; Society for California Archaeology; Pacific Coast Archaeological Society; Coachella Valley Archaeological Society.

PROJECT ARCHAEOLOGIST
Daniel Ballester, M.S.

Education

2013	M.S., Geographic Information System (GIS), University of Redlands, California.
1998	B.A., Anthropology, California State University, San Bernardino.
1997	Archaeological Field School, University of Las Vegas and University of California, Riverside.
1994	University of Puerto Rico, Rio Piedras, Puerto Rico.
2007	Certificate in Geographic Information Systems (GIS), California State University, San Bernardino.
2002	"Historic Archaeology Workshop," presented by Richard Norwood, Base Archaeologist, Edwards Air Force Base; presented at CRM TECH, Riverside, California.

Professional Experience

2002- Field Director/GIS Specialist, CRM TECH, Riverside/Colton, California.

- Report writing, site record preparation, and supervisory responsibilities over all aspects of fieldwork and field crew. Manages and updates CRM TECH's GIS database, produces maps and extracts data using GIS. Manages field crews for field surveys, testing and data recovery projects. Oversees work to ensure correct procedures.

2011-2012 GIS Specialist for Caltrans District 8 Project, Garcia and Associates, San Anselmo, California.

- Recorded sites using hand-held GPS unit; responsible for accurately inputting data.

2009-2010 Field Crew Chief, Garcia and Associates, San Anselmo, California.

2009-2010 Field Crew, ECorp, Redlands.

1999-2002 Project Archaeologist, CRM TECH, Riverside, California.

- Conducted field surveys, site recording, site testing and data recovery; familiar with all types of prehistoric and historic period sites.

1998-1999 Field Crew, K.E.A. Environmental, San Diego, California.

- Two and a half months of excavations on Topomai village site, Marine Corp Air Station, Camp Pendleton.

1998 Field Crew, A.S.M. Affiliates, Encinitas, California.

- Two weeks of excavations on a site on Red Beach, Camp Pendleton, and two weeks of survey in Camp Pendleton, Otay Mesa, and Encinitas.

1998 Field Crew, Archaeological Research Unit, University of California, Riverside.

- Two weeks of survey in Anza Borrego Desert State Park and Eureka Valley, Death Valley National Park.

PROJECT HISTORIAN/REPORT WRITER
Terri Jacquemain, M.A.

Education

2004 M.A., Public History and Historic Resource Management, University of California, Riverside.
- M.A. thesis: Managing Cultural Outreach, Public Affairs and Tribal Policies of the Cabazon Band of Mission Indians, Indio, California; internship served as interim Public Information Officer, Cabazon Band of Mission Indians, June-October, 2002.

2002 B.S., Anthropology, University of California, Riverside.
2001 Archaeological Field School, University of California, Riverside.
1991 A.A., Riverside Community College, Norco Campus.

Professional Experience

2003- Historian/Architectural Historian/Report Writer, CRM TECH, Riverside/Colton, California.
- Author/co-author of legally defensible cultural resources reports for CEQA and NHPA Section 106;
- Historic context development, historical/archival research, oral historical interviews, consultation with local communities and historical organizations;
- Historic building surveys, architectural history; architectural description

2002-2003 Teaching Assistant, Religious Studies Department, University of California, Riverside.
2002 Interim Public Information Officer, Cabazon Band of Mission Indians.
2000 Administrative Assistant, Native American Student Programs, University of California, Riverside.
1997-2000 Reporter, *Inland Valley Daily Bulletin*, Ontario, California.
1991-1997 Reporter, *The Press-Enterprise*, Riverside, California.

PROJECT ARCHAEOLOGIST
Nina Gallardo, B.A.

Education

2004 B.A., Anthropology/Law and Society, University of California, Riverside.

Honors and Awards

2000 Dean's Honors List, University of California, Riverside.

Professional Experience

2004- Project Archaeologist, CRM TECH, Riverside/Colton, California.

APPENDIX 2

CORRESPONDENCE WITH NATIVE AMERICAN REPRESENTATIVES*

* Twelve local Native American tribes were contacted; a sample letter is included in this report.

SACRED LANDS FILE & NATIVE AMERICAN CONTACTS LIST REQUEST

NATIVE AMERICAN HERITAGE COMMISSION
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
(916) 373-3710
(916)373-5471 Fax
nahc@pacbell.net

Project: Proposed Pennsylvania Widening Project (CRM TECH No. 3365)

County: Riverside

USGS Quadrangle Name: Beaumont, Calif.

Township 3 South **Range** 1 West SB **BM; Section(s)** 10

Company/Firm/Agency: CRM TECH

Contact Person: Nina Gallardo

Street Address: 1016 E. Cooley Drive, Suite A/B

City: Colton, CA **Zip:** 92324

Phone: (909) 824-6400 **Fax:** (909) 824-6405

Email: ngallardo@crmtech.us

Project Description: The primary component of the project is to widen both sides of Pennsylvania Avenue (including acquisitions of additional right-of-way and temporary easements) from 1st Street to 6th Street in the City of Beaumont, Riverside County, California.

July 27, 2018

STATE OF CALIFORNIA Edmund G. Brown, Jr., Governor

NATIVE AMERICAN HERITAGE COMMISSION
Environmental and Cultural Department
1550 Harbor Blvd., ROOM 100
West SACRAMENTO, CA 95691
(916) 373-3710
Fax (916) 373-5471

August 6, 2018

Nina Gallardo

CRM Tech

Sent by Email: ngalardo@crmtech.us

Re: Pennsylvania Widening Project No. 3365, Riverside County

Dear Ms. Gallardo

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not preclude the presence of cultural resources in any project area. Other sources for cultural resources should also be contacted for information regarding known and/or recorded sites.

Enclosed is a list of Native Americans tribes who may have knowledge of cultural resources in the project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these tribes, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at 916-573-1033 or frank.lienert@nahc.ca.gov.

Sincerely,

Frank Lienert
Associate Governmental Program Analyst

Native American Heritage Commission
Native American Contacts
August 6, 2018

Cabazon Band of Mission Indians
Doug Welmas, Chairperson
84-245 Indio Springs Parkway Cahuilla
Indio , CA 92203
(760) 342-2593

(760) 347-7880 Fax

Los Coyotes Band of Cahuilla and Cupeno Indians
Shane Chapparosa, Chairman
P.O. Box 189 Cahuilla
Warner Springs , CA 92086-01
Chapparosa@msn.com
(760) 782-0711

(760) 782-0712 Fax

Pala Band of Mission Indians
Shasta Gaughen, PhD, THPO
PMB 50, 35008 Pala Temecula Rd. Luiseno
Pala , CA 92059 Cupeno
sgaughen@palatribe.com
(760) 891-3515

(760) 742-3189 Fax

Pauma Band of Luiseno Indians
Temet Aguilar, Chairperson
P.O. Box 369 Luiseno
Pauma Valley , CA 92061
(760) 742-1289, Ext. 303

(760) 742-3422 Fax

Ramona Band of Cahuilla
Joseph Hamilton, Chairman
P.O. Box 391670 Cahuilla
Anza , CA 92539
admin@ramonatribe.com
(951) 763-4105

(951) 763-4325 Fax

Twenty-Nine Palms Band of Mission Indians
Darrell Mike, Chairperson
46-200 Harrison Place Chemehuevi
Coachella , CA 92236
29chairman@29palmsbomi-nsn.gov
(760) 863-2444

(760) 863-2449 Fax

Chemehuevi Indian Tribe
Charles F. Wood, Chairperson
P.O. Box 1976 Chemehuevi
Havasu Lake , CA 92363
chairman@cit-nsn.gov
(760) 858-4219

(760) 858-5400 Fax

Fort Mojave Indian Tribe
Timothy Williams, Chairperson
500 Merriman Ave Mojave
Needles , CA 92363
(760) 629-4591

(760) 629-5767 Fax

Juaneno Band of Mission Indians Acjachemen Nation
Matias Belardes, Chairperson
32161 Avenida Los Amigos Juaneno
San Juan Capistrano , CA 92675
kaamalam@gmail.com
(949) 444-4340 (Cell)

Colorado River Indian Tribes of the Colorado River Indian Reservation
Dennis Patch, Chairman
26600 Mojave Road Mojave
Parker , AZ 85344 Chemehuevi
crit.museum@yahoo.com
(928) 669-9211 Tribal Office
(928) 669-8970 ext 21
(928) 669-1925 Fax

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed Pennsylvania Widening Project No. 3365, Riverside County

Native American Heritage Commission
Native American Contacts
August 6, 2018

Quechan Tribe of the Fort Yuma Indian Reservation
Michael Jackson. Sr.. President
P.O.Box 1899 Quechan
Yuma , AZ 85366
gitpres@quechantribe.com
(760) 572-0213

(760) 572-2102 Fax

Juaneno Band of Mission Indians Acjachemen Nation
Teresa Romero. Chairwoman
31411-A La Matanza Street Juaneno
San Juan Capistrano , CA 92675
tromero@juaneno.com
(949) 488-3484
(530) 354-5876 Cell

(949) 488-3294 Fax

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales. Chairperson
P.O. Box 693 Gabrielino Tongva
San Gabriel , CA 91778
GTTribalcouncil@aol.com
(626) 483-3564 Cell

(626) 286-1262 Fax

San Manuel Band of Mission Indians
Lee Clauss. Director-CRM Dept.
26569 Community Center Drive Serrano
Highland , CA 92346
lclauss@sanmanuel-nsn.gov
(909) 864-8933

(909) 864-3370 Fax

Santa Rosa Band of Cahuilla Indians
Steven Estrada. Chairman
P.O. Box 391820 Cahuilla
Anza , CA 92539
(951) 659-2700

(951) 659-2228 Fax

Rincon Band of Luiseño Indians
Bo Mazzetti. Chairperson
1 West Tribal Road Luiseno
Valley Center , CA 92082
bomazzetti@aol.com
(760) 749-1051

(760) 749-5144

Augustine Band of Cahuilla Indians
Amanda Vance. Chairperson
P.O. Box 846 Cahuilla
Coachella , CA 92236
(760) 398-4722
(760) 369-7161Fax

San Luis Rey Band of Mission Indians
Tribal Council
1889 Sunset Drive Luiseno
Vista , CA 92081
cjmojado@slrmissionindians.org
(760) 724-8505

(760) 724-2172 Fax

Gabrielino /Tongva Nation
Sandonne Goad. Chairperson
106 1/2 Judge John Aiso St., #231 Gabrielino Tongva
Los Angeles , CA 90012
sgoad@gabrielino-tongva.com
(951) 807-0479

Agua Caliente Band of Cahuilla Indians
Jeff Grubbe. Chairperson
5401 Dinah Shore Drive Cahuilla
Palm Springs , CA 92264
(760) 699-6800

(760) 699-6919 Fax

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This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed Pennsylvania Widening Project No. 3365, Riverside County

Native American Heritage Commission
Native American Contacts
August 6, 2018

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road Cahuilla
Banning , CA 92220 Serrano
(951) 849-8807
(951) 755-5200
(951) 922-8146 Fax

Juaneño Band of Mission Indians
Sonia Johnston, Tribal Chairperson
P.O. Box 25628 Juaneno
Santa Ana , CA 92799
sonia.johnston@sbcglobal.net

Pechanga Band of Luiseño Indians
Mark Macarro, Chairman
P.O. Box 1477 Luiseno
Temecula , CA 92593
epreston@pechanga-nsn.gov
(951) 770-6000

(951) 695-1778 Fax

Cahuilla Band of Indians
Daniel Salgado, Chairperson
52701 U. S. Highway 371 Cahuilla
Anza , CA 92539
Chairman@cahuilla.net
(951) 763-5549
(951) 763-2808

La Jolla Band of Luiseno Indians
Thomas Rodriguez, Chairperson
22000 Highway 76 Luiseno
Pauma Valley , CA 92061
(760) 742-3771

(760) 742-3779 Fax

Juaneno Band of Mission Indians Acjachemen Nation
Joyce Perry, Tribal Manager
4955 Paseo Segovia Juaneno
Irvine , CA 92612
kaamalam@gmail.com
(949) 293-8522

Serrano Nation of Mission Indians
Goldie Walker, Chairperson
P.O. Box 343 Serrano
Patton , CA 92369

(909) 528-9027
(909) 528-9032

Soboba Band of Luiseno Indians
Joseph Ontiveros, Cultural Resource Department
P.O. BOX 487 Luiseno
San Jacinto , CA 92581 Cahuilla
jontiveros@soboba-nsn.gov
(951) 663-5279
(951) 654-5544, ext 4137
(951) 654-4198 Fax

Agua Caliente Band of Cahuilla Indians
Patricia Garcia-Plotkin, Director, THPO
5401 Dinah Shore Drive Cahuilla
Palm Springs , CA 92264
ACBCI-THPO@aguacaliente.net
(760) 699-6907
(760) 567-3761 Cell
(760) 699-6924 Fax

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393 Gabrielino
Covina , CA 91723
admin@gabrielenoindians.org
(626) 926-4131

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This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed Pennsylvania Widening Project No. 3365, Riverside County

Native American Heritage Commission
Native American Contacts
August 6, 2018

Twenty-Nine Palms Band of Mission Indians
Anthony Madrigal, Jr. THPO
46-200 Harrison Place Chemehuevi
Coachella , CA 92236
amadrigal@29palmsbomi-nsn.
(760) 775-3259
(760) 625-7872 Cell
(760) 863-2449 Fax

Pala Band of Mission Indians
Robert H. Smith, Chairperson
12196 Pala Mission Road Luiseno
Pala , CA 92059 Cupeno
rsmith@palatribe.com
(760) 891-3500

(760) 742-3189 Fax

Torres-Martinez Desert Cahuilla Indians
Michael Mirelez, Cultural Resource Coordinator
P.O. Box 1160 Cahuilla
Thermal , CA 92274
mmirelez@tmdci.org
(760) 399-0022, Ext. 1213

(760) 397-8146 Fax

San Manuel Band of Mission Indians
Lynn Valbuena
26569 Community Center Dr. Serrano
Highland , CA 92346
(909) 864-8933

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This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed Pennsylvania Widening Project No. 3365, Riverside County

From: ngallardo@crmtech.us
Sent: Wednesday, August 8, 2018 1:54 PM
To: Tribal Historic Preservation Office <thpo@morongo-nsn.gov>; Alicia Benally; 'dtorres@morongo-nsn.gov'
Subject: Cultural Resources Study and Participation in Archaeological Fieldwork for the Proposed Pennsylvania Widening Project (CRM TECH No. 3365)

Hello,

I'm writing to inform you that CRM TECH will be conducting cultural resources studies for the Proposed Pennsylvania Widening Project (CRM TECH No. 3365) and the Pennsylvania Grade Separation Project (CRM TECH # 3366) in the City of Beaumont, Riverside County. Specifically, I am contacting you to see if the tribe would like to participate in the archaeological field survey for the projects, possibly sometime next week.

In the meantime, I would also appreciate any information you may have regarding potential Native American cultural resources in the project vicinity. A project location map is attached to this e-mail. A formal Native American scoping letter will be sent out with additional information once we receive a response from the Native American Heritage Commission.

Thank you for your time and input on this project.

Nina Gallardo
(909) 824-6400 (phone)
(909) 824-6405 (fax)
CRM TECH
1016 E. Cooley Drive, Ste. A/B
Colton, CA 92324

MORONGO BAND OF MISSION INDIANS
TRIBAL HISTORIC PRESERVATION OFFICE
12700 PUMARRA RD BANNING, CA 92220
OFFICE 951-755-5059 FAX 951-572-6004

Date: 8/10/2018

Re:
CRM TECH CONTRACT #3365 – Pennsylvania Widening Project

Dear,
Nina Gallardo
Project Archaeologist/Native American Liaison
CRM TECH

Thank you for contacting the Morongo Band of Mission Indians (MBMI) Cultural Heritage Department regarding the above referenced project(s). After conducting a preliminary review of the project, the tribe would like to respectfully issue the following comments and/or requests:

☐ The project is located outside of the Tribe's aboriginal territory and is not within an area considered to be a traditional use area or one in which the Tribe has cultural ties. We recommend contacting the appropriate tribe(s) who may have cultural affiliations to the project area. We have no further comments at this time.

☒ The project is located within the Tribe's aboriginal territory or in an area considered to be a traditional use area or one in which the Tribe has cultural ties. In order to further evaluate the project for potential impacts to tribal cultural resources, we would like to formally request the following:

- ☒ A thorough records search be conducted by contacting one of the California Historical Resources Information System (CHRIS) Archaeological Information Centers and a copy of the search results be provided to the tribe.
- ☒ Tribal monitor participation during the initial pedestrian field survey of the Phase I Study of the project and a copy of the results of that study. In the event the pedestrian survey has already been conducted, MBMI requests a copy of the Phase I study be provided to the tribe as soon as it can be made available.

☐ The project is located with the current boundaries of the Morongo Indian Reservation. Please contact the Morongo Cultural Heritage Department for further details.

Please be aware that this letter is merely intended to notify your office that the tribe has received your letter requesting tribal consultation for the above mentioned project and is requesting to engage in

consultation. Specific details regarding the tribe's involvement in the project must be discussed on a project by project basis during the tribal consultation process. This letter does not constitute "meaningful" tribal consultation nor does it conclude the consultation process. Under federal and state law, "meaningful" consultation is understood to be an ongoing government-to-government process and may involve requests for additional information, phone conferences and/or face-to-face meetings.

Sincerely,

Tribal Historic Preservation Office
Morongo Band of Mission Indians
Email: thpo@morongo-nsn.gov
Phone: (951) 755-5059

August 14, 2018

Amanda Vance, Chairperson
Augustine Band of Cahuilla Mission Indians
P.O. Box 846
Coachella, CA 92236

RE: Pennsylvania Avenue Widening Project
8.11 Acres in the City of Beaumont
Riverside County, California
CRM TECH Contract #3365

Dear Ms. Vance:

I am writing to bring your attention to an ongoing CEQA-compliance study for the proposed project referenced above. The project entails street-widening and improvements to Pennsylvania Avenue between 1st Street and 6th Street in the City of Beaumont. The accompanying map, based on the USGS Beaumont, Calif., 7.5' quadrangle, depicts the location of the project area in Sections 10 and 11, T3S R1W, SBBM.

In a letter dated August 6, 2018, the Native American Heritage Commission reports that the sacred lands record search identified no Native American cultural resources within the project area, but recommends that local Native American groups be contacted for further information (see attached). Therefore, as part of the cultural resources study for this project, I am writing to request your input on potential Native American cultural resources in or near the project area.

Please respond at your earliest convenience if you have any specific knowledge of sacred/religious sites or other sites of Native American traditional cultural value in or near the project area, or any other information to consider during the cultural resources investigations. Any information or concerns may be forwarded to CRM TECH by telephone, e-mail, facsimile, or standard mail. Requests for documentation or information we cannot provide will be forwarded to our client and/or the lead agency, namely the City of Beaumont.

We would also like to clarify that, as the cultural resources consultant for the project, CRM TECH is not involved in the AB 52-compliance process or in government-to-government consultations. The purpose of this letter is to seek any information that you may have to help us determine if there are cultural resources in or near the project area that we should be aware of and to help us assess the sensitivity of the project area. Thank you for your time and effort in addressing this important matter.

Respectfully,

Nina Gallardo
Project Archaeologist/Native American liaison
CRM TECH
Email: ngallardo@crmtech.us

Encl.: NAHC response letter and project location map

From: Cultural Department <culturaldirector@cahuilla.net>
Sent: Tuesday, August 14, 2018 12:18 PM
To: ngallardo@crmtech.us
Cc: anthonymad2002@gmail.com
Subject: Re: NA Scoping Letter for the Proposed Pennsylvania Avenue Widening Project in the City of Beaumont, Riverside County (CRM TECH # 3365)

Dear Ms. Gallardo,

The Cahuilla Band of Indians received your letter on August 14, 2018 regarding the Pennsylvania Avenue Widening Project in the City of Beaumont, Riverside County, CA. The Cahuilla Band does not have knowledge of any cultural resources/sites within or near the project area. Although this project is outside the Cahuilla reservation boundary, it is within the Cahuilla Traditional Land Use Area. We respectfully request to be notified with all updates and/or changes with the project moving forward and appreciate your help in preserving Tribal Cultural Resources in your project.

Respectfully,

BobbyRay Esparza
Cultural Coordinator
Cahuilla Band of Indians
Cell: (760)423-2773
Office: (951)763-5549
Fax:(951)763-2808

From: Jessica Mauck <JMauck@sanmanuel-nsn.gov>
Sent: Tuesday, August 14, 2018 2:06 PM
To: ngallardo@crmtech.us
Subject: RE: NA Scoping Letter for the Proposed Pennsylvania Avenue Widening Project in the City of Beaumont, Riverside County (CRM TECH # 3365)

Hi Nina,

Thank you for contacting the San Manuel Band of Mission Indians (SMBMI) regarding the above referenced project. SMBMI appreciates the opportunity to review the project documentation, which was received by our Cultural Resources Management Department on 14 August 2018. The proposed project area is located outside of Serrano ancestral territory and, as such, SMBMI will not request consulting party status or elect to participate in the scoping, development, and/or review of documents created pursuant to these legal and regulatory mandates.
Regards,

Jessica Mauck
CULTURAL RESOURCES ANALYST
O: (909) 864-8933 x3249
M: (909) 725-9054
26569 Community Center Drive, Highland California 92346

MORONGO BAND OF MISSION INDIANS
TRIBAL HISTORIC PRESERVATION OFFICE
12700 PUMARRA RD BANNING, CA 92220
OFFICE 951-755-5059 FAX 951-572-6004

Date: 8/14/2018

Re:
CRM TECH CONTRACT #3365 – Pennsylvania Avenue Widening Project

Dear,
Nina Gallardo
Project Archaeologist/Native American Liaison
CRM TECH

Thank you for contacting the Morongo Band of Mission Indians (MBMI) Cultural Heritage Department regarding the above referenced project(s). After conducting a preliminary review of the project, the tribe would like to respectfully issue the following comments and/or requests:

☐ The project is located outside of the Tribe's aboriginal territory and is not within an area considered to be a traditional use area or one in which the Tribe has cultural ties. We recommend contacting the appropriate tribe(s) who may have cultural affiliations to the project area. We have no further comments at this time.

☒ The project is located within the Tribe's aboriginal territory or in an area considered to be a traditional use area or one in which the Tribe has cultural ties. In order to further evaluate the project for potential impacts to tribal cultural resources, we would like to formally request the following:

- ☒ A thorough records search be conducted by contacting one of the California Historical Resources Information System (CHRIS) Archaeological Information Centers and a copy of the search results be provided to the tribe.
- ☒ Tribal monitor participation during the initial pedestrian field survey of the Phase I Study of the project and a copy of the results of that study. In the event the pedestrian survey has already been conducted, MBMI requests a copy of the Phase I study be provided to the tribe as soon as it can be made available.
- ☐ MBMI Tribal Cultural Resource Monitor(s) be present during all required ground disturbing activities pertaining to the project.

☐ The project is located with the current boundaries of the Morongo Indian Reservation. Please contact the Morongo Cultural Heritage Department for further details.

Please be aware that this letter is merely intended to notify your office that the tribe has received your letter requesting tribal consultation for the above mentioned project and is requesting to engage in consultation. Specific details regarding the tribe's involvement in the project must be discussed on a project by project basis during the tribal consultation process. This letter does not constitute "meaningful" tribal consultation nor does it conclude the consultation process. Under federal and state law, "meaningful" consultation is understood to be an ongoing government-to-government process and may involve requests for additional information, phone conferences and/or face-to-face meetings.

Sincerely,

Tribal Historic Preservation Office
Morongo Band of Mission Indians
Email: thpo@morongo-nsn.gov
Phone: (951) 755-5059

August 22, 2018

Nina Gallardo
Project Archaeologist/Native American Liaison
CRM TECH
1016 E. Cooley Drive, Suite A/B
Colton, CA 92324

Re.: Pennsylvania Avenue Widening Project
8.11 Acres in the City of Beaumont
Riverside County, California
CRM TECH Contract #3365

Dear Ms. Gallardo:

Thank you for contacting the Cabazon Band of Mission Indians concerning cultural resource information relative to the above referenced project.

The project is located outside of the Tribe's current reservation boundaries. The Tribe has no specific archival information on the site indicating that it may be a sacred/religious site or other site of Native American traditional cultural value within the project area.

We look forward to continued collaboration in the preservation of cultural resources or areas of traditional cultural importance.

Best regards,

Judy Stapp
Director of Cultural Affairs

AUG 2 5 2018

84-245 INDIO SPRINGS DRIVE ▫ INDIO, CALIFORNIA 92203-3499 ▫ (760) 342-2593 ▫ FAX (760) 347-7880

Cahuilla Band of Indians
Cultural Department
52701 Highway 371 Anza, California 92539
Phone (951) 763-5549 Fax (951) 763-2808
Email: Culturaldirector@cahuilla.net

August 22, 2018

Nina Gallardo
Project Archaeologist/Native American Liaison
CRM TECH
1016 E. Cooley Drive, Suite A/B
Colton, CA 92324

RE: Pennsylvania Avenue Widening Project

Dear Ms. Gallardo,

The Cahuilla Band of Indians received your letter on August 14, 2018 regarding the Pennsylvania Avenue Widening Project in the City of Beaumont, Riverside County, CA. The Cahuilla Band does not have knowledge of any cultural resources/sites within or near the project area. Although this project is outside the Cahuilla reservation boundary, it is within the Cahuilla Traditional Land Use Area. We respectfully request to be notified with all updates and/or changes with the project moving forward and appreciate your help in preserving Tribal Cultural Resources in your project.

Respectfully,

BobbyRay Esparza
Cultural Coordinator
Cahuilla Band of Indians
Cell: (760)423-2773
Office: (951)763-5549
Fax: (951)763-2808

AGUA CALIENTE BAND OF CAHUILLA INDIANS
TRIBAL HISTORIC PRESERVATION

03-036-2018-005

August 27, 2018

[VIA EMAIL TO:ngallardo@crmtech.us]
CRM TECH
Ms. Nina Gallardo
1016 E. Cooley Drive, Suite A/B
Colton, CA 92324

Re: Pennsylvania Avenue Widening

Dear Ms. Nina Gallardo,

The Agua Caliente Band of Cahuilla Indians (ACBCI) appreciates your efforts to include the Tribal Historic Preservation Office (THPO) in the Pennsylvania Avenue Widening Project project. The project area is not located within the boundaries of the ACBCI Reservation. However, it is within the Tribe's Traditional Use Area. For this reason, the ACBCI THPO requests the following:

*At this time ACBCI defers to the Morongo Band of Mission Indians. This letter shall conclude our consultation efforts.

Again, the Agua Caliente appreciates your interest in our cultural heritage. If you have questions or require additional information, please call me at (760)699-6829. You may also email me at ACBCI-THPO@aguacaliente.net.

Cordially,

Katie Croft

Katie Croft
Cultural Resources Manager
Tribal Historic Preservation Office
AGUA CALIENTE BAND
OF CAHUILLA INDIANS

CRM TECH
1016 E. Cooley Drive, Suite A/B
Colton, CA 92324

MEMORANDUM

Date: February 24, 2021
From: Bai "Tom" Tang, Principal, CRM TECH
To: Eric Turner and Stephanie S. Oslick, Moffatt and Nichol
Subject: Addendum to Phase I Historical/Archaeological Resources Survey: Pennsylvania Avenue Widening Project, City of Beaumont, Riverside County, California

Dear Eric and Stephanie:

This memorandum presents to you the methods, results, and final conclusion of a cultural resources survey that CRM TECH recently conducted on the area currently designated for the project referenced above. As you know, the original project area was the subject of a standard Phase I cultural resources study that our firm completed in 2018, which included a historical/archaeological resources records search, historical background research, Native American scoping, and an intensive-level field survey (Tang et al. 2018). The results of that study indicate that no "historical resources," as defined by the California Environmental Quality Act (CEQA), were present within the project area as delineated at the time (*ibid*.:15).

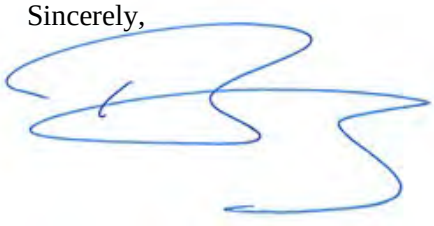
Since the completion of the study, the project boundaries have undergone minor adjustments and now encompass small areas that were not covered by the research procedures completed in 2018 (see Figure 1), which necessitated the present study. In order to identify any potential "historical resources" that may existing in the newly added portions of the project area, project archaeologists and historians at CRM TECH reviewed research materials collected during the 2018 study, including the results of the records search, historic maps, and aerial photographs, for information pertaining to these areas and carried out a systematic field survey of the adjusted project area on December 1, 2020.

Neither the existing records nor the historical sources identified any potential "historical resources" within the additional project area (GLO 1880; USGS 1901-1935; NETR Online 1966-2016; Google Earth 1996-2018). The field survey was conducted by CRM TECH archaeologist/field director Daniel Ballester by walking a single transect along each side of the existing roadway and visually inspecting the surrounding ground surface. The results of the field survey confirmed that the only features of historical or prehistoric origin present in the project area were the Southern Pacific Railroad (Site 33-009498), the Southern California Edison transmission line along First Street (Site 33-023484), and the various existing roadways, all of which were found not to constitute "historical resources" during the 2018 study (Tang et al. 2018:14-15).

Based on these findings, the present study concludes that the original conclusion of the 2018 study—that no "historical resources" would be impacted by the proposed project—remains valid and appropriate for the adjusted project area.

Thank you for this opportunity to be of service. If you have any questions regarding this study or need any further information, please do not hesitate to contact our office.

Sincerely,



Tel: 909 824 6400 Fax: 909 824 6405

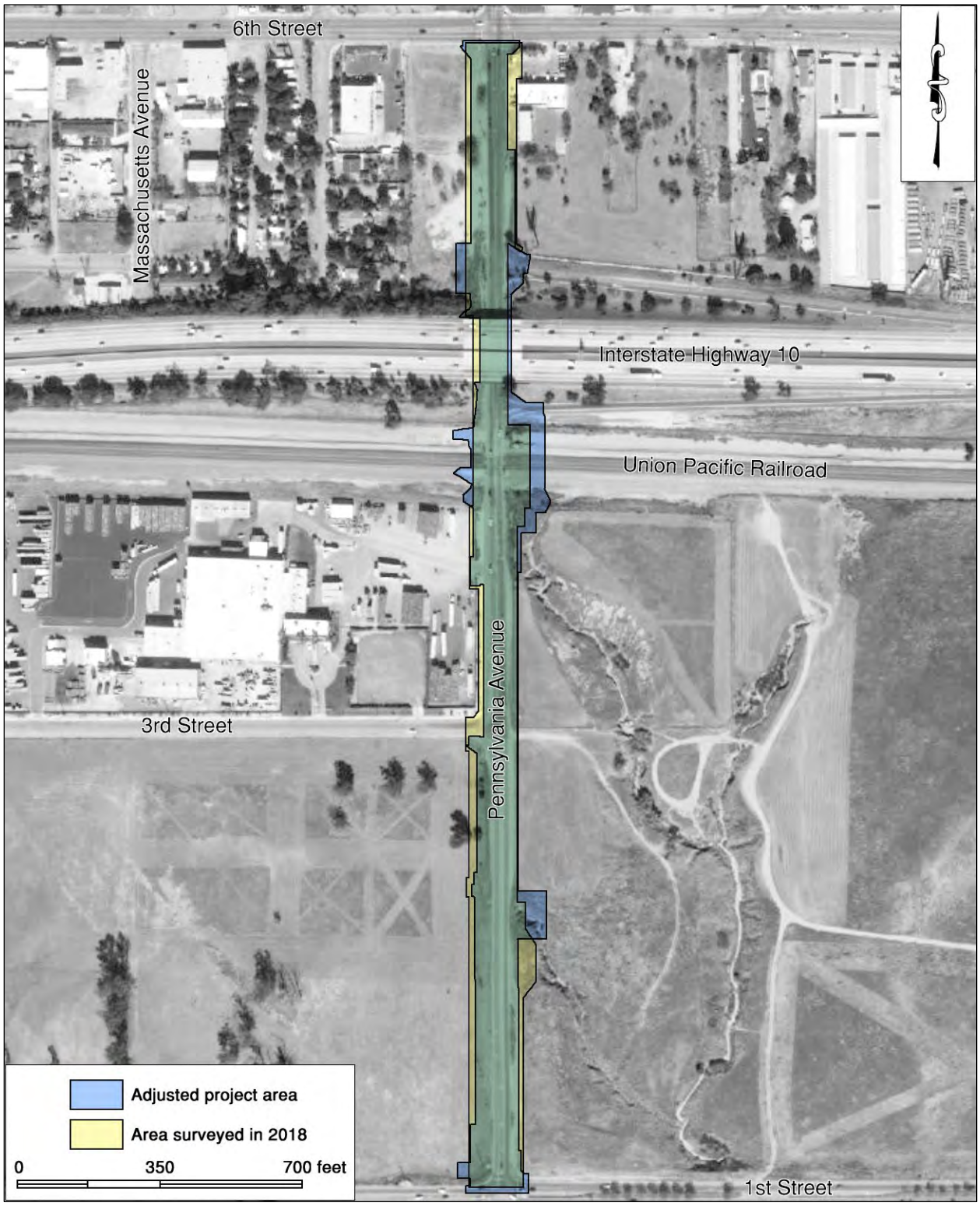


Figure 1. Newly adjusted project boundaries in comparison to the original project area surveyed in 2018.

References:

GLO (General Land Office, U.S. Department of the Interior)
1880 Plat Map: Township No. 3 South Range No. 1 West, SBBM; surveyed in 1876-1880.

Google Earth
1996-2018 Aerial photographs of the project vicinity; taken in 1996, 2002, 2003, 2006, 2009, 2011, 2012, 2013, 2016, and 2018. Available through the Google Earth software.

NETR Online
1966-2016 Aerial photographs of the project vicinity; taken in 1966, 1967, 1972, 1978, 1996, 2002, 2005, 2009, 2010, 2012, 2014, and 2016. http://www.historicaerials.com.

Tang, Bai "Tom," Michael Hogan, Terri Jacquemain, Daniel Ballester, and Nina Gallardo
2018 Phase I Historical/Archaeological Resources Survey: Pennsylvania Avenue Widening Project, City of Beaumont, Riverside County, California. Report prepared by CRM TECH for Moffatt and Nichol. On file, Eastern Information Center, University of California, Riverside.

USGS (United States Geological Survey, U.S. Department of the Interior)
1901 Map: Elsinore and San Jacinto, Calif. (30', 1:125,000); surveyed in 1897-1898.
1942 Map: Banning, Calif. (15', 1:62,500); aerial photographs taken in 1939-1941.
1953 Map: Beaumont, Calif. (7.5', 1:24,000); aerial photographs taken in 1949, field-checked in 1953.

Appendix E

Paleontological Resources Assessment Report

PALEONTOLOGICAL RESOURCES ASSESSMENT REPORT

PENNSYLVANIA AVENUE WIDENING PROJECT

City of Beaumont
Riverside County, California

For Submittal to:

City of Beaumont
550 East 6th Street
Beaumont, CA 92223

Prepared for:

Moffatt and Nichol
3780 Kilroy Airport Way, Suite 600
Long Beach, CA 90806

Prepared by:

Ben Kerridge, Paleontologist/Report Writer
Daniel Ballester, Paleontological Surveyor/Field Director
CRM TECH
1016 East Cooley Drive, Suite A/B
Colton, CA 92324

Bai "Tom" Tang, Principal Investigator
Michael Hogan, Principal Investigator

February 24, 2021

CRM TECH Contract No. 3685
Approximately 2,800 linear feet (8.5 acres)
USGS Beaumont, Calif., 7.5' (1:24,000) quadrangle
Section 10, T3S R1W, San Bernardino Baseline and Meridian

EXECUTIVE SUMMARY

Between November 2020 and February 2021, at the request of Moffatt and Nichol, CRM TECH performed a paleontological resource assessment for the proposed Pennsylvania Avenue Widening Project in the City of Beaumont, Riverside County, California. The project area lies mostly within the existing right-of-way of Pennsylvania Avenue between First Street and Sixth Street, but also includes narrow strips of land on the edges of adjacent parcels where right-of-way acquisition will be necessary. It measures approximately 2,800 linear feet in length and up to 185 feet in width, encompassing roughly 8.5 acres, and is located in the east half of Section 10, T3S R1W, San Bernardino Baseline and Meridian.

The study is a part of the environmental review process for the project, which entails primarily widening the roadway in the project area from two to four lanes and associated improvements such as curbs, sidewalks, drains, and signage/signal modifications. The City of Beaumont, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA). The purpose of the study is to provide the City with the necessary information and analysis to determine whether the proposed project would adversely affect any significant, nonrenewable paleontological resources, as required by CEQA, and to design a paleontological mitigation program, if necessary.

In order to identify any paleontological resource localities that may exist in or near the project area and to assess the probability for such resources to be encountered during the project, CRM TECH reviewed the results of a records search on the project location, conducted a literature review, and carried out a systematic field survey. Although no paleontological localities were previously found in the project area and no surface manifestation of any fossil remains were observed during the field survey, the prevailing sediments in the project area have been identified as Pleistocene-age alluvium, which generally has a high potential to contain significant, nonrenewable fossil remains. Due to past disturbance by construction and agricultural activities, the surface soils in the project area no longer represent an accurate reflection of the paleontological sensitivity of the native soils in the vicinity.

Based on these findings, CRM TECH concludes that the proposed project's potential to impact significant, nonrenewable paleontological resources appears to be high in the undisturbed native soils below surface and recommends that a paleontological resource impact mitigation program be developed and implemented during the project to prevent such impacts or reduce them to a level less than significant. As the primary component of the mitigation program, all earth-moving operations reaching beyond the disturbed surface soils, generally five to six feet in depth within the existing roadbed and two to three feet in depth elsewhere, should be monitored by a qualified paleontological monitor. Under this condition, the proposed project may be cleared to proceed in compliance with CEQA provisions on paleontological resources.

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INTRODUCTION

Between November 2020 and February 2021, at the request of Moffatt and Nichol, CRM TECH performed a paleontological resource assessment for the proposed Pennsylvania Avenue Widening Project in the City of Beaumont, Riverside County, California (Figure 1). The project area lies mostly within the existing right-of-way of Pennsylvania Avenue between First Street and Sixth Street, but also includes narrow strips of land on the edges of adjacent parcels where right-of-way acquisition will be necessary. It measures approximately 2,800 linear feet in length and up to 185 feet in width, encompassing roughly 8.5 acres, and is located in the east half of Section 10, T3S R1W, San Bernardino Baseline and Meridian (Figures 2, 3).

The study is a part of the environmental review process for the project, which entails primarily widening the roadway in the project area from two to four lanes and associated improvements such as curbs, sidewalks, drains, and signage/signal modifications. The City of Beaumont, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA; PRC §21000, et seq.). The purpose of the study is to provide the City with the necessary information and analysis to determine whether the proposed project would adversely affect any significant, nonrenewable paleontological resources, as required by CEQA, and to design a paleontological mitigation program, if necessary.

In order to identify any paleontological resource localities that may exist in or near the project area and to assess the probability for such resources to be encountered during the project, CRM TECH reviewed the results of a records search on the project location, conducted a literature review, and

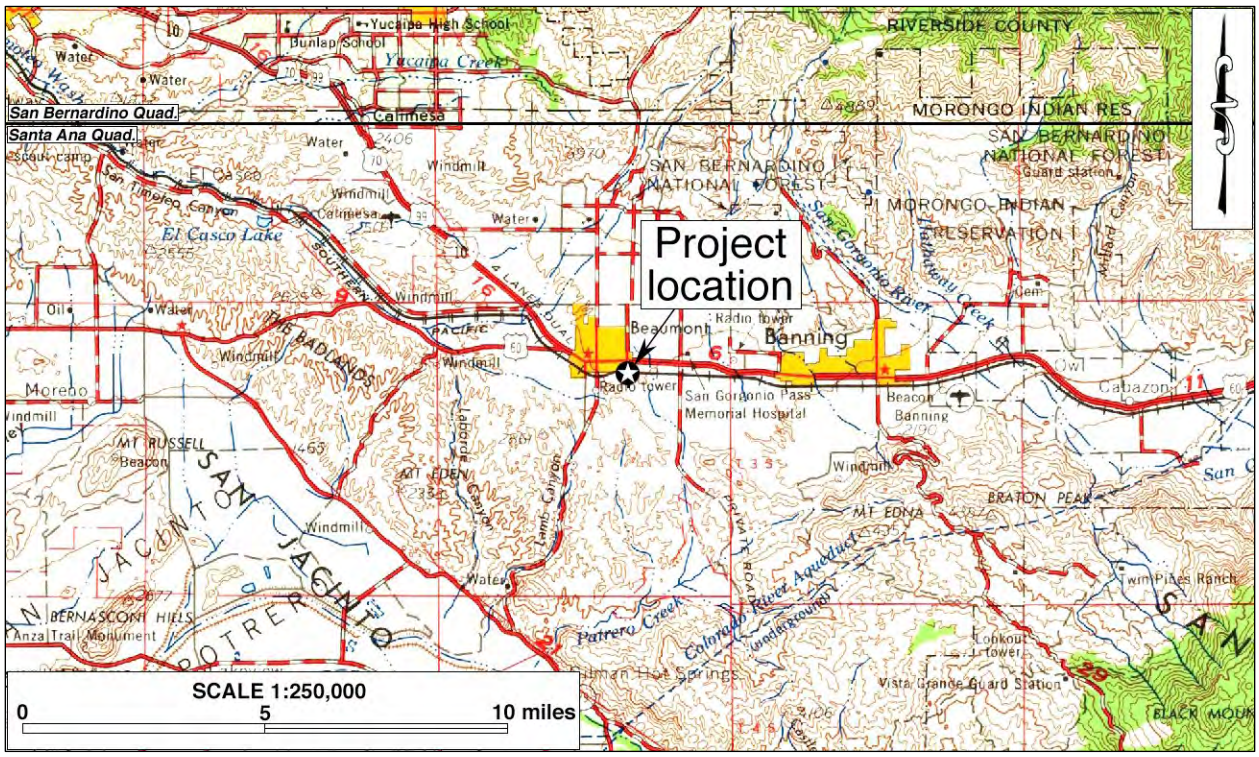

Figure 1. Project vicinity. (Based on USGS San Bernardino and Santa Ana, Calif., 120'x60' quadrangles 1969-1979 edition)

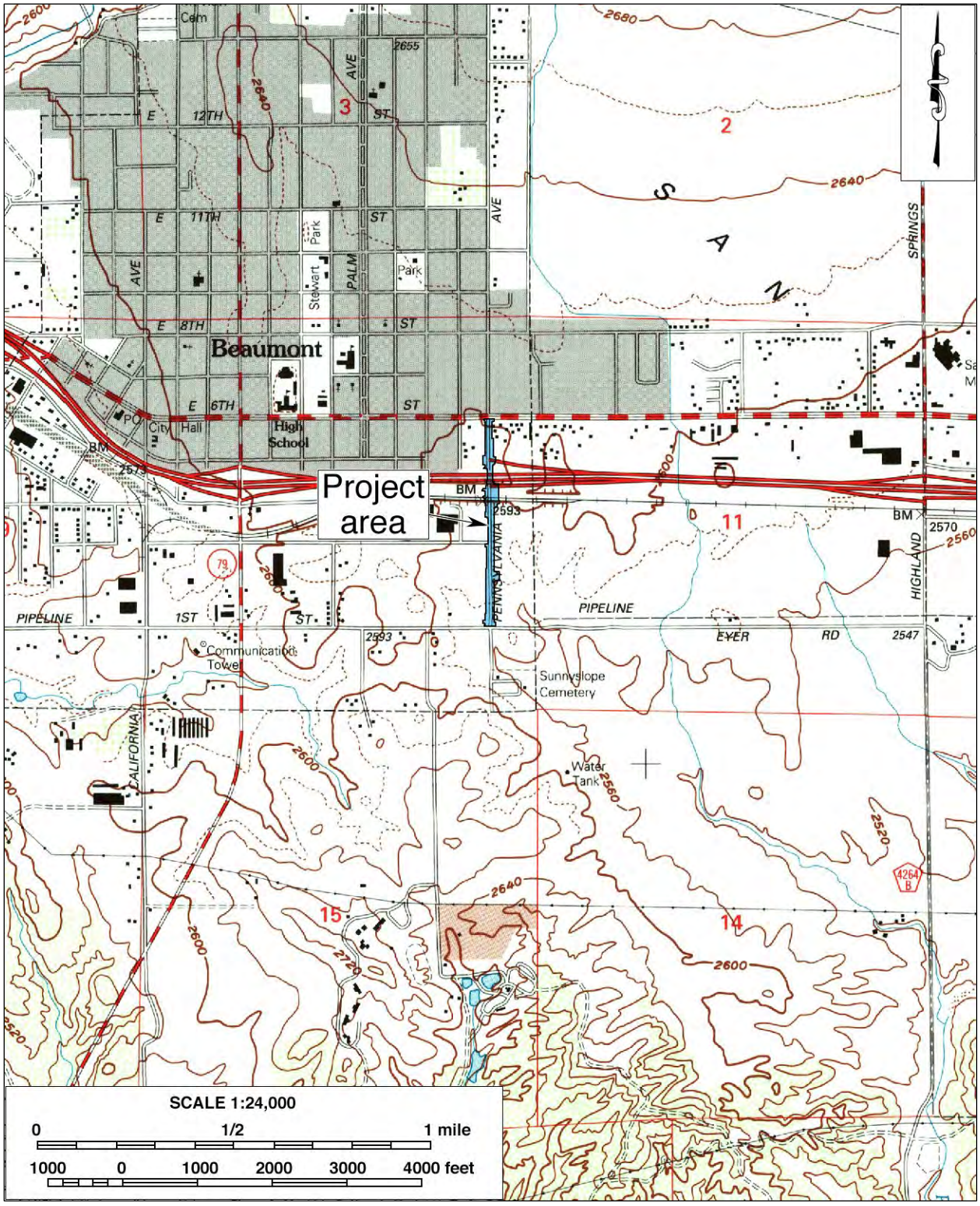

Figure 2. Project location. (Based on USGS Beaumont, Calif., 7.5' quadrangle, 1996 edition)

Figure 3. Aerial image of the project area.

carried out a systematic field survey. The following report is a complete account of the methods, results, and final conclusion of this study. Personnel who participated in the study are named in the appropriate sections below, and their qualifications are provided in Appendix 1.

PALEONTOLOGICAL RESOURCES

DEFINITION

Paleontological resources represent the remains of prehistoric life, exclusive of any human remains, and include the localities where fossils were collected as well as the sedimentary rock formations in which they were found. The defining character of fossils or fossil deposits is their geologic age, which is typically regarded as older than approximately 12,000 years, the generally accepted temporal boundary marking the end of the last late Pleistocene (circa 2.6 million to 12,000 years B.P.) glaciation and the beginning of the current Holocene epoch (circa 12,000 years B.P. to the present).

Common fossil remains include marine shells; the bones and teeth of fish, amphibians, reptiles, and mammals; leaf assemblages; and petrified wood. Fossil traces, another type of paleontological resource, include internal and external molds (impressions) and casts created by these organisms. These items can serve as important guides to the age of the rocks and sediments in which they are contained and may prove useful in determining the temporal relationships between rock deposits from one area and those from another as well as the timing of geologic events. They can also provide information regarding evolutionary relationships, development trends, and environmental conditions.

Fossil resources generally occur only in areas of sedimentary rock (e.g., sandstone, siltstone, mudstone, claystone, or shale). Because of the infrequency of fossil preservation, fossils, particularly vertebrate fossils, are considered nonrenewable paleontological resources. Occasionally fossils may be exposed at the surface through the process of natural erosion or because of human disturbances; however, they generally lay buried beneath the surficial soils. Thus, the absence of fossils on the surface does not preclude the possibility of their being present within subsurface deposits, while the presence of fossils at the surface is often a good indication that more remains may be found in the subsurface.

SIGNIFICANCE CRITERIA

According to guidelines proposed by Eric Scott and Kathleen Springer (2003) of the San Bernardino County Museum, paleontological resources can be considered to be of significant scientific interest if they meet one or more of the following criteria:

1. The fossils provide information on the evolutionary relationships and developmental trends exhibited among organisms, living or extinct;
2. The fossils provide data useful in determining the age(s) of the rock unit or sedimentary stratum, including data important in determining the depositional history of the region and the timing of geologic events therein;

3. The fossils provide data regarding the development of biological communities or the interactions between paleobotanical and paleozoological biota;
4. The fossils demonstrate unusual or spectacular circumstances in the history of life; and/or
5. The fossils are in short supply and/or in danger of being depleted or destroyed by the elements, vandalism, or commercial exploitation, and are not found in other geographic locations.

PALEONTOLOGICAL SENSITIVITY

The fossil record is unpredictable, and the preservation of organic remains is rare, requiring a particular sequence of events involving physical and biological factors. Skeletal tissue with a high percentage of mineral matter is the most readily preserved within the fossil record; soft tissues not intimately connected with the skeletal parts, however, are the least likely to be preserved (Raup and Stanley 1978). For this reason, the fossil record contains a biased selection not only of the types of organisms preserved but also of certain parts of the organisms themselves. As a consequence, paleontologists are unable to know with certainty, the quantity of fossils or the quality of their preservation that might be present within any given geologic unit.

Sedimentary units that are paleontologically sensitive are those geologic units (mappable rock formations) with a high potential to contain significant nonrenewable paleontological resources. More specifically, these are geologic units within which vertebrate fossils or significant invertebrate fossils have been determined by previous studies to be present or are likely to be present. These units include, but are not limited to, sedimentary formations that contain significant paleontological resources anywhere within their geographical extent as well as sedimentary rock units temporally or lithologically amenable to the preservation of fossils.

A geologic formation is defined as a stratigraphic unit identified by its lithic characteristics (e.g., grain size, texture, color, and mineral content) and stratigraphic position. There is a direct relationship between fossils and the geologic formations within which they are enclosed and, with sufficient knowledge of the geology and stratigraphy of a particular area, it is possible for paleontologists to reasonably determine the formation's potential to contain significant nonrenewable vertebrate, invertebrate, marine, or plant fossil remains.

The paleontological sensitivity for a geologic formation is determined by the potential for that formation to produce significant nonrenewable fossils. This determination is based on what fossil resources the particular geologic formation has produced in the past at other nearby locations. Determinations of paleontologic sensitivity must consider not only the potential for yielding vertebrate fossils but also the potential of yielding a few significant fossils that may provide new and significant taxonomic, phylogenetic, and/or stratigraphic data.

The Society of Vertebrate Paleontology issued a set of standard guidelines intended to assist paleontologists to assess and mitigate any adverse effects/impacts to nonrenewable paleontological resources. The guidelines defined four categories of paleontological sensitivity for geologic units that might be impacted by a proposed project, as listed below (Society of Vertebrate Paleontology 2010:1-2):

- **High Potential**: Rock units from which vertebrate or significant invertebrate, plant, or trace fossils have been recovered.

- **Undetermined Potential**: Rock units for which little information is available concerning their paleontological content, geologic age, and depositional environment.
- **Low Potential**: Rock units that are poorly represented by fossil specimens in institutional collections, or based on general scientific consensus only preserve fossils in rare circumstances.
- **No Potential**: Rock units that have no potential to contain significant paleontological resources, such as high-grade metamorphic rocks and plutonic igneous rocks.

SETTING

The City of Beaumont is located in the northern portion of the Peninsular Ranges province, which is bounded on the north by the Transverse Ranges province, to the northeast by the Colorado Desert province, and on the west by the Pacific Ocean (Jenkins 1980:40-41; Harms 1996:131). The Peninsular Ranges province extends southward to the southern tip of Baja California, and is made up of a series of northwest-southeast trending structural blocks consisting of uplifted mountains that are separated by valley basins developed along the intervening fault zones (Jahns 1954; Harden 2004:465).

The mountains in this region are made up mainly of igneous intrusive rocks, metasedimentary rocks, and some metavolcanic rocks (Harden 2004:466-468). The non-crystalline rocks in the western portion of the province consist of both metavolcanic and metasedimentary rocks that are mostly of Mesozoic age, while the eastern portion contains mainly metasedimentary rocks of Paleozoic and older age (*ibid*.:471-472). The crystalline basement rocks are present in both the western and eastern portions and consist mainly of Mesozoic-age granitic rocks with some scattered gabbroic intrusions (*ibid*.:466-468). The intervening valley basins are filled primarily with Pliocene to Recent nonmarine sedimentary rocks (Woodford et al. 1971:3421).

Russell (1932:Map 1) shows the project area to be within the San Gorgonio Pass portion of the Peninsular Ranges province, an east-west-trending narrow valley between the San Bernardino Mountains on the north and the San Jacinto Mountains on the south. He describes the Beaumont Plain as an area of older rocks that are not greatly affected by recent deposition but are being eroded by more recent weathering (*ibid*.:69-74). The San Gorgonio Pass, in fact, separates the Peninsular Range Province from the Transverse Range Province (Jenkins 1980:40-41; Harms 1996:131).

In the project area, Pennsylvania Avenue presents an overall rural appearance as a two-lane asphalt road with dirt or gravel shoulders, few curbs, and sporadic lighting. From the northern end at the intersection with Sixth Street, the road alignment crosses under Interstate Highway 10 (I-10) about 675 feet to the south and then the Union Pacific Railroad at grade some 150 feet further south before extending another 1, 975 feet to First Street. Despite the numeric sequence, no other streets cross the project area, though Third Street dead-ends at Pennsylvania Avenue from the west. A corner market and a self-service carwash are located on adjacent properties to the east at the intersection with Sixth Street. South of I-10 and the railroad tracks, a palette and truck trailer storage facility is located on the west side of the road. All other adjacent parcels are currently undeveloped (Figure 4).

The terrain in the project area is generally level, with elevations between 2,575 and 2,610 feet above mean sea level, inclining slightly to the north. The ground surface in the entire project area has been

Figure 4. Overview of the current natural setting of the project area. (Photograph taken on December 1, 2020; view to the north)

greatly disturbed by construction activities associated with the roadways, the railroad, and nearby buildings as well as agricultural operations in the past. Soils in the vicinity consist of medium-yellowish brown sandy silt mixed with some rocks. Vegetation is sparse within the public rights-of-way but becomes denser on open fields nearby, and include foxtails, tumbleweeds, wild mustard, datura, and other common grasses and shrubs (Figure 4). Introduced landscaping plants dominate around the developed parcels.

METHODS AND PROCEDURES

RECORDS SEARCHES

The records searches service for this study were provided to Moffatt and Nichol by the San Bernardino County Museum (SBCM), Division of Earth Sciences, in Redlands, California, in 2018. The records search results were reviewed during this study and used to identify known previously performed paleontological resource assessments as well as known paleontological localities within a one-mile radius of the project area. The SBCM is an official repository that maintains files of regional paleontological localities as well as supporting maps and documents.

LITERATURE REVIEW

In conjunction with the records searches, project paleontologist Ben Kerridge pursued a literature review on the project area and vicinity. Sources consulted during the review include primarily

topographic, geologic, and soil maps of the Beaumont area, published geologic literature pertaining to the project location, the Riverside County General Plan and Geographic Information System, satellite and aerial images available at the Nationwide Environmental Title Research (NETR) Online website and through the Google Earth software, and other materials in the CRM TECH library, including unpublished reports produced during similar surveys in the vicinity.

FIELD SURVEY

On December 1, 2020, CRM TECH paleontological surveyor Daniel Ballester carried out the field survey of the project area. The survey was completed on foot by walking a single transect along each side of the existing roadway and visually inspecting the surrounding ground surface. In this way, the project area was systematically examined to determine soil types, verify the geological formations, and search for indications of paleontological remains. Visibility of the natural ground surface varied widely, with some areas having poor visibility due to dense vegetation growth, gravel, or pavement and other areas featuring almost fully exposed native soil.

RESULTS AND FINDINGS

RECORDS SEARCHES

The records search by the SBCM identified no known paleontological localities within the project area or a one-mile radius (Gilbert 2018:2; see Appendix 2). However, existing records indicate the presence of one paleontological locality about five miles to the northwest that was found in similar soils to those occurring in the project vicinity (*ibid.*). In addition, "dozens of paleontological resource localities" have been reported within three miles to the south but from much older soils that are not found in the project vicinity (*ibid.*).

The SBCM described the soils in the project area as late-to-middle Pleistocene-aged Old Alluvial Valley Deposits (*Qof*) and middle-to-early Pleistocene-aged Very Old Alluvial Fan Deposits (*Qvof*), which are known to contain fossil remains of mammoth, mastodon, ground sloths, dire wolf, short-faced bear, sabre-toothed cat, large and small horses, large and small camels, and bison (Gilbert 2018:1-2). Therefore, the SBCM assigned the project area a "high potential to yield significant nonrenewable paleontological resources subject to adverse impact during development related excavation" (*ibid.*:2).

LITERATURE REVIEW

The surface geology in the project area was mapped by Rogers (1965) as *Qc*, or nonmarine sediments from the Pleistocene age. Dibblee (2003) mapped the surface geology in the project area as *Qf*, or alluvial fan of San Gorgonio Pass, derived from sand and gravel of plutonic and gneissic detritus originating from the San Bernardino Mountains to the north, Pleistocene in age (Figure 5). Riverside County paleontological sensitivity maps classified the project location as Undetermined Sensitivity (RCIT 2021). According to definitions outlined in the County's General Plan:

> Areas underlain by sedimentary rocks for which literature or unpublished studies are not available have undetermined potential for containing significant paleontological resources. These areas need to

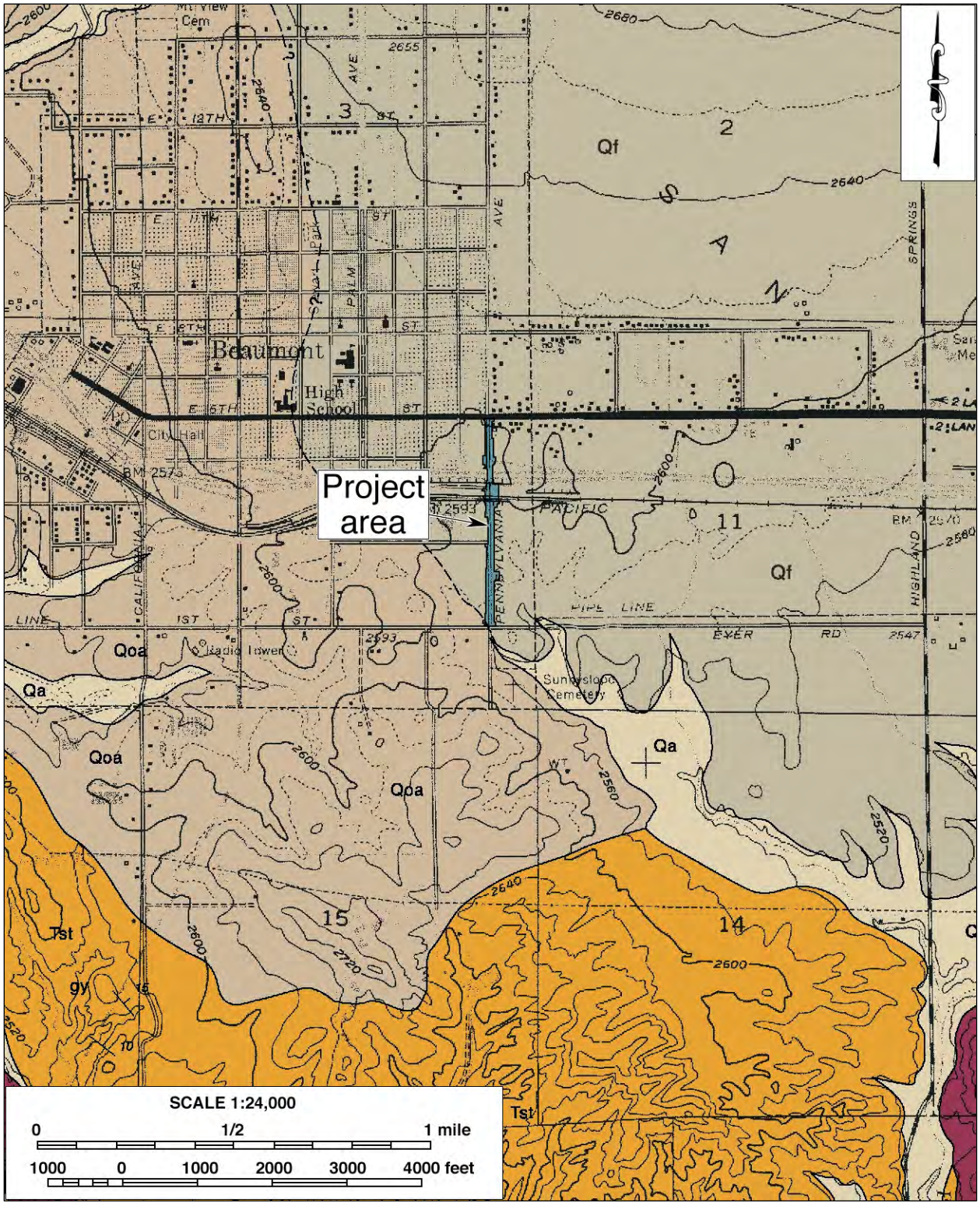

Figure 5. Geologic map of the project vicinity. (Based on Dibblee 2003)

be inspected by a qualified vertebrate paleontologist before a specific determination of high potential or low potential can be assigned. (County of Riverside 2015:4.9-11)

FIELD SURVEY

Throughout the course of the field survey, no surface manifestation of any paleontological remains was observed within the project area. It was noted during the survey, however, that the ground surface in virtually the entire project area has been extensively disturbed in the past, as discussed above, and no longer represents an accurate reflection of the paleontological sensitivity of the native soils in the vicinity.

CONCLUSION AND RECOMMENDATIONS

CEQA guidelines (Title 14 CCR App. G, Sec. V(c)) require that public agencies in the State of California determine whether a proposed project would "directly or indirectly destroy a unique paleontological resource" during the environmental review process. The present study, conducted in compliance with this provision, is designed to identify any significant, non-renewable paleontological resources that may exist within or adjacent to the project area, and to assess the possibility for such resources to be encountered in future excavation and construction activities.

In summary of the research results presented above, although no paleontological localities were previously found in the project area and no surface manifestation of any fossil remains were observed during the field survey, the prevailing sediments in the project area have been identified as Pleistocene-age alluvium, which generally has a high potential to contain significant, nonrenewable fossil remains. Due to past disturbance by construction and agricultural activities, the surface soils in the project area no longer represent an accurate reflection of the paleontological sensitivity of the native soils in the vicinity.

Based on these findings, CRM TECH concludes that the proposed project's potential to impact significant, nonrenewable paleontological resources appears to be high in the undisturbed native soils below surface and recommends that a paleontological resource impact mitigation program be developed and implemented during the project to prevent such impacts or reduce them to a level less than significant. The mitigation program should be developed in accordance with the provisions of CEQA (Scott and Springer 2003) as well as the proposed guidelines of the Society of Vertebrate Paleontology (2010), and should include but not be limited to the following components:

- All earth-moving operations reaching beyond the disturbed surface soils, generally five to six feet in depth within the existing roadbed and two to three feet in depth elsewhere, should be monitored by a qualified paleontological monitor. The monitor should be prepared to quickly salvage fossils as they are unearthed to avoid construction delays and should collect samples of sediments that are likely to contain fossil remains of small vertebrates or invertebrates. However, the monitor must have the power to temporarily halt or divert grading equipment to allow for the removal of abundant or large specimens.
- Collected samples of sediment should be processed to recover small fossils, and all recovered specimens should be identified and curated at a repository with permanent retrievable storage.

- A report of findings, including an itemized inventory of recovered specimens, should be prepared upon completion of the procedures outlined above. The report should include a discussion of the significance of the paleontological findings, if any. The report and the inventory, when submitted to the City of Beaumont, would signify completion of the program to mitigate potential impacts on paleontological resources.

Under this condition, the proposed project may be cleared to proceed in compliance with CEQA provisions on paleontological resources.

REFERENCES

County of Riverside
2015 County of Riverside General Plan. https://gis.countyofriverside.us/Html5Viewer/?viewer=MMC_Public.

Dibblee, Thomas W., Jr.
2003 Geologic Map of the Beaumont Quadrangle, Riverside County, California. Dibblee Geology Center Map #DF-114. Santa Barbara, California.

Gilbert, Ian
2018 Paleontology Literature/Records Review, Pennsylvania Avenue Interchange Improvements Project, Pennsylvania Avenue Widening Project and Pennsylvania Avenue Grade Separation Project. Letter report prepared for Moffatt and Nichol by the San Bernardino County Museum, Division of Earth Sciences, Redlands, California. (See Appendix 2)

Harden, Deborah R.
2004 *California Geology*. Prentice Hall, Upper Saddle River, New Jersey.

Harms, Nancy S.
1996 *A Precollegiate Teachers Guide to California Geomorphic/Physiographic Provinces*. National Association of Geoscience Teachers, Far West Section, Concord, California.

Jahns, R.H.
1954 Geology of the Peninsular Range Province, Southern California and Baja California. In R.H. Jahns (ed.): *Geology of Southern California*; Chapter II. California Division of Mines Bulletin 170, Part 3. San Francisco.

Jenkins, Olaf P.
1980 Geomorphic Provinces Map of California. *California Geology* 32(2):40-41.

Raup, David M., and Steven M. Stanley
1978 *Principle of Paleontology*. W.H. Freeman and Company, San Francisco.

RCIT (Riverside County Information Technology)
2020 Map My County. https://gis.countyofriverside.us/Html5Viewer/?viewer=MMC_Public.

Rogers, Thomas H.
1965 Geological Map of California, Santa Ana Sheet (1:250,000). California Division of Mines and Geology, Sacramento.

Russell, Richard Joel
1932 Land Forms of San Gorgonio Pass, Southern California. *University of California Publications in Geography* 6(2):23-121.

Scott, Eric, and Kathleen Springer
2003 CEQA and Fossil Preservation in California. *Environmental Monitor* Fall:4-10. Association of Environmental Professionals, Sacramento, California.

Society of Vertebrate Paleontology
2010 Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources. http://vertpaleo.org/Membership/Member-Resources/SVP_Impact_Mitigation_Guidelines.aspx.

Woodford, Alfred O., John S. Shelton, Donald O. Doehring, and Richard K. Morton
1971 Pliocene-Pleistocene History of the Perris Block, Southern California. *Geological Society of America Bulletin* 82(12):3421-3448.

APPENDIX 1

PERSONNEL QUALIFICATIONS

PRINCIPAL INVESTIGATOR
Michael Hogan, Ph.D., RPA*

Education

1991	Ph.D., Anthropology, University of California, Riverside.
1981	B.S., Anthropology, University of California, Riverside; with honors.
1980-1981	Education Abroad Program, Lima, Peru.
2002	Section 106—National Historic Preservation Act: Federal Law at the Local Level. UCLA Extension Course #888.
2002	"Recognizing Historic Artifacts," workshop presented by Richard Norwood, Historical Archaeologist.
2002	"Wending Your Way through the Regulatory Maze," symposium presented by the Association of Environmental Professionals.
1992	"Southern California Ceramics Workshop," presented by Jerry Schaefer.
1992	"Historic Artifact Workshop," presented by Anne Duffield-Stoll.

Professional Experience

2002-	Principal Investigator, CRM TECH, Riverside/Colton, California.
1999-2002	Project Archaeologist/Field Director, CRM TECH, Riverside.
1996-1998	Project Director and Ethnographer, Statistical Research, Inc., Redlands.
1992-1998	Assistant Research Anthropologist, University of California, Riverside
1992-1995	Project Director, Archaeological Research Unit, U. C. Riverside.
1993-1994	Adjunct Professor, Riverside Community College, Mt. San Jacinto College, U.C. Riverside, Chapman University, and San Bernardino Valley College.
1991-1992	Crew Chief, Archaeological Research Unit, U. C. Riverside.
1984-1998	Archaeological Technician, Field Director, and Project Director for various southern California cultural resources management firms.

Research Interests

Cultural Resource Management, Southern Californian Archaeology, Settlement and Exchange Patterns, Specialization and Stratification, Culture Change, Native American Culture, Cultural Diversity.

Cultural Resources Management Reports

Author and co-author of, contributor to, and principal investigator for numerous cultural resources management study reports since 1986.

Memberships

* Register of Professional Archaeologists; Society for American Archaeology; Society for California Archaeology; Pacific Coast Archaeological Society; Coachella Valley Archaeological Society.

PROJECT PALEONTOLOGIST/REPORT WRITER
Ben Kerridge, M.A.

Education

2019-2020	Physical Geology, California Geology, and Historical Geology Coursework, Fullerton College, Fullerton, California.
2014	Archaeological Field School, Institute for Field Research, Kephallenia, Greece.
2010	M.A., Anthropology, California State University, Fullerton.
2009	Project Management Training, Project Management Institute/CH2M HILL, Santa Ana, California.
2004	B.A., Anthropology, California State University, Fullerton.

Professional Experience

2015-	Project Archaeologist/Paleontologist/Report Writer, CRM TECH, Colton, California.
2015	Teaching Assistant, Institute for Field Research, Kephallenia, Greece.
2009-2014	Publications Delivery Manager, CH2M HILL, Santa Ana, California.
2010-	Naturalist, Newport Bay Conservancy, Newport Beach, California.
2006-2009	Technical Publishing Specialist, CH2M HILL, Santa Ana, California.

PALEONTOLOGICAL SURVEYOR/FIELD DIRECTOR
Daniel Ballester, M.S.

Education

2013	M.S., Geographic Information System (GIS), University of Redlands, California.
1998	B.A., Anthropology, California State University, San Bernardino.
1997	Archaeological Field School, University of Las Vegas and University of California, Riverside.
1994	University of Puerto Rico, Rio Piedras, Puerto Rico.

- Cross-trained in paleontological field procedures and identifications by CRM TECH Geologist/Paleontologist Harry M. Quinn.

Professional Experience

2002-	Field Director/GIS Specialist, CRM TECH, Riverside/Colton, California.
1999-2002	Project Paleontologist/Archaeologist, CRM TECH, Riverside, California.
1998-1999	Field Crew, K.E.A. Environmental, San Diego, California.
1998	Field Crew, A.S.M. Affiliates, Encinitas, California.
1998	Field Crew, Archaeological Research Unit, University of California, Riverside.

APPENDIX 2

RECORDS SEARCH RESULTS

(Confidential)

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SAN BERNARDINO COUNTY

San Bernardino County Museum
Division of Earth Sciences

Ian Gilbert
Curator of Earth Sciences

email:
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14 September, 2018

Moffatt & Nichol
Attn: Eric Turner
3780 Kilroy Airport Way, Suite 600
Long Beach, CA 92324

PALEONTOLOGY LITERATURE / RECORDS REVIEW, Pennsylvania Avenue Interchange Improvements Project, Pennsylvania Avenue Widening Project and Pennsylvania Avenue Grade Separation Project

Dear Mr. Turner,

The Division of Earth Sciences of the San Bernardino County Museum (SBCM) has completed a literature review and records search for the above-named projects in Riverside County, California. The proposed transportation improvements projects are located at the Pennsylvania Avenue and Interstate-10 Interchange; Pennsylvania Avenue from E. 1st Street to E. 6th Street; and Pennsylvania Avenue and Union Pacific Railroad (UPRR) at-grade track crossing, Section 10, Township 3 South, Range 1 West, San Bernardino Baseline and Meridian, as shown on the Beaumont, California, United States Geological Survey (USGS) 7.5 minute topographic quadrangle map (1953 edition – Photorevised, 1988).

Previous geologic mapping (Rogers, 1965; Dibblee and Minch, 2003; Lancaster et al., 2012) indicates that the study area is situated upon surface exposures of late-to-middle Pleistocene-aged Old Alluvial Valley Deposits (= **Qof**) and middle-to-early Pleistocene-aged Very Old Alluvial Fan Deposits (= **Qvof**)(fig. 1). Pleistocene-aged sediments elsewhere throughout much of inland southern California, particularly in Riverside and San Bernardino Counties of the Inland Empire, have been reported to yield significant fossils of plants and extinct Ice Age animals (Jefferson, 1991; Reynolds and Reynolds, 1991; Woodburne, 1991; Springer and Scott, 1994; Scott, 1997; Springer et al., 1998, 1999, 2007, 2009, 2010; Anderson et al., 2002). Fossils recovered from these Pleistocene-aged sediments represent extinct taxa including mammoth, mastodon, ground

sloths, dire wolf, short-faced bear, sabre-toothed cat, large and small horses, large and small camels, and bison (Jefferson, 1991; Reynolds and Reynolds, 1991; Woodburne, 1991; Scott, 1997; Springer et al., 2009). For this reason, Pleistocene-aged sediments in this region have demonstrated high potential to yield significant nonrenewable paleontological resources subject to adverse impact during development related excavation, and are therefore assigned high paleontological sensitivity.

For this review, I conducted a search of the Regional Paleontological Locality Inventory (RPLI) at the SBCM and a literature search through the SBCM Earth Sciences library. The results of this search indicate that no recorded paleontological resource localities are present within the proposed project boundaries. Furthermore, no resource localities are recorded by the SBCM within one mile of the proposed project in any direction. However, one paleontological locality (SBCM 1.95.5) is located about five (~5) miles northwest of the proposed study area. This locality yielded an extinct Ice Age camel (*Camelops* sp.), and was collected within sediment lithologies mapped (Rogers, 1965; Dibblee and Minch, 2003; Lancaster et al., 2012) as similar to those found within the proposed project boundaries. Additionally, dozens of paleontological resource localities are present within three (3) miles south of the proposed study area (fig. 1). However, these fossils were found within units mapped (Dibblee and Minch, 2003) as Pleistocene-Pliocene-aged San Timoteo (?) Formation, units not found within the boundaries of the proposed study area.

Riverside County's Paleontological Resource Sensitivity Map (RCPTSM) indicates that the project is located on sedimentary rocks that have undetermined potential to adversely impact fossil resources.

Recommendations

The results of the literature review, the RPLI at the SBCM, and the search of the RCPTSM demonstrate that the proposed interchange improvement projects in the City of Beaumont, CA, has an undetermined paleontological sensitivity. Excavation into previously undisturbed surficial and subsurface exposures of late-to-middle Pleistocene-aged Old Alluvial Valley Deposits (**Qof**) and middle-to-early Pleistocene-aged Very Old Alluvial Fan Deposits (**Qvof**) (fig. 1) within the boundaries of the proposed project sites may have high potential to adversely impact significant nonrenewable paleontological resources. Prior to the initiation of excavation activities, a field reconnaissance survey of the proposed projects shall be conducted by a qualified vertebrate

paleontologist to assess paleontological sensitivity in more detail to more fully assess fossil-bearing potential of the sediments, and to recover any exposed paleontological remains.

If the field survey results demonstrate a high potential for nonrenewable fossil resources to be impacted during the excavation phase of the proposed projects, a paleontological resource impact mitigations program (PRIMP) must then be developed by a qualified vertebrate paleontologist to mitigate these impacts. This mitigation program must include curation of recovered resources (Scott et al., 2004) and be consistent with the provisions of the California Environmental Quality Act (Scott and Springer, 2003), as well as with regulations currently implemented by the County of Riverside and the proposed guidelines of the Society of Vertebrate Paleontology. This program would have to include, but not be limited to:

1. Monitoring of excavation in areas identified as likely to contain paleontological resources by a qualified paleontological monitor. Paleontological monitors should be equipped to salvage fossils as they are unearthed to avoid construction delays and to remove samples of sediments which are likely to contain the remains of small fossil invertebrates and vertebrates. Monitors must be empowered to temporarily halt or divert equipment to allow removal of abundant or large specimens. Monitoring may be reduced if the potentially-fossiliferous units described herein are not present, or if present, are determined upon exposure and examination by qualified paleontological personnel to have low potential to contain fossil resources.

2. Preparation of recovered specimens to a point of identification and permanent preservation, including screen-washing of sediments and microscopic examination of residual materials to recover small invertebrates and vertebrates (Scott et al., 2004).

3. Identification and curation of specimens into a professional, accredited museum repository with permanent retrievable storage. The paleontologist should have a written repository agreement in hand prior to the initiation of mitigation activities. Mitigation of adverse impacts to significant paleontological resources is not complete until such curation into an established museum repository has been fully completed and documented.

4. Preparation of a report of findings with an appended itemized inventory of specimens. This report and inventory, when submitted to the appropriate Lead Agency along with confirmation of the curation of recovered specimens into an established, accredited

museum repository, would signify completion of the program to mitigate impacts to paleontological resources.

References

Anderson, R.S., M.J. Power, S.J. Smith, K.B. Springer and E. Scott, 2002. Paleoecology of a Middle Wisconsin deposit from southern California. Quaternary Research 58(3): 310-317.

Dibblee, T. W., and J.A. Minch, 2003. Geologic map of the Beaumont quadrangle, Riverside County, California. Santa Barbara, CA: Santa Barbara Museum of Natural History.

Jefferson, G.T., 1991. A catalogue of late Quaternary vertebrates from California: Part Two, mammals. Natural History Museum of Los Angeles County Technical Reports, No. 7.

Lancaster, J.T., C.A. Hayhurst, and T.L. Bedrossian, 2012. Preliminary geologic map of Quaternary surficial deposits in southern California, Palm Springs 30" X 60" Quadrangle. Geologic Compilation of Quaternary Surficial Deposits in Southern California. CGS Special Report 217, Plate 24. Scale: 1:100,000.

Reynolds, R.E. and R.L. Reynolds, 1991. The Pleistocene beneath our feet: near-surface Pleistocene fossils in inland southern California basins, in Inland Southern California: the last 70 million years, M.O. Woodburne, S.F.B. Reynolds, and D.P. Whistler, eds. Redlands, San Bernardino County Museum Special Publication 38(3&4), p. 41-43.

Rogers, T.H., (1965). Geologic map of California, Santa Ana sheet. California Division of Mines and Geology. Scale 1:250,000.

Scott, E., 1997. A review of *Equus conversidens* in southern California, with a report on a second, previously-unrecognized species of Pleistocene small horse from the Mojave Desert. Journal of Vertebrate Paleontology 17(3): 75-A.

Scott, E. and K. Springer, 2003. CEQA and fossil preservation in southern California. The Environmental Monitor, Fall 2003, p. 4-10, 17.

Scott, E., K. Springer and J.C. Sagebiel, 2004. Vertebrate paleontology in the Mojave Desert: the continuing importance of "follow-through" in preserving paleontologic resources. In M.W. Allen and J. Reed (eds.) The human journey and ancient life in California's deserts: Proceedings from the 2001 Millennium Conference. Ridgecrest: Maturango Museum Publication No. 15, p. 65-70.

Springer, K.B. and E. Scott, 1994. First record of late Pleistocene vertebrates from the Domenigoni Valley, Riverside County, California. Journal of Vertebrate Paleontology 14 (3): 47A.

Springer, K., E. Scott, J.C. Sagebiel, and L.K. Murray, 2007. The Diamond Valley Lake Local Fauna: late Pleistocene vertebrates from inland southern California. Journal of Vertebrate Paleontology 27(3): 151A.

Springer, K., E. Scott, J.C. Sagebiel, and L.K. Murray, 2009. The Diamond Valley Lake local fauna: late Pleistocene vertebrates from inland southern California. In L.B. Albright III (ed.), Papers on geology, vertebrate paleontology, and biostratigraphy in honor of Michael O. Woodburne. Museum of Northern Arizona Bulletin 65:217-235.

Springer, K., E. Scott, J.C. Sagebiel, and L.K. Murray, 2010. Late Pleistocene large mammal faunal dynamics from inland southern California: the Diamond Valley Lake local fauna. In E. Scott and G. McDonald (eds.), Faunal dynamics and extinction in the Quaternary: Papers honoring Ernest L. Lundelius, Jr. Quaternary International 217: 256-265.

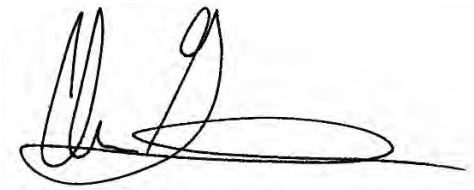
Springer, K.B., E. Scott, L.K. Murray and W.G. Spaulding, 1998. Partial skeleton of a large individual of Mammut americanum from the Domenigoni Valley, Riverside County, California. Journal of Vertebrate Paleontology 18(3): 78-A.

Springer, K.B., E. Scott, J.C. Sagebiel and K.M. Scott, 1999. A late Pleistocene lake edge vertebrate assemblage from the Diamond Valley, Riverside County, California. Journal of Vertebrate Paleontology 19(3): 77-A.

Woodburne, M.O., 1991. The Cajon Valley, in Inland Southern California: the last 70 million years, M.O. Woodburne, S.F.B. Reynolds, and D.P. Whistler, eds. Redlands, San Bernardino County Museum Special Publication 38(3&4), p. 41-43.

Please do not hesitate to contact us with any further questions that you may have.

Sincerely,



Ian Gilbert, Curator of Earth Sciences
Division of Earth Sciences
San Bernardino County Museum

Figures (CONFIDENTIAL)

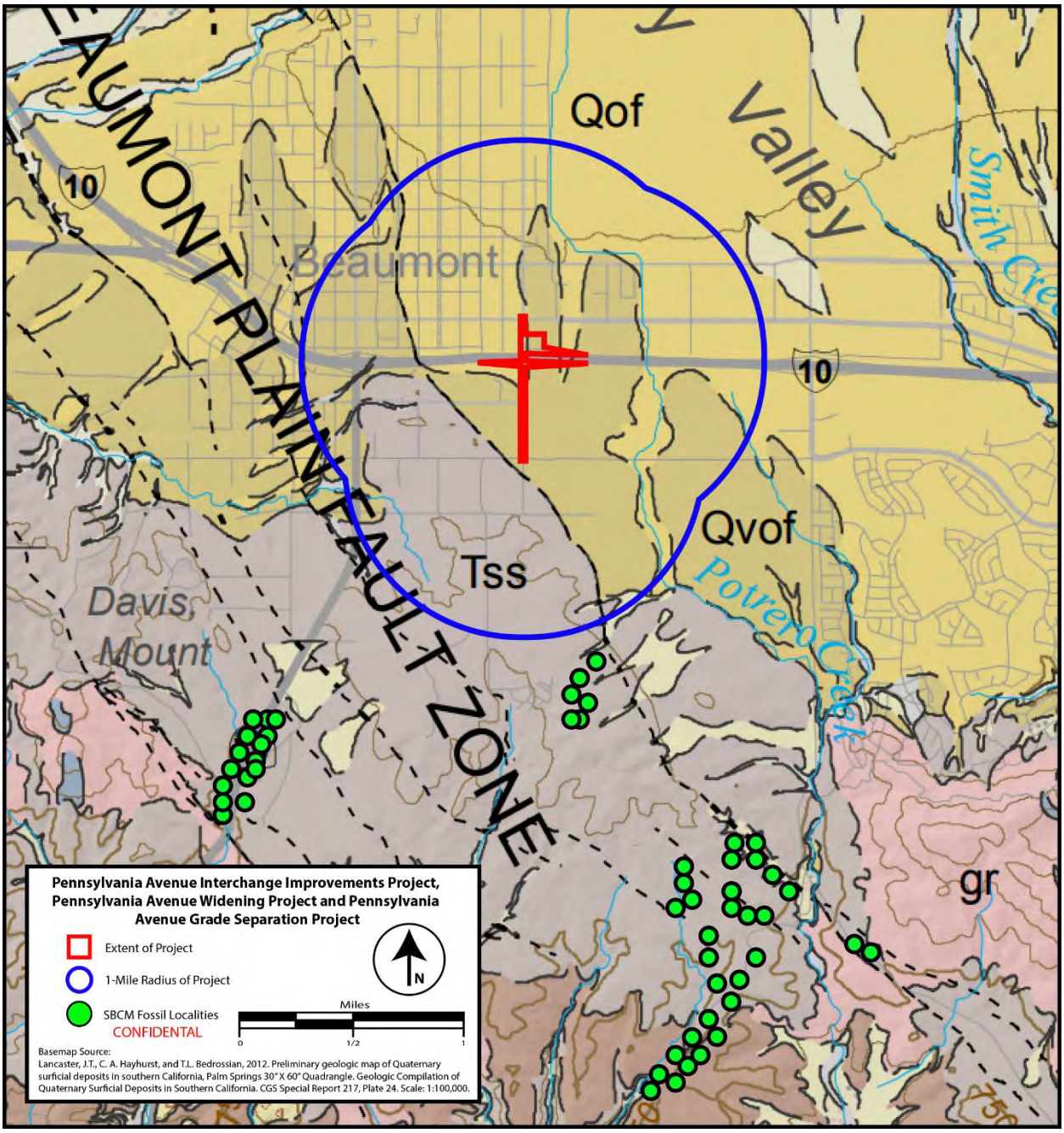


Figure 1.

Appendix F

Initial Site Assessment Pennsylvania Avenue Widening

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INITIAL SITE ASSESSMENT
PENNSYLVANIA AVENUE WIDENING AND GRADE SEPARATION ISA
RIVERSIDE COUNTY, CALIFORNIA

DRAFT

Prepared for:

Moffatt and Nichol

3780 Kilroy Airport Way, Suite 600
Long Beach, California 90806

Project No. 12091.001

September 12, 2018

Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

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Figure 2 - Site Plan
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1.0 INTRODUCTION

1.1 Authorization

Leighton Consulting, Inc. (Leighton Consulting) performed an Initial Site Assessment (ISA) for the proposed Pennsylvania Avenue Widening and Grade Separation Project (i.e. "Project"), in the City of Beaumont and County of Riverside, California (collectively referred to as the "Site") in accordance with Moffat & Nichol's authorization for the City of Beaumont (City), the Project Proponent.

1.2 Purpose

The purpose of the ISA was to identify, to the extent feasible pursuant to the processes prescribed in ASTM International (ASTM) E1527-13 and the California Department of Transportation (Caltrans) Project Development Procedures Manual, Guidelines for ISA (Caltrans, 2006), recognized environmental conditions (RECs), historical RECs (HRECs), or controlled RECs (CRECs) in connection with the project.

- RECs are defined, according to ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimus conditions are not RECs."

- HRECs are defined, according to ASTM E1527-13 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls."

- CRECs are defined, according to ASTM E1527-13 as "a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls."

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- De minimus conditions are defined by ASTM 1527-13 as “a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are, not recognized environmental conditions nor controlled recognized environmental conditions.” (ASTM E1527-13, 2013).

1.3 Scope of Work

The scope of work was performed in accordance with Leighton Consulting’s proposal and included the following tasks:

- A reconnaissance-level visit of the project for evidence of the release(s) of hazardous materials and petroleum products and to assess the potential for onsite releases of hazardous materials and petroleum products;
- Records Review (including review of previous environmental reports, selected governmental databases, and historical review); and
- Preparation of a report presenting our findings.

1.4 Significant Assumptions

Leighton Consulting assumes that the information provided by the client and its agents, regulatory database provider, and regulatory agencies is true and reliable.

1.5 Limitations and Exceptions

Site specific activities performed by Leighton Consulting and information collected regarding these activities are summarized in the following sections. The findings of this ISA are presented in Section 8.

This ISA was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions.

Leighton Consulting conducted the site reconnaissance within public rights-of-way; neighboring private properties were observed from the property boundaries.

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Leighton Consulting personnel did not conduct a User or Owner interview because there is no property purchase associated with the Project and persons were not available that had detailed information regarding the Site.

Historical information (e.g., topographic maps and aerial photographs) prior to 1901 was not available for review by Leighton Consulting. Data gaps are noted in Section 6.3.

The observations and conclusions presented in this report are professional opinions based on the scope of activities, work schedule, and information obtained through the ISA described herein. Opinions presented herein apply to site conditions existing at the time of our study and cannot necessarily be taken to apply to site conditions or changes that we are not aware of or have not had the opportunity to evaluate. It must be recognized that conclusions drawn from these data are limited to the amount, type, distribution, and integrity of the information collected at the time of the investigation and the methods utilized to collect and evaluate the data and that a full and complete determination of environmental risks cannot be made. Although Leighton Consulting has taken steps to obtain true copies of available information, we make no representation or warranty with respect to the accuracy or completeness of this information provided by others.

This practice does not address whether requirements in addition to all appropriate inquiry have been met in order to qualify for the landowner liability protections including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations, or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations. Users should also be aware that other legal obligations may be present with regard to hazardous substances or petroleum products discovered on the Site that are not addressed in this practice that may pose risks of civil and/or criminal sanctions for non-compliance.

1.6 Special Terms and Conditions

The scope of work for this ISA did not include testing of electrical equipment for the presence of polychlorinated biphenyls (PCBs) or collection of other environmental samples such as soil, air, water, building materials, or paint; assessment of natural hazards such as naturally occurring asbestos, radon gas,

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or methane gas; assessment of the potential presence of radionuclides; or assessment of non-chemical hazards such as the potential for damage from earthquakes or floods or the presence of endangered species, wetlands, or wildlife habitats. This ISA also did not include an extensive assessment of the environmental compliance status of the Project or of the businesses operating in the immediate vicinity of the Project or a health-based risk assessment.

1.7 User Reliance

This report is for the exclusive use of the Moffat & Nichol, City of Beaumont (City), and the California Department of Transportation (Caltrans). Use of this report by other party shall be at such party's sole risk.

1.8 Important Information about This Geoenvironmental Report

The client is referred to Appendix E regarding important information provided by the Geoprofessional Business Association (GBA) on geoenvironmental studies and reports.

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2.0 SITE DESCRIPTION

2.1 Project Location and Description

2.1.1 The Pennsylvania Avenue Widening Project

The Project proposes to widen and add two additional lanes to Pennsylvania Avenue between 1st Street and 6th Street, a distance of approximately 2,800 feet, in the City of Beaumont. Widening along the west side of Pennsylvania Avenue would vary between 0 feet and 14 feet. Widening along the east side of Pennsylvania Avenue would vary between 0 feet and 16 feet. The additional lanes within these limits would result in a four lane Major Highway per the City of Beaumont General Plan Circulation Element. A new tee intersection would be provided along the east side of Pennsylvania Avenue for the future extension of 2nd Street under a future separate project. Pedestrian access would be provided for the length of the Project and impacted intersections would be brought up to current Americans with Disabilities Act (ADA) standards with 10 new curb ramps and 5 updated curb ramps.

2.1.2 The Pennsylvania Avenue Grade Separation Project

The Pennsylvania Avenue Grade Separation Project (Project) will lower Pennsylvania Avenue under the existing Union Pacific Railroad (UPRR) track. The Project would be constructed within the footprint of the proposed widened Pennsylvania Avenue. Excavation down to approximately 30 feet would be required to construct the underpass.

2.1.3 Site Description

A roadway easement from Union Pacific Railroad (UPRR) would be required for widening Pennsylvania Avenue south of Interstate 10 within the railroad right-of-way. Several partial takes that are generally between 4 to 16 feet in width and temporary construction easements (TCEs) will also be required along Pennsylvania Avenue between East 6th Street and 1st Street for sidewalk and driveway purposes. The table below summarizes the right-of-way requirements. Figure 3 depicts the location of the right-of-way requirements and associated assessor's parcel

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numbers (APNs). The proposed Project limits along Pennsylvania Avenue between East 1st Street and East 6th Street where earthwork will occur, including the acquisition parcels and TCEs, is considered the "Site".

Assessor Parcel No.	Current Use	Address	Acquisition Type
418-122-028	Vacant land	No address	Partial take/TCE
418-122-021	Vacant land	No address	Partial take/TCE
418-160-006	Vacant land	No address	Partial take/TCE
418-123-017	Beaumont Market and Laundromat	1201 E 6th Street, Beaumont, CA	Partial take/TCE
418-123-015	Beaumont Auto Spa	560 E Pennsylvania Avenue, Beaumont, CA	Partial take/TCE
418-123-011	Vacant land	No address	Partial take/TCE
418-123-003	Vacant land	No address	Partial take/TCE
418-160-007	Vacant land	No address	Partial take/TCE
418-360-003	Vacant land	No address	Partial take/TCE
418-360-009	Vacant land	No address	Partial take/TCE
418-240-009	Priority Pallet facility	1060 E 3rd Street, Beaumont, CA	Partial take/TCE
418-240-011	Vacant land	No address	Partial take/TCE
418-250-006	Vacant land	No address	Partial take/TCE
418-250-008	Vacant land	No address	Partial take/TCE
418-250-009	Vacant land	No address	Partial take/TCE

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2.2 Purpose and Need

2.2.1 Pennsylvania Avenue Widening

The purpose of the Pennsylvania Avenue Widening Project is to provide the City of Beaumont with adequate roadway and pedestrian infrastructure

consistent with the City's Circulation Element and to accommodate area growth projections.

2.2.2 Pennsylvania Avenue Grade Separation

The purpose of the Pennsylvania Avenue Grade Separation Project is to provide the City of Beaumont with safe vehicular and pedestrian access traveling north and south along Pennsylvania Avenue at the UPRR track crossing.

At-grade roadway and rail crossings create a conflict point between passing trains and vehicles and pedestrians traveling along Pennsylvania Avenue. As projected growth continues in the City, this conflict point will continue to impede the flow of vehicles and create an increased potential safety issue for through-traffic, vehicles accessing Interstate 10, and for pedestrians.

Population growth is anticipated to continue in the City of Beaumont resulting from the development of new homes and businesses. Existing roadway widths and lack of sidewalk facilities along Pennsylvania Avenue between 1st Street and 6th Street are not adequate to handle future traffic volumes and pedestrian access based on projected growth in the City.

The ISA is conducted for the purpose of identifying RECs associated with the Site and surrounding vicinity that may adversely affect the Project and providing recommendations to mitigate these affects.

2.3 Current Use of the Site

The Site consisting of Pennsylvania Avenue and the UPRR track is used for transportation purposes. Structures are not located on the Site. The acquisition and TCE areas are depicted on Figure 3 and generally consist of vacant undeveloped land with the exception of the following:

- 560 East Pennsylvania Avenue, APN 418-123-015, occupied by Beaumont Auto Space, a self-service car wash. The acquisition and TCE areas consist of paved parking lot areas between Pennsylvania Avenue and the buildings.
- 1201 East 6th Street, APN 418-123-015, occupied by Beaumont Market and Laundromat. The acquisition and TCE areas consist of paved parking lot areas between Pennsylvania Avenue and the buildings.

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- 1060 East 3rd Street, APN 418-360-009, occupied by Priority Pallet. The acquisition and TCE area consists of a paved area used for vehicle parking and storage.

2.4 Current Uses of Adjoining Properties

The directly adjacent properties consist of vacant undeveloped land and the structures and facilities associated with the acquisition and TCE areas listed above. The properties adjacent to the north across East 6th Street consist of commercial businesses. The surrounding vicinity around the northern portion of the Site is generally mixed commercial and residential, and the area to the south of the Site is generally vacant land and scattered residential dwellings.

There is an Interstate 10 overpass bridge above Pennsylvania Avenue and there is a westbound off-ramp on the north side of Pennsylvania Avenue and an eastbound on-ramp on the south side of Pennsylvania Avenue.

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3.0 RECORDS REVIEW

3.1 Standard Environmental Record Sources

A search of selected government databases was conducted by Leighton Consulting using an Environmental Data Resources (EDR) Radius Map™ Report with GeoCheck® environmental database report system (EDR Report). The site area depicted on the EDR Report also includes a portion of Interstate 10 and a new proposed on-ramp that will be reviewed in a separate ISA Report. Details of the database searches along with descriptions of each database researched are provided in the EDR Report. The reports meet the government records search requirements of ASTM E1527-13 *Standard Practice for Environmental Site Assessments: Environmental Site Assessment Process.* The database listings were reviewed within a specified radius of one mile. Additionally, the State Water Resources Control Board (SWRCB) Geotracker website and Department of Toxic Substances Control (DTSC) Envirostor website were used to supplement the information in the EDR Report

3.1.1 Site

According to the EDR Report two listings were reported for parcels associated with the Site.

The former Circle K Store #509 was located at 1201 East 6th Street, located at the southeast corner of Pennsylvania Avenue and 6th Street. According to EDR, the facility is listed on the EDR Hist Auto, SWEEPS UST, HIST UST, RCRA-SQG, FINDS and ECHO databases. According to EDR, two 10,000-gallon gasoline underground storage tanks (USTs) were located on the property. Additional information was not provided in the EDR Report or on Geotracker or Envirostor. However, the Riverside County Department of Environmental Health (RCDEH) and City of Beaumont Department of Building and Safety (Section 3.3) had files pertaining to this property. According to records reviewed, Tutt Service Station operated at the property from 1957 until the mid-1980's when Circle K took over the management of the property. The Circle K was in operation from the mid-1980's until its closure in 1999, and consisted of a small gas station with accompanying market and contained two 10,000 gallon steel USTs that contained unleaded gasoline. During the removal of the USTs in 1999,

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petroleum impacted soil was identified, characterized, and removal of this soil was recommended. The USTs and the petroleum impacted soil were removed from the property and disposed of according to regulatory standards, and closure was issued by RCDEH. Based on the records reviewed and regulatory oversight of the cleanup; there are not reported impacts to soil within the acquisition or TCE areas and this facility is expected to have a low potential to adversely affect the Project.

The former Square D Company was located at 1060 East 3rd Street, located west of Pennsylvania Avenue between 3rd Street and the UPRR property. According to EDR, the facility is listed on the Envirostor database under the Corrective Action Program. This facility is also listed on several databases including CORRACTS, RCRA-TSDF, US INST CONTROL, DEED, US FIN ASSUR, 2020 COR ACTION, CA FINANCIAL ASSURANCE 1, HAZNET, ICE, HWP, NPDES, and CIWQS. According to records reviewed on Envirostor, the Square D Company manufactured copper foil for use in circuit boards from 1970 until its closure in September of 1989. The facility occupied three parcels of land. The main parcel, parcel 1 located at the northwestern corner of 3rd Street and Pennsylvania Avenue, was occupied by the manufacturing and surface impoundments (currently occupied by Priority Pallet, a commercial lumber and pallet company operating at the site since 1999). The second parcel, parcel 2 located at the southeastern corner of the UPRR property and Pennsylvania Avenue, was used to store equipment, scrap copper, metal waste, and sludge (currently occupied by vacant land). Parcel 3 is located at the southwestern corner of 3rd Street and Pennsylvania Avenue and manufacturing operations or waste storage was not reported for this property (currently occupied by vacant land). Prior to the facility's closure the United States Environmental Protection Agency (US EPA) conducted a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) which identified several Solid Waste Management Units (SWMUs) and one Area of Concern (AOC). After various site investigations, a RCRA Facility Investigation (RFI) and a health risk assessment were completed for parcels 1 and 2, and risk based cleanup levels were established for the parcels. The contaminants of concern (COCs) identified for parcel 1 were arsenic, antimony, copper, chromium, hexavalent chromium, lead, and zinc. The COCs identified for parcel 2, and the drainage channel located south of parcel 2, were arsenic, cadmium, copper, chromium, lead, and zinc. Prior to the implementation of

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corrective measures California Environmental Quality Act (CEQA) documents were completed and made available to the public for review. Corrective measures were conducted between April 1994 and March 1996.

According to records reviewed on Envirostor, on March 13, 1996, Corrective Measures Implementation Completion Reports (CMICR), were completed by Dames and Moore (D&M) for each parcel. The corrective measures conducted for parcels 1, 2 and the drainage channel south of parcel 2, began with the characterization of the contaminated areas, then the impacted soil was excavated and stockpiled on parcel 1. The stockpiled soil was removed from parcel 1 and transported to an approved RCRA landfill in Utah. The excavations were either backfilled with clean soil from parcel 3 or the excavations were reshaped. The North Post-Closure Area (NPCA) is an area located on parcel 1, that was subdivided into two parcels, and consists of 2.2-acres of land formally occupied by the facilities water plant and surface impoundments (Figure 2). A separate parcel number is associated with the NPCA, identified as APN 418-360-001, and located approximately 730 feet west of Pennsylvania Avenue. The NPCA consists of residual waste that remains on the property and has been capped by a continuous cover system that consists of a leak detection system, moisture barriers, class 2 base rock, and an asphalt cap. The DTSC oversees the permits applicable to parcel 1, including groundwater monitoring. A land use restriction was issued to parcel 1 in 1999, which limits the property to industrial use only. Parcels 2 and 3 did not receive land use restrictions based on the documents reviewed. Pennsylvania Avenue received modifications due to remediation activities, including the repaving of portions of the road, the replacement of subgrade materials, and the replacement of the gutter and driveway of the Priority Pallet facility. DTSC determined that corrective action was complete with the restriction for parcel 1 and without restrictions for parcels 2 and 3 on June 27, 2000.

Based on the remediation conducted for this facility with DTSC oversight and the regulatory closure issued in 2000, there appears to be a low potential for this facility to adversely affect the Site.

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3.1.2 Offsite

Information in the EDR Report and Envirostor and Geotracker databases were reviewed for facilities of potential environmental concern to the Site. The database search results that may have included usage or releases of hazardous substances and/or petroleum products for offsite properties are listed in the table below:

Database	Search Distance (radius)	Properties of Potential Concern
Federal NPL List	1.0-mile	No
Delisted NPL List	1.0-mile	No
Federal CERCLIS List	0.5-mile	No
CERCLIS – No Further Action	0.5-mile	**Yes (1)**
CORRACTS	1.0-mile	**Yes (1)**
Federal RCRA TSDF List	0.5-mile	**Yes (1)**
RCRA Generators List	0.25-mile	**Yes (3)**
US ENG Controls List	0.5-miles	No
US INST Controls List	0.5-mile	**Yes (1)**
US Brownfields	0.5-mile	No
Historic CAL-Sites	1.0-mile	No
SWRCY	0.5-mile	**Yes (1)**
Response	1.0-mile	No
Envirostor	1.0-mile	**Yes (8)**
Historical Cortese	0.5-mile	**Yes (5)**
SCH	0.25-mile	**Yes (1)**
SWL Facilities	0.5-mile	No
LUST Facilities	0.5-mile	**Yes (14)**
CAL FID UST	0.25-mile	No
SLIC	0.5-mile	**Yes (1)**
UST	0.25-mile	No
Historical UST	0.25-mile	**Yes (6)**
AST	0.25-mile	No
SWEEPS UST	0.25-mile	**Yes (2)**
DEED	0.5-mile	**Yes (2)**
VCP	0.5-mile	No
Drycleaners	0.25-mile	No
Indian RESERV	1.0-mile	No
Indian LUST	0.5-mile	No
Indian UST	0.25-mile	No
EDR Manufactured Gas Plants	1.0-mile	**Yes (1)**
EDR Historical Auto Stations	0.25-mile	**Yes (6)**
EDR Historical Cleaners	0.25-mile	No

See EDR Radius Report (Appendix E) for list of acronyms and data sources

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The listings in the EDR database report, Geotracker, and Envirostor were reviewed and not interpreted to represent a potential concern to the Project at the time of this report preparation based on one or more of the following:

- Nature of the database listing and not appearing on a database that reports unauthorized releases of hazardous substances,
- Reported regulatory agency status (ex. Case Closed),
- Reported nature of the case (soil contamination only),
- Distance of the facility to the Site, and/or
- Location of the facility with respect to anticipated groundwater flow direction (southwest).

Unmapped Listings: Two unmapped properties were listed within Environmental EDR Report as "non-geocoded listings". Non-geocoded or unmapped listings are properties without a complete street address and therefore cannot be located on a map. Leighton Consulting reviewed the listings to evaluate if the property was possibly located near the project or on a database significant to the project. Based on information provided in the EDR Report and area reconnaissance, the unmapped properties are unlikely to have the potential to adversely impact the project.

3.2 Additional Environmental Record Sources

3.2.1 Radon Information

Radon is not regulated within the State of California. Nonetheless, the California Department of Health Services (CDPH) and the United States Environmental Protection Agency (US EPA) both recommend a threshold of 4 picocuries per liter (pCi/L) above which certain precautions be taken to mitigate radon buildup in structures.

The California Department of Health Services maintains a database of indoor radon levels that are sorted by zip code. According to the most recent update prepared in February 2016, 19 tests were completed in the Site zip code of 92223 and zero tests exceeded 4pCi/L; therefore, there is low potential for elevated levels of radon at the Site.

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3.3 Regulatory Agencies

A physical address is required for regulatory agencies to search for permits associated with a property. The majority of the Site is vacant; however, three city of Beaumont addresses were identified for the occupied parcels including the following:

- 560 East Pennsylvania Avenue (Beaumont Auto Space, self-service car wash, APN 418-123-015)
- 1201 East 6th Street (Beaumont Market and Laundromat, APN 418-123-015)
- 1060 East 3rd Street (Priority Pallet, APN 418-360-009)

Leighton Consulting reviewed online regulatory agency lists of facilities located on the street names associated with the Site and/or maps depicting the Site and surrounding vicinity. Select agency records are included in Appendix C. Records requests were submitted to the following agencies and/or their websites were reviewed:

- Department of Toxic Substances Control (DTSC) Chatsworth and Cypress offices and the DTSC Envirostor Site: The DTSC Cypress office indicated that records were available for the property located at 1060 East 3rd Street, and that the records could be reviewed on their Envirostor website. A review of these records is summarized in Section 3.1 of this report.
- National Pipeline Mapping System (NPMS) - Pipelines were not identified for the Site or immediately adjacent properties, with the exception of a natural gas pipeline located along 1st street.
- South Coast Air Quality Management District (SCAQMD) FINDS Site: Records or permits were not available for the Site with the exception of the Priority Pallet facility, located at 1060 E 3rd Street, which applied for a permit to operate spray equipment, but later cancelled the application. No violations were reported for this facility and additional information was not provided.
- Santa Ana Regional Water Quality Control Board (SARWQCB) and the Regional Water Quality Control Board Geotracker Site: The SARWQCB indicated that there were not records associated with the addresses requested. The Site and adjacent properties were not identified to be listed on Geotracker, with the exception of the former Square D Company property located at 1060 E 3rd Street, was listed on Geotracker database. The facility is listed as “Yates Industries (Square D Co)”, and it reported as a release of

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metals that was issued closure on June 27, 2000. The DTSC is listed as the primary oversight agency. Additional information pertaining to this facility is reviewed in Section 3.1.1.

- Riverside County Department of Building and Safety (RCDBS): The RCDBS indicated that there were not records associated with the addresses requested.
- Riverside County Department of Environmental Health (RCDEH): According to the records reviewed at RCDEH, Tutt Service Station was located at 1201 East 6th Street but no facility documentation was on file. The Tutt Service Station was on record with the City of Beaumont from 1957 until the mid-1980's when Circle K took over the management of the property. According to the records reviewed at RCDEH, the Circle K was in operation from the mid-1980's until its closure in 1999, and consisted of a small gas station with accompanying market and contained two 10,000 gallon steel underground storage tanks (USTs) that contained unleaded gasoline. During the removal of the USTs, petroleum impacted soil was identified, characterized and removal of this soil was recommended. The USTs and the petroleum impacted soil were removed from the property and disposed of according to regulatory standards, and closure was granted by RCDEH.
- The City of Beaumont: The building and safety department for the City of Beaumont provided copies of building permits for the addresses of 1201 East 6th Street and 560 East Pennsylvania Avenue. According to the building permits reviewed, a car wash facility located at 560 East Pennsylvania Avenue was constructed in 1965 and has remained a car wash facility since that year. According to the permits reviewed for the address of 1201 East 6th Street, a gas station was constructed in 1957 and occupied by Tutt Service Station until the mid-1980's when Circle K took over the management of the property.

3.4 Physical Setting Source(s)

Leighton Consulting reviewed pertinent maps and readily available literature for information on the physiography and hydrogeology of the Site. A summary of this information is presented in the following subsections.

3.4.1 Topography

The Site is located in Sections 10 and 11 of Township 3 South, Range 1 West of the Riverside Baseline and Meridian. Topographic map coverage of the Site vicinity is provided by the United States Geological Survey

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(USGS) Beaumont (2012) map. The elevation of the Site is approximately 2,603 feet above mean sea level and slopes gently to the south.

3.4.2 Surface Water

Surface water was not observed within the drainage channels at the time of our Site reconnaissance.

3.4.3 Geology and Soils

The Site is located within the Peninsular Ranges Province, which is characterized by northwest trending elongated mountain ranges and valleys. The Peninsular Ranges Province is divided into 3 major fault bounded tectonic blocks within San Andreas Fault System, which consist of (from west to east): Santa Ana, Perris, and San Jacinto Blocks.

Geologic maps for the area indicate the Site is underlain by recent alluvium consisting of weakly indurated silty sands and gravels that have been eroded from the San Bernardino Mountains and transported to the Site through alluvial processes (Dibblee, 2003).

3.4.4 Hydrogeology

The Site is situated within the Beaumont hydrologic sub-unit of the Upper Santa Ana River Hydrogeologic Area (SARWQCB, 1995).

Groundwater monitoring for the former Square D Company facility located at the northwest corner of 3rd Street and Pennsylvania Avenue, has been ongoing since the closure activities completed in 1999. According to the most recent monitoring report available for review, the 2013 Annual Groundwater Monitoring Report, prepared by URS, the depth to the surface of the groundwater was reported to be between 192 to 222 feet below the ground surface and the groundwater was reported to flow to the northwest (URS, 2013).

3.4.5 Oil and Gas Fields

On August 7, 2018, Leighton Consulting reviewed the California Department of Conservation, Division of Oil, Gas, and Geothermal

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Resources (DOGGR), online mapping database (DOGGR, 2018) for information regarding the location of oil wells on or near the Project. Oil or gas wells were not identified within the Project limits. In addition, evidence of onsite oil or gas wells or oilfield-related facilities was not identified within the Project during the site reconnaissance.

3.5 Historical Use Information on the Property

Leighton Consulting reviewed selected historical information on the Site. These references were reviewed for evidence of activities that would suggest the potential presence of hazardous substances along the Site and to evaluate the potential for the Project to be impacted by offsite sources of contamination. The following paragraphs are a chronological summary of the review.

3.5.1 Aerial Photographs

Historical aerial photographs were reviewed for information regarding past site uses. Copies of the aerial photographs have been provided in Appendix C.

In the **1938** aerial photograph, Pennsylvania Avenue was observed to be a dirt road. A west to east trending railroad was observed to transect the north-central area of the Site at its current configuration. Sixth (6th) Street was observed to be a paved road along the northern border of the Site. First (1st) Street was observed to be a dirt road along the southern border of the Site. Orchards and rural residential properties were observed in the northern, northeastern, and southwestern adjacent properties, and the northern portion of the eastern adjacent property. Channels are depicted in the southern area of the eastern adjacent property. The remaining areas of the surrounding properties were observed to be agricultural row crops.

In the **1949** and **1953** aerial photographs, significant changes were not observed in the Site and the surrounding properties with the exception that the orchards were no longer observed in the majority of the Project area. A few orchards trees were observed in the northern area of the eastern adjacent property.

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In the **1961** and **1967** aerial photographs, significant changes were not observed in the Site with the exception that a small commercial building was observed adjacent to the northeast of the Site at the southeast corner of East 6th Street and Pennsylvania Avenue and a second commercial was observed directly south in the 1967 aerial photograph. According to other records reviewed, the northern building was a gas station (1201 East 6th Street) and the southern building (560 Pennsylvania Avenue) was (and continues to be) a self-service car wash. Interstate 10 was observed under construction in the vicinity of its current configuration, transecting the northern portion of the Site. Land use changes were not observed with the surrounding properties. Construction of Interstate 10 was observed to be complete in the 1967 aerial photograph.

In the **1975** and **1978** aerial photographs, significant changes were not observed in the Site and the surrounding properties with the exception of a new building located on the gas station property (1201 East 6th Street) and large commercial buildings and ponds observed in the central portion (not fronting Pennsylvania Avenue) of 1060 East 3rd Street (former Square D Company) located west of Pennsylvania Avenue between 3rd Street.

In the **1985, 1989, 1996,** and **2002** aerial photographs, significant changes were not observed within the Site or adjacent properties with the exception of additional commercial buildings observed at 1060 East 3rd Street. The eastern edge of the facility fronting Pennsylvania Avenue appeared to be primarily unpaved and vacant. The adjacent property to the east of the facility was observed to be vacant; however, there appears to have been some razing, grading, or other earth work conducted on the property in the 1989 aerial photograph.

In the **2005** aerial photograph, significant changes were not observed within the Site or adjacent properties. A large residential housing development was observed in the process of being graded, southeast of the Site.

In the **2010** and **2012** aerial photographs, significant changes were not observed within the Site or adjacent properties, with the exception of paving the eastern portion APN 418-360-009 fronting Pennsylvania Avenue (1060 East 3rd Street) and the completion of the residential housing development and storage facility, observed southeast of the Site.

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In the **2014** aerial photograph, significant changes were not observed within the Site or adjacent properties, with the exception of the demolition of the structure on the gas station property (1060 East 3rd Street) and construction of the present building.

3.5.2 Historical Topographic Maps

Historical topographic maps were reviewed for information regarding past uses on the Site and surrounding area. Copies of the topographic maps have been provided in Appendix C.

In the **1901 San Jacinto** 30-minute quadrangle, the Site appeared to be occupied by a north-south trending dirt road. Structures, tanks, or wells were not depicted on the Site, or the surrounding properties. An east to west trending railroad and adjacent road are depicted through the north-central portion of the Site.

In the **1943** and **1948 Banning** 15-minute quadrangle, the Site appeared to be occupied by a north-south trending dirt road. A west to east trending railroad (Southern Pacific Railroad, currently reported as UPRR right-of-way) is depicted transecting the north-central portion of the Site. The southern portion of the Site is depicted as vacant land. The northern portion of the Site, north of the railroad and west of Pennsylvania Avenue, is depicted in a red-shaded area indicating that it is a developed area with structures. A 4-lane paved road is depicted along the northern border of the Site. A dirt road is depicted along the southern border of the Site. One square structure is depicted in the southwestern adjacent property. Several square structures and orchards are depicted in the northeastern adjacent property and the northwestern adjacent property is depicted as urban. A cemetery is depicted south of the Site.

In the **1953 and 1956 Beaumont** 7.5-minute quadrangle, Pennsylvania Avenue appears to have been paved and the property adjacent to the east located between the railroad and East 6th Street is depicted as an orchard with several square structures. Paved roads bound the northern (East 6th Street) and southern (East 1st Street) ends of the Project. East 3rd Street and a former paved road located to the north of the railroad (current location of Interstate 10) are adjacent to the west of the Site. The surrounding vicinity located west of the Site and north of the railroad is

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depicted as developed area. pipeline is depicted west and east of the Site along 1st Street and is most likely the natural gas pipeline observed during the site reconnaissance. Sunnyslope Cemetery is depicted south of the Site.

In the **1972 Beaumont** 7.5-minute quadrangle, Interstate 10 has been constructed. Structures are not depicted directly on or adjacent to the Site with the exception of four square structures located at the southeast corner of Pennsylvania Avenue and East 6th Street. Orchard use is no longer depicted adjacent to the Site or in the surrounding vicinity. A large commercial building and associated structures are depicted in the central portion of the property located at 1060 East 3rd Street. The properties to the west of Pennsylvania Avenue and north of Interstate 10, as well as a small area to the northeast of East 6th Street and Pennsylvania Avenue, are depicted as the developed Beaumont city area.

In the **1979, 1988** and **1996 Beaumont** 7.5-minute quadrangle, the only significant change to the Site was the depiction of additional commercial structures within central portion of the property located at 1060 East 3rd Street.

In the **2012 Beaumont** 7.5-minute quadrangles, significant land use changes on the Site and adjacent properties were not observed.

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4.0 SITE RECONNAISSANCE

4.1 Methodology and Limiting Conditions

On August 20, 2018, a representative of Leighton Consulting, Ms. Breeanna Copeland under the oversight of Ms. Meredith Church, a licensed Professional Geologist, conducted a reconnaissance-level assessment of the Project. The Site reconnaissance consisted of the observation and documentation of existing site conditions of the Project. Photographs of the alignment are presented in Appendix A. Items noted during the Site reconnaissance are also noted on the Site Plan (Photos 1 through 12, Appendix A, Figure 2).

4.2 General Site Setting

The Site is located in the City of Beaumont and consists of Pennsylvania Avenue between East 1st Street and East 6th Street and the adjacent city owned right-of-way where earthwork will occur for the Project, the portions of the UPRR track that crosses Pennsylvania Avenue, and the acquisition areas and TCEs as shown on Figure 3. Structures are not located on the Site.

4.3 Exterior and Interior Observations

4.3.1 Hazardous Substances, Drums, and Other Chemical Containers

Hazardous substances, drums, or other chemical containers were not observed on the Site.

4.3.2 Storage Tanks

Evidence of USTs (such as vent lines, fill or overfill ports) was not observed on the Site.

4.3.3 Polychlorinated Biphenyls (PCBs)

PCBs were once used as industrial chemicals whose high stability contributed to both their commercial usefulness and their long-term deleterious environmental and health effects. PCBs can be present in coolants or lubricating oils used in older electrical transformers, hydraulic

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systems, and other similar equipment. In 1979, the USEPA generally prohibited the domestic use of PCBs in electrical capacitors, electrical transformers, vacuum pumps, hydraulic pumps, and gas turbines.

One pole-mounted transformer was observed on the central area of the Site (Photo 6, Appendix A). The transformer appeared to be in working order and staining beneath the equipment was not observed.

4.3.4 Waste Disposal

Evidence of waste disposal was not observed on the Site.

4.3.5 Dumping

Minimal amounts of dumped debris consisting of trash were observed on the sides of Pennsylvania Avenue.

4.3.6 Pits, Ponds, Lagoons, Septic Systems, Wastewater, Drains, Cisterns, and Sumps

Evidence of pits, ponds, lagoons, septic systems, wastewater, drains, cisterns, and sumps was not observed at the Site. A large diameter storm water pipeline was observed transecting the southern portion of the Site south of 3rd Street (Photos 9 and 10, Appendix A). This pipeline empties into an unnamed drainage channel that follows to the southeast through the southeastern adjacent property. A clarifier was not observed near the acquisition area or TCE as observed from the ROW, at the Beaumont Auto Spa facility, located at 590 East Pennsylvania Avenue.

4.3.7 Pesticide Use

Evidence of pesticide use was not observed onsite or the surrounding properties.

4.3.8 Staining and Discolored Soils

Evidence of staining and discolored soils was not observed onsite along the shoulders of Pennsylvania Avenue, 6th Street, 3rd Street or 1st Street.

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4.3.9 Stressed Vegetation

Stressed vegetation was not observed onsite.

4.3.10 Unusual Odors

Unusual odors were not detected onsite.

4.3.11 Onsite Wells

Evidence of water, oil, or gas wells was not observed onsite.

4.3.12 Asbestos

An asbestos survey was not performed as part of this investigation. Asbestos-containing building materials may be present in the I-10 Overpass Bridge. A comprehensive asbestos survey should be completed on the bridge if the Project includes modifications to the structure.

4.3.13 Lead-Based Paint

A lead-based paint survey was not performed as part of this investigation.

Yellow striping paint frequently used on highways and roads may contain lead and/or chromium. Yellow striping paint was observed on the paved road associated with the Project. Sampling and analysis of yellow striping should be performed prior to disturbance in accordance with Construction Program Procedure Bulletin 99-2 (Caltrans, 2006).

4.3.14 Other Observations

A communications pipeline was observed within the UPRR right of way, and appears to transect the Site beneath Pennsylvania Avenue (Photo 5, Appendix A).

A Southern California Edison utility vault was observed in the southern area of the Site on the eastern shoulder of Pennsylvania Avenue (Photo 11, Appendix A).

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5.0 INTERVIEWS

Since the Project is limited primarily to the existing street, bridge, and UPRR right-of-way, and owners or occupant contact information was not provided by the client, interviews were not conducted as a part of this ISA.

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6.0 FINDINGS

Leighton Consulting performed an ISA of the proposed Pennsylvania Avenue Widening and Grade Separation Project in the City of Beaumont, California, in accordance with Moffat & Nichol's authorization.

6.1 Onsite

The Site consists of Pennsylvania Avenue between East 1st Street and East 6th Street and the adjacent city of Beaumont owned right-of-way where earthwork will occur for the Project, the portions of the railroad track that crosses Pennsylvania Avenue, and the acquisition areas and TCEs as shown on Figure 3. Structures are not located on the Site. The acquisition and TCE areas generally consist of vacant undeveloped land with the exception of the following:

- 560 East Pennsylvania Avenue, APN 418-123-015, occupied by Beaumont Auto Space, a self-service car wash. The acquisition and TCE areas consist of paved parking lot areas between Pennsylvania Avenue and the buildings.
- 1201 East 6th Street, APN 418-123-015, occupied by Beaumont Market and Laundromat. This property was a former gas station that was redeveloped with the existing structure in 2011. The acquisition and TCE areas consist of paved parking lot areas between Pennsylvania Avenue and the buildings.
- 1060 East 3rd Street, APN 418-360-009, occupied by Priority Pallet. This property was formerly occupied by Square D Company which manufactured copper foil for use in circuit boards from 1970 until its closure in September of 1989. The property has been occupied by Priority Pallet, a commercial lumber and pallet company, since 1999. The acquisition and TCE area consists of a paved area used for vehicle parking and storage.
- A railroad right way is located between Interstate 10 and the Priority Pallet property (APNs 418-160-007 and 418-160-007).

Reviews of historical data dating back to 1901 indicate the Site appears to have been occupied by Pennsylvania Avenue in a relatively undeveloped and rural area.

On August 20, 2018, a representative of Leighton Consulting conducted a reconnaissance-level assessment of the Site. Photographs of the Project area are presented in Appendix A. Items noted during the Site reconnaissance are

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also noted on the Site Plan (Figure 2). Hazardous substances or RECs were not observed during the inspection.

A search of selected government databases was conducted by Leighton Consulting using EDR™ Report. Regulatory database lists were reviewed for cases pertaining to LUSTs, ASTs, hazardous waste sites, and abandoned sites within a specified radius of 1 mile. Leighton Consulting did not identify potentially contaminated listings associated with the Site with the exception of the former gas station facility, 1201 East 6th Street, located at the southeast corner of Pennsylvania Avenue and 6th Street, and the former Square D Company facility, 1060 East 3rd Street, located at the northwest corner of Pennsylvania Avenue and East 3rd Street. Historically, two 10,000-gallon gasoline underground storage tanks (USTs) were located at the former gas station located at 1201 E 6th Street, until their removal in 1999. Petroleum impacted soil was identified, characterized, and removal of this soil was recommended. The USTs and the petroleum impacted soil were removed from the property and disposed of according to regulatory standards, and closure was issued by RCDEH. Historically the former Square D Company, a copper foil manufacturer, operated at the facility located at 1060 East 3rd Street, from 1970 until closure in 1989. Metals impacted soil was identified at the main facility (parcel 1) and within the eastern and southeastern adjacent properties (parcels 2 and 3). The impacted soil was removed and transported offsite or utilized as part of the remediation plan in which the former pond areas, identified as the NPCA, were capped with impacted soil. A separate parcel number is associated with the NPCA, identified as APN 418-360-001, and located approximately 730 feet west of Pennsylvania Avenue. land use covenant was placed at Parcel 1 and restricted the land use to industrial use only. The remaining areas of the facility were granted closure by DTSC.

Asbestos-containing building materials may be present in the Pennsylvania Avenue Bridge. Yellow striping paint was observed on the paved road within the Project limits that may contain lead or chromium.

6.2 Offsite

The directly adjacent properties consist of vacant undeveloped land and the structures and facilities associated with the acquisition and TCE areas listed above in Section 6.1. The properties adjacent to the north across East 6th Street consist of commercial businesses. The surrounding vicinity around the northern

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portion of the Site is generally mixed commercial and residential, and the area to the south of the Site is generally vacant land and scattered residential dwellings.

There is an Interstate 10 overpass bridge above Pennsylvania Avenue and there is a westbound off-ramp on the north side of Pennsylvania Avenue and an eastbound on-ramp on the south side of Pennsylvania Avenue.

Historically, adjacent properties were utilized for orchards and agricultural row crops within the southern, western, and eastern adjacent properties. The northern adjacent properties were historically used for the residential and commercial purposes. Offsite properties (other than those associated with the Site discussed in Section 6.1) were not identified to be a potential environmental concern to the Project based on a review of the EDR Report, Site reconnaissance, or other historical research.

6.3 Data Gaps

Data gaps were identified by Leighton Consulting during this study and include the following:

- Historical information prior to 1901 was not available for Leighton to review. Although historical information was not available prior to 1901, the largely rural and undeveloped nature of the project in 1901 suggests that there is a low probability that RECs dating from prior to 1901 are impacting the Project.
- Interviews were not conducted as a part of this ISA. It is Leighton Consulting's opinion that this data gap is not significant based on the historical information reviewed.
- Environmental lien reports were not reviewed for the acquisition parcels. It is Leighton Consulting's opinion that this data gap is not significant based on the undeveloped nature of many of the parcels and the historical information reviewed on the developed parcels, which indicated a land use restriction on a portion of the property located at 1060 East 3rd Street, APN 418-360-009. It is recommended prior to property purchase, that when Preliminary Title Reports are ordered, it is requested that they include information regarding liens and activity and use limitations.

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7.0 OPINION

7.1 Onsite

The Site has been historically part of Pennsylvania Avenue since before 1938 and Interstate 10 was constructed in the 1960's. The Project area and surrounding vicinity to the south of the UPRR right-of-way is currently and historically largely vacant and does not appear to likely have been a heavily travelled road. Therefore, it is Leighton Consulting's opinion that there is low potential for significant accumulation of aerially deposited lead (ADL) adjacent to Pennsylvania Avenue south of the UPRR right-of-way. However, the portion of Pennsylvania Avenue between the eastbound on-ramp and East 6th Street appears to be more heavily travelled, and is Leighton Consulting's opinion that there is the potential for ADL within the adjacent unpaved areas.

The former Square D Company Facility, located at 1060 East 3rd Street, had a release of heavy metals to soil associated with the former manufacturing operations and waste storage at the facility. Removal of metal impacted soil was overseen by the DTSC, and based on the remediation, it is Leighton Consulting's opinion that additional investigation is not warranted at this time for the purpose of the proposed Project. Should the proposed property use change in the future to residential or other sensitive use, then additional investigation may be recommended at that time.

The property to the east of Pennsylvania Avenue between the railroad right-of-way and East 6th Street was formerly used for orchard purposes; however, based on the limited extend of the orchard, the redevelopment that has occurred within the area, and the Project use as a transportation corridor, the former agricultural use is expected to have a low potential to adversely affect the Project. Should the proposed property use change in the future to residential or other sensitive use, then additional investigation may be recommended at that time.

It is Leighton Consulting's opinion that an asbestos survey be conducted on the Interstate10 Overpass Bridge structure prior to the modification, if any are included as part of the Project. Leighton Consulting also recommends the testing and removal requirements for yellow striping in accordance with Construction Program Procedure Bulletin 99-2 (Caltrans, 2006).

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7.2 Offsite

It is Leighton Consulting's opinion that offsite properties were not identified that appear likely to adversely affect the Project.

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8.0 CONCLUSIONS AND RECOMMENDATIONS

Leighton Consulting performed an ISA for the Project in conformance with the scope and limitations of ASTM Practice E1527-13 and the Caltrans Project Development Procedures Manual, Guidelines for ISA (Caltrans, 2006). This assessment has revealed no evidence of RECs in connection with the property except for the following:

- The Site has been occupied by Pennsylvania Avenue (since before 1938) and Interstate 10 was constructed in the 1960s, including an overpass over Pennsylvania Avenue and an on-ramp and off-ramp. The portion of Pennsylvania Avenue between the eastbound on-ramp and East 6th Street appears likely to have been heavily travelled and there is the potential for historical near surface soil impacts from ADL in the unpaved areas of the Project adjacent to Pennsylvania Avenue.

- The UPRR tracks crosses Pennsylvania Avenue south of Interstate 10 and the potential for historical near surface soil impacts from heavy metals, petroleum hydrocarbons, and polynuclear aromatic hydrocarbons (PAHs) related to the rail operations exists within the railroad right-of-way.

Based on the findings of this ISA, Leighton Consulting recommends:

- Subsurface soil sampling for contaminants of concern within proposed earthwork areas that are located in the Project areas listed above.

While not considered RECs, Leighton Consulting recommends the following:

- An asbestos survey should be conducted on the I-10 Overpass Bridge prior to demolition or modification.

- Sampling and analysis of yellow striping should be performed in accordance with Construction Program Procedure Bulletin 99-2 (Caltrans, 2006).

- In general, observations should be made during future site development for areas of possible contamination such as, but not limited to, the presence of underground facilities, buried debris, waste drums, tanks, stained soil, or odorous soils. Should such materials be encountered, further investigation and analysis may be necessary at that time.

DRAFT

9.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

9.1 Corporate

Leighton Consulting, Inc. is a California corporation, providing geotechnical and environmental consulting services throughout California. We are solely a consulting firm without interests in real property other than our offices in Southern California. We provide professional environmental consulting services including application of science and engineering to environmental compliance; hazardous materials/waste assessment and cleanup; and management of hazardous, solid, and industrial waste. Initial Site Assessments are a part of this practice area and have been conducted by us.

9.2 Individual

The qualifications of the Associate Geologist and the other Leighton Consulting environmental professionals involved in this ISA meet the ASTM E1527-13 and Leighton Consulting corporate requirements for performing ISAs.

9.3 Environmental Professional Statement

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined by §312.10 of 40 CFR Part 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the project. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

_____

Meredith Church, PG 8326
Associate Geologist

DRAFT

REFERENCES

ASTM National, 2013, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13, November 6, 2013.

California Department of Transportation, 2006, *Construction Manual, Environmental Rules and Requirements*, 7-106B, Construction Policy Bulletin 99-2.

California Department of Transportation, 2007, *Caltrans Aerially Deposited Lead Guidance*, June 2007.

California Department of Transportation (Caltrans) Project Development Procedures Manual, Guidelines for ISA, September 2006.

California Department of Toxic Substances Control, California Geological Survey, 2002, California Geomorphic Provinces Note 36, Revised December 2002.

California Regional Water Quality Control Board, Santa Ana Region (SARWQCB), 1995, Water Quality Control Plan for the Santa Ana River Basin, dated January 24, updated February 2008.

California Department of Water Resources, Water Data Library, Accessed August 21, 2018.

Department of Oil Gas and Geothermal Resources (DOGGR), 2018, http://www.consrv.ca.gov/DOG/maps/Pages/d1_index_map1.aspx. Accessed August 7, 2018.

Environmental Data Resources, Inc., The EDR Radius Map™ Report with GeoCheck®, dated July 26, 2018.

Environmental Data Resources, Inc., The EDR Historical Topographic Map Report, dated July 26, 2018.

Environmental Data Resources, Inc., The EDR Historical Aerial Photo Decade Package, dated July 27, 2018.

Environmental Data Resources, Inc., The EDR Sanborn® Map Report, dated July 26, 2018.

Dibblee, T.W., and Minch, J.A., 2003, Geologic map of the Beaumont quadrangle, Riverside County, California: Dibblee Geological Foundation, Dibblee Foundation Map DF-114, scale 1:24,000.

DRAFT

National Pipeline Mapping System, https://www.npms.phmsa.dot.gov/, Accessed: August 7, 2018.

State Water Resources Control Board, Geotracker Online Database http://geotracker.waterboards.ca.gov/ , Accessed August 7, 2018.

URS, 2013, 2013 Annual Groundwater Monitoring Report, Former Square D Facility, 1060 East 3rd Street, Beaumont California, URS Project No. 29864170, dated February 27, 2014.

The United States Geological Survey (USGS), 1901, *Topographic map, "San Jacinto*".

The United States Geological Survey (USGS), 1943, 1948, and 1956, *Topographic map, "Banning*".

The United States Geological Survey (USGS), 1953, 1972, 19s79, 1988, 1996, and 2012 *Topographic map, "Beaumont*".

DRAFT

Project: 12091.001	Eng/Geol: MDC
Scale:1 " = 2,000 '	Date: August 2018

Base Map: ESRI ArcGIS Online 2018
Thematic Information: Leighton
Author: Leighton Geomatics (btran)

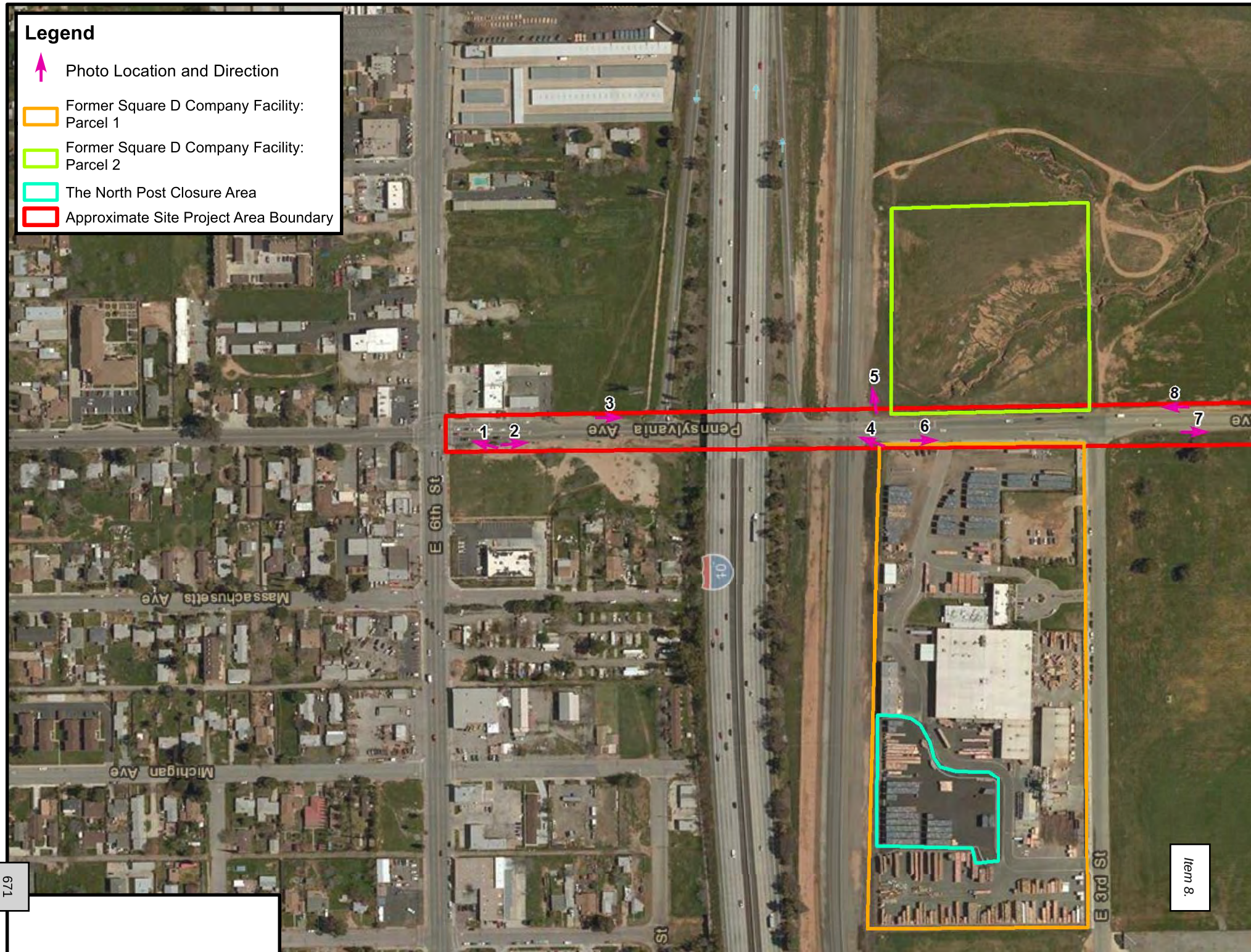
SITE LOCATION MAP

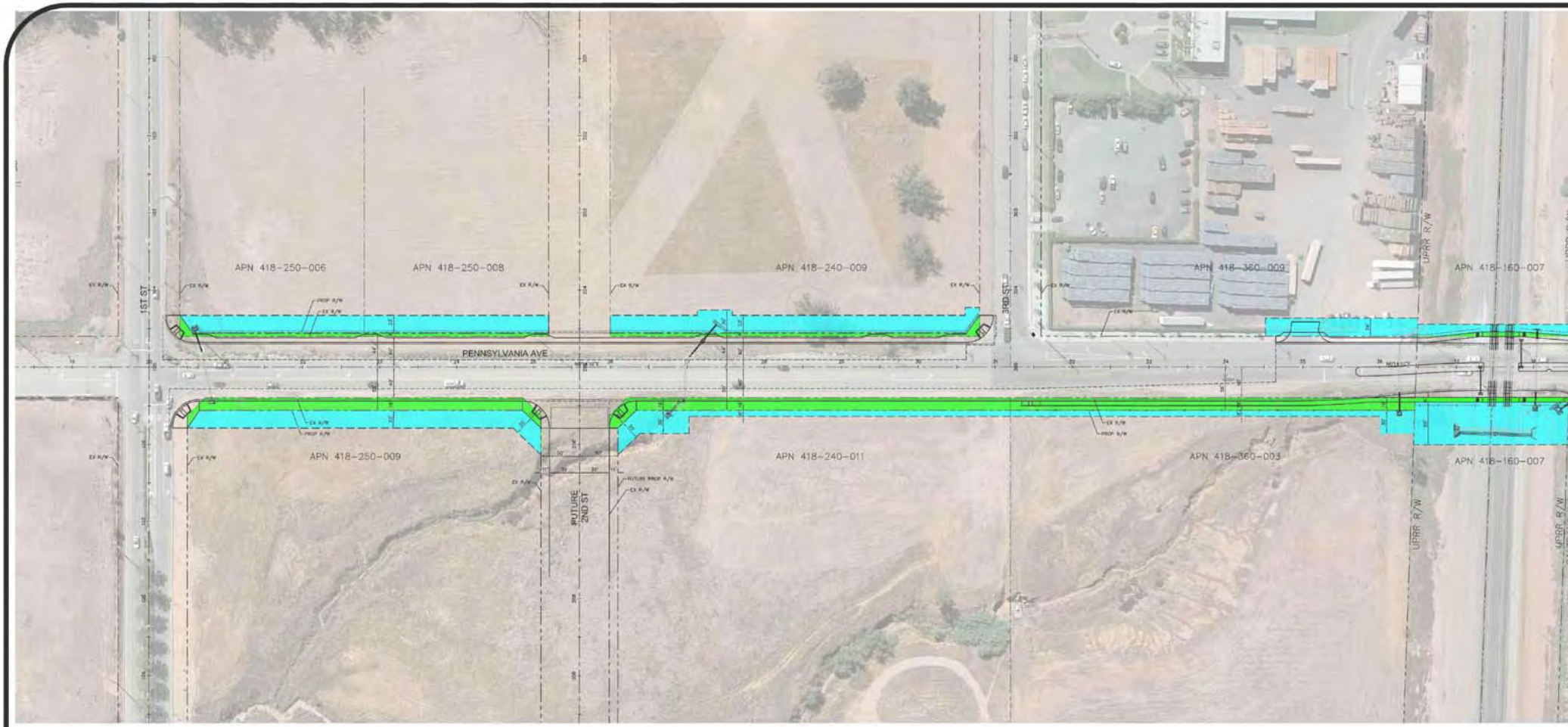
Pennsylvania Avenue Widening Project
Beaumont, California

Figure 1

Leighton

Map Saved as V:\Drafting\12091\001\Maps\12091-001_F01_SLM_2018-08-23.mxd on 8/23/2018 4:02:14 PM


Legend
Photo Location and Direction
Former Square D Company Facility: Parcel 1
Former Square D Company Facility: Parcel 2
The North Post Closure Area
Approximate Site Project Area Boundary
1
2
3
4
5
6
7
8
Pennsylvania Ave
E 6th St
Massachusetts Ave
Michigan Ave
E 3rd St
10



672

Figure 3

DESIGN PLAN

Pennsylvania Avenue Widening Project
Beaumont, California

Proj: 12091.001 | Eng/Geol: MDC

APPENDIX A

PHOTOGRAPHIC RECORD

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Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **August 20, 2018**	
Client Name: Moffat & Nichol	***Site Location:*** Pennsylvania Ave. Widening Project, Beaumont, California	***Project No.*** ***12091.001***

Photo No. 1	
View of Direction of Photo: Northeast	
Description: View of the intersection of Pennsylvania Avenue and 6th Street.	

Photo No. 2	
View of Direction of Photo: Southeast	
Description: View of the Pennsylvania Avenue and the I-10 Overcrossing Bridge.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **August 20, 2018**	
Client Name: Moffat & Nichol	***Site Location:*** Pennsylvania Ave. Widening Project, Beaumont, California	***Project No.*** ***12091.001***

Photo No. 3 ***View of Direction of Photo:*** South ***Description***: View of the I-10 Overcrossing Bridge and the intersection of the west bound I-10 off-ramp and Pennsylvania Avenue.	

Photo No. 4 ***View of Direction of Photo:*** Northeast ***Description***: View of the railroad crossing at Pennsylvania Avenue.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **August 20, 2018**	
Client Name: Moffat & Nichol	***Site Location:*** Pennsylvania Ave. Widening Project, Beaumont, California	***Project No.*** ***12091.001***

Photo No. 5	
View of Direction of Photo: Northeast	
Description: View of the eastern area of the railroad property.	

Photo No. 6	
View of Direction of Photo: South	
Description: View of the central portion of the project area and a pole-mounted transformer.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **August 20, 2018**	
Client Name: Moffat & Nichol	***Site Location:*** Pennsylvania Ave. Widening Project, Beaumont, California	***Project No.*** ***12091.001***

Photo No. 7 ***View of Direction of Photo:*** South ***Description***: View of the western portion of the project area, south of 3rd Street and north of 1st Street.	

Photo No. 8 ***View of Direction of Photo:*** North ***Description***: View of the eastern portion of the Project area, south of 3rd Street and north of 1st Street.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **August 20, 2018**	
Client Name: Moffat & Nichol	***Site Location:*** Pennsylvania Ave. Widening Project, Beaumont, California	***Project No.*** ***12091.001***

Photo No. 9 ***View of Direction of Photo:*** West ***Description***: View of the drainage outlet originating from the western adjacent parcel located southwest of 3rd Street and Pennsylvania Avenue. This drainage channel empties onto the parcel located southeast of 3rd Street and Pennsylvania Avenue.	

Photo No. 10 ***View of Direction of Photo:*** Southeast ***Description***: Another view of the drainage channel originating from the western adjacent parcel located southwest of 3rd Street and Pennsylvania Avenue. This drainage channel empties onto the parcel located southeast of 3rd Street and Pennsylvania Avenue.	

Leighton Consulting, Inc.	**PHOTOGRAPHIC RECORD** **August 20, 2018**	
Client Name: Moffat & Nichol	***Site Location:*** Pennsylvania Ave. Widening Project, Beaumont, California	***Project No.*** ***12091.001***

Photo No. 11	
View of Direction of Photo: North	
Description: View of the southern portion of the Project area and a Southern California Edison utility vault.	

Photo No. 12	
View of Direction of Photo: South	
Description: View of the intersection of Pennsylvania Avenue and 1st Street and a storm water drainage pipe.	

APPENDIX B

EDR RADIUS MAP REPORTS

DRAFT

Pennsylvania Avenue & I10
Pennsylvania Avenue & I10
Beaumont, CA 92223

Inquiry Number: 5373486.2s
July 26, 2018

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings Summary	4
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Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

PENNSYLVANIA AVENUE & I10
BEAUMONT, CA 92223

COORDINATES

Latitude (North):	33.9273420 - 33˚ 55' 38.43''
Longitude (West):	116.9660480 - 116˚ 57' 57.77''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	503138.1
UTM Y (Meters):	3753906.2
Elevation:	2603 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5629739 BEAUMONT, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140530
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
PENNSYLVANIA AVENUE & I10
BEAUMONT, CA 92223

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	LOMA LINDA UNIVERSIT	NEAR PENNSYLVANIA AN	SEMS-ARCHIVE	Lower	1 ft.
A2	CIRCLE K STORES INC	1201 E 6TH ST	EDR Hist Auto	Higher	72, 0.014, North
A3	CIRCLE K 509	1201 EAST SIXTH STRE	SWEEPS UST, HIST UST	Higher	72, 0.014, North
A4	CIRCLE K STORE #509	1201 EAST 6TH ST	RCRA-SQG, HIST UST, FINDS, ECHO	Higher	72, 0.014, North
A5	SCIRIMA DAVE	1200 E 6TH ST	EDR Hist Auto	Higher	129, 0.024, North
B6	E-Z SERVE STATION #8	1198 E 6TH ST	HIST UST	Higher	149, 0.028, North
B7	VACANT LOT	1151 EAST 6TH STREET	Notify 65	Lower	181, 0.034, NNW
B8	JAMES P. HEALEY (BUN	1151 6TH ST	LUST, HIST CORTESE	Lower	181, 0.034, NNW
B9	JAMES P. HEALEY (BUN	1151 E SIXTH ST	LUST	Lower	181, 0.034, NNW
B10	TUCKER ELMER N	1151 SIXTH ST	EDR Hist Auto	Lower	181, 0.034, NNW
11	LANDE CHARLES	1055 E 6TH ST	EDR Hist Auto	Higher	492, 0.093, NW
C12	BUDS AUTOMOTIVE CENT	1060 E 6TH ST	EDR Hist Auto	Higher	507, 0.096, NNW
13	COSTIN EDMUND M	851 E 6TH ST	EDR Hist Auto	Higher	622, 0.118, WNW
D14	SQUARE D COMPANY	1060 E. THIRD STREET	WMUDS/SWAT, DEED	Higher	628, 0.119, SW
D15	YATES INDUSTRIES (SQ	1060 E 3RD STREET	CPS-SLIC	Higher	684, 0.130, SW
D16	SQUARE D COMPANY	1060 E THIRD ST	CORRACTS, RCRA-TSDF, RCRA-SQG, US INST CONTROL,...	Higher	684, 0.130, SW
C17	ALPEN EQUIPMENT RENT	1048 E 6TH	HIST UST	Higher	686, 0.130, NW
18	CITY OF BAUMONT PUBL	713 E 4TH ST	HIST UST	Higher	901, 0.171, West
19	MEINEKE AUTO SERVICE	1493 E 6TH ST	RCRA-SQG	Higher	1081, 0.205, East
E20	O'REILLY AUTO PARTS	695 E 6TH ST	LUST, HAZNET, NPDES	Higher	1249, 0.237, WNW
E21	O'REILLY AUTO PARTS	695 E 6TH ST	LUST	Higher	1249, 0.237, WNW
E22	TEXACO BOWIE'S	695 E SIXTH ST	SWEEPS UST	Higher	1249, 0.237, WNW
E23	BOWIE'S MOHAWK	695 E 6TH ST	HIST UST	Higher	1249, 0.237, WNW
24	B AND S PUMP AND SUP	179 MAPLE ST	LUST, HIST CORTESE	Higher	1690, 0.320, SW
25	UNOCAL #5546	502 BEAUMONT AVE	LUST, SWEEPS UST, HIST UST, HIST CORTESE, Notify...	Higher	2094, 0.397, West
F26	CALTRANS	444 BEAUMONT	LUST, HIST CORTESE	Lower	2105, 0.399, West
F27	CAL TRANS	00 BEAUMONT AVE & I-	LUST	Higher	2121, 0.402, West
F28	SOCO	373 BEAUMONT AVE	LUST	Lower	2154, 0.408, West
G29	THRIFTY #347/ARCO #9	401 E E SIXTH ST	LUST, HIST UST	Higher	2167, 0.410, WNW
G30	THRIFTY OIL #349	401 E SIXTH ST	LUST, SWEEPS UST	Higher	2167, 0.410, WNW
F31	SOCO STATION	373	LUST, HIST CORTESE	Lower	2173, 0.412, West
F32	CAL TRANS	BEAUMONT AVE & I-10	LUST	Lower	2195, 0.416, West
G33	SOUTHWEST MOTORS	449-451 6TH ST	LUST	Higher	2217, 0.420, WNW
34	DEUTCH ELEMENTARY SC	CHERRY AVENUE/10TH S	ENVIROSTOR, SCH	Higher	2328, 0.441, North
35	NOBLE CREEK ELEMENTA	BROOKSIDE AVENUE/NAN	ENVIROSTOR, SCH	Lower	2532, 0.480, SW
H36	SUNDANCE ELEMENTARY	8TH STREET/XENA AVEN	ENVIROSTOR, SCH	Higher	3492, 0.661, ENE
I37	BEAUMONT MGP	296 CALIFORNIA AVENU	EDR MGP	Lower	3566, 0.675, West
H38	DEUTCH ELEMENTARY SC	8TH/ALLEGHENY	ENVIROSTOR, SCH	Higher	3585, 0.679, ENE
I39	LOMA LINDA UNIVERSIT	NE CORNER OF 3RD ST.	ENVIROSTOR	Lower	3703, 0.701, West

MAPPED SITES SUMMARY

Target Property Address:
PENNSYLVANIA AVENUE & I10
BEAUMONT, CA 92223

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	PRECISION STAMPING,	246 W. 5TH ST.	ENVIROSTOR	Lower	3756, 0.711, West
41	SAN GORGONIO MEMORIA	600 NORTH HIGHLAND S	ENVIROSTOR	Lower	4481, 0.849, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
UST ---- Active UST Facilities
AST ---- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing
VCP ---- Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---- Historical Calsites Database
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register
CERS HAZ WASTE ---- CERS HAZ WASTE

Local Lists of Registered Storage Tanks

CA FID UST ---- Facility Inventory Database
CERS TANKS ---- California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing

EXECUTIVE SUMMARY

MWMP Medical Waste Management Program Listing
NPDES NPDES Permits Listing
PEST LIC Pesticide Regulation Licenses Listing
PROC Certified Processors Database
UIC UIC Listing
WASTEWATER PITS Oil Wastewater Pits Listing
WDS Waste Discharge System
WIP Well Investigation Program Case List
UIC GEO UIC GEO (GEOTRACKER)
NON-CASE INFO NON-CASE INFO (GEOTRACKER)
SAMPLING POINT SAMPLING POINT (GEOTRACKER)
PROJECT PROJECT (GEOTRACKER)
PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
CIWQS California Integrated Water Quality System
WELL STIM PROJ Well Stimulation Project (GEOTRACKER)
CERS CERS
MILITARY PRIV SITES MILITARY PRIV SITES (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no

further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 05/18/2018 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOMA LINDA UNIVERSIT	NEAR PENNSYLVANIA AN	0 - 1/8 (0.000 mi.)	1	8

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE D COMPANY	***1060 E THIRD ST***	***SW 1/8 - 1/4 (0.130 mi.)***	***D16***	***22***

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE D COMPANY	***1060 E THIRD ST***	***SW 1/8 - 1/4 (0.130 mi.)***	***D16***	***22***

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CIRCLE K STORE #509	***1201 EAST 6TH ST***	***N 0 - 1/8 (0.014 mi.)***	***A4***	***10***
SQUARE D COMPANY	***1060 E THIRD ST***	***SW 1/8 - 1/4 (0.130 mi.)***	***D16***	***22***
MEINEKE AUTO SERVICE	1493 E 6TH ST	E 1/8 - 1/4 (0.205 mi.)	19	62

Federal institutional controls / engineering controls registries

US INST CONTROL: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 02/13/2018 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE D COMPANY	***1060 E THIRD ST***	***SW 1/8 - 1/4 (0.130 mi.)***	***D16***	***22***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/30/2018 has revealed that there are 8 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE D COMPANY Facility Id: 80001405 Status: Active	***1060 E THIRD ST***	***SW 1/8 - 1/4 (0.130 mi.)***	***D16***	***22***
DEUTCH ELEMENTARY SC	***CHERRY AVENUE/10TH S***	***N 1/4 - 1/2 (0.441 mi.)***	***34***	***96***

Facility Id: 33010033
Status: No Further Action

SUNDANCE ELEMENTARY	***8TH STREET/XENA AVEN***	***ENE 1/2 - 1 (0.661 mi.)***	***H36***	***101***
Facility Id: 33010093 Status: No Further Action				
DEUTCH ELEMENTARY SC	***8TH/ALLEGHENY***	***ENE 1/2 - 1 (0.679 mi.)***	***H38***	***104***
Facility Id: 33010032 Status: No Further Action				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NOBLE CREEK ELEMENTA	***BROOKSIDE AVENUE/NAN***	***SW 1/4 - 1/2 (0.480 mi.)***	***35***	***99***
Facility Id: 33010054 Status: No Action Required				
LOMA LINDA UNIVERSIT	NE CORNER OF 3RD ST.	W 1/2 - 1 (0.701 mi.)	I39	106
Facility Id: 33990002 Status: Refer: EPA				
PRECISION STAMPING,	246 W. 5TH ST.	W 1/2 - 1 (0.711 mi.)	40	108
Facility Id: 71004112 Status: Inactive - Needs Evaluation				
SAN GORGONIO MEMORIA	600 NORTH HIGHLAND S	ENE 1/2 - 1 (0.849 mi.)	41	109
Facility Id: 33800001 Status: No Action Required				

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 14 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
O'REILLY AUTO PARTS	***695 E 6TH ST***	***WNW 1/8 - 1/4 (0.237 mi.)***	***E20***	***64***
Database: RIVERSIDE CO. LUST, Date of Government Version: 04/05/2018 Facility Id: 2014RO6600625 Facility Status: 3B				
O'REILLY AUTO PARTS	695 E 6TH ST	WNW 1/8 - 1/4 (0.237 mi.)	E21	66
Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Global Id: T10000006036				
B AND S PUMP AND SUP	***179 MAPLE ST***	***SW 1/4 - 1/2 (0.320 mi.)***	***24***	***72***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0606500005				
UNOCAL #5546	***502 BEAUMONT AVE***	***W 1/4 - 1/2 (0.397 mi.)***	***25***	***74***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 06/11/2018 Database: RIVERSIDE CO. LUST, Date of Government Version: 04/05/2018				

EXECUTIVE SUMMARY

Status: Completed - Case Closed
Facility Status: Case Closed
Facility Id: 891082
Global Id: T0606500162
Facility Status: 9
Global ID: T0606500162

CAL TRANS	00 BEAUMONT AVE & I-	W 1/4 - 1/2 (0.402 mi.)	F27	80

Database: RIVERSIDE CO. LUST, Date of Government Version: 04/05/2018
Facility Id: 90284
Facility Status: 9

THRIFTY #347/ARCO #9	***401 E E SIXTH ST***	***WNW 1/4 - 1/2 (0.410 mi.)***	***G29***	***89***

Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0606500547

THRIFTY OIL #349	***401 E SIXTH ST***	***WNW 1/4 - 1/2 (0.410 mi.)***	***G30***	***90***

Database: RIVERSIDE CO. LUST, Date of Government Version: 04/05/2018
Facility Id: 980428
Facility Status: 9

SOUTHWEST MOTORS	449-451 6TH ST	WNW 1/4 - 1/2 (0.420 mi.)	G33	95

Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0606500287

Lower Elevation	Address	Direction / Distance	Map ID	Page
JAMES P. HEALEY (BUN	***1151 6TH ST***	***NNW 0 - 1/8 (0.034 mi.)***	***B8***	***15***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0606500115

JAMES P. HEALEY (BUN	1151 E SIXTH ST	NNW 0 - 1/8 (0.034 mi.)	B9	16

Database: LUST, Date of Government Version: 06/11/2018
Database: RIVERSIDE CO. LUST, Date of Government Version: 04/05/2018
Status: Completed - Case Closed
Facility Id: 88532
Global Id: T0606500115
Facility Status: 9

CALTRANS	***444 BEAUMONT***	***W 1/4 - 1/2 (0.399 mi.)***	***F26***	***78***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0606500176

SOCO	373 BEAUMONT AVE	W 1/4 - 1/2 (0.408 mi.)	F28	80

Database: LUST, Date of Government Version: 06/11/2018
Database: RIVERSIDE CO. LUST, Date of Government Version: 04/05/2018
Status: Completed - Case Closed
Facility Id: 90404
Global Id: T0606500182
Facility Status: RV

SOCO STATION	***373***	***W 1/4 - 1/2 (0.412 mi.)***	***F31***	***92***

Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Remedial action (cleanup) Underway
Global ID: T0606500182

CAL TRANS	BEAUMONT AVE & I-10	W 1/4 - 1/2 (0.416 mi.)	F32	93

Database: LUST, Date of Government Version: 06/11/2018

Status: Completed - Case Closed
Global Id: T0606500176

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
YATES INDUSTRIES (SQ Database: SLIC REG 8, Date of Government Version: 04/03/2008 Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Completed - Case Closed Global Id: SLT8R2734073	1060 E 3RD STREET	SW 1/8 - 1/4 (0.130 mi.)	D15	21

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE D COMPANY	***1060 E. THIRD STREET***	***SW 0 - 1/8 (0.119 mi.)***	***D14***	***19***

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CIRCLE K 509 Status: A Tank Status: A Comp Number: 13855	***1201 EAST SIXTH STRE***	***N 0 - 1/8 (0.014 mi.)***	***A3***	***9***
TEXACO BOWIE'S	695 E SIXTH ST	WNW 1/8 - 1/4 (0.237 mi.)	E22	69

Status: A
Tank Status: A
Comp Number: 51851

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 6 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CIRCLE K 509	***1201 EAST SIXTH STRE***	***N 0 - 1/8 (0.014 mi.)***	***A3***	***9***
CIRCLE K STORE #509	***1201 EAST 6TH ST***	***N 0 - 1/8 (0.014 mi.)***	***A4***	***10***
Facility Id: 00000013855				
E-Z SERVE STATION #8	1198 E 6TH ST	N 0 - 1/8 (0.028 mi.)	B6	13
Facility Id: 00000019494				
ALPEN EQUIPMENT RENT	1048 E 6TH	NW 1/8 - 1/4 (0.130 mi.)	C17	61
Facility Id: 00000035932				
CITY OF BAUMONT PUBL	713 E 4TH ST	W 1/8 - 1/4 (0.171 mi.)	18	62
Facility Id: 00000038736				
BOWIE'S MOHAWK	695 E 6TH ST	WNW 1/8 - 1/4 (0.237 mi.)	E23	71
Facility Id: 00000051851				

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 06/04/2018 has revealed that there are 2 DEED sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE D COMPANY	***1060 E. THIRD STREET***	***SW 0 - 1/8 (0.119 mi.)***	***D14***	***19***
SQUARE D COMPANY	***1060 E THIRD ST***	***SW 1/8 - 1/4 (0.130 mi.)***	***D16***	***22***
Status: POST CLOSURE PERMIT				
Status: ACTIVE				
Envirostor ID: CAD050746775				
Envirostor ID: 80001405				

Other Ascertainable Records

2020 COR ACTION: The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

A review of the 2020 COR ACTION list, as provided by EDR, and dated 09/30/2017 has revealed that

there is 1 2020 COR ACTION site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE D COMPANY	*1060 E THIRD ST*	*SW 1/8 - 1/4 (0.130 mi.)*	*D16*	*22*

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
B AND S PUMP AND SUP Reg Id: 083300057T	*179 MAPLE ST*	*SW 1/4 - 1/2 (0.320 mi.)*	*24*	*72*
UNOCAL #5546 Reg Id: 083301357T	*502 BEAUMONT AVE*	*W 1/4 - 1/2 (0.397 mi.)*	*25*	*74*

Lower Elevation	Address	Direction / Distance	Map ID	Page
JAMES P. HEALEY (BUN Reg Id: 083301184T	*1151 6TH ST*	*NNW 0 - 1/8 (0.034 mi.)*	*B8*	*15*
CALTRANS Reg Id: 083301488T	*444 BEAUMONT*	*W 1/4 - 1/2 (0.399 mi.)*	*F26*	*78*
SOCO STATION Reg Id: 083301536T	*373*	*W 1/4 - 1/2 (0.412 mi.)*	*F31*	*92*

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 05/21/2018 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SQUARE D COMPANY EPA Id: CAD050746775 Cleanup Status: POST CLOSURE PERMIT	*1060 E THIRD ST*	*SW 1/8 - 1/4 (0.130 mi.)*	*D16*	*22*

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/23/2018 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5546	*502 BEAUMONT AVE*	*W 1/4 - 1/2 (0.397 mi.)*	*25*	*74*

Lower Elevation	Address	Direction / Distance	Map ID	Page
VACANT LOT	1151 EAST 6TH STREET	NNW 0 - 1/8 (0.034 mi.)	B7	14

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEAUMONT MGP	296 CALIFORNIA AVENU	W 1/2 - 1 (0.675 mi.)	I37	104

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

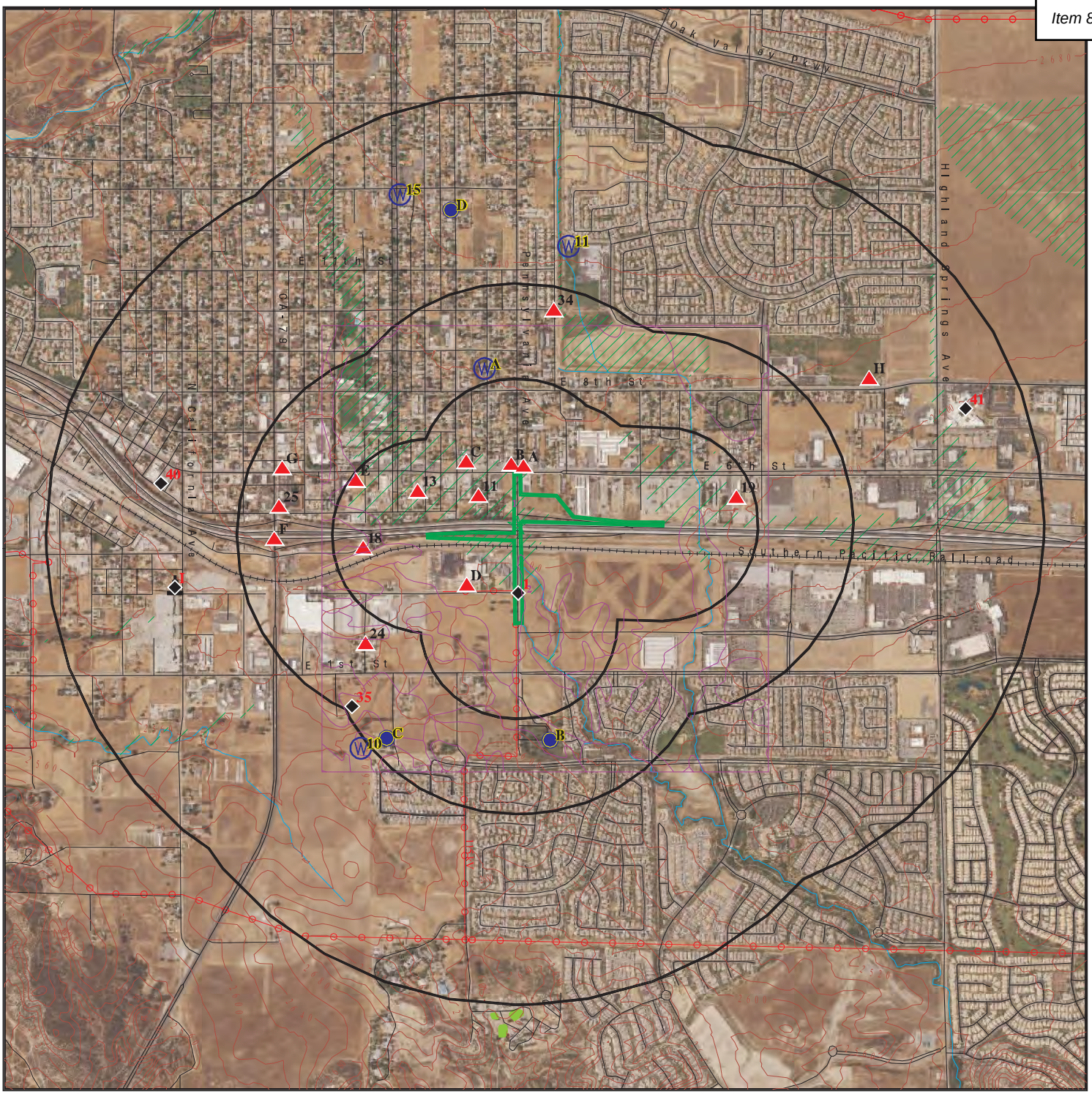
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CIRCLE K STORES INC	1201 E 6TH ST	N 0 - 1/8 (0.014 mi.)	A2	9
SCIRIMA DAVE	1200 E 6TH ST	N 0 - 1/8 (0.024 mi.)	A5	13
LANDE CHARLES	1055 E 6TH ST	NW 0 - 1/8 (0.093 mi.)	11	18
BUDS AUTOMOTIVE CENT	1060 E 6TH ST	NNW 0 - 1/8 (0.096 mi.)	C12	18
COSTIN EDMUND M	851 E 6TH ST	WNW 0 - 1/8 (0.118 mi.)	13	19
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
TUCKER ELMER N	1151 SIXTH ST	NNW 0 - 1/8 (0.034 mi.)	B10	18

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
LOCKHEED PROPULSION CO (P)	CDL CPS-SLIC

OVERVIEW MAP - 5373486.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Pennsylvania Avenue & I10	CLIENT:	Leighton Consulting
ADDRESS:	Pennsylvania Avenue & I10 Beaumont CA 92223	CONTACT:	Breeanna Copeland
		INQUIRY #:	5373486.2s
LAT/LONG:	33.927342 / 116.966048	DATE:	July 26, 2018 12:29 pm

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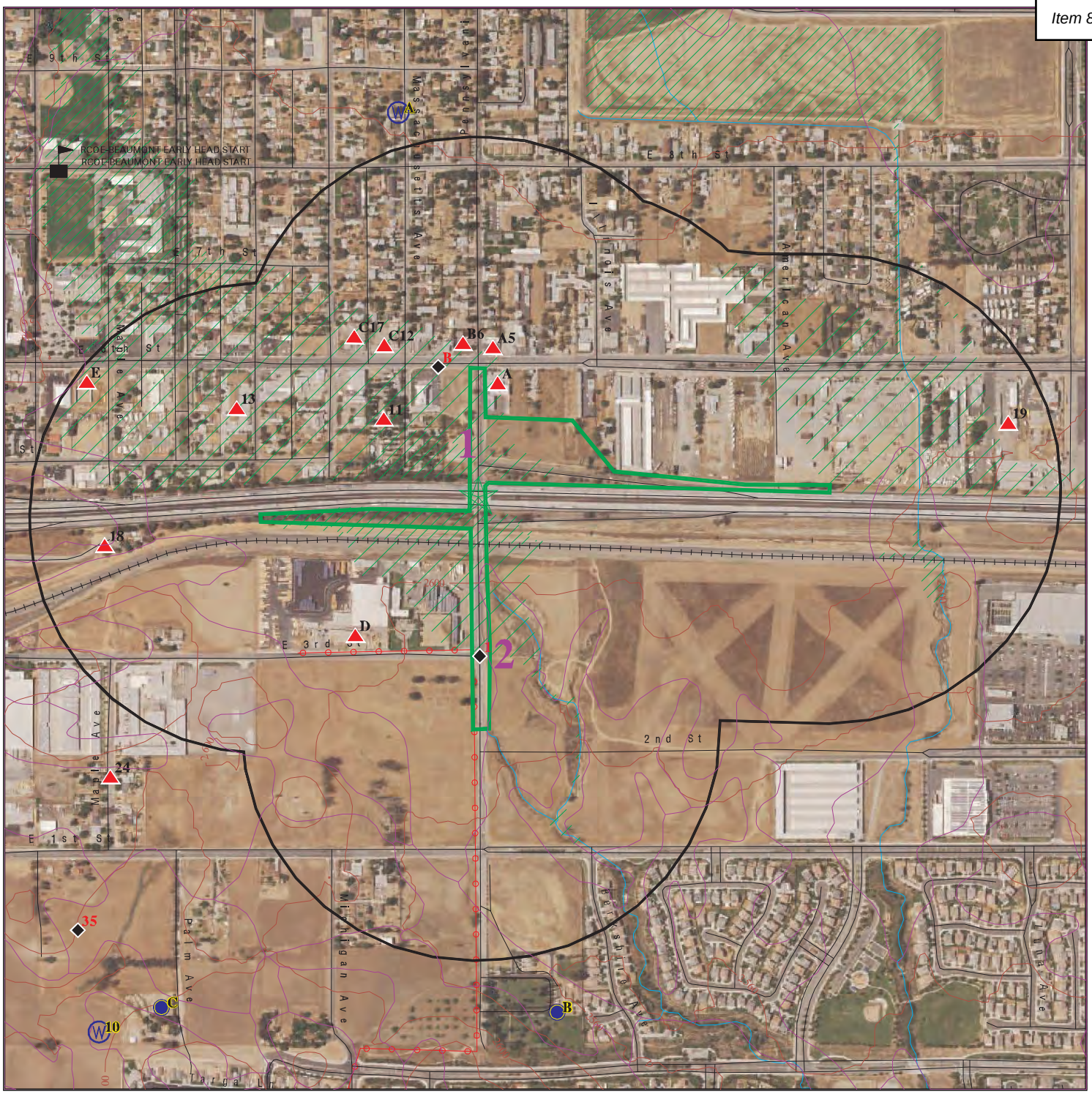
DETAIL MAP - 5373486.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Pennsylvania Avenue & I10	CLIENT:	Leighton Consulting
ADDRESS:	Pennsylvania Avenue & I10 Beaumont CA 92223	CONTACT:	Breeanna Copeland
		INQUIRY #:	5373486.2s
LAT/LONG:	33.927342 / 116.966048	DATE:	July 26, 2018 12:33 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		1	0	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	1	0	0	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	1	0	NR	NR	1
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	1	0	NR	NR	1
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	1	2	5	NR	8
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		2	2	10	NR	NR	14

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	1	0	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		1	0	0	NR	NR	1
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		3	3	NR	NR	NR	6
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DEED	0.500		1	1	0	NR	NR	2
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	1	NR	NR	NR	1
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	0	4	NR	NR	5
HWP	1.000		0	1	0	0	NR	1
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		1	0	1	0	NR	2
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	1	NR	1
EDR Hist Auto	0.125		6	NR	NR	NR	NR	6
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	18	16	17	6	0	57

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number / EPA ID Number

1
< 1/8
1 ft.

LOMA LINDA UNIVERSITY
NEAR PENNSYLVANIA AND 3RD ST.
BEAUMONT, CA 92223

SEMS-ARCHIVE
1001491831
CASFN0905487

Relative: Lower
Actual: 2591 ft.

SEMS Archive:

Site ID:	905487
EPA ID:	CASFN0905487
Cong District:	Not reported
FIPS Code:	6065
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	9
Site ID:	905487
EPA ID:	CASFN0905487
Site Name:	LOMA LINDA UNIVERSITY
NPL:	N
FF:	N
OU:	0
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2013-11-08 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	9
Site ID:	905487
EPA ID:	CASFN0905487
Site Name:	LOMA LINDA UNIVERSITY
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1999-07-01 00:00:00
Finish Date:	2006-11-07 00:00:00
Qual:	N
Current Action Lead:	St Perf

Region:	9
Site ID:	905487
EPA ID:	CASFN0905487
Site Name:	LOMA LINDA UNIVERSITY
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1998-09-18 00:00:00
Finish Date:	1998-09-18 00:00:00
Qual:	Not reported
Current Action Lead:	St Perf

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

A2
North
< 1/8
0.014 mi.
72 ft.

CIRCLE K STORES INC
1201 E 6TH ST
BEAUMONT, CA 92223

EDR Hist Auto **1021983434**
N/A

Site 1 of 4 in cluster A

Relative:
Higher

Actual:
2603 ft.

EDR Hist Auto

Year:	Name:	Type:
1993	CIRCLE K CORPORATION	Convenience Stores
1994	CIRCLE K CORPORATION	Convenience Stores
1995	CIRCLE K CORPORATION	Convenience Stores
1996	CIRCLE K STORES INC	Convenience Stores
1997	TOSCO MARKETING COMPANY	Convenience Stores
1998	TOSCO MARKETING COMPANY	Convenience Stores
1999	TOSCO MARKETING COMPANY	Convenience Stores
2000	TOSCO MARKETING COMPANY	Convenience Stores
2001	TOSCO MARKETING COMPANY	Convenience Stores
2002	CIRCLE K STORES INC	Convenience Stores
2003	CIRCLE K STORES INC	Convenience Stores
2004	CIRCLE K STORES INC	Convenience Stores
2005	CIRCLE K STORES INC	Convenience Stores
2006	CIRCLE K STORES INC	Convenience Stores
2007	CIRCLE K STORES INC	Convenience Stores
2008	CIRCLE K STORES INC	Convenience Stores
2009	CIRCLE K STORES INC	Convenience Stores
2010	CIRCLE K STORES INC	Convenience Stores
2011	CIRCLE K STORES INC	Convenience Stores
2012	CIRCLE K STORES INC	Convenience Stores

A3
North
< 1/8
0.014 mi.
72 ft.

CIRCLE K 509
1201 EAST SIXTH STREET
BEAUMONT, CA 92223

SWEEPS UST **S106924500**
HIST UST **N/A**

Site 2 of 4 in cluster A

Relative:
Higher

Actual:
2603 ft.

SWEEPS UST:

Status:	Active
Comp Number:	13855
Number:	1
Board Of Equalization:	44-018009
Referral Date:	10-28-92
Action Date:	10-28-92
Created Date:	02-29-88
Owner Tank Id:	000299
SWRCB Tank Id:	33-000-013855-000001
Tank Status:	A
Capacity:	10000
Active Date:	10-28-92
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	2

Status:	Active
Comp Number:	13855
Number:	1
Board Of Equalization:	44-018009
Referral Date:	10-28-92
Action Date:	10-28-92

CIRCLE K 509 (Continued) **S106924500**

Created Date: 02-29-88
Owner Tank Id: 000299
SWRCB Tank Id: 33-000-013855-000002
Tank Status: A
Capacity: 10000
Active Date: 10-28-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
File Number: 0001F515
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F515.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

A4 **CIRCLE K STORE #509** **RCRA-SQG** **1000174063**
North **1201 EAST 6TH ST** **HIST UST** **CAD981680457**
< 1/8 **BEAUMONT, CA 92223** **FINDS**
0.014 mi. **ECHO**
72 ft. **Site 3 of 4 in cluster A**

Relative: **Higher**
Actual: **2603 ft.**

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: CIRCLE K STORE #509
Facility address: 1201 EAST 6TH ST
BEAUMONT, CA 92223
EPA ID: CAD981680457
Mailing address: 5811 MANZANITA AVE
CARMICHAEL, CA 95608
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09

CIRCLE K STORE #509 (Continued) **1000174063**

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CIRCLE K CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/16/1986
Site name: CIRCLE K STORE #509
Classification: Large Quantity Generator

CIRCLE K STORE #509 (Continued) **1000174063**

Violation Status: No violations found

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000013855
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	KEN ZIMMERMAN
Telephone:	7148451215
Owner Name:	CIRCLE K CORPORATION
Owner Address:	4500 SOUTH 40TH STREET
Owner City,St,Zip:	PHOENIX, AZ 85040
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

FINDS:

Registry ID: 110002749367

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000174063
Registry ID:	110002749367
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002749367

A5 **SCIRIMA DAVE** **EDR Hist Auto** **1021291354**
North **1200 E 6TH ST** **N/A**
< 1/8 **BEAUMONT, CA 92223**
0.024 mi.
129 ft. **Site 4 of 4 in cluster A**

Relative: EDR Hist Auto
Higher

Actual:
2606 ft.

Year:	Name:	Type:
1969	BAKER WILLIAM BRYAN	Gasoline Service Stations
1970	BAKER WILLIAM BRYAN	Gasoline Service Stations
1971	BAKER WILLIAM BRYAN	Gasoline Service Stations
1972	BAKER WILLIAM BRYAN	Gasoline Service Stations
1973	BAKER WILLIAM BRYAN	Gasoline Service Stations
1974	BAKER WILLIAM BRYAN	Gasoline Service Stations
1975	BAKER WILLIAM BRYAN	Gasoline Service Stations
1989	BAKERS SERVICE	General Automotive Repair Shops
1991	BAKERS SERVICE	General Automotive Repair Shops
1992	BAKERS SERVICE	General Automotive Repair Shops
1993	BAKERS SERVICE	General Automotive Repair Shops
1994	BAKERS SERVICE	General Automotive Repair Shops
1995	BAKERS SERVICE	General Automotive Repair Shops
1997	DYNAMIC DIESEL	General Automotive Repair Shops
1998	DYNAMIC DIESEL	General Automotive Repair Shops
1999	SCIRIMA DAVE	General Automotive Repair Shops
2000	SCIRIMA DAVE	General Automotive Repair Shops
2001	SCIRIMA DAVE	General Automotive Repair Shops
2002	SCIRIMA DAVE	General Automotive Repair Shops
2003	SCIRIMA DAVE	General Automotive Repair Shops
2004	SCIRIMA DAVE	General Automotive Repair Shops
2005	SCIRIMA DAVE	General Automotive Repair Shops
2006	SCIRIMA DAVE	General Automotive Repair Shops
2007	SCIRIMA DAVE	General Automotive Repair Shops
2008	SCIRIMA DAVE	General Automotive Repair Shops
2009	SCIRIMA DAVE	General Automotive Repair Shops
2010	SCIRIMA DAVE	General Automotive Repair Shops
2011	SCIRIMA DAVE	General Automotive Repair Shops
2012	SCIRIMA DAVE	General Automotive Repair Shops
2013	SCIRIMA DAVE	General Automotive Repair Shops
2014	SCIRIMA DAVE	General Automotive Repair Shops

B6 **E-Z SERVE STATION #848** **HIST UST** **U001573577**
North **1198 E 6TH ST** **N/A**
< 1/8 **BEAUMONT, CA 92223**
0.028 mi.
149 ft. **Site 1 of 5 in cluster B**

Relative: HIST UST:
Higher

Actual:
2604 ft.

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000019494
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	7149841261
Owner Name:	E-Z SERVE OF CALIFORNIA, INC.
Owner Address:	PO BOX 3550
Owner City,St,Zip:	ONTARIO, CA 91761
Total Tanks:	0005

E-Z SERVE STATION #848 (Continued) **U001573577**

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, None

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, None

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	3/16
Leak Detection:	Stock Inventor, None

Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	Stock Inventor, None

B7 **VACANT LOT** **Notify 65** **S100179015**
NNW **1151 EAST 6TH STREET** **N/A**
< 1/8 **BEAUMONT, CA 92223**
0.034 mi.
181 ft. **Site 2 of 5 in cluster B**

Relative: **Lower**

Actual: **2602 ft.**

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported

VACANT LOT (Continued) **S100179015**

Incident Description: Not reported

B8 **JAMES P. HEALEY (BUNJES)** **LUST** **S105022734**
NNW **1151 6TH ST** **HIST CORTESE** **N/A**
< 1/8 **BEAUMONT, CA 92723**
0.034 mi.
181 ft. **Site 3 of 5 in cluster B**

Relative: **Lower**

Actual: **2602 ft.**

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083301184T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	MASSACHUSETTS
Enf Type:	None Taken
Funding:	State Funds
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0606500115
How Stopped Date:	4/10/1988
Enter Date:	9/4/1989
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	7/21/1989
Discover Date:	4/10/1988
Enforcement Date:	1/1/1965
Close Date:	2/1/1996
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/4/1989
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	LUST
Latitude:	33.7354748
Longitude:	-117.8724496
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency

JAMES P. HEALEY (BUNJES) (Continued) **S105022734**

Local Agency: 33000L
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083301184T

B9 **JAMES P. HEALEY (BUNJES)** **LUST** **S103820741**
NNW **1151 E SIXTH ST** **N/A**
< 1/8 **BEAUMONT, CA 92223**
0.034 mi.
181 ft. **Site 4 of 5 in cluster B**

Relative: **Lower**
Actual: **2602 ft.**

LUST:
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500115
Global Id: T0606500115
Latitude: 33.9291928139124
Longitude: -116.967197656631
Status: Completed - Case Closed
Status Date: 02/01/1996
Case Worker: RIV
RB Case Number: 083301184T
Local Agency: RIVERSIDE COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 88532
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0606500115
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0606500115
Contact Type: Local Agency Caseworker
Contact Name: Riverside County LOP
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: Not reported
Phone Number: 9519558980

JAMES P. HEALEY (BUNJES) (Continued) **S103820741**

LUST:
Global Id: T0606500115
Action Type: ENFORCEMENT
Date: 01/09/2009
Action: Closure/No Further Action Letter - #Site Closure

Global Id: T0606500115
Action Type: Other
Date: 04/10/1988
Action: Leak Discovery

Global Id: T0606500115
Action Type: Other
Date: 07/12/1988
Action: Leak Reported

Global Id: T0606500115
Action Type: Other
Date: 04/10/1988
Action: Leak Stopped

Global Id: T0606500115
Action Type: ENFORCEMENT
Date: 01/08/2009
Action: File review - #RCDEH Upload Site File 6/4/2015

LUST:
Global Id: T0606500115
Status: Open - Case Begin Date
Status Date: 04/10/1988

Global Id: T0606500115
Status: Open - Site Assessment
Status Date: 07/21/1989

Global Id: T0606500115
Status: Completed - Case Closed
Status Date: 02/01/1996

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 88532
Employee: Brown
Site Closed: Yes
Case Type: Soil only
Facility Status: closed/action completed
Casetype Decode: Soil only is impacted
Fstatus Decode: Closed/Action completed

B10
NNW
< 1/8
0.034 mi.
181 ft.

TUCKER ELMER N — **EDR Hist Auto** — **1021169232**
1151 SIXTH ST — **N/A**
BEAUMONT, CA 92223

Site 5 of 5 in cluster B

Relative:
Lower

Actual:
2602 ft.

EDR Hist Auto

Year:	Name:	Type:
1969	TUCKER ELMER N	Gasoline Service Stations
1970	TUCKER ELMER N	Gasoline Service Stations
1971	TUCKER ELMER N	Gasoline Service Stations
1972	TUCKER ELMER N	Gasoline Service Stations
1974	GIANT SERVE YOURSELF CO	Gasoline Service Stations

11
NW
< 1/8
0.093 mi.
492 ft.

LANDE CHARLES — **EDR Hist Auto** — **1021205238**
1055 E 6TH ST — **N/A**
BEAUMONT, CA 92223

Relative:
Higher

Actual:
2603 ft.

EDR Hist Auto

Year:	Name:	Type:
1969	LANDE CHARLES	Gasoline Service Stations
1970	LANDE CHARLES	Gasoline Service Stations

C12
NNW
< 1/8
0.096 mi.
507 ft.

BUDS AUTOMOTIVE CENTER — **EDR Hist Auto** — **1020882790**
1060 E 6TH ST — **N/A**
BEAUMONT, CA 92223

Site 1 of 2 in cluster C

Relative:
Higher

Actual:
2605 ft.

EDR Hist Auto

Year:	Name:	Type:
1969	BOBS GARAGE	General Automotive Repair Shops
1970	BOBS GARAGE	General Automotive Repair Shops
1971	BOBS GARAGE	General Automotive Repair Shops
1972	BOBS GARAGE	General Automotive Repair Shops
1973	BOBS GARAGE	General Automotive Repair Shops
1974	BOBS GARAGE	General Automotive Repair Shops
1975	BOBS GARAGE	General Automotive Repair Shops
1985	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1986	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1986	BOB S GARAGE	Automotive Repair Shops, NEC
1987	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1987	BOB S GARAGE	Automotive Repair Shops, NEC
1988	BOB S GARAGE	Automotive Repair Shops, NEC
1988	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1989	BOB S GARAGE	General Automotive Repair Shops
1989	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1989	BUDS TEXACO	Gasoline Service Stations, NEC
1990	BOB S GARAGE	General Automotive Repair Shops
1990	BUDS TEXACO	Gasoline Service Stations, NEC
1990	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1991	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1991	BUDS TEXACO	Gasoline Service Stations, NEC

BUDS AUTOMOTIVE CENTER (Continued) **1020882790**

1991	BOB S GARAGE	General Automotive Repair Shops
1992	BUDS TEXACO	Gasoline Service Stations, NEC
1992	BOB S GARAGE	General Automotive Repair Shops
1992	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1993	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1993	BUDS TEXACO	Gasoline Service Stations, NEC
1993	BOB S GARAGE	General Automotive Repair Shops
1994	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1995	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1996	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1997	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1998	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
1999	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2000	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2001	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2002	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2003	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2004	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2005	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2006	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2007	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2008	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2009	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2010	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2011	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops
2012	BUDS AUTOMOTIVE CENTER	General Automotive Repair Shops

13
WNW
< 1/8
0.118 mi.
622 ft.

COSTIN EDMUND M
851 E 6TH ST
BEAUMONT, CA 92223

EDR Hist Auto **1022255384**
N/A

Relative:
Higher

Actual:
2608 ft.

EDR Hist Auto

Year:	Name:	Type:
1969	COSTIN EDMUND M	Gasoline Service Stations
1970	COSTIN EDMUND M	Gasoline Service Stations

D14
SW
< 1/8
0.119 mi.
628 ft.

SQUARE D COMPANY
1060 E. THIRD STREET
BEAUMONT, CA 92223

Site 1 of 3 in cluster D

WMUDS/SWAT **S104156509**
DEED **N/A**

Relative:
Higher

Actual:
2606 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	PROCES
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported

SQUARE D COMPANY (Continued) **S104156509**

NPID: Not reported
Tonnage: 0
Regional Board ID: Not reported
Municipal Solid Waste: False
Superorder: False
Open To Public: False
Waste List: False
Agency Type: Private
Agency Name: YATES INDUSTRIES INC
Agency Department: Not reported
Agency Address: 1060 E THIRD ST
Agency City,St,Zip: BEAUMONT CA 92223
Agency Contact: Not reported
Agency Telephone: Not reported
Land Owner Name: Not reported
Land Owner Address: Not reported
Land Owner City,St,Zip: Not reported
Land Owner Contact: Not reported
Land Owner Phone: Not reported
Region: 8
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Description: Not reported
Facility Telephone: Not reported
SWAT Facility Name: Not reported
Primary SIC: 3679
Secondary SIC: Not reported
Comments: Not reported
Last Facility Editors: Not reported
Waste Discharge System: True
Solid Waste Assessment Test Program: False
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: True
Department of Defence: False
Solid Waste Assessment Test Program: Not reported
Threat to Water Quality: Not reported
Sub Chapter 15: False
Regional Board Project Officer: Not reported
Number of WMUDS at Facility: 1
Section Range: Not reported
RCRA Facility: Yes
Waste Discharge Requirements: A
Self-Monitoring Rept. Frequency: Quarterly Submittal
Waste Discharge System ID: 8 332276N01
Solid Waste Information ID: Not reported

DEED:
Envirostor ID: Not reported
Area: Not reported
Sub Area: Not reported
Site Type: Land Use Restrictions
Status: Not reported
Agency: Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

SQUARE D COMPANY (Continued) **S104156509**

Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: HWMP Restrictions

D15
SW
1/8-1/4
0.130 mi.
684 ft.

YATES INDUSTRIES (SQUARE D CO) **CPS-SLIC** **S108985912**
1060 E 3RD STREET **N/A**
BEAUMONT, CA 92223

Site 2 of 3 in cluster D

Relative:
Higher

Actual:
2607 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/27/2000
Global Id:	SLT8R2734073
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number:	80001405
Latitude:	33.9252607811005
Longitude:	-116.968072248154
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	SLT8R273
File Location:	DTSC
Potential Media Affected:	Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern:	Arsenic, Chromium, Copper, Lead
Site History:	Former surface impoundments. DTSC determined corrective action complete with restrictions for Parcel 1 and without restrictions for Parcels 2 and 3 on June 27, 2000. Department of Toxic Substances Control is the lead for this case please their website at http://www.envirostor.dtsc.ca.gov/

Click here to access the California GeoTracker records for this facility:

SLIC REG 8:

Type:	Groundwater
Facility Status:	6
Staff:	Dixie Lass, Tel 909-782-3295, LAND DISPOSAL
Substance:	METALS
Lead Agency:	Department of Toxic Substance Control
Location Code:	Not reported
Thomas Bros Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D16
SW
1/8-1/4
0.130 mi.
684 ft.

Relative:
Higher

Actual:
2607 ft.

SQUARE D COMPANY
1060 E THIRD ST
BEAUMONT, CA 92223

Site 3 of 3 in cluster D

CORRACTS **1000221045**
RCRA-TSDF **CAD050746775**
RCRA-SQG
US INST CONTROL
ENVIROSTOR
DEED
US FIN ASSUR
2020 COR ACTION
Financial Assurance
HAZNET
ICE
HWP
NPDES
CIWQS

CORRACTS:

EPA ID: CAD050746775
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19950301
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: 19950301
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II/PARCEL 1
Actual Date: 19940504
Action: CA100 - RFI Imposition
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II, PARCEL 2
Actual Date: 19940504
Action: CA100 - RFI Imposition
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II, PARCEL 2
Actual Date: 19950315
Action: CA350 - CMS Approved
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9

SQUARE D COMPANY (Continued) **1000221045**

Area Name: PHASE II/PARCEL 1
Actual Date: 19950315
Action: CA350 - CMS Approved
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20000517
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: 20000517
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20000517
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: 20000517
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19990126
Action: CA772PR
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: 19990126
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II/PARCEL 1
Actual Date: 20000627
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II, PARCEL 2
Actual Date: 20000627
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing

SQUARE D COMPANY (Continued) **1000221045**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20000627
Action: CA550RC
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: 20000627
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19870928
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: 19870928
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19870928
Action: CA050 - RFA Completed
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: 19870928
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II, PARCEL 2
Actual Date: 19960429
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II/PARCEL 1
Actual Date: 19960429
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II/PARCEL 1
Actual Date: 19940930

SQUARE D COMPANY (Continued) **1000221045**

Action: CA150 - RFI Workplan Approved
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II, PARCEL 2
Actual Date: 19940930
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II, PARCEL 2
Actual Date: 19940930
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II/PARCEL 1
Actual Date: 19940930
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II/PARCEL 1
Actual Date: 19950131
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II/PARCEL 1
Actual Date: 19980731
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775

SQUARE D COMPANY (Continued) **1000221045**

EPA Region: 9
Area Name: PHASE II, PARCEL 2
Actual Date: 19980731
Action: CA550 - Certification Of Remedy Completion Or Construction Completion
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II, PARCEL 2
Actual Date: 19950331
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD050746775
EPA Region: 9
Area Name: PHASE II/PARCEL 1
Actual Date: 19950331
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 335931
Current-Carrying Wiring Device Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 03/01/2002
Facility name: SQUARE D COMPANY
Facility address: 1060 E THIRD ST
BEAUMONT, CA 92223
EPA ID: CAD050746775
Mailing address: 1415 S ROSELLE RD
PALATINE, IL 60067
Contact: GLADYS M THOMAS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 847-925-3203
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: Yes
Underground injection activity: No

SQUARE D COMPANY (Continued) **1000221045**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/01/2002
Site name: SQUARE D COMPANY
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: SQUARE D CO
Classification: Small Quantity Generator

Date form received by agency: 11/28/1992
Site name: SQUARE D CO
Classification: Small Quantity Generator

Date form received by agency: 04/11/1990
Site name: YATES INDUSTRIES INC
Classification: Large Quantity Generator

Corrective Action Summary:
Event date: 09/28/1987
Event: RFA COMPLETED

Event date: 09/28/1987
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 09/28/1987
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 09/29/1992
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 09/29/1992
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: 05/04/1994
Event: INVESTIGATION IMPOSITION

Event date: 08/26/1994
Event: INVESTIGATION COMPLETE

Event date: 09/30/1994
Event: INVESTIGATION WORKPLAN APPROVED

Event date: 09/30/1994
Event: CMS WORKPLAN APPROVED

SQUARE D COMPANY (Continued) **1000221045**

Event date:	01/31/1995
Event:	CMI WORKPLAN APPROVED
Event date:	03/01/1995
Event:	REMEDY DECISION
Event date:	03/01/1995
Event:	REMEDY DECISION
Event date:	03/15/1995
Event:	CMS COMPLETE
Event date:	03/31/1995
Event:	INVESTIGATION IMPLEMENTATION BEGUN
Event date:	04/29/1996
Event:	REMEDY CONSTRUCTION
Event date:	07/31/1998
Event:	REMEDY CONSTRUCTION
Event date:	01/26/1999
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL
Event date:	05/06/1999
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	05/06/1999
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	05/17/2000
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	05/17/2000
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	05/17/2000
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	05/17/2000
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	06/27/2000
Event:	REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Event date:	06/27/2000
Event:	REMEDY CONSTRUCTION
Event date:	09/22/2009
Event:	READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE
Event date:	Not reported
Event:	CA PRIORITIZATION-LOW CA PRIORITY

SQUARE D COMPANY (Continued) **1000221045**

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	TSD - Closure/Post-Closure
Date violation determined:	04/15/2008
Date achieved compliance:	05/09/2008
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/15/2008
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported
Area of violation:	TSD - General Facility Standards
Date violation determined:	04/26/2007
Date achieved compliance:	05/10/2007
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/26/2007
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported
Area of violation:	TSD - Closure/Post-Closure
Date violation determined:	05/09/2006
Date achieved compliance:	06/08/2006
Violation lead agency:	State
Enforcement action:	LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date:	12/26/2006
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	Not reported
Area of violation:	TSD - Closure/Post-Closure
Date violation determined:	05/09/2006
Date achieved compliance:	06/08/2006
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	05/09/2006
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

SQUARE D COMPANY (Continued) **1000221045**

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 05/09/2006
Date achieved compliance: 06/08/2006
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 02/16/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23640
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 08/20/2001
Date achieved compliance: 12/31/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/20/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 08/20/2001
Date achieved compliance: 12/31/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/20/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 08/29/2000
Date achieved compliance: 09/03/2002
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 06/05/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 5000
Paid penalty amount: Not reported

Regulation violated: Not reported

SQUARE D COMPANY (Continued) **1000221045**

Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 08/29/2000
Date achieved compliance: 09/03/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/14/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.90-94.F
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 03/26/1992
Date achieved compliance: 06/10/1993
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 06/12/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 178000
Final penalty amount: 50000
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/22/1991
Date achieved compliance: 02/10/1992
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 03/21/1990
Date achieved compliance: 03/27/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/21/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General

SQUARE D COMPANY (Continued) **1000221045**

Date violation determined: 10/13/1988
Date achieved compliance: 01/29/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/03/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 10/13/1988
Date achieved compliance: 01/29/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/20/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 122500
Final penalty amount: 122500
Paid penalty amount: 90000

Regulation violated: FR - 264.90-94.F
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 09/12/1988
Date achieved compliance: 01/29/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/20/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 122500
Final penalty amount: 122500
Paid penalty amount: 90000

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/01/1988
Date achieved compliance: 03/16/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/19/1987

SQUARE D COMPANY (Continued) **1000221045**

Date achieved compliance: 01/26/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/30/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/28/2017
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/29/2016
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/17/2015
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/19/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/09/2014
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/26/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/14/2012
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/19/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

SQUARE D COMPANY (Continued) **1000221045**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/04/2010
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/22/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/01/2008
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/15/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 05/09/2008
Evaluation lead agency: State

Evaluation date: 04/26/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 05/10/2007
Evaluation lead agency: State

Evaluation date: 03/26/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/15/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/08/2006
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

SQUARE D COMPANY (Continued) **1000221045**

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 06/08/2006
Evaluation lead agency: State

Evaluation date: 02/25/2004
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/18/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/17/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/03/2002
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/13/2002
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/20/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 12/31/2001
Evaluation lead agency: State

Evaluation date: 08/20/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 12/31/2001
Evaluation lead agency: State

Evaluation date: 08/13/2001
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/29/2000
Evaluation: GROUNDWATER MONITORING EVALUATION
Area of violation: TSD IS-Ground-Water Monitoring

SQUARE D COMPANY (Continued) **1000221045**

Date achieved compliance: 09/03/2002
Evaluation lead agency: State

Evaluation date: 08/29/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/31/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/21/2000
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/29/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/10/1993
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/26/1992
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/11/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/10/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/17/1991
Evaluation: OPERATION AND MAINTENANCE INSPECTION
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 06/10/1993
Evaluation lead agency: State

SQUARE D COMPANY (Continued) **1000221045**

Evaluation date: 11/22/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 02/10/1992
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 02/26/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/21/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/27/1990
Evaluation lead agency: State

Evaluation date: 10/13/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/29/1989
Evaluation lead agency: State

Evaluation date: 10/11/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/12/1988
Evaluation: GROUNDWATER MONITORING EVALUATION
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 01/29/1989
Evaluation lead agency: State

Evaluation date: 03/01/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/16/1988
Evaluation lead agency: State

Evaluation date: 11/19/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/26/1988
Evaluation lead agency: State

US INST CONTROL:
EPA ID: CAD050746775
Site ID: Not reported
Name: SQUARE D COMPANY
Action Name: Not reported
Address: 1060 E THIRD ST
BEAUMONT, CA 92223
EPA Region: 9
County: SAN BERNARDINO
Event Code: CA772PR

SQUARE D COMPANY (Continued) **1000221045**

Inst. Control: Not reported
Actual Date: 01/26/1999
Complet. Date: 01/01/1900
Operable Unit: Not reported
Contaminated Media : Not reported
Contact Name : GLADYS M THOMAS
Contact Phone and Ext : 847-925-3203
Event Code Description: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL

ENVIROSTOR:
Facility ID: 80001405
Status: Active
Status Date: 01/01/2008
Site Code: 400256
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 42.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Katherine Gould
Supervisor: Ju-Tseng Liu
Division Branch: Engineering & Special Projects
Assembly: 42
Senate: 23
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.92553
Longitude: -116.9680
APN: NONE SPECIFIED
Past Use: LDF, METAL PLATING - OTHER, METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: Arsenic Lead Antimony and compounds Cadmium and compounds Chromium III Chromium VI Copper and compounds Zinc Total Chromium (1:6 ratio Cr VI:Cr III Copper and compounds
Confirmed COC: Arsenic Lead Antimony and compounds Cadmium and compounds Chromium III Chromium VI Copper and compounds Zinc Total Chromium (1:6 ratio Cr VI:Cr III Copper and compounds
Potential Description: OTH, SOIL, OTH, SOIL
Alias Name: CAD050746775
Alias Type: EPA Identification Number
Alias Name: 110002318867
Alias Type: EPA (FRS #)
Alias Name: SLT8R2734073
Alias Type: GeoTracker Global ID
Alias Name: 400256
Alias Type: Project Code (Site Code)
Alias Name: 80001405
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Selection and Statement of Basis
Completed Date: 03/01/1995

SQUARE D COMPANY (Continued) **1000221045**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 05/17/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 09/28/1987
Comments: USEPA conduted this RFA

Completed Area Name: ENTIRE FACILITY, PHASE II, PARCEL 2, PHASE II/PARCEL 1
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 09/30/1994
Comments: Not reported

Completed Area Name: ENTIRE FACILITY, PHASE II, PARCEL 2, PHASE II/PARCEL 1
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 04/29/1996
Comments: Final CMI completion report approval letter for parcels 1 & 2, and draft covenant agreement for parcel 1.

Completed Area Name: PHASE II, PARCEL 2, PHASE II/PARCEL 1
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/31/1995
Comments: Not reported

Completed Area Name: ENTIRE FACILITY, PHASE II, PARCEL 2, PHASE II/PARCEL 1
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Report
Completed Date: 03/15/1995
Comments: Not reported

Completed Area Name: ENTIRE FACILITY, PHASE II, PARCEL 2, PHASE II/PARCEL 1
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 09/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 08/26/1994
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: PHASE II/PARCEL 1
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 01/31/1995
Comments: Not reported

SQUARE D COMPANY (Continued) **1000221045**

Completed Area Name: ENTIRE FACILITY, PHASE II, PARCEL 2, PHASE II/PARCEL 1
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 07/31/1998
Comments: Approval of final addendum to CMI completion report for parcel 1 complete and approved.

Completed Area Name: ENTIRE FACILITY, PHASE II, PARCEL 2, PHASE II/PARCEL 1
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 06/27/2000
Comments: Corrective action completion for soil at Parcels 1 & 2. Groundwater releases are addressed by post closure permit that was issued in March 1998.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed
Completed Date: 06/27/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Historical Post Closure Permit Authority
Completed Date: 04/30/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/26/1999
Comments: Not reported

Completed Area Name: ENTIRE FACILITY, PHASE II, PARCEL 2, PHASE II/PARCEL 1
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 04/04/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 05/17/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
Completed Date: 03/01/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 09/29/1992
Comments: Not reported

SQUARE D COMPANY (Continued) **1000221045**

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Envirostor ID: CAD050746775
Area: Not reported
Sub Area: Not reported
Site Type: POST CLOSURE PERMIT
Status: POST CLOSURE PERMIT
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 01/26/1999
File Name: Envirostor Land Use Restrictions

Envirostor ID: 80001405
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: CORRECTIVE ACTION
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 01/26/1999
File Name: Envirostor Land Use Restrictions

US FIN ASSUR:
EPA ID: CAD050746775
County: Not reported
Mechanism type: X
Mechanism Type Description: STANDBY TRUST FUND
Cost estimate: 787687.53
Face value: 0
Effective date: 1992-03-31 00:00:00
Provider: UNITED MISSOURI BANK
EPA region: 9

EPA ID: CAD050746775
County: Not reported
Mechanism type: L
Mechanism Type Description: LETTER OF CREDIT
Cost estimate: 526500
Face value: 900000
Effective date: 2010-05-04 00:00:00
Provider: J.P. MORGAN CHASE BANK
EPA region: 9

EPA ID: CAD050746775
County: Not reported
Mechanism type: L
Mechanism Type Description: LETTER OF CREDIT

SQUARE D COMPANY (Continued) **1000221045**

Cost estimate: 787687.53
Face value: 900000
Effective date: 2005-03-07 00:00:00
Provider: JP MORGAN CHASE BANK
EPA region: 9

2020 COR ACTION:
EPA ID: CAD050746775
Region: 9
Action: Remedy Construction

CA Financial Assurance 1:

EPA ID Number:	CAD050746775 80001405
Sudden Amount1:	Not reported
Non Sudden Amount1:	Not reported
Closure Mechanism:	Not reported
Closure Amount:	Not reported
Post Closure Mechanism:	LOC
Post Closure Amount:	$900,000.00
Corrective Action Mechanism:	Not reported
Corrective Action Amount:	Not reported
Sudden Mechanism Type:	Not reported
Sudden Mechanism Amount:	Not reported
Non Sudden Mechanism Type:	Not reported
Non Sudden Mechanism Amount:	Not reported
O and M Mechanism Type:	Not reported
O and M Amount:	Not reported
Closure Mechanism Date of Mechanism:	Not reported
Closure Mechanism Renewal Date:	Not reported
Closure Mechanism Provider:	Not reported
Postclosure Mechanism Date of Mechanism:	Not reported
Postclosure Mechanism Renewal Date:	Not reported
Postclosure Mechanism Provider:	JP Morgan Chase Bank
O and M Mechanism Date of Mechanism:	Not reported
O and M Mechanism Renewal Date:	Not reported
O and M Mechanism Provider:	Not reported
Corrective Action Mechanism Date of Mechanism:	Not reported
Corrective Action Mechanism Renewal Date:	Not reported
Corrective Action Mechanism Provider:	Not reported
Sudden Mechanism Date of Mechanism:	Not reported
Sudden Mechanism Renewal Date:	Not reported
Sudden Mechanism Provider:	Not reported
Non-Sudden Mechanism Date of Mechanism:	Not reported
Non-Sudden Mechanism Renewal Date:	Not reported
Non-Sudden Mechanism Provider:	Not reported
Date Entered into EnviroStor:	2013-12-17 00:00:00
Authorization Type:	Post Closure Permit
Comments:	STA w/ UMB #116390

HAZNET:
envid: 1000221045
Year: 2014
GEPAID: CAL000376441
Contact: ERNESTO CASTRO OR CARLOS CASAS
Telephone: 9517699399
Mailing Name: Not reported

SQUARE D COMPANY (Continued) **1000221045**

Mailing Address: 1060 E 3RD ST
Mailing City,St,Zip: BEAUMONT, CA 922230000
Gen County: Riverside
TSD EPA ID: CAD099452708
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.209
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Riverside

envid: 1000221045
Year: 2013
GEPAID: CAL000376441
Contact: ERNESTO CASTRO OR CARLOS CASAS
Telephone: 9517699399
Mailing Name: Not reported
Mailing Address: 1060 E 3RD ST
Mailing City,St,Zip: BEAUMONT, CA 922230000
Gen County: Riverside
TSD EPA ID: AZR000501510
TSD County: 99
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

ICE:
Envirostor ID: 3000136
EPA ID: CAD050746775
Site Type: INSPECTION
Facility Status: No Action

Enforcement:
Action Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Action Date: 06/05/2002

Action Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Action Date: 02/16/2007

Inspection:
Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 10/19/2011
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 07/31/2000
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure

SQUARE D COMPANY (Continued) **1000221045**

Action Date: 11/26/2013
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure
Action Date: 04/09/2014
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure
Action Date: 12/17/2015
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 09/29/2016
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 11/19/2015
Violation Class: No Violations
RTC Date: Not reported

Action Type: Focused Compliance Inspection - Post-Closure
Action Date: 09/28/2017
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 04/15/2008
Violation Class: Class 2
RTC Date: 05/09/2008

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 02/18/2004
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 04/26/2007
Violation Class: Class 2
RTC Date: 05/10/2007

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 08/13/2001
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 02/25/2004
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 01/29/1999
Violation Class: No Violations

SQUARE D COMPANY (Continued) **1000221045**

RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure
Action Date: 05/01/2008
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure
Action Date: 07/21/2000
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 09/17/2002
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure
Action Date: 06/15/2006
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 08/13/2002
Violation Class: No Violations
RTC Date: Not reported

Action Type: Groundwater Monitoring Evaluation - Treatment, Storage and Disposal
Action Date: 08/29/2000
Violation Class: Class 1, Minor
RTC Date: 09/03/2002

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 08/20/2001
Violation Class: Class 2, Minor
RTC Date: 12/31/2001

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 05/09/2006
Violation Class: Class 1
RTC Date: 06/08/2006

Action Type: Compliance Evaluation Inspection - Post-Closure
Action Date: 04/22/2010
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Post-Closure
Action Date: 05/04/2010
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 03/26/2007
Violation Class: No Violations
RTC Date: Not reported

SQUARE D COMPANY (Continued) **1000221045**

Action Type: Financial Records Review - Post-Closure
Action Date: 03/14/2012
Violation Class: No Violations
RTC Date: Not reported

HWP:
EPA Id: CAD050746775
Cleanup Status: POST CLOSURE PERMIT
Latitude: 33.92553
Longitude: -116.9680
Facility Type: Post-Closure Permitted
Facility Size: Medium Postclosure
Team: PHILLIP BLUM
Supervisor: RAMESHWOR KAPHLE
Site Code: 400256, 400383
Assembly District: 42
Senate District: 23
Public Information Officer: Not reported
Public Information Officer: PHILIP MCPHAUL

Activities:
EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - FINAL PART A & PART B RECEIVED
Actual Date: 11/03/2008

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - CALL-IN LETTER ISSUED
Actual Date: 03/19/2007

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - MAILING LIST
Actual Date: 12/05/2013

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 11/10/2008

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)

SQUARE D COMPANY (Continued) **1000221045**

Event Description: PC Renewal PC - No Changes - CEQA DETERMINATION
Actual Date: 04/28/2009

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - DRAFT POST-CLOSURE PERMIT
Actual Date: 11/10/2008

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - FINAL POST-CLOSURE PERMIT (EXPIRES)
Actual Date: 05/31/2019

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - FINAL POST-CLOSURE PERMIT (EFFECTIVE)
Actual Date: 06/01/2009

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 12/15/2014

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 12/15/2014

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - MAILING LIST
Actual Date: 11/26/2014

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 10/17/2013

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - PUBLIC NOTICE BY PERMITTEE
Actual Date: 12/06/2013

SQUARE D COMPANY (Continued) **1000221045**

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 10/05/2015

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 08/01/1983

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - APPLICATION PART B RECEIVED
Actual Date: 11/01/2007

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 09/15/2014

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 10/05/2015

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - PUBLIC NOTICE BY PERMITTEE
Actual Date: 11/19/2015

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - TECHNICAL COMPLETE LETTER
Actual Date: 11/03/2008

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - DISCLOSURE (CLEARED)
Actual Date: 04/14/2009

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported

SQUARE D COMPANY (Continued) **1000221045**

Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 10/17/2013

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 09/15/2014

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date: 11/08/2007

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - MAILING LIST
Actual Date: 09/10/2014

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - MAILING LIST
Actual Date: 10/02/2015

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - PUBLIC COMMENT (END)
Actual Date: 12/25/2008

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - CALL-IN LETTER ISSUED
Actual Date: 01/10/2018

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - PUBLIC NOTICE BY PERMITTEE
Actual Date: 12/15/2014

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 01/28/1983

SQUARE D COMPANY (Continued) **1000221045**

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - FINAL POST-CLOSURE PERMIT
Actual Date: 04/28/2009

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 12/28/2007

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: Not reported
Event Description: *Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 05/31/2019

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/11/1980

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: North Settling Pond, SURFSTR1 (Process Pond 1) (GPRA Unit), South Setting Ponds(Unit #6), SurfStr1 (Barium Pond - Unit #4), SurfStr1 (Carbon Pond #5), SurfStr1 (Process Pond 2), SurfStr1 (Process Pond 3)
Event Description: PC Renewal PC - No Changes - DTSC MEETING WITH APPLICANT
Actual Date: 04/24/2018

Closure:

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 08/02/1983

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - FINAL PART A & PART B RECEIVED
Actual Date: 06/27/1995

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - FINAL POST-CLOSURE PERMIT (EXPIRES)
Actual Date: 04/30/2008

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted

SQUARE D COMPANY (Continued) **1000221045**

Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 04/13/1995

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: Closure - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 05/20/1988

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION
Actual Date: 01/06/1989

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - PERMIT APPEALED - FINAL DECISION
Actual Date: 11/30/1998

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 12/27/1996

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 08/03/1988

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - FINAL POST-CLOSURE PERMIT
Actual Date: 03/27/1998

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - APPLICATION PART B RECEIVED
Actual Date: 09/21/1989

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 03/14/1991

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - FINAL POST-CLOSURE PERMIT (EFFECTIVE)
Actual Date: 04/30/1998

SQUARE D COMPANY (Continued) **1000221045**

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - DRAFT POST-CLOSURE PERMIT
Actual Date: 12/27/1996

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - FINAL CEQA
Actual Date: 03/28/1998

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: Closure - PUBLIC COMMENT (BEGIN)
Actual Date: 06/19/1988

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 02/28/1991

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - PUBLIC COMMENT (END)
Actual Date: 02/10/1997

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: Closure - PUBLIC COMMENT (END)
Actual Date: 06/19/1988

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date: 02/24/1995

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: New Post-Closure Permit - PERMIT APPEALED - APPEAL RECEIVED
Actual Date: 05/21/1998

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Unit Names: SURFSTR1 (Process Pond 1) (GPRA Unit)
Event Description: Closure - ISSUE CLOSURE VERIFICATION
Actual Date: 02/27/1990

Alias:
EPA Id: CAD050746775
Facility Type: Post-Closure Permitted

SQUARE D COMPANY (Continued) **1000221045**

Alias Type: FRS
Alias: 110002318867

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Alias Type: Project Code (Site Code)
Alias: 400256

EPA Id: CAD050746775
Facility Type: Post-Closure Permitted
Alias Type: Project Code (Site Code)
Alias: 400383

Maintenance:
EPA Id: CAD050746775
Title: Financial Assurance Mechanism
Document Type: Financial Assurance Documentation
Received Date: 03/21/2014

EPA Id: CAD050746775
Title: Annual Groundwater Monitoring Report 2014
Document Type: Monitoring Report - Groundwater
Received Date: 09/16/2015

EPA Id: CAD050746775
Title: Annual Groundwater Monitoring Report 2013
Document Type: Monitoring Report - Groundwater
Received Date: 09/16/2015

EPA Id: CAD050746775
Title: 2015 Annual Groundwater Report
Document Type: Monitoring Report - Groundwater
Received Date: 05/11/2016

EPA Id: CAD050746775
Title: LUC for the Square D Company dated 1/26/1999.
Document Type: Deed Restriction / LUC Issued
Received Date: 01/26/1999

EPA Id: CAD050746775
Title: 2012 Annual Groundwater Monitoring Report, dated Feb. 6, 2013
Document Type: Monitoring Report - Groundwater
Received Date: 03/30/2013

EPA Id: CAD050746775
Title: 2010 Annual GW Monitoring, Former Square D Company
Document Type: Monitoring Report - Groundwater
Received Date: 10/20/2011

EPA Id: CAD050746775
Title: Square D Semi Annual GW monitoring
Document Type: Monitoring Report - Groundwater
Received Date: 10/20/2011

EPA Id: CAD050746775
Title: 2011 Annual GW Monitoring Report
Document Type: Monitoring Report - Groundwater

SQUARE D COMPANY (Continued) **1000221045**

Received Date: 08/05/2012

EPA Id: CAD050746775
Title: 2012 Annual Groundwater Monitoring Plan, dated Feb. 6, 2013
Document Type: Monitoring Report - Groundwater
Received Date: 02/06/2013

NPDES:
Facility Status: Active
NPDES Number: CAS000001
Region: 8
Agency Number: 0
Regulatory Measure ID: 353624
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 8 33I021879
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 10/16/2008
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 1060 E 3rd St
Discharge Name: Priority Pallet Inc
Discharge City: Beaumont
Discharge State: California
Discharge Zip: 92223
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:
NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 8
Regulatory Measure ID: 353624
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 8 33I021879
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 10/16/2008
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Priority Pallet Inc
Discharge Address: 1060 E 3rd St
Discharge City: Beaumont
Discharge State: California
Discharge Zip: 92223
Received Date: Not reported

SQUARE D COMPANY (Continued) **1000221045**

Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported

SQUARE D COMPANY (Continued) **1000221045**

Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	353624
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I021879
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	10/14/2008
Processed Date:	10/16/2008
Status:	Active
Status Date:	10/16/2008
Place Size:	14.45
Place Size Unit:	Acres
Contact:	Carlos Casas
Contact Title:	Not reported
Contact Phone:	951-769-9399
Contact Phone Ext:	Not reported
Contact Email:	carlos@clcpallets.com
Operator Name:	Priority Pallet Inc
Operator Address:	1060 E 3rd St
Operator City:	Beaumont
Operator State:	California
Operator Zip:	92223
Operator Contact:	Carlos Casas
Operator Contact Title:	Not reported
Operator Contact Phone:	951-769-2451
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	carlos@clcpallets.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported

SQUARE D COMPANY (Continued) **1000221045**

Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	River
Certifier:	kathleen dietrich
Certifier Title:	vice president
Certification Date:	29-JUN-15
Primary Sic:	2448-Wood Pallets and Skids
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 33I021879
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	10/16/2008
Operator Name:	Priority Pallet Inc
Operator Address:	1060 E 3rd St
Operator City:	Beaumont
Operator State:	California
Operator Zip:	92223

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	353624
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I021879
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

SQUARE D COMPANY (Continued) **1000221045**

Effective Date Of Regulatory Measure:	10/16/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Priority Pallet Inc
Discharge Address:	1060 E 3rd St
Discharge City:	Beaumont
Discharge State:	California
Discharge Zip:	92223
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported

SQUARE D COMPANY (Continued) **1000221045**

Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	353624
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I021879
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	10/14/2008
Processed Date:	10/16/2008
Status:	Active
Status Date:	10/16/2008
Place Size:	14.45
Place Size Unit:	Acres
Contact:	Carlos Casas
Contact Title:	Not reported
Contact Phone:	951-769-9399
Contact Phone Ext:	Not reported
Contact Email:	carlos@clcpallets.com
Operator Name:	Priority Pallet Inc
Operator Address:	1060 E 3rd St
Operator City:	Beaumont
Operator State:	California
Operator Zip:	92223
Operator Contact:	Carlos Casas
Operator Contact Title:	Not reported
Operator Contact Phone:	951-769-2451
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	carlos@clcpallets.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported

SQUARE D COMPANY (Continued) **1000221045**

Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	River
Certifier:	kathleen dietrich
Certifier Title:	vice president
Certification Date:	29-JUN-15
Primary Sic:	2448-Wood Pallets and Skids
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Agency:	Priority Pallet Inc
Agency Address:	1060 E 3rd St, Beaumont, CA 92223
Place/Project Type:	Industrial - Wood Pallets and Skids
SIC/NAICS:	2448
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33I021879
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	10/16/2008
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.9248
Longitude:	-116.96827

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

C17
NW
1/8-1/4
0.130 mi.
686 ft.

ALPEN EQUIPMENT RENTAL
1048 E 6TH
BEAUMONT, CA 92223

Site 2 of 2 in cluster C

HIST UST **1000206467**
N/A

Relative:
Higher

Actual:
2606 ft.

HIST UST:

File Number:	0002D921
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D921.pdf
Region:	STATE
Facility ID:	00000035932
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	LYLE MILLAGE
Telephone:	7148452911
Owner Name:	ALPEN EQUIPMENT RENTAL
Owner Address:	1048 E. SIXTH ST.
Owner City,St,Zip:	BEAUMONT, CA 92223
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1962
Tank Capacity:	00005000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1962
Tank Capacity:	00005000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1962
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1962
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

18
West
1/8-1/4
0.171 mi.
901 ft.

CITY OF BAUMONT PUBLIC WORKS
713 E 4TH ST
BEAUMONT, CA 92223

HIST UST **U001573572**
N/A

Relative:
Higher

Actual:
2606 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000038736
Facility Type:	Other
Other Type:	CITY
Contact Name:	JOHN D. SWODA
Telephone:	7148451171
Owner Name:	CITY OF BEAUMONT
Owner Address:	550 EAST 6TH STREET, P.O. BOX
Owner City,St,Zip:	BEAUMONT, CA 92223
Total Tanks:	0003
Tank Num:	001
Container Num:	7
Year Installed:	1984
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Vapor Sniff Well
Tank Num:	002
Container Num:	8
Year Installed:	1984
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Vapor Sniff Well
Tank Num:	003
Container Num:	9
Year Installed:	1984
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Vapor Sniff Well

19
East
1/8-1/4
0.205 mi.
1081 ft.

MEINEKE AUTO SERVICE
1493 E 6TH ST
BEAUMONT, CA 92223

RCRA-SQG **1024089814**
CAR000278580

Relative:
Higher

Actual:
2603 ft.

RCRA-SQG:

Date form received by agency:	01/06/2018
Facility name:	MEINEKE AUTO SERVICE
Facility address:	1493 E 6TH ST BEAUMONT, CA 92223
EPA ID:	CAR000278580
Mailing address:	WESTMONT ST

MEINEKE AUTO SERVICE (Continued) **1024089814**

RIVERSIDE, CA 92507
Contact: MAZUMDER M AHMED
Contact address: WESTMONT ST
RIVERSIDE, CA 92507
Contact country: US
Contact telephone: 951-444-1246
Contact email: SIMPLYDELIGHT@OUTLOOK.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: PARAGON TRADERS, LLC
Owner/operator address: WESTMONT ST
RIVERSIDE, CA 92507
Owner/operator country: US
Owner/operator telephone: 951-444-1246
Owner/operator email: SIMPLYDELIGHT@OUTLOOK.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/2018
Owner/Op end date: Not reported

Owner/operator name: PARAGON TRADERS, LLC
Owner/operator address: WESTMONT ST
RIVERSIDE, CA 92507
Owner/operator country: US
Owner/operator telephone: 951-444-1246
Owner/operator email: SIMPLYDELIGHT@OUTLOOK.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/2018
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No

MEINEKE AUTO SERVICE (Continued) **1024089814**

Used oil transfer facility: No
Used oil transporter: No

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

E20 **O'REILLY AUTO PARTS STORE 2678** **LUST S118235985**
WNW **695 E 6TH ST** **HAZNET N/A**
1/8-1/4 **BEAUMONT, CA 92223** **NPDES**
0.237 mi.
1249 ft. **Site 1 of 4 in cluster E**

Relative:
Higher

Actual:
2614 ft.

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 2014RO6600625
Employee: Briones-LOP
Site Closed: Not Closed
Case Type: Soil only
Facility Status: 3B
Casetype Decode: Soil only is impacted
Fstatus Decode: Not reported

HAZNET:
envid: S118235985
Year: 2016
GEPAID: CAL000396047
Contact: JOHN BOUNDS
Telephone: 4175204589
Mailing Name: Not reported
Mailing Address: 233 S PATTERSON
Mailing City,St,Zip: SPRINGFIELD, MO 658020000
Gen County: Riverside
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.225

O'REILLY AUTO PARTS STORE 2678 (Continued) **S118235985**

Cat Decode: Other inorganic solid waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Riverside

envid: S118235985
Year: 2015
GEPAID: CAL000396047
Contact: JOHN BOUNDS
Telephone: 4175204589
Mailing Name: Not reported
Mailing Address: 233 S PATTERSON
Mailing City,St,Zip: SPRINGFIELD, MO 658020000
Gen County: Riverside
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Riverside

envid: S118235985
Year: 2015
GEPAID: CAL000396047
Contact: JOHN BOUNDS
Telephone: 4175204589
Mailing Name: Not reported
Mailing Address: 233 S PATTERSON
Mailing City,St,Zip: SPRINGFIELD, MO 658020000
Gen County: Riverside
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Riverside

envid: S118235985
Year: 2014
GEPAID: CAL000396047
Contact: JOHN BOUNDS
Telephone: 4175204589
Mailing Name: Not reported
Mailing Address: 233 S PATTERSON AVE
Mailing City,St,Zip: SPRINGFIELD, MO 658020000
Gen County: Riverside
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

O'REILLY AUTO PARTS STORE 2678 (Continued) **S118235985**

Tons: 0.05
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Riverside

NPDES:

Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	9 37W001432
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	11/29/2013
Operator Name:	OReilly Automotive Stores Inc
Operator Address:	233 South Patterson Avenue
Operator City:	Springfield
Operator State:	Missouri
Operator Zip:	65802

E21 **O'REILLY AUTO PARTS / FORMER BOWIE TEXACO** **LUST** **S116693799**
WNW **695 E 6TH ST** **N/A**
1/8-1/4 **BEAUMONT, CA 92223**
0.237 mi.
1249 ft. **Site 2 of 4 in cluster E**

Relative:
Higher

Actual:
2614 ft.

LUST:

Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000006036
Global Id:	T10000006036
Latitude:	33.9291916
Longitude:	-116.9733446
Status:	Completed - Case Closed
Status Date:	01/16/2018
Case Worker:	VJB
RB Case Number:	T10000006036
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Total Petroleum Hydrocarbons (TPH)
Site History:	Environmental reports pertaining to subsurface investigations/testing and site remediation performed in conjunction with this project, as

O'REILLY AUTO PARTS / FORMER BOWIE TEXACO (Continued) **S116693799**

well as the RCEHD case file, should be reviewed in their entirety to obtain further details regarding this cleanup effort. Regulatory staff are not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants working for the responsible party.

LUST:
Global Id: T10000006036
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: valerie.jahn-bull@waterboards.ca.gov
Phone Number: 9517824903

LUST:
Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 01/09/2018
Action: File review

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 01/16/2018
Action: Closure/No Further Action Letter

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 06/22/2017
Action: Notification - Public Notice of Case Closure - #RCDEH Public Comment Notice

Global Id: T10000006036
Action Type: Other
Date: 03/09/1987
Action: Leak Stopped

Global Id: T10000006036
Action Type: Other
Date: 06/30/2014
Action: Leak Discovery

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 09/22/2016
Action: Staff Letter - #RCDEH 9/22/2016 Letter

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 10/21/2015
Action: Staff Letter - #RCDEH#102115

Global Id: T10000006036
Action Type: RESPONSE
Date: 09/03/2014
Action: Other Workplan - Regulator Responded

O'REILLY AUTO PARTS / FORMER BOWIE TEXACO (Continued) **S116693799**

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 12/07/2017
Action: Technical Correspondence / Assistance / Other

Global Id: T10000006036
Action Type: RESPONSE
Date: 06/27/2017
Action: Other Report / Document

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 07/21/2014
Action: Notice of Responsibility - #RCDEH#072114

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 11/07/2016
Action: Email Correspondence - #RCDEH#110716

Global Id: T10000006036
Action Type: RESPONSE
Date: 08/21/2017
Action: Other Report / Document

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 06/07/2017
Action: Staff Letter

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 06/02/2017
Action: LOP Case Closure Summary to RB - #RCDEH closure summary to RWQCB

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 05/26/2017
Action: File review

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 06/09/2017
Action: File review

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 07/06/2016
Action: Email Correspondence - #RCDEH email dated 7/6/2016

Global Id: T10000006036
Action Type: RESPONSE
Date: 12/03/2015
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000006036
Action Type: RESPONSE

O'REILLY AUTO PARTS / FORMER BOWIE TEXACO (Continued) **S116693799**

Date: 02/29/2016
Action: Site Assessment Report - Regulator Responded

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 07/02/2014
Action: Staff Letter - #RCDEH#070214.SCB

Global Id: T10000006036
Action Type: Other
Date: 06/30/2014
Action: Leak Reported

Global Id: T10000006036
Action Type: ENFORCEMENT
Date: 05/03/2017
Action: Staff Letter - #RCDEH 5/3/17 letter

Global Id: T10000006036
Action Type: RESPONSE
Date: 11/17/2016
Action: Request for Closure - Regulator Responded

Global Id: T10000006036
Action Type: RESPONSE
Date: 10/31/2016
Action: Other Report / Document - Regulator Responded

LUST:
Global Id: T10000006036
Status: Open - Case Begin Date
Status Date: 06/30/2014

Global Id: T10000006036
Status: Open - Site Assessment
Status Date: 06/30/2014

Global Id: T10000006036
Status: Open - Eligible for Closure
Status Date: 05/03/2017

Global Id: T10000006036
Status: Completed - Case Closed
Status Date: 01/16/2018

E22 **TEXACO BOWIE'S** **SWEEPS UST** **S106932868**
WNW **695 E SIXTH ST** **N/A**
1/8-1/4 **BEAUMONT, CA 92223**
0.237 mi.
1249 ft. **Site 3 of 4 in cluster E**

Relative:
Higher

Actual:
2614 ft.

SWEEPS UST:
Status: Active
Comp Number: 51851
Number: 1
Board Of Equalization: 44-018315

TEXACO BOWIE'S (Continued) **S106932868**

Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 02-29-88
Owner Tank Id: 000460
SWRCB Tank Id: 33-000-051851-000009
Tank Status: A
Capacity: 1000
Active Date: 11-19-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 51851
Number: 1
Board Of Equalization: 44-018315
Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 02-29-88
Owner Tank Id: 000460
SWRCB Tank Id: 33-000-051851-000010
Tank Status: A
Capacity: 1000
Active Date: 11-19-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 51851
Number: 1
Board Of Equalization: 44-018315
Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 02-29-88
Owner Tank Id: 000460
SWRCB Tank Id: 33-000-051851-000011
Tank Status: A
Capacity: 1000
Active Date: 11-19-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 51851
Number: 1
Board Of Equalization: 44-018315
Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 02-29-88
Owner Tank Id: 000460
SWRCB Tank Id: 33-000-051851-000012
Tank Status: A

TEXACO BOWIE'S (Continued) **S106932868**

Capacity:	4000
Active Date:	11-19-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

E23 **BOWIE'S MOHAWK** **HIST UST** **U001573566**
WNW **695 E 6TH ST** **N/A**
1/8-1/4 **BEAUMONT, CA 92223**
0.237 mi.
1249 ft. **Site 4 of 4 in cluster E**

Relative:
Higher

Actual:
2614 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000051851
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	FRED MCCELLAN
Telephone:	7148452227
Owner Name:	JACK T. BOWIE
Owner Address:	695 E. 6TH ST.
Owner City,St,Zip:	BEAUMONT, CA 92223
Total Tanks:	0008
Tank Num:	001
Container Num:	#1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	#2
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	#3
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	#4
Year Installed:	Not reported
Tank Capacity:	00001000

BOWIE'S MOHAWK (Continued) **U001573566**

Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	#K
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	006
Container Num:	#6
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	007
Container Num:	#M
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	008
Container Num:	#8
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

24
SW
1/4-1/2
0.320 mi.
1690 ft.

B AND S PUMP AND SUPPLY CO. **LUST** **S102424843**
179 MAPLE ST **HIST CORTESE** **N/A**
CORONA, CA 91720

Relative: Higher

Actual: 2612 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083300057T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	No Action Required - incident is minor, requiring no remedial action

B AND S PUMP AND SUPPLY CO. (Continued) **S102424843**

Cross Street:	COMMERCE
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500005
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	4/24/1987
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8835485
Longitude:	-117.603094
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	PAH
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083300057T

Map ID
Direction
Distance
Elevation | Site

MAP FINDINGS

Database(s) | EDR ID Number | EPA ID Number

25
West
1/4-1/2
0.397 mi.
2094 ft.

UNOCAL #5546
502 BEAUMONT AVE
BEAUMONT, CA 92223

LUST
SWEEPS UST
HIST UST
HIST CORTESE
Notify 65

S100179374
N/A

Relative:
Higher

Actual:
2609 ft.

LUST:

Lead Agency:	RIVERSIDE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500162
Global Id:	T0606500162
Latitude:	33.9280463697036
Longitude:	-116.976908803041
Status:	Completed - Case Closed
Status Date:	01/03/1991
Case Worker:	RIV
RB Case Number:	083301357T
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	891082
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0606500162
Contact Type:	Regional Board Caseworker
Contact Name:	NANCY OLSON-MARTIN
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	nolson-martin@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500162
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558980

LUST:

Global Id:	T0606500162
Action Type:	ENFORCEMENT
Date:	01/14/2009
Action:	File review - #RCDEH Upload Site File 10/30/2015

Global Id:	T0606500162
Action Type:	ENFORCEMENT
Date:	01/03/1991
Action:	Closure/No Further Action Letter

Global Id:	T0606500162
Action Type:	Other
Date:	11/21/1989
Action:	Leak Reported

UNOCAL #5546 (Continued) **S100179374**

Global Id: T0606500162
Action Type: Other
Date: 11/27/1989
Action: Leak Stopped

Global Id: T0606500162
Action Type: Other
Date: 11/27/1989
Action: Leak Discovery

Global Id: T0606500162
Action Type: ENFORCEMENT
Date: 01/15/2009
Action: Closure/No Further Action Letter - #Site Closure

LUST:
Global Id: T0606500162
Status: Open - Case Begin Date
Status Date: 11/21/1989

Global Id: T0606500162
Status: Open - Site Assessment
Status Date: 12/07/1989

Global Id: T0606500162
Status: Completed - Case Closed
Status Date: 01/03/1991

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083301357T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	5TH
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Test
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500162
How Stopped Date:	11/27/1989
Enter Date:	12/6/1989
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	12/7/1989
Discover Date:	11/27/1989
Enforcement Date:	1/1/1965
Close Date:	1/3/1991
Date Prelim Assessment Workplan Submitted:	Not reported

UNOCAL #5546 (Continued) **S100179374**

Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/6/1989
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.9277993
Longitude:	-116.9770751
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	NOM
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

RIVERSIDE CO. LUST:

Region:	RIVERSIDE
Facility ID:	891082
Employee:	Whitehead
Site Closed:	Yes
Case Type:	Soil only
Facility Status:	closed/action completed
Casetype Decode:	Soil only is impacted
Fstatus Decode:	Closed/Action completed

SWEEPS UST:

Status:	Active
Comp Number:	55242
Number:	1
Board Of Equalization:	Not reported
Referral Date:	11-19-92
Action Date:	11-19-92
Created Date:	01-11-90
Owner Tank Id:	001081
SWRCB Tank Id:	33-000-055242-000001
Tank Status:	A
Capacity:	15000
Active Date:	11-19-92
Tank Use:	M.V. FUEL
STG:	P

UNOCAL #5546 (Continued) **S100179374**

Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 55242
Number: 1
Board Of Equalization: Not reported
Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 01-11-90
Owner Tank Id: 001081
SWRCB Tank Id: 33-000-055242-000002
Tank Status: A
Capacity: 15000
Active Date: 11-19-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 55242
Number: 1
Board Of Equalization: Not reported
Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 01-11-90
Owner Tank Id: 001081
SWRCB Tank Id: 33-000-055242-000003
Tank Status: A
Capacity: 10000
Active Date: 11-19-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 55242
Number: 1
Board Of Equalization: Not reported
Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 01-11-90
Owner Tank Id: 001081
SWRCB Tank Id: 33-000-055242-000004
Tank Status: A
Capacity: 520
Active Date: 11-19-92
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:
File Number: 0001FA75
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA75.pdf

UNOCAL #5546 (Continued) **S100179374**

Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083301357T

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

F26 **CALTRANS** **LUST** **S103696022**
West **444 BEAUMONT** **HIST CORTESE** **N/A**
1/4-1/2 **BEAUMONT, CA 92223**
0.399 mi.
2105 ft. **Site 1 of 5 in cluster F**

Relative: **Lower**

Actual: **2600 ft.**

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed

CALTRANS (Continued) **S103696022**

Case Number:	083301488T
Local Case Num:	90284
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	I-10
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0606500176
How Stopped Date:	Not reported
Enter Date:	4/13/1990
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	4/20/1990
Discover Date:	4/3/1990
Enforcement Date:	1/1/1965
Close Date:	1/18/1991
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	4/13/1990
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.9273143
Longitude:	-116.9770571
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

CALTRANS (Continued) **S103696022**

Reg Id: 083301488T

F27 **CAL TRANS** **LUST** **S105842779**
West **00 BEAUMONT AVE & I-10** **N/A**
1/4-1/2 **BEAUMONT, CA**
0.402 mi.
2121 ft. **Site 2 of 5 in cluster F**

Relative: RIVERSIDE CO. LUST:
Higher
Actual: Region: RIVERSIDE
2603 ft. Facility ID: 90284
Employee: Whitehead
Site Closed: Yes
Case Type: Soil only
Facility Status: closed/action completed
Casetype Decode: Soil only is impacted
Fstatus Decode: Closed/Action completed

F28 **SOCO** **LUST** **S103820820**
West **373 BEAUMONT AVE** **N/A**
1/4-1/2 **BEAUMONT, CA 92223**
0.408 mi.
2154 ft. **Site 3 of 5 in cluster F**

Relative: LUST:
Lower
Actual: Lead Agency: SANTA ANA RWQCB (REGION 8)
2599 ft. Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500182
Global Id: T0606500182
Latitude: 33.9258893806795
Longitude: -116.977403815254
Status: Completed - Case Closed
Status Date: 01/19/2018
Case Worker: CAB
RB Case Number: 083301536T
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 90404
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: ***Data prior to 2005 does not appear in GeoTracker. Consult agency file for all site data*** Prior to May 1990, 3 borings were drilled in a Caltrans easement along the east side of the site. Elevated hydrocarbons were found near the former SE dispenser area and 25 south of the former dispenser area. 3 8000-gallon tanks were removed in May 1990. Hydrocarbons were discovered during the excavation of the USTs. The excavated soils were placed back in the UST excavation. 6 borings were drilled August 20 and 21, 1990. Elevated hydrocarbons were found near the former dispensers and the SE corner of the site. One boring was converted to an SVE well screened from 10-20, 30-60 and 65-85. 3 additional borings were drilled in September 1993 and 2 were converted to SVE wells. SVE was conducted August 1995 through May 1996 when the system was discontinued due to equipment failure. One boring was drilled to 120 during July 1999. Groundwater was encountered at 100. 4 groundwater monitoring wells were installed January 9-24, 2000. Greater than 14.72 of free product detected in

SOCO (Continued) **S103820820**

MW-1. Free product was detected in the wells until the first quarter of 2007. A non-measurable sheen has been detected since then. SVE was reinitiated at the site during June, 2006. The system was connected to SVE-1, SVE-2, and SVE-3. Wells MW-7 through MW-9 were installed between March 7 and 11, 2011. The wells were drilled and screened from 85-110, 83-108, 84-114, 85-125 and 84-129. . MW-7, MW-8 and MW-9 had hydrocarbon levels with a high of 107 ppm TPHg (MW-9@100), 3.63 ppm benzene (MW-8@100), 6.62 ppm toluene (MW-9@100), 4.73 ppm ethylbenzene (MW-9@100), 25.7 ppm xylenes (MW-9@100) and 0.116 ppm MTBE (MW-8@110). Borings B-11 through B-16 were drilled between March 15 and 29, 2011. B-11 had a high of 18780 ppm TPHg (10), 1560 ppm toluene (10), 420 ppm ethylbenzene (10), and 3470 ppm xylenes (10) and was converted to a dual nested vapor well (EW-4 a/b) and screened from 10-45 and 55-85. B-12 had a high of 21600 ppm TPHg (60), 98 ppm benzene (90), 486 ppm toluene (90), 108 ppm ethylbenzene (90), and 1640 ppm xylenes (60) and was converted to a dual nested vapor well (EW-5 a/b) and screened from 25-50 and 60-90. B-14 had a high of 2420 ppm TPHg (55), and 181 ppm xylenes (55). The boring was converted to a dual nested vapor well (EW-6 a/b) and screened from 40-60 and 65-85. B-15 had a high of 875 ppm TPHg (55) and 53.3 ppm xylenes (80 and was converted to a dual nested vapor well (EW-7 a/b) and screened from 40-60 and 65-85. 4 wells (MW-10 through MW-13) were installed March 19 and March 27, 2014 to 115 to 148 feet bgs. MW-10 was screened from 90 to 110, MW-11 was screened from 88 to 128, MW-12 was screened from 118 to 148 feet and MW-13 was screened from 108 to 128. Soil samples were taken every 10 if possible. A high of 273 ppb TPHg, 7 ppb benzene, 46.6 ppb toluene, 12.9 ppb ethylbenzene, and 62.1 ppb xylenes was detected in the soil in MW-13 between 100 and 120 feet bgs. TPHg and BTEX were not detected in wells MW-10 through MW-12. No oxygenates were detected. The four wells were developed March 31, 2014. Wells MW-1A and MW-14 were installed March 4 through March 6, 2015 to depths of 124.5 and 140, respectively. Soil samples were taken every 20 starting with 10. MW-1A had 0.213 ppm TPHg at 10, 0.611 ppm at 50, 0.390 ppm at 70, and 24.8 ppm at 90. MW-1A had 16.6 ppm TPHd at 50, 20.9 ppm at 70 and 162 ppm at 90. 1 ppm xylenes were detected at 90 in MW-1A. MW-14 had 224 ppm TPHd at 30. No other TPHg, TPHd, BTEX or oxygenates were detected. Additional soil vapor extraction was conducted August 4, 2015 through December 31, 2015, using to SVE wells EW-1, EW-2, EW-3, EW-4S, EW-4D, EW-5S, EW-5D, EW-6S, EW-6D, EW-7S, and EW-7D. The SVE system was sampled on bi-weekly to monthly basis between June 28, 2015 and December 2015. Due to state budget constraints, the system was shut-down on December 31, 2015. Up to 3700 ppmV TPHg, 22 ppmV, 93 ppmV toluene, 11 ppmV ethylbenzene, and 60 ppmV xylenes were still being removed from EW-6D when the system was shut down. A total of 7875 lbs of TPHg, 40 lbs benzene, 177 lbs toluene, 32 lbs ethylbenzene, and 255 lbs of xylenes were removed during this remediation interval for a total of 89537 lbs TPHg, 1747 lbs benzene, 3383 lbs toluene, 326 lbs ethylbenzene, 2159 lbs, 4.76 lbs MTBE, and 1.47 lbs TAME. Quarterly groundwater monitoring has been conducted from February 2000 to May 2016. Water levels have fluctuated from 87.22 to greater than 129.67 ft bgs with flow directions consistently to the northwest to north. Up to 14.72 feet of free product was measured in MW-1, 9.8 feet in MW-2, and 2.35 feet in MW-3 in January 2001. Free product was detected until February 2002 in MW-1, until February 2007 in MW-2, and until February 2009 in MW-3. TPHg has decreased from 464000 to 420 ppb. TPHd has decreased from 5500 to 927 ppb. Benzene has decreased from

SOCO (Continued) **S103820820**

47000 to 3.08 ppb. Toluene has decreased from 56000 to <1 ppb. Xylenes have decreased from 29000 to <3 ppb. Ethylbenzene has decreased from 3800 to <1 ppb. MBTE has decreased from 3800 to 170 ppb. TBA has decreased from 1300 to <50 ppb. In October 2015, the SWRCB determined that the site was ready for closure and sent out notices for public comment to the surrounding properties.

LUST:
Global Id: T0606500182
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

LUST:
Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 06/04/2012
Action: Staff Letter - #RCDEH 060412

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 06/22/2009
Action: Technical Correspondence / Assistance / Other - #FUND/Riv Co 062209

Global Id: T0606500182
Action Type: RESPONSE
Date: 05/22/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 06/24/2014
Action: Staff Letter - #RCDEH 062414

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 12/22/2008
Action: Staff Letter - #RCDEH122208

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: File review

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 03/03/2009
Action: File review

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 09/04/2008
Action: File review

SOCO (Continued) **S103820820**

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 03/03/2009
Action: Staff Letter - #RCDEH 030309

Global Id: T0606500182
Action Type: RESPONSE
Date: 08/23/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606500182
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 04/23/2008
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606500182
Action Type: RESPONSE
Date: 02/11/2010
Action: Site Assessment Report

Global Id: T0606500182
Action Type: RESPONSE
Date: 10/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 01/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 08/23/2010
Action: Staff Letter - #RCDEH 082310

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 01/19/2018
Action: Closure/No Further Action Letter - #2017-0019-UST

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 04/24/2017
Action: File review - #RCDEH site summary

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 12/06/2012
Action: Technical Correspondence / Assistance / Other - #RCDEH 120612

Global Id: T0606500182
Action Type: RESPONSE

SOCO (Continued) **S103820820**

Date: 07/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Annually

Global Id: T0606500182
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 01/07/2013
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 12/11/2007
Action: Staff Letter - #121107

Global Id: T0606500182
Action Type: RESPONSE
Date: 04/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Annually

Global Id: T0606500182
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Quarterly

SOCO (Continued) **S103820820**

Global Id: T0606500182
Action Type: REMEDIATION
Date: 02/02/2000
Action: Free Product Removal

Global Id: T0606500182
Action Type: RESPONSE
Date: 10/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: REMEDIATION
Date: 06/12/2006
Action: Soil Vapor Extraction (SVE)

Global Id: T0606500182
Action Type: RESPONSE
Date: 07/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 04/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 04/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 07/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 10/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 04/03/2008
Action: File review

Global Id: T0606500182
Action Type: Other
Date: 05/22/1990
Action: Leak Reported

Global Id: T0606500182
Action Type: RESPONSE

SOCO (Continued) **S103820820**

Date: 01/30/2009
Action: Other Workplan

Global Id: T0606500182
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 07/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: RESPONSE
Date: 07/31/2012
Action: Soil and Water Investigation Workplan

Global Id: T0606500182
Action Type: RESPONSE
Date: 08/15/2014
Action: Well Installation Workplan - Regulator Responded

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 06/04/2012
Action: Technical Correspondence / Assistance / Other - #RCDEH 060412

Global Id: T0606500182
Action Type: Other
Date: 05/01/1990
Action: Leak Stopped

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 10/13/2017
Action: State Water Board Closure Order - #WQO-2017-0019-UST

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 09/28/2016
Action: Notification - Public Notice of Case Closure - #09/20/2016

Global Id: T0606500182
Action Type: RESPONSE
Date: 10/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 11/29/2007
Action: File review

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 04/26/2007
Action: File review

SOCO (Continued) **S103820820**

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 07/16/2007
Action: File review

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 10/16/2007
Action: File review

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 01/17/2007
Action: Technical Correspondence / Assistance / Other - #011707

Global Id: T0606500182
Action Type: Other
Date: 04/23/1990
Action: Leak Discovery

Global Id: T0606500182
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Annually

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 07/30/2009
Action: Staff Letter - #RCDEH073009

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 12/14/2009
Action: Staff Letter - #RCDEH 121409

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 09/28/2016
Action: State Water Board Closure Order - #09/20/2016

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 09/28/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR) - #09/20/2016

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 01/11/2017
Action: File review - #RCDEH site file

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 05/23/2016
Action: Clean Up Fund - Letter to RP - #Fund May 23 2016 Invitation

Global Id: T0606500182
Action Type: RESPONSE

SOCO (Continued) **S103820820**

Date: 08/29/2014
Action: Remedial Progress Report

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 06/04/2012
Action: Technical Correspondence / Assistance / Other - #RCDEH 060412

Global Id: T0606500182
Action Type: ENFORCEMENT
Date: 02/23/2009
Action: File review

Global Id: T0606500182
Action Type: RESPONSE
Date: 01/26/2008
Action: Soil and Water Investigation Workplan

Global Id: T0606500182
Action Type: RESPONSE
Date: 05/16/2017
Action: Well Destruction Report

LUST:
Global Id: T0606500182
Status: Open - Case Begin Date
Status Date: 04/23/1990

Global Id: T0606500182
Status: Open - Site Assessment
Status Date: 05/22/1990

Global Id: T0606500182
Status: Open - Site Assessment
Status Date: 05/25/1990

Global Id: T0606500182
Status: Open - Remediation
Status Date: 08/01/1995

Global Id: T0606500182
Status: Completed - Case Closed
Status Date: 01/19/2018

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 90404
Employee: Shurlow-LOP
Site Closed: Not Closed
Case Type: Drinking Water Aquifer affected
Facility Status: RV
Casetype Decode: An Aquifer used for Drinking Water supply has been contaminated.
Fstatus Decode: Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

G29
WNW
1/4-1/2
0.410 mi.
2167 ft.

THRIFTY #347/ARCO #9719
401 E E SIXTH ST
BEAUMONT, CA 92223

LUST S109284930
HIST UST N/A

Site 1 of 3 in cluster G

Relative: Higher

Actual: 2615 ft.

LUST:

Lead Agency:	RIVERSIDE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500547
Global Id:	T0606500547
Latitude:	33.9290871159517
Longitude:	-116.976637656414
Status:	Completed - Case Closed
Status Date:	11/14/2003
Case Worker:	RIV
RB Case Number:	083303293T
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	980428
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0606500547
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558980

Global Id:	T0606500547
Contact Type:	Regional Board Caseworker
Contact Name:	VALERIE JAHN-BULL
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	valerie.jahn-bull@waterboards.ca.gov
Phone Number:	9517824903

LUST:

Global Id:	T0606500547
Action Type:	Other
Date:	12/29/1997
Action:	Leak Discovery

Global Id:	T0606500547
Action Type:	Other
Date:	04/29/1998
Action:	Leak Stopped

Global Id:	T0606500547
Action Type:	Other
Date:	04/29/1998
Action:	Leak Reported

THRIFTY #347/ARCO #9719 (Continued) **S109284930**

Global Id: T0606500547
Action Type: ENFORCEMENT
Date: 11/14/2003
Action: Closure/No Further Action Letter - #Riv Co Closure

Global Id: T0606500547
Action Type: ENFORCEMENT
Date: 11/13/2003
Action: File review - #RCDEH Upload Site File 10/28/2015

LUST:
Global Id: T0606500547
Status: Open - Case Begin Date
Status Date: 12/29/1997

Global Id: T0606500547
Status: Completed - Case Closed
Status Date: 11/14/2003

HIST UST:
File Number: 0001FA32
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001FA32.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

G30 **THRIFTY OIL #349** **LUST S103950778**
WNW **401 E SIXTH ST** **SWEEPS UST N/A**
1/4-1/2 **BEAUMONT, CA 92223**
0.410 mi.
2167 ft. **Site 2 of 3 in cluster G**

Relative: **Higher**
Actual: **2615 ft.**

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 980428
Employee: Shurlow-LOP
Site Closed: Yes
Case Type: Soil only

THRIFTY OIL #349 (Continued) **S103950778**

Facility Status: closed/action completed
Casetype Decode: Soil only is impacted
Fstatus Decode: Closed/Action completed

SWEEPS UST:
Status: Active
Comp Number: 4736
Number: 1
Board Of Equalization: 44-010930
Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 02-29-88
Owner Tank Id: 349-1
SWRCB Tank Id: 33-000-004736-000001
Tank Status: A
Capacity: 8000
Active Date: 11-19-92
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Status: Active
Comp Number: 4736
Number: 1
Board Of Equalization: 44-010930
Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 02-29-88
Owner Tank Id: 349-2
SWRCB Tank Id: 33-000-004736-000002
Tank Status: A
Capacity: 15000
Active Date: 11-19-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 4736
Number: 1
Board Of Equalization: 44-010930
Referral Date: 11-19-92
Action Date: 11-19-92
Created Date: 02-29-88
Owner Tank Id: 349-3
SWRCB Tank Id: 33-000-004736-000003
Tank Status: A
Capacity: 10000
Active Date: 11-19-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active

THRIFTY OIL #349 (Continued) **S103950778**

Comp Number:	4736
Number:	1
Board Of Equalization:	44-010930
Referral Date:	11-19-92
Action Date:	11-19-92
Created Date:	02-29-88
Owner Tank Id:	349-6
SWRCB Tank Id:	33-000-004736-000004
Tank Status:	A
Capacity:	8000
Active Date:	11-19-92
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

F31 **SOCO STATION** **LUST** **S101300315**
West **373** **HIST CORTESE** **N/A**
1/4-1/2 **BEAUMONT, CA 92223**
0.412 mi.
2173 ft. **Site 4 of 5 in cluster F**

Relative: **Lower**

Actual: **2599 ft.**

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Remedial action (cleanup) Underway
Case Number:	083301536T
Local Case Num:	90404
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Vapor Extraction
Cross Street:	I-10
Enf Type:	None Taken
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Piping
Global ID:	T0606500182
How Stopped Date:	4/23/1990
Enter Date:	5/24/1990
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	5/25/1990
Discover Date:	4/23/1990
Enforcement Date:	1/1/1965
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	3/1/1993
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	5/24/1990
GW Qualifies:	=
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported

SOCO STATION (Continued) **S101300315**

Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.9517257
Longitude:	-116.970595
MTBE Date:	1/1/1965
Max MTBE GW:	894
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	B
Staff:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083301536T

F32 **CAL TRANS** **LUST** **S110654908**
West **BEAUMONT AVE & I-10** **N/A**
1/4-1/2 **BEAUMONT, CA 92223**
0.416 mi.
2195 ft. **Site 5 of 5 in cluster F**

Relative: **Lower**
Actual: **2598 ft.**

LUST:

Lead Agency:	RIVERSIDE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500176
Global Id:	T0606500176
Latitude:	33.925836519985
Longitude:	-116.977271676721
Status:	Completed - Case Closed
Status Date:	01/18/1991
Case Worker:	RIV
RB Case Number:	083301488T
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	90284
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0606500176
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500

CAL TRANS (Continued) **S110654908**

City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0606500176
Contact Type: Local Agency Caseworker
Contact Name: Riverside County LOP
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: Not reported
Phone Number: 9519558980

LUST:
Global Id: T0606500176
Action Type: ENFORCEMENT
Date: 01/15/2009
Action: Closure/No Further Action Letter - #Site Closure

Global Id: T0606500176
Action Type: ENFORCEMENT
Date: 01/18/1991
Action: Closure/No Further Action Letter

Global Id: T0606500176
Action Type: Other
Date: 04/03/1990
Action: Leak Reported

Global Id: T0606500176
Action Type: Other
Date: 04/03/1990
Action: Leak Discovery

Global Id: T0606500176
Action Type: ENFORCEMENT
Date: 01/14/2009
Action: File review - #H Upload Site File 3/13/2015

LUST:
Global Id: T0606500176
Status: Open - Case Begin Date
Status Date: 04/03/1990

Global Id: T0606500176
Status: Open - Site Assessment
Status Date: 04/20/1990

Global Id: T0606500176
Status: Completed - Case Closed
Status Date: 01/18/1991

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

G33
WNW
1/4-1/2
0.420 mi.
2217 ft.

SOUTHWEST MOTORS
449-451 6TH ST
BEAUMONT, CA 92223

Site 3 of 3 in cluster G

LUST **S103464015**
N/A

Relative:
Higher

Actual:
2616 ft.

LUST REG 8:

Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083302113T
Local Case Num:	93058
Case Type:	Soil only
Substance:	Waste Oil
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Cross Street:	ELM
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Subsurface Monitoring
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500287
How Stopped Date:	Not reported
Enter Date:	9/28/1992
Date Confirmation of Leak Began:	9/28/1992
Date Preliminary Assessment Began:	Not reported
Discover Date:	8/5/1992
Enforcement Date:	Not reported
Close Date:	11/9/1993
Date Prelim Assessment Workplan Submitted:	2/5/1993
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	11/9/1993
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/28/1992
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.9517257
Longitude:	-116.970595
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL

SOUTHWEST MOTORS (Continued) **S103464015**

Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

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34 **DEUTCH ELEMENTARY SCHOOL NO. 2** **ENVIROSTOR** **S107736219**
North **CHERRY AVENUE/10TH STREET** **SCH** **N/A**
1/4-1/2 **BEAUMONT, CA 92223**
0.441 mi.
2328 ft.

Relative:
Higher

Actual:
2633 ft.

ENVIROSTOR:
Facility ID: 33010033
Status: No Further Action
Status Date: 12/18/2001
Site Code: 404215
Site Type: School Investigation
Site Type Detailed: School
Acres: 12
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 42
Senate: 23
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.9356
Longitude: -116.9644
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Arsenic Chromium III Copper and compounds Lead Mercury and compounds Nickel Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT
Confirmed COC: 30001-NO 30005-NO 30006-NO 30007-NO 30008-NO 30013-NO 30357-NO 30152-NO 30156-NO 30407-NO
Potential Description: SOIL
Alias Name: BEAUMONT UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: BEAUMONT USD-PROPOSED DEUTCH NO. 2
Alias Type: Alternate Name
Alias Name: DEUTCH ELEMENTARY NO. 2 (PROPOSED)
Alias Type: Alternate Name
Alias Name: 404215
Alias Type: Project Code (Site Code)
Alias Name: 33010033
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/18/2001
Comments: Not reported

DEUTCH ELEMENTARY SCHOOL NO. 2 (Continued) **S107736219**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 08/21/2001
Comments: Field work completed 8/21/01, Project then moved to PEA. PEA comments issued 10/15/01.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/09/2001
Comments: Phase 1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/07/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/21/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 33010033
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 12
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404215
Assembly: 42
Senate: 23
Special Program Status: Not reported
Status: No Further Action
Status Date: 12/18/2001
Restricted Use: NO
Funding: School District

DEUTCH ELEMENTARY SCHOOL NO. 2 (Continued) **S107736219**

Latitude:	33.9356
Longitude:	-116.9644
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, Chromium III, Copper and compounds, Lead, Mercury and compounds, Nickel, Total Chromium (1:6 ratio Cr VI:Cr III, DDD, DDE, DDT
Confirmed COC:	30001-NO, 30005-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO, 30357-NO, 30152-NO, 30156-NO, 30407-NO
Potential Description:	SOIL
Alias Name:	BEAUMONT UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	BEAUMONT USD-PROPOSED DEUTCH NO. 2
Alias Type:	Alternate Name
Alias Name:	DEUTCH ELEMENTARY NO. 2 (PROPOSED)
Alias Type:	Alternate Name
Alias Name:	404215
Alias Type:	Project Code (Site Code)
Alias Name:	33010033
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	12/18/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Workplan
Completed Date:	08/21/2001
Comments:	Field work completed 8/21/01, Project then moved to PEA. PEA comments issued 10/15/01.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	03/09/2001
Comments:	Phase 1
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/07/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	03/21/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported

DEUTCH ELEMENTARY SCHOOL NO. 2 (Continued) **S107736219**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

35
SW
1/4-1/2
0.480 mi.
2532 ft.

NOBLE CREEK ELEMENTARY SCHOOL NO. 2 **ENVIROSTOR** **S118756707**
BROOKSIDE AVENUE/NANCY STREET **SCH** **N/A**
BEAUMONT, CA 92223

Relative:
Lower

Actual:
2599 ft.

ENVIROSTOR:
Facility ID: 33010054
Status: No Action Required
Status Date: 01/24/2001
Site Code: 404185
Site Type: School Investigation
Site Type Detailed: School
Acres: 12
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 42
Senate: 23
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.9205
Longitude: -116.9736
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: BEAUMONT UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: BEAUMONT USD-NOBLE CREEK ELEM #2
Alias Type: Alternate Name
Alias Name: NOBLE CREEK ELEMENTARY SCHOOL (PROPOSED)
Alias Type: Alternate Name
Alias Name: 404185
Alias Type: Project Code (Site Code)
Alias Name: 33010054
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/24/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

NOBLE CREEK ELEMENTARY SCHOOL NO. 2 (Continued) **S118756707**

Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/30/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 33010054
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 12
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404185
Assembly: 42
Senate: 23
Special Program Status: Not reported
Status: No Action Required
Status Date: 01/24/2001
Restricted Use: NO
Funding: School District
Latitude: 33.9205
Longitude: -116.9736
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: BEAUMONT UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: BEAUMONT USD-NOBLE CREEK ELEM #2
Alias Type: Alternate Name
Alias Name: NOBLE CREEK ELEMENTARY SCHOOL (PROPOSED)
Alias Type: Alternate Name
Alias Name: 404185
Alias Type: Project Code (Site Code)
Alias Name: 33010054
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

NOBLE CREEK ELEMENTARY SCHOOL NO. 2 (Continued) **S118756707**

Completed Document Type:	Phase 1
Completed Date:	01/24/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/30/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

H36 **SUNDANCE ELEMENTARY SCHOOL** **ENVIROSTOR** **S106568101**
ENE **8TH STREET/XENA AVENUE** **SCH** **N/A**
1/2-1 **BEAUMONT, CA 92223**
0.661 mi.
3492 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

Actual:
2614 ft.

ENVIROSTOR:

Facility ID:	33010093
Status:	No Further Action
Status Date:	08/05/2004
Site Code:	404560
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	12
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Yolanda Garza
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	42
Senate:	23
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.933
Longitude:	-116.95
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic Chlordane DDD DDE DDT
Confirmed COC:	30001-NO 30004-NO 30006-NO 30007-NO 30008-NO
Potential Description:	SOIL
Alias Name:	BEAUMONT UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	BEAUMONT USD-SUNDANCE SCHOOL
Alias Type:	Alternate Name
Alias Name:	SUNDANCE ELEMENTARY SCHOOL

SUNDANCE ELEMENTARY SCHOOL (Continued) **S106568101**

Alias Type: Alternate Name
Alias Name: 404560
Alias Type: Project Code (Site Code)
Alias Name: 33010093
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/22/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/19/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/01/2005
Comments: informal approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/03/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 33010093
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 12
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404560
Assembly: 42

SUNDANCE ELEMENTARY SCHOOL (Continued) **S106568101**

Senate:	23
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	08/05/2004
Restricted Use:	NO
Funding:	School District
Latitude:	33.933
Longitude:	-116.95
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, Chlordane, DDD, DDE, DDT
Confirmed COC:	30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO
Potential Description:	SOIL
Alias Name:	BEAUMONT UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	BEAUMONT USD-SUNDANCE SCHOOL
Alias Type:	Alternate Name
Alias Name:	SUNDANCE ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	404560
Alias Type:	Project Code (Site Code)
Alias Name:	33010093
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	07/22/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/19/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	08/01/2005
Comments:	informal approved
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/03/2004
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number / EPA ID Number

I37
West
1/2-1
0.675 mi.
3566 ft.

BEAUMONT MGP
296 CALIFORNIA AVENUE
BEAUMONT, CA 92223

EDR MGP **1008407658**
N/A

Site 1 of 2 in cluster I

Relative:
Lower

Actual:
2573 ft.

Manufactured Gas Plants:
Former Manufactured Gas Plant (MGP) demolished in 1939.

H38
ENE
1/2-1
0.679 mi.
3585 ft.

DEUTCH ELEMENTARY SCHOOL NO. 1
8TH/ALLEGHENY
BEAUMONT, CA 92223

ENVIROSTOR SCH **S107736218**
N/A

Site 2 of 2 in cluster H

Relative:
Higher

Actual:
2610 ft.

ENVIROSTOR:

Facility ID:	33010032
Status:	No Further Action
Status Date:	12/18/2001
Site Code:	404188
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	12.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	42
Senate:	23
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.933
Longitude:	-116.95
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic Chlordane DDD DDE DDT
Confirmed COC:	30001-NO 30004-NO 30006-NO 30007-NO 30008-NO
Potential Description:	SOIL
Alias Name:	BEAUMONT UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	BEAUMONT USD-DEUTSCH 1 PROPOSED ELE SCH
Alias Type:	Alternate Name
Alias Name:	DEUTCH ELEMENTARY NO. 1 (PROPOSED)
Alias Type:	Alternate Name
Alias Name:	404188
Alias Type:	Project Code (Site Code)
Alias Name:	33010032
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	12/18/2001

DEUTCH ELEMENTARY SCHOOL NO. 1 (Continued) **S107736218**

Comments: DTSC approved the PEA Report with a no further action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/06/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/02/2000
Comments: Phase 1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/06/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 33010032
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 12.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404188
Assembly: 42
Senate: 23
Special Program Status: Not reported
Status: No Further Action
Status Date: 12/18/2001
Restricted Use: NO
Funding: School District
Latitude: 33.933
Longitude: -116.95
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Arsenic, Chlordane, DDD, DDE, DDT

DEUTCH ELEMENTARY SCHOOL NO. 1 (Continued) **S107736218**

Confirmed COC:	30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO
Potential Description:	SOIL
Alias Name:	BEAUMONT UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	BEAUMONT USD-DEUTSCH 1 PROPOSED ELE SCH
Alias Type:	Alternate Name
Alias Name:	DEUTCH ELEMENTARY NO. 1 (PROPOSED)
Alias Type:	Alternate Name
Alias Name:	404188
Alias Type:	Project Code (Site Code)
Alias Name:	33010032
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	12/18/2001
Comments:	DTSC approved the PEA Report with a no further action determination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	06/06/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	12/02/2000
Comments:	Phase 1
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/06/2002
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

I39 **LOMA LINDA UNIVERSITY PROPERTY** **ENVIROSTOR** **S104156170**
West **NE CORNER OF 3RD ST. AND PENNSYLVANIA AV** **N/A**
1/2-1 **BEAMOUNT, CA 92223**
0.701 mi.
3703 ft. **Site 2 of 2 in cluster I**

Relative: ENVIROSTOR:
Lower

Facility ID:	33990002
Status:	Refer: EPA
Status Date:	02/27/2007

Actual:
2569 ft.

LOMA LINDA UNIVERSITY PROPERTY (Continued) **S104156170**

Site Code: 400728
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 20
NPL: NO
Regulatory Agencies: SMBRP, US EPA
Lead Agency: US EPA
Program Manager: Joseph Cully
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 42
Senate: 23
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.92482
Longitude: -116.9821
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: Arsenic Lead Chromium VI
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: LOMA LINDA UNIVERSITY PROPERTY
Alias Type: Alternate Name
Alias Name: 400728
Alias Type: Project Code (Site Code)
Alias Name: 33990002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 11/07/2006
Comments: An abbreviated preliminary assessment report was completed by Weston Solutions, Inc., a U.S. EPA contractor. On November 7, 2006, U.S. EPA determined that no further remedial action was needed under CERCLA for this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/18/1998
Comments: Site Screening Completed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation | Site | MAP FINDINGS | Database(s) | EDR ID Number EPA ID Number

40
West
1/2-1
0.711 mi.
3756 ft.

PRECISION STAMPING, INC.
246 W. 5TH ST.
RIVERSIDE, CA 92223

ENVIROSTOR **S110494180**
N/A

Relative:
Lower

Actual:
2587 ft.

ENVIROSTOR:

Facility ID:	71004112
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Cypress
Assembly:	60
Senate:	31
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.87663
Longitude:	-117.5679
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAL000312071
Alias Type:	EPA Identification Number
Alias Name:	71004112
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

41
ENE
1/2-1
0.849 mi.
4481 ft.

SAN GORGONIO MEMORIAL HOSPITAL
600 NORTH HIGHLAND SPRINGS AVENUE
BANNING, CA 92220

ENVIROSTOR **S118756744**
N/A

Relative:
Lower

Actual:
2598 ft.

ENVIROSTOR:

Facility ID:	33800001
Status:	No Action Required
Status Date:	03/27/1995
Site Code:	400528
Site Type:	Calmortgage
Site Type Detailed:	Calmortgage
Acres:	0.25
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Sandra Karinen
Supervisor:	William Beckman
Division Branch:	Cleanup Sacramento
Assembly:	42
Senate:	23
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	CalMortgage
Latitude:	33.93183
Longitude:	-116.9456
APN:	NONE SPECIFIED
Past Use:	NONE
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NMA
Alias Name:	400528
Alias Type:	Project Code (Site Code)
Alias Name:	33800001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	03/27/1995
Comments:	Pursuant to the MOU, DTSC has prepared a Phase I Environmental Assessment for the San Gorgonio Hospital. The property contains an acute care hosptial and medical office buildings. A Phase I Report was prepared by DTSC and concluded that no action was needed for this property; there is no contamination on the property.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BANNING	S107541172		WEST BOUND I-10 AT RAMSEY OFF	92220	CDL
BEAUMONT	S108985914	LOCKHEED PROPULSION CO (P)	N/A POTRERO ROAD		CPS-SLIC

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 37

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 26
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 51
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/21/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 48

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/28/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 46

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/05/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/24/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/09/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/04/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/27/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 87

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018
Date Data Arrived at EDR: 03/17/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO

Cupa facilities

Date of Government Version: 04/20/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

DRYCLEAN AVAQMD: DRYCLEAN AVAQMD

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner’s agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 36

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 07/06/2018
Number of Days to Update: 73

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/20/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 38

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/21/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 55

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/21/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 07/05/2018
Number of Days to Update: 50

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/19/2018
Number of Days to Update: 43

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/23/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 04/13/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 65

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 70

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/09/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 36

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/21/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/30/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/30/2018
Number of Days to Update: 53

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 50

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/02/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 72

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/09/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206
Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 60
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/18/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 40

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 03/30/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 28

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/30/2018
Date Data Arrived at EDR: 06/01/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 42

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 05/22/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/13/2018
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 31
Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 07/02/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 41
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 45
Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 42
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 45
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 63

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/05/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 43

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 50

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 71

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 52

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 11
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 06/07/2018
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 28
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 56

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 55

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/19/2018
Number of Days to Update: 58
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51
Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 40
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 30
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 06/19/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/09/2018
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 35

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 33

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List
Cupa facilities

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List
Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 58

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 04/26/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 28
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/20/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 9
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 31
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 36
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PENNSYLVANIA AVENUE & I10
PENNSYLVANIA AVENUE & I10
BEAUMONT, CA 92223

TARGET PROPERTY COORDINATES

Latitude (North):	33.927342 - 33° 55' 38.43''
Longitude (West):	116.966048 - 116° 57' 57.77''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	503138.1
UTM Y (Meters):	3753906.2
Elevation:	2603 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5629739 BEAUMONT, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

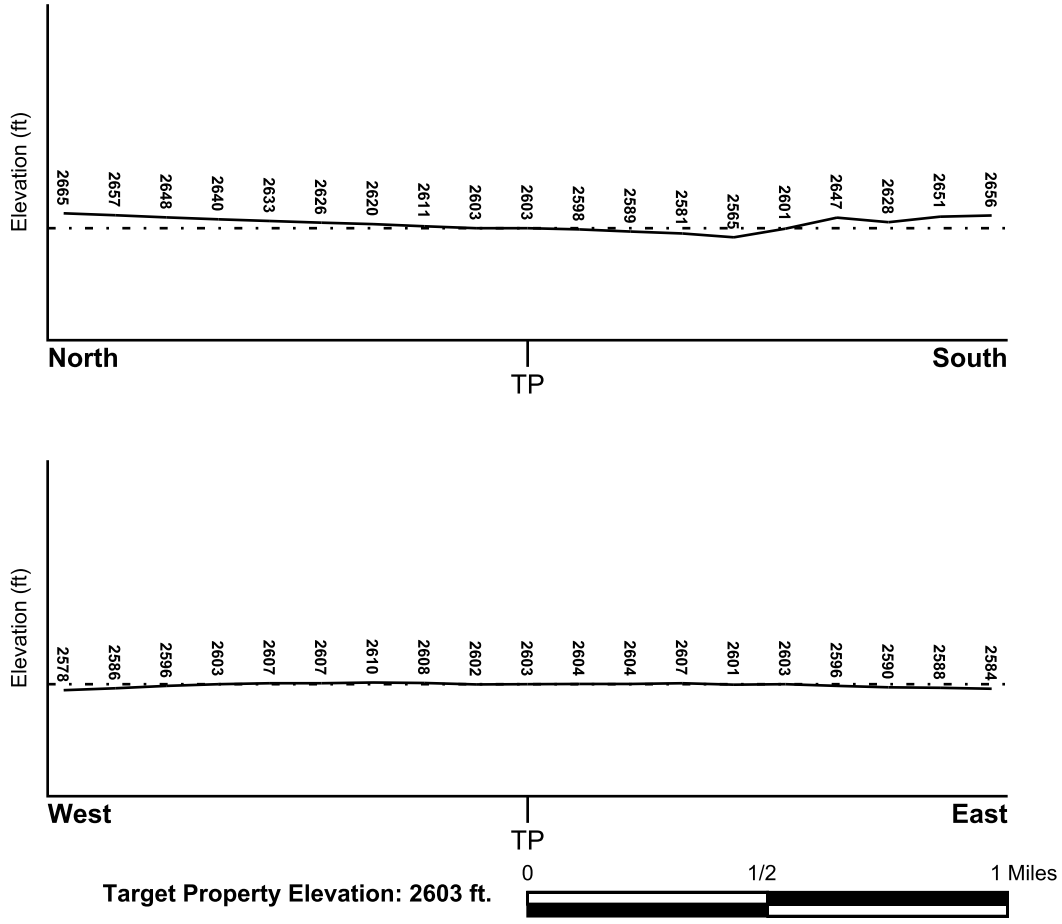
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06065C0812G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06065C0805G	FEMA FIRM Flood data
06065C0803G	FEMA FIRM Flood data
06065C0811G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BEAUMONT	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

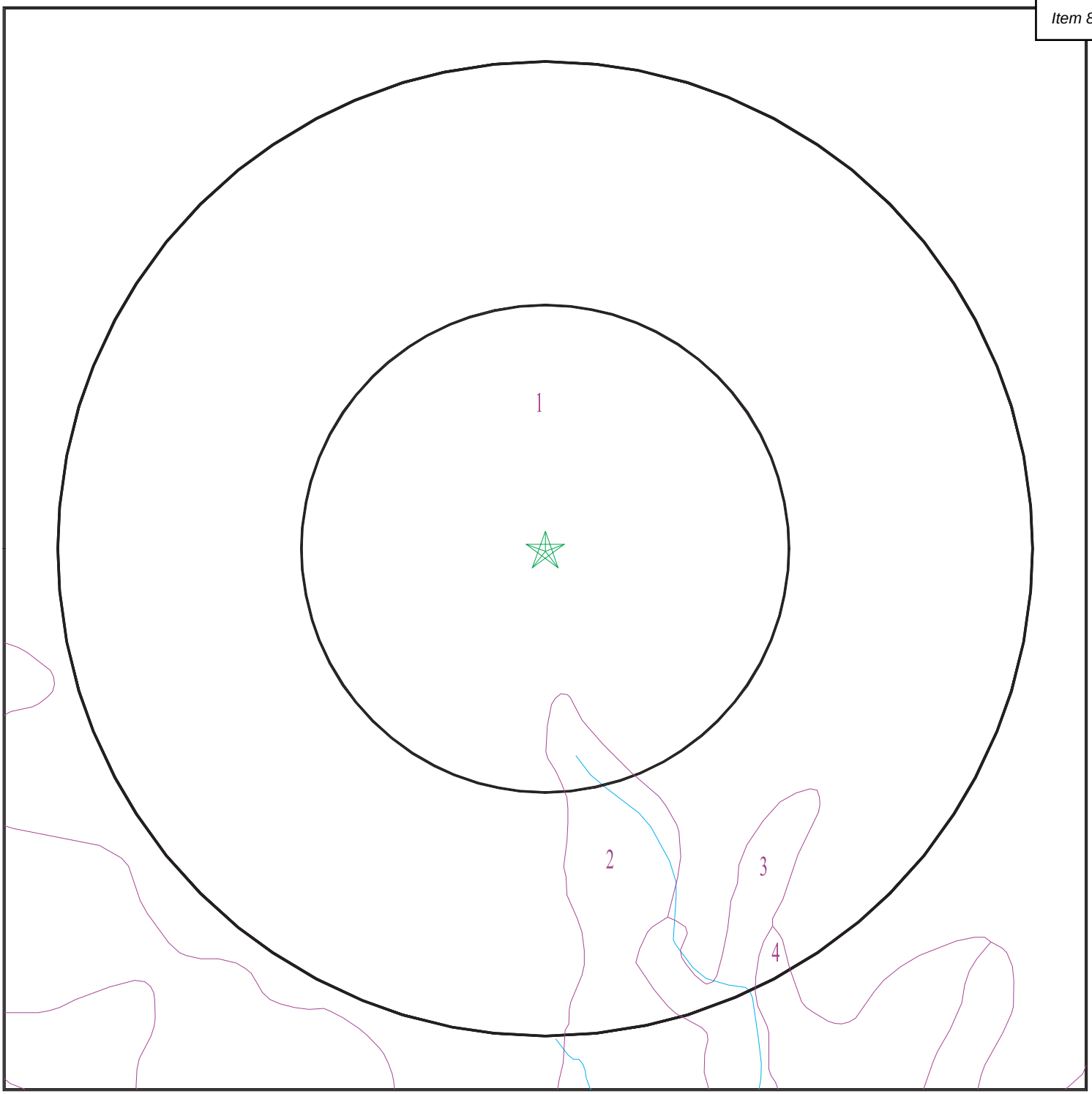
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5373486.2s



SITE NAME:	Pennsylvania Avenue & I10	CLIENT:	Leighton Consulting
ADDRESS:	Pennsylvania Avenue & I10 Beaumont CA 92223	CONTACT:	Breeanna Copeland
		INQUIRY #:	5373486.2s
LAT/LONG:	33.927342 / 116.966048	DATE:	July 26, 2018 12:34 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	14 inches	22 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	22 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 inches	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	11 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: Terrace escarpments

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	7 inches	16 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	16 inches	68 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B5	USGS40000138992	1/2 - 1 Mile South
B6	USGS40000138991	1/2 - 1 Mile South
C8	USGS40000138999	1/2 - 1 Mile SSW
C9	USGS40000138989	1/2 - 1 Mile SSW
11	USGS40000139164	1/2 - 1 Mile North
D12	USGS40000139173	1/2 - 1 Mile NNW
D14	USGS40000139177	1/2 - 1 Mile NNW
15	USGS40000139175	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

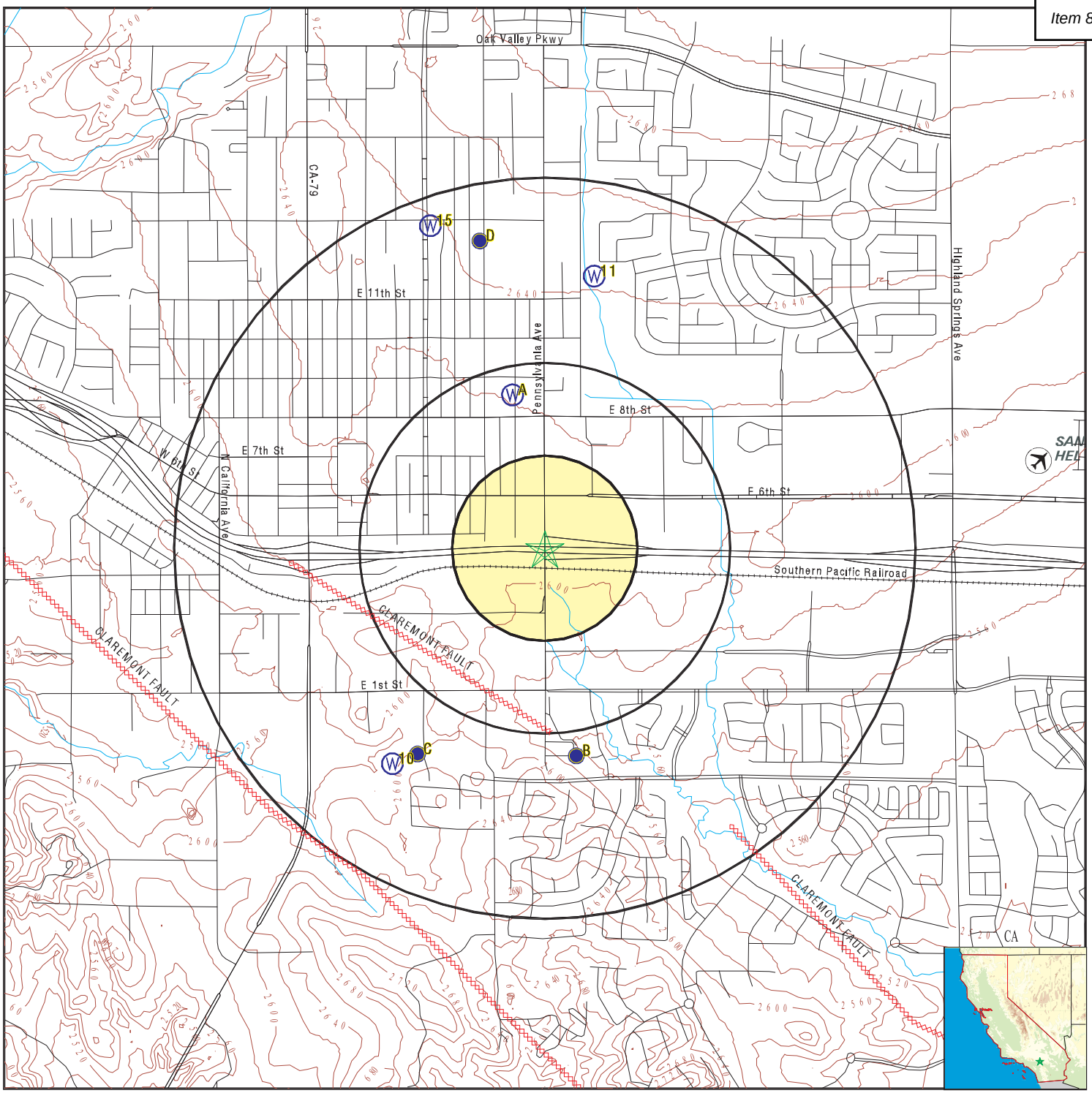
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	3460	1/4 - 1/2 Mile NNW
A2	3461	1/4 - 1/2 Mile NNW
A3	3462	1/4 - 1/2 Mile NNW
B4	CADW60000032040	1/2 - 1 Mile South
C7	CADW60000014511	1/2 - 1 Mile SSW
10	CADW60000017344	1/2 - 1 Mile SW
D13	CADW60000003783	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 5373486.2s

Item 8.



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Pennsylvania Avenue & I10	CLIENT:	Leighton Consulting
ADDRESS:	Pennsylvania Avenue & I10 Beaumont CA 92223	CONTACT:	Breeanna Copeland
		INQUIRY #:	5373486.2s
LAT/LONG:	33.927342 / 116.966048	DATE:	July 26, 2018 12:34 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **3460**

Water System Information:

Prime Station Code:	03S/01W-03K01 S	User ID:	WAT
FRDS Number:	3310002002	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	335600.0 1165800.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 02		
System Number:	3310002		
System Name:	BEAUMONT-CHERRY VALLEY WD		
Organization That Operates System:			
	P O BOX 2037		
	BEAUMONT, CA 92223		
Pop Served:	18000	Connections:	5666
Area Served:	BEAUMONT-CHERRY VALLEY		

A2
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **3461**

Water System Information:

Prime Station Code:	03S/01W-03K02 S	User ID:	WAT
FRDS Number:	3310002003	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	335600.0 1165800.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 03		
System Number:	3310002		
System Name:	BEAUMONT-CHERRY VALLEY WD		
Organization That Operates System:			
	P O BOX 2037		
	BEAUMONT, CA 92223		
Pop Served:	18000	Connections:	5666
Area Served:	BEAUMONT-CHERRY VALLEY		
Sample Collected:	18-DEC-12	Findings:	2.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-OCT-13	Findings:	350. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	22-OCT-13	Findings:	8.2
Chemical:	PH, LABORATORY		
Sample Collected:	22-OCT-13	Findings:	150. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	22-OCT-13	Findings:	180. MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	22-OCT-13	Findings:	130. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	22-OCT-13	Findings:	37. MG/L
Chemical:	CALCIUM		
Sample Collected:	22-OCT-13	Findings:	9.4 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	22-OCT-13	Findings:	25. MG/L
Chemical:	SODIUM		
Sample Collected:	22-OCT-13	Findings:	1.7 MG/L
Chemical:	POTASSIUM		
Sample Collected:	22-OCT-13	Findings:	7.6 MG/L
Chemical:	CHLORIDE		
Sample Collected:	22-OCT-13	Findings:	11. MG/L
Chemical:	SULFATE		
Sample Collected:	22-OCT-13	Findings:	0.3 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	22-OCT-13	Findings:	11. UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	22-OCT-13	Findings:	3.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-NOV-13	Findings:	12. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	12-NOV-13	Findings:	210. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	14-OCT-14	Findings:	11. UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	31-MAR-15	Findings:	9.5 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	18-AUG-16	Findings:	380. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	18-AUG-16	Findings:	8.
Chemical:	PH, LABORATORY		
Sample Collected:	18-AUG-16	Findings:	150. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	18-AUG-16	Findings:	190. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	18-AUG-16	Findings:	1.7 MG/L
Chemical:	NITRATE (AS N)		
Sample Collected:	18-AUG-16	Findings:	37. MG/L
Chemical:	CALCIUM		
Sample Collected:	18-AUG-16	Findings:	13. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	18-AUG-16	Findings:	24. MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	18-AUG-16	Findings:	1.5 MG/L
Chemical:	POTASSIUM		
Sample Collected:	18-AUG-16	Findings:	13. MG/L
Chemical:	CHLORIDE		
Sample Collected:	18-AUG-16	Findings:	11. MG/L
Chemical:	SULFATE		
Sample Collected:	18-AUG-16	Findings:	0.5 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	18-AUG-16	Findings:	7.3 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	18-AUG-16	Findings:	450. UG/L
Chemical:	IRON		
Sample Collected:	18-AUG-16	Findings:	240. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	18-AUG-16	Findings:	1.7 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	18-AUG-16	Findings:	0.765 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	18-AUG-16	Findings:	1.27 PCI/L
Chemical:	GROSS ALPHA MDA95		

A3
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **3462**

Water System Information:

Prime Station Code:	03S/01W-03K03 S	User ID:	WAT
FRDS Number:	3310002001	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	335600.0 1165800.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 01		
System Number:	3310002		
System Name:	BEAUMONT-CHERRY VALLEY WD		
Organization That Operates System:	P O BOX 2037 BEAUMONT, CA 92223		
Pop Served:	18000	Connections:	5666
Area Served:	BEAUMONT-CHERRY VALLEY		
Sample Collected:	19-DEC-12	Findings:	2.7 MG/L
Chemical:	NITRATE (AS NO3)		

B4
South
1/2 - 1 Mile
Lower

CA WELLS **CADW60000032040**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	32040
Latitude:	33.9192
Longitude:	-116.9651
Site code:	339192N1169651W001
State well numbe:	03S01W10R003S
Local well name:	''
Well use id:	6
Well use descrip:	Unknown
County id:	33
County name:	Riverside
Basin code:	'8-2.08'
Basin desc:	San Timoteo
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000032040

B5
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000138992**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335509116575201		
Monloc name:	003S001W10R004S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.9192222
Longitude:	-116.9644167	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	2570
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	20080722	Welldepth:	300
Welldepth units:	ft	Wellholedepth:	310
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

B6
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000138991**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335509116575101		
Monloc name:	003S001W10R003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.9192167
Longitude:	-116.9641806	Sourcemap scale:	24000

Horiz Acc measure:	.01	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	2566.95
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19610605	Welldepth:	290
Welldepth units:	ft	Wellholedepth:	304
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 10

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-10-26	90.5		2004-04-21	88.8	
2003-11-18	94.2		2003-04-29	91.3	
2002-11-04	86.4				
2002-04-22	88.2				
Note: The site had been pumped recently.					
2001-11-06	93.2		2001-05-15	87.4	
2000-10-24	94.6		2000-04-26	80.4	

C7
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADW60000014511**

Objectid:	14511
Latitude:	33.9195
Longitude:	-116.9719
Site code:	339195N1169719W001
State well numbe:	03S01W10Q003S
Local well name:	’’
Well use id:	6
Well use descrip:	Unknown
County id:	33
County name:	Riverside
Basin code:	’8-2.08’
Basin desc:	San Timoteo
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000014511

C8
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000138999**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335510116581901		
Monloc name:	003S001W10Q003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.9194528
Longitude:	-116.9719167	Sourcemap scale:	24000

Horiz Acc measure:	.01	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	2598.74
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	154.2
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 10

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-10-26	55.0				
2004-04-21					
Note: The site was dry (no water level recorded).					
2003-11-18					
Note: The site was dry (no water level recorded).					
2003-04-29	52.9		2002-11-04	53.0	
2002-04-23	52.4		2001-11-06	52.1	
2001-05-15	51.1		2000-10-24	51.0	
2000-04-26	50.8				

C9
SSW **FED USGS** **USGS40000138989**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335508116581801		
Monloc name:	003S001W10Q004S		
Monloc type:	Well		
Monloc desc:	ROCKWELL GPS FOR LAT/LONG., NAD27		
Huc code:	18070203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.9189053
Longitude:	-116.9722477	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2620
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

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Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-04-26	73.4				
Note: The site was being pumped.					
1999-10-28	67.9				
Note: The site was being pumped.					
1998-06-10	61.4				
Note: The site had been pumped recently.					

10
SW
1/2 - 1 Mile
Lower

CA WELLS **CADW60000017344**

Objectid:	17344
Latitude:	33.9189
Longitude:	-116.9732
Site code:	339189N1169732W001
State well numbe:	03S01W10Q004S
Local well name:	’’
Well use id:	6
Well use descrip:	Unknown
County id:	33
County name:	Riverside
Basin code:	’8-2.08’
Basin desc:	San Timoteo
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000017344

11
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000139164**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335616116574901		
Monloc name:	003S001W02M001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.938
Longitude:	-116.9637222	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	2639
Vert measure units:	feet	Vertacc measure val:	20.
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

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Aquifer type:	Not Reported		
Construction date:	20060201	Welldepth:	1070
Welldepth units:	ft	Wellholedepth:	1090
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

D12
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000139173**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335621116581701		
Monloc name:	003S001W03K002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.9386806
Longitude:	-116.9690972	Sourcemap scale:	24000
Horiz Acc measure:	.01	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	2643.43
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19520511	Welldepth:	812
Welldepth units:	ft	Wellholedepth:	812
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 337

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-05-03	400		1998-10-06	406	
1998-03-08	420		1997-10-14		2214
1997-05-01		2248	1996-11-01		2240
1995-12-04		2242	1995-05-05		2248
1994-11-08		2242	1994-05-12		2248
1993-10-14	406.6		1992-01-12	417	
1991-11-29	405		1991-11-01	410	
1991-08-21	398		1991-06-23	400	
1991-05-29	401		1991-03-24	398	
1991-02-18	398		1991-01-23	409	
1990-09-29	409		1990-08-26	409	
1990-08-04	416		1990-06-26	400	
1990-05-28	403		1990-04-27	400	
1990-03-30	405		1990-02-23	400	
1990-01-31	400		1989-12-21	400	
1989-10-30	405		1989-08-31		2158
1989-07-29		2175	1989-06-12		2177
1989-04-29	395		1989-04-01	387	
1989-02-09	385		1989-01-11	387	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1988-12-12	385	
1988-10-07		2177
1986-10-25		2201
1984-01-08	382	
1983-08-15	386	
1983-01-10	382	
1981-09-15	370	
1980-07-20	370	
1980-06-16	368	
1980-05-09	369	
1980-03-30	365	
1980-01-30	371	
1979-11-30	382	
1979-10-10	382	
1979-09-05	386	
1979-08-08	383	
1979-07-04	370	
1979-06-06	376	
1979-05-04	367	
1979-03-15	379	
1979-01-15	386	
1978-11-15	393	
1978-09-10	396	
1978-08-02	394	
1978-06-25	392	
1978-05-22	383	
1978-03-06	394	
1978-01-13	414	
1977-11-10	414	
1977-09-20	414	
1977-08-14	414	
1977-07-10	408.1	
1977-06-01	393	
1977-04-13	391	
1977-02-17	396	
1976-12-13	400	
1976-11-07	392	
1976-09-15	400	
1976-08-06	411	
1976-07-06	370	
1976-06-01	408	
1976-04-15	408	
1976-02-13	407	
1975-12-12	408	
1975-09-25	392	
1975-08-27	392	
1975-07-21	386.4	
1975-06-12	391	
1975-05-06	384	
1975-03-28	383.4	
1975-01-30	392	
1974-12-16	408.2	
1974-10-10	388	
1974-09-03	386.4	
1974-08-05	383	
1988-11-12	393	
1988-09-09		2148
1984-02-12	381	
1983-09-11	385	
1983-02-07	381	
1982-12-03	394	
1980-08-10	374	
1980-07-10	368	
1980-05-24	369	
1980-04-23	360	
1980-02-28	367	
1979-12-30	370	
1979-10-30	383	
1979-09-26	382	
1979-08-23	387	
1979-07-24	381	
1979-06-20	379	
1979-05-21	368	
1979-04-15	368	
1979-02-15	386	
1978-12-15	388	
1978-10-02	397	
1978-08-22	397	
1978-07-17	393	
1978-06-11	383	
1978-04-06	381	
1978-02-06	414	
1977-12-13	414	
1977-10-08	414	
1977-09-06	414	
1977-07-27	412	
1977-06-24	407	
1977-05-14	392	
1977-03-12	392	
1977-01-17	392	
1976-11-19	390	
1976-10-10	396	
1976-08-30	412	
1976-07-19	408	
1976-06-16	379	
1976-05-12	407	
1976-03-16	404	
1976-01-12	409.2	
1975-11-05	401	
1975-09-18	392	
1975-08-11	390	
1975-07-03	388	
1975-05-26	384	
1975-04-15	384	
1975-02-28	386.2	
1975-01-12	406.2	
1974-11-11	407	
1974-09-24	387	
1974-08-19	387.2	
1974-07-15	380.2	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1974-06-24	381	
1974-05-18	391.4	
1974-04-15	398.3	
1974-02-25	399.2	
1973-12-28	397.5	
1973-10-22	391	
1973-02-23	398	
1971-09-01	376.4	
1971-07-01	374.4	
1971-05-16	374.4	
1971-03-24	374.4	
1971-01-18	376	
1970-11-05	371.4	
1970-09-23		2266
1970-08-18		2263
1970-07-13		2267
1970-06-08		2256
1970-05-03		2241
1970-03-23		2271
1969-11-14		2237
1969-09-24		2235
1969-08-22		2233
1969-07-22		2216
1969-06-18		2255
1969-05-07		2253
1969-03-10		2251
1968-11-19		2255
1968-10-08		2215
1966-09-16	384	
1966-08-26	399.2	
1966-07-27	384	
1966-06-13		2220
1966-05-16	389	
1966-04-18	380	
1966-02-21	390	
1965-12-31	383	
1965-09-17	390.2	
1965-08-04	393	
1965-06-03	384	
1965-04-09	382	
1965-02-04	380	
1964-12-02	378	
1964-09-29	428	
1964-07-28	425	
1964-04-24	378	
1964-02-25	380	
1963-12-17	378	
1963-05-14	386	
1963-03-27	376.2	
1963-02-13	370.4	
1963-01-16	379.6	
1962-12-08	386.2	
1962-09-04	409.4	
1962-08-08	397.4	
1962-07-11	399.4	
1974-06-06	378	
1974-05-01	393.2	
1974-03-27	386.2	
1974-01-25	391.4	
1973-11-27	398.5	
1973-10-10	392.3	
1972-12-14	396	
1971-08-16	384.4	
1971-06-01	374.4	
1971-04-05	375.4	
1971-02-10	373.4	
1970-12-07	372.4	
1970-10-21	376.4	
1970-09-02		2267
1970-08-03		2265
1970-06-26		2256
1970-05-18		2256
1970-04-16		2271
1970-02-23		2271
1969-10-24		2237
1969-09-04		2231
1969-08-13		2248
1969-07-11		2216
1969-06-08		2255
1969-04-07		2244
1969-02-04		2239
1968-10-21		2259
1968-02-09	387.9	
1966-09-05		2234
1966-08-14	387	
1966-07-12		2224
1966-06-01	382	
1966-05-01	379	
1966-03-22	382	
1966-01-25	389	
1965-10-07	398	
1965-09-07	391	
1965-07-01	387	
1965-05-05	382	
1965-03-03	379	
1965-01-05	380	
1964-10-30	385	
1964-08-28	426	
1964-05-22	380	
1964-03-19	376	
1964-01-20	376	
1963-11-12	380	
1963-04-11	378.4	
1963-03-14	380	
1963-01-24	380.2	
1962-12-12	386.8	
1962-10-23	389.6	
1962-08-22	392.4	
1962-07-26	399.4	
1962-06-22		2273

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1962-06-01		2271
1962-02-22		2285
1961-12-27		2278
1961-10-16		2220
1961-09-11		2259
1961-08-14		2224
1961-07-18		2224
1961-06-07	423.4	
1961-05-03	372.4	
1961-03-21	364.4	
1961-02-06	373.5	
1960-12-27	375	
1960-11-14	374	
1960-09-24	394	
1960-08-25	444.3	
1960-07-13	434	
1960-06-15	388.2	
1960-03-21	366.4	
1960-01-26	363.6	
1959-12-01	371.2	
1959-10-26	378.5	
1959-09-29	430	
1959-09-08	431.4	
1959-08-22	439.4	
1959-08-05	427.4	
1959-07-14	447	
1959-06-23	386.4	
1959-04-29	374.4	
1959-04-15	370.3	
1959-03-16	357.8	
1956-11-30	358.1	
1956-08-10	475.6	
1954-10-03	392.8	
1954-07-15	397.2	
1954-02-26	338.7	
1953-12-03	342.3	
1953-09-13	376.2	
1953-06-22	390.2	
1952-12-05	341.1	
1952-05-29	336.3	
1962-05-02		2266
1962-01-16		2280
1961-12-06		2280
1961-09-25		2259
1961-08-28		2222
1961-08-03		2222
1961-06-20	423.4	
1961-05-24	376.4	
1961-04-17	413.4	
1961-02-21	369.8	
1961-01-16	374	
1960-12-02	371.2	
1960-10-18	390.7	
1960-09-13	428.4	
1960-08-10	440.3	
1960-06-30	438.5	
1960-05-25	418.5	
1960-02-23	363.4	
1959-12-28	367.4	
1959-11-16	371.4	
1959-10-12	430	
1959-09-17	429.4	
1959-08-29	447	
1959-08-13	449	
1959-07-26	437.4	
1959-06-30	442.4	
1959-05-13	374.9	
1959-04-22	374.8	
1959-03-25	357.8	
1959-03-04	357.9	
1956-08-16		2165
1954-11-06	392.3	
1954-08-13	400.4	
1954-03-11	338.7	
1954-01-07	341.1	
1953-11-05	345.8	
1953-07-21	380.8	
1953-05-04	359.8	
1952-08-08	365.2	

D13
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADW60000003783**

Objectid:	3783
Latitude:	33.939733
Longitude:	-116.969092
Site code:	339397N1169691W001
State well numbe:	03S01W03K001S
Local well name:	'335623116581701'
Well use id:	1
Well use descrip:	Observation
County id:	33
County name:	Riverside

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Basin code:	'8-2.08'
Basin desc:	San Timoteo
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000003783

D14
NNW **FED USGS** **USGS40000139177**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335623116581701		
Monloc name:	003S001W03K001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.9397333
Longitude:	-116.9690917	Sourcemap scale:	24000
Horiz Acc measure:	.01	Horiz Acc measure units:	seconds
Horiz Collection method:	Differentially corrected Global Positioning System (DGPS)		
Horiz coord refsys:	NAD83	Vert measure val:	2644.74
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19470814	Welldepth:	800
Welldepth units:	ft	Wellholedepth:	800
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1947-08-14	340	

15
NNW **FED USGS** **USGS40000139175**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335622116582301		
Monloc name:	003S001W03K003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.9399722
Longitude:	-116.9714167	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	2636.35
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Differential Global Positioning System (GPS)r		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19360331	Welldepth:	946
Welldepth units:	ft	Wellholedepth:	1000
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 549

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-11-03	394		1998-07-09	415	
1997-10-14		2208	1997-05-01		2243
1996-11-01		2241	1995-12-04		2238
1995-05-05		2253	1994-11-08		2247
1994-05-12		2250	1993-10-14		2236
1992-02-17		2238			
1992-01-12	427				
Note: A nearby site that taps the same aquifer was being pumped.					
1991-11-29	440		1991-10-31	439	
1991-08-21	396		1991-07-25	424.5	
1991-06-23	390		1991-05-29	394	
1991-03-25	420		1991-02-18	424	
1991-01-23		2235	1990-11-10		2236
1990-09-29	396		1990-08-26	417	
1990-08-04	410		1990-06-26	394	
1990-05-28	395		1990-04-27	391	
1990-03-30	391		1990-02-23	391	
1990-01-31	391		1989-12-21	390	
1989-10-30	430		1989-08-31	394	
1989-07-29	430		1989-06-12	428	
1989-04-29	384		1989-04-01	385	
1989-02-09	395		1989-01-11	380	
1988-12-12	382		1988-11-12		2248
1988-10-07	406		1988-09-09	394	
1988-06-24		2221	1988-05-15	396	
1987-02-22	395		1986-10-25	401	
1986-06-28	406		1986-02-07	394	
1985-06-09		2237	1985-01-13		2251
1984-10-14	398.4		1984-08-26	398.4	
1984-08-19	398.4		1984-05-27	398.4	
1984-05-13	394.4		1984-05-06	357.4	
1984-04-08	398.4		1984-02-12	398.4	
1984-01-08	398.4		1983-09-11	400.4	
1983-08-15	402.4		1983-02-07	398.4	
1983-01-10	398.4		1982-12-03	388.4	
1981-09-15	403.4		1980-08-10	381.4	
1980-07-20		2181	1980-07-10	380.4	
1980-06-16	379.4		1980-06-15		2201
1980-05-24	378.4		1980-05-09	374.4	
1980-04-23	381.4		1980-03-30	393.4	
1980-02-28	397.4		1980-01-30	413.4	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1979-12-30	415.4	
1979-10-30	412.4	
1979-09-26	413.4	
1979-08-28		2194
1979-08-08	431.4	
1979-07-04	397.4	
1979-06-06	377.4	
1979-05-04	373.4	
1979-03-15	382.4	
1979-01-15	379.4	
1978-11-15	379.4	
1978-09-10		2216
1978-08-02		2227
1978-06-25		2221
1978-05-23		2251
1978-04-06		2240
1978-02-06		2203
1977-12-13		2201
1977-10-08		2197
1977-09-06		2239
1977-08-04		2193
1977-07-10		2196
1977-06-01		2201
1977-04-14		2248
1977-03-17		2251
1977-01-17		2263
1976-12-03		2253
1976-10-27		2248
1976-09-15		2235
1976-08-15		2242
1976-07-19		2241
1976-07-03		2238
1976-06-01		2242
1976-04-15		2241
1976-03-15		2250
1976-01-12		2239
1975-12-03		2236
1975-10-05		2251
1975-08-27		2253
1975-07-21		2255
1975-06-12		2250
1975-05-06		2250
1975-03-28		2255
1975-01-30		2250
1974-12-16		2239
1974-10-10		2246
1974-09-03		2245
1974-08-05		2246
1974-06-24		2246
1974-05-18		2246
1974-04-15		2249
1974-02-25		2236
1973-12-28		2246
1973-10-22		2199
1973-09-28		2199

Date	Feet below Surface	Feet to Sealevel
1979-11-30	416.4	
1979-10-10	411.4	
1979-09-05	452.4	
1979-08-23	450.4	
1979-07-24	401.4	
1979-06-20	398.4	
1979-05-21	376.4	
1979-04-15	375.4	
1979-02-15	380.4	
1978-12-15	379.4	
1978-10-02		2216
1978-08-22		2212
1978-07-17		2229
1978-06-11		2253
1978-05-22		2251
1978-03-06		2228
1978-01-13		2195
1977-11-10		2195
1977-09-20		2203
1977-08-13		2191
1977-07-27		2246
1977-06-23		2196
1977-05-14		2251
1977-04-04		2252
1977-02-17		2251
1976-12-13		2247
1976-11-19		2250
1976-10-10		2240
1976-08-30		2229
1976-08-06		2232
1976-07-08		2151
1976-06-16		2240
1976-05-12		2240
1976-03-16		2243
1976-02-13		2245
1975-12-12		2241
1975-11-05		2246
1975-09-18		2254
1975-08-11		2250
1975-07-03		2253
1975-05-26		2252
1975-04-15		2251
1975-02-28		2252
1975-01-12		2242
1974-11-11		2243
1974-09-24		2247
1974-08-19		2183
1974-07-15		2246
1974-06-06		2204
1974-05-01		2248
1974-03-27		2248
1974-01-25		2252
1973-11-27		2243
1973-10-10		2200
1973-09-14		2204

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1973-08-29		2193
1973-08-06		2193
1973-06-30		2195
1973-05-30		2222
1973-04-15		2245
1973-02-23		2245
1973-01-15		2242
1972-12-12		2243
1972-10-30		2237
1972-01-28		2249
1971-09-03		2217
1971-08-16		2213
1971-06-01		2250
1971-05-08		2251
1971-04-23		2248
1971-03-24		2244
1971-01-18		2246
1970-12-07		2243
1970-10-21		2239
1970-09-02		2216
1970-08-03		2221
1970-06-26		2240
1970-05-18		2234
1970-04-16		2255
1970-02-23		2254
1969-12-31		2243
1969-11-14		2227
1969-09-24		2215
1969-08-22		2229
1969-07-22		2221
1969-06-18		2253
1969-05-07	405.4	
1969-03-10	403.4	
1969-01-30	423.4	
1968-12-30	429.4	
1968-10-21		2206
1968-02-09	378.4	
1966-09-05		2236
1966-07-27		2211
1966-06-13		2233
1966-05-16		2212
1966-04-18		2226
1966-02-21		2256
1965-12-31	375	
1965-11-04		2218
1965-10-06		2243
1965-09-07	381	
1965-08-01		2250
1965-07-01		2255
1965-05-05	372.8	
1965-03-03	370.3	
1965-01-20	370.2	
1964-12-02	374.3	
1964-10-30	379.3	
1964-08-28	422.3	

Date	Feet below Surface	Feet to Sealevel
1973-08-17		2194
1973-07-18		2194
1973-06-14		2203
1973-05-09		2196
1973-03-15		2247
1973-02-16		2253
1972-12-14		2247
1972-11-24		2239
1972-10-12		2190
1971-11-24		2236
1971-09-01		2220
1971-07-01		2207
1971-05-10		2252
1971-04-25		2249
1971-04-05		2221
1971-02-10		2243
1971-01-08		2251
1970-11-05		2237
1970-09-23		2214
1970-08-18		2218
1970-07-13		2209
1970-06-08		2243
1970-05-03		2232
1970-03-23		2253
1970-01-21		2245
1969-12-14		2233
1969-10-24		2211
1969-09-04		2198
1969-08-13		2236
1969-07-18		2223
1969-06-08		2255
1969-04-07	405.4	
1969-02-04		2222
1969-01-29		2222
1968-11-19		2220
1968-10-08		2208
1966-09-16		2210
1966-08-14		2253
1966-07-12		2215
1966-06-01	396	
1966-05-01		2210
1966-03-22		2257
1966-01-25		2253
1965-12-02	375	
1965-10-07	380	
1965-09-17	381.3	
1965-08-04	383	
1965-07-03	378	
1965-06-03	374.3	
1965-04-09	372.3	
1965-02-04	371.3	
1965-01-05	371.3	
1964-11-28		2256
1964-09-28	424.3	
1964-07-28	419.3	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1964-05-22	376.3	
1964-03-19	365.3	
1964-02-24		2270
1963-12-16	368.9	
1963-11-14		2263
1963-11-03	371	
1963-07-11	382.9	
1963-04-11		2258
1963-03-14	365.7	
1963-01-24		2251
1962-12-12	377.2	
1962-11-09	375.3	
1962-09-20	379.3	
1962-08-22		2246
1962-07-26		2212
1962-06-22		2232
1962-05-02		2256
1962-02-22		2281
1962-01-16		2275
1961-12-27		2256
1961-12-01		2268
1961-09-25		2223
1961-08-28		2214
1961-08-03		2214
1961-07-04		2244
1961-06-07	382.3	
1961-05-03		2230
1961-03-31		2269
1961-02-21		2270
1961-01-16		2266
1960-12-02	370.6	
1960-10-18		2225
1960-09-13	380.3	
1960-08-10		2218
1960-07-13		2241
1960-06-15		2223
1960-05-13		2267
1960-03-21		2280
1960-01-26		2279
1959-12-01		2268
1959-10-26		2263
1959-09-29		2250
1959-09-08		2246
1959-08-22		2215
1959-08-05		2248
1959-07-14		2215
1959-06-23		2229
1959-05-23	367.3	
1959-05-06		2273
1959-04-29		2273
1959-04-15		2249
1959-03-25	350.5	
1959-03-04	350.3	
1959-02-20	352	
1959-02-11	352.2	
1964-04-23	371.3	
1964-02-25	369.3	
1964-01-20	367.3	
1963-12-06	368.9	
1963-11-13	370.3	
1963-08-30	386.1	
1963-05-14		2230
1963-03-27		2265
1963-02-13	369.3	
1963-01-16		2252
1962-12-08	377.1	
1962-10-23		2226
1962-09-04	382.3	
1962-08-08	387.3	
1962-07-11	372.3	
1962-06-01		2252
1962-03-23		2269
1962-01-26		2270
1962-01-11		2267
1961-12-06		2248
1961-10-16		2211
1961-09-11		2218
1961-08-14		2212
1961-07-18		2216
1961-06-20	392.3	
1961-05-23		2247
1961-04-17	382.3	
1961-03-13		2239
1961-02-03		2265
1960-12-27		2263
1960-11-14	367.9	
1960-09-24		2236
1960-08-25	407.3	
1960-07-31	383.7	
1960-06-30		2215
1960-05-25		2251
1960-04-19		2235
1960-02-23		2277
1959-12-28		2281
1959-11-16		2269
1959-10-12		2245
1959-09-17		2261
1959-08-29		2247
1959-08-13		2215
1959-07-26		2218
1959-06-30		2216
1959-06-06	377.3	
1959-05-13	362.8	
1959-05-05		2246
1959-04-22		2240
1959-04-06	379.3	
1959-03-16	348.7	
1959-02-25	351.1	
1959-02-18	351.5	
1959-02-04	353.2	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1959-01-28	356.9	
1959-01-14	355.5	
1958-12-31	358.3	
1958-12-01		2273
1958-11-01		2269
1958-10-01		2222
1958-08-30		2260
1958-06-16		2264
1958-05-15		2271
1958-04-11		2286
1958-03-15		2262
1958-02-17		2273
1958-02-01		2285
1958-01-02		2274
1957-12-02		2270
1957-11-04		2274
1957-10-03		2222
1957-08-26		2220
1957-07-20		2217
1957-07-03		2231
1957-06-03		2237
1957-05-01		2240
1957-04-06		2272
1957-02-14		2250
1957-01-22		2247
1957-01-11		2266
1956-12-28		2252
1956-08-15		2222
1956-07-30		2222
1956-07-08		2226
1956-06-14		2225
1956-05-13		2239
1956-04-15		2280
1956-03-29		2297
1956-02-15		2297
1956-01-15		2295
1956-01-02		2294
1955-11-19		2287
1955-09-08		2224
1955-07-28		2221
1955-04-04		2274
1955-01-29		2296
1954-12-29		2295
1954-07-15		2268
1954-04-02		2302
1954-02-26		2301
1954-01-21		2300
1953-11-27		2283
1953-10-25		2290
1953-08-23		2233
1953-06-21		2277
1953-04-25		2286
1953-01-30		2299
1952-02-01	324.5	
1947-08-14		2303

Date	Feet below Surface	Feet to Sealevel
1959-01-20	353.7	
1959-01-07	361.5	
1958-12-15		2275
1958-11-15		2272
1958-10-15		2261
1958-09-15		2231
1958-08-04		2254
1958-06-01		2272
1958-05-05		2240
1958-04-01		2258
1958-03-01		2279
1958-02-07		2279
1958-01-20		2274
1957-12-16		2276
1957-11-18		2240
1957-10-17		2256
1957-09-16		2231
1957-08-02		2217
1957-07-08		2220
1957-06-17		2247
1957-05-16		2259
1957-04-22		2264
1957-02-27		2285
1957-02-02		2282
1957-01-17		2252
1957-01-03		2245
1956-09-17		2219
1956-08-10		2273
1956-07-21		2220
1956-06-20		2223
1956-05-16		2231
1956-04-28		2270
1956-04-01		2274
1956-03-20		2299
1956-01-25		2298
1956-01-09		2296
1955-12-04		2293
1955-10-03		2224
1955-08-04		2220
1955-05-18		2228
1955-03-15		2298
1955-01-12		2295
1954-11-12		2286
1954-04-07		2303
1954-03-11		2301
1954-01-29		2300
1953-12-31		2299
1953-11-25		2296
1953-10-16		2286
1953-07-31		2274
1953-05-24		2275
1953-03-12		2305
1952-03-24		2307
1951-11-30		2305
1947-08-01		2311

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1947-07-01		2305
1940-11-01	307	
1940-06-01	272.7	
1939-10-01	330	
1939-05-01	303	
1939-03-01	303	
1938-09-02	363	
1938-06-01	303	
1938-04-01	302	
1937-09-11	308	
1937-06-05	326	
1937-05-01	299	
1936-11-21	293	
1936-10-03	336	
1936-08-12	334	
1936-07-11	338	
1947-03-28	314.3	
1940-09-01	311.5	
1939-12-01	329	
1939-09-01	373	
1939-04-01	303	
1938-10-01		2271
1938-07-01	303	
1938-05-01	302	
1937-10-12	300.7	
1937-08-11	361	
1937-06-01	299	
1937-04-03	300	
1936-11-02	308	
1936-09-08		2298
1936-07-23	333	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92223	13	0

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C

HISTORICAL DOCUMENTATION

DRAFT

Pennsylvania Avenue & I10

Pennsylvania Avenue & I10

Beaumont, CA 92223

Inquiry Number: 5373486.8

July 27, 2018

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

07/2

Site Name:

Pennsylvania Avenue & I10
Pennsylvania Avenue & I10
Beaumont, CA 92223
EDR Inquiry # 5373486.8

Client Name:

Leighton Consulting
17781 Cowan
Irvine, CA 92614
Contact: Breeanna Copeland

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2014	1"=500'	Flight Year: 2014	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Acquisition Date: May 22, 2002	USGS/DOQQ
1996	1"=500'	Flight Date: September 30, 1996	USGS
1989	1"=500'	Flight Date: August 14, 1989	USDA
1985	1"=500'	Flight Date: July 28, 1985	USDA
1978	1"=500'	Flight Date: September 21, 1978	USDA
1975	1"=500'	Flight Date: August 01, 1975	USGS
1967	1"=500'	Flight Date: May 09, 1967	USDA
1961	1"=500'	Flight Date: June 04, 1961	USDA
1953	1"=500'	Flight Date: October 20, 1953	USDA
1949	1"=500'	Flight Date: June 01, 1949	USDA
1938	1"=500'	Flight Date: June 14, 1938	USDA

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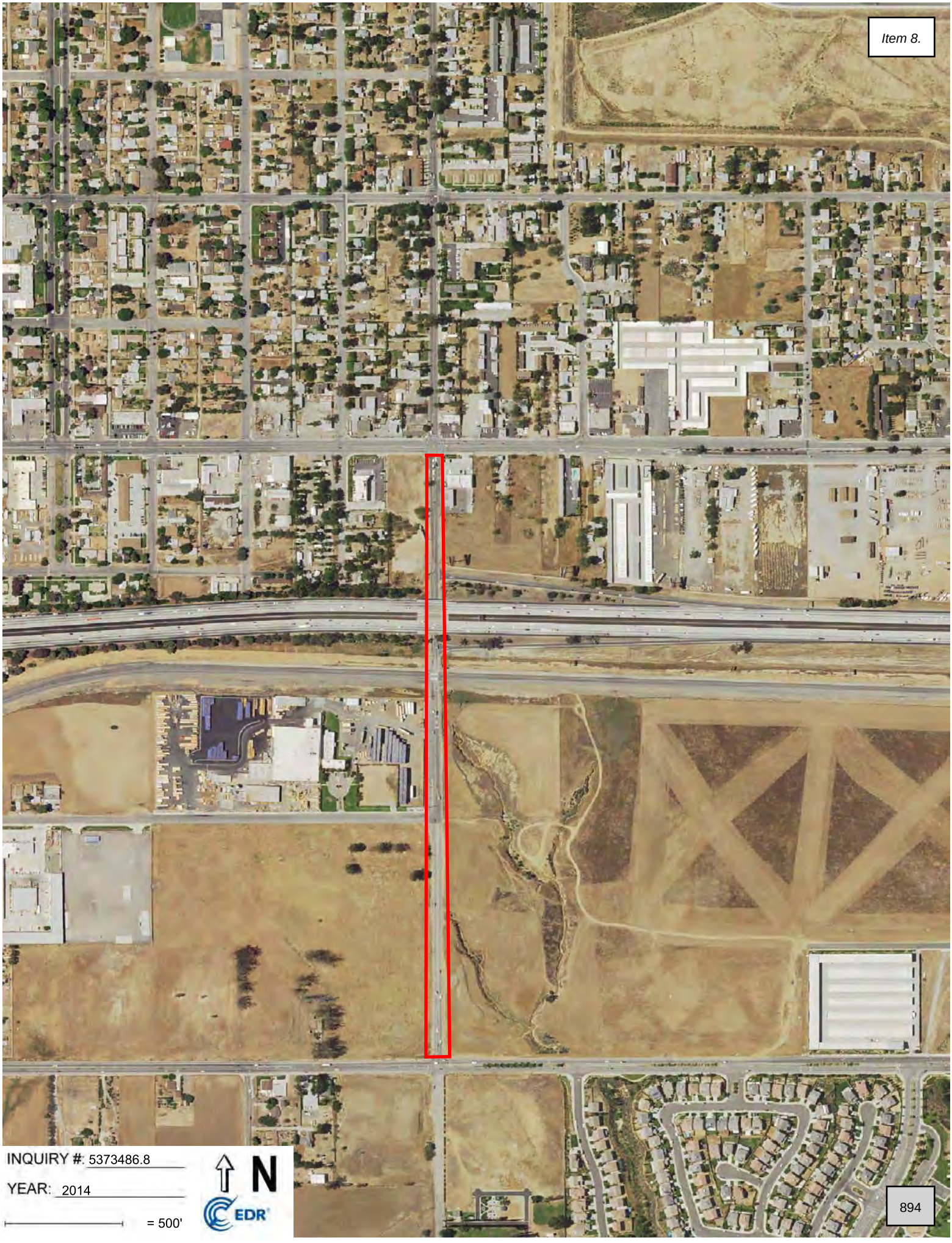


INQUIRY #: 5373486.8

YEAR: 2014

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 2010

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 2005

= 500'

N

EDR

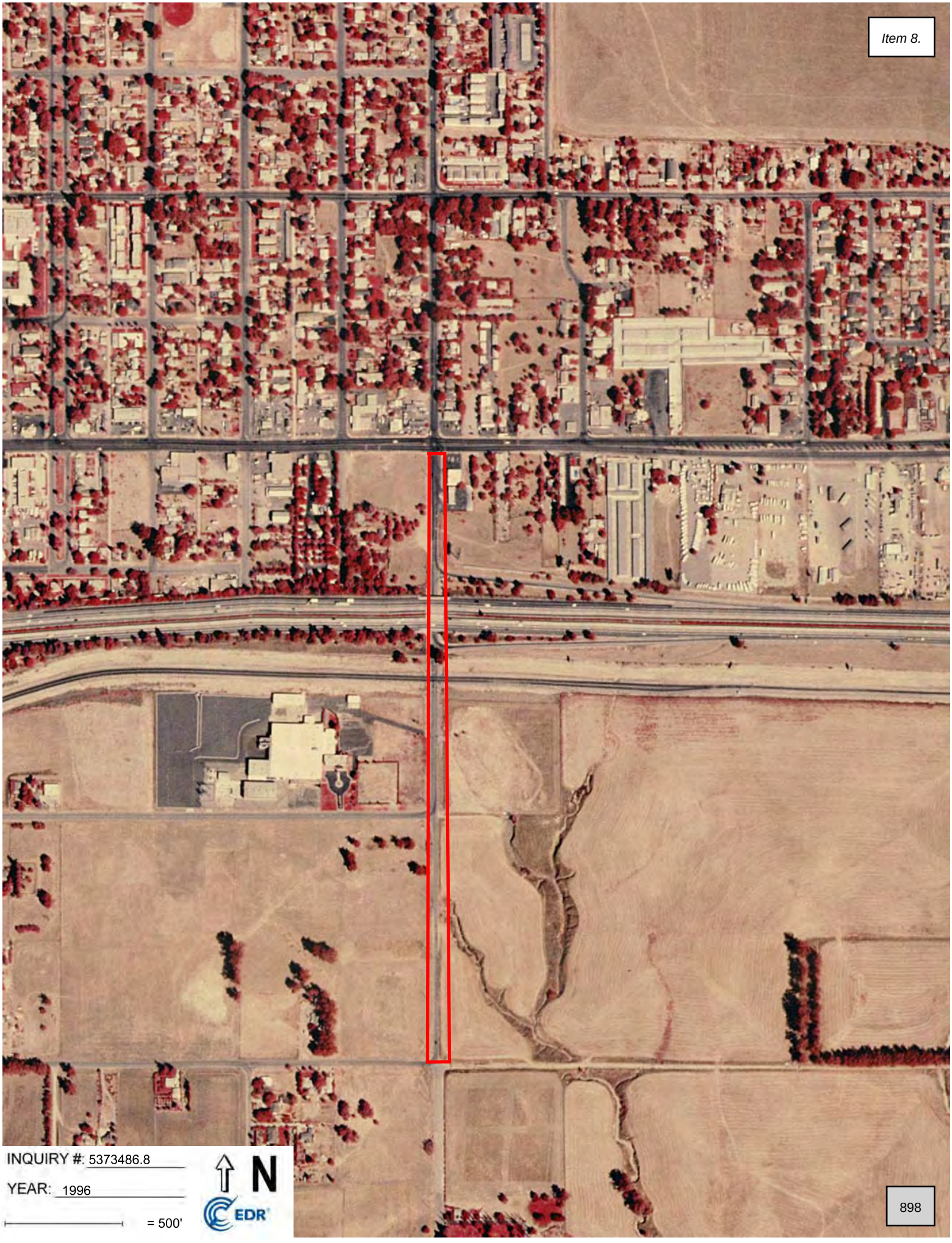
INQUIRY #: 5373486.8

YEAR: 2002

= 500'

N

EDR



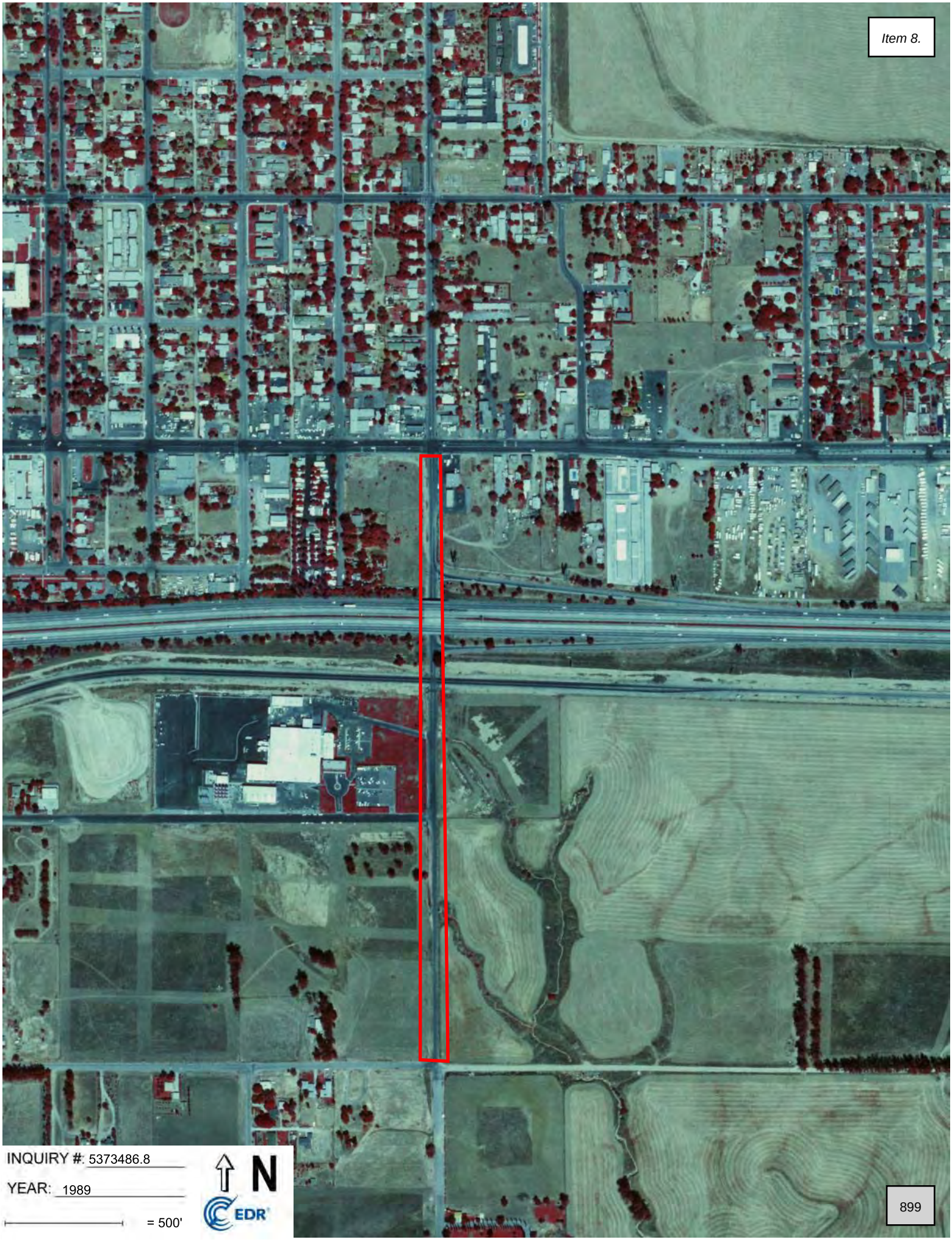
INQUIRY #: 5373486.8

YEAR: 1996

= 500'

N

EDR



INQUIRY #: 5373486.8

YEAR: 1989

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 1985

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 1978

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 1975

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 1967

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 1961

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 1953

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 1949

= 500'

N

EDR

INQUIRY #: 5373486.8

YEAR: 1938

= 500'

N

EDR

Pennsylvania Avenue & I10

Pennsylvania Avenue & I10

Beaumont, CA 92223

Inquiry Number: 5373486.4

July 26, 2018

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

07/2

Site Name:	Client Name:
Pennsylvania Avenue & I10	Leighton Consulting
Pennsylvania Avenue & I10	17781 Cowan
Beaumont, CA 92223	Irvine, CA 92614
EDR Inquiry # 5373486.4	Contact: Breeanna Copeland

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Leighton Consulting were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	12091.001	**Latitude:**	33.927342 33° 55' 38" North
Project:	Pennsylvania Avenue & I 10	**Longitude:**	-116.966048 -116° 57' 58" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	503138.06
		UTM Y Meters:	3754100.37
		Elevation:	2603.00' above sea level

Maps Provided:

2012	1943
1996	1901
1988	
1979	
1972	
1956	
1953	
1948	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

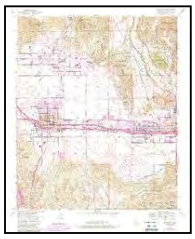
2012 Source Sheets

Beaumont
2012
7.5-minute, 24000

1996 Source Sheets

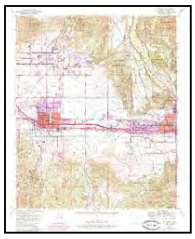
Beaumont
1996
7.5-minute, 24000
Aerial Photo Revised 1994

1988 Source Sheets



Beaumont
1988
7.5-minute, 24000
Aerial Photo Revised 1949

1979 Source Sheets



Beaumont
1979
7.5-minute, 24000
Aerial Photo Revised 1976

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1972 Source Sheets

Beaumont
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1956 Source Sheets

Banning
1956
15-minute, 62500
Aerial Photo Revised 1951

1953 Source Sheets

Beaumont
1953
7.5-minute, 24000
Aerial Photo Revised 1949

1948 Source Sheets

BANNING
1948
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

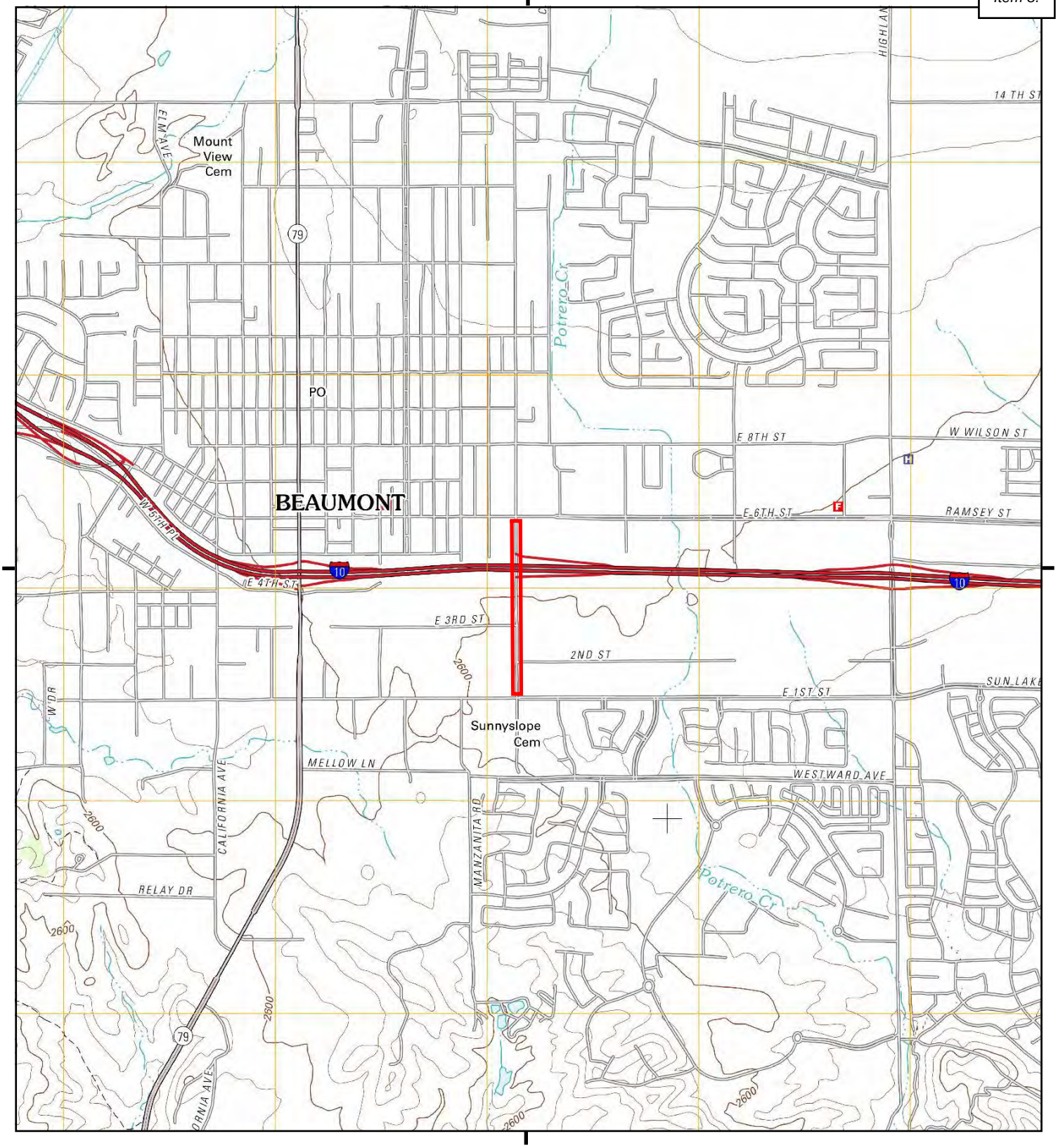
1943 Source Sheets

Banning
1943
15-minute, 62500
Aerial Photo Revised 1941

1901 Source Sheets

San Jacinto
1901
30-minute, 125000

Historical Topo Map



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

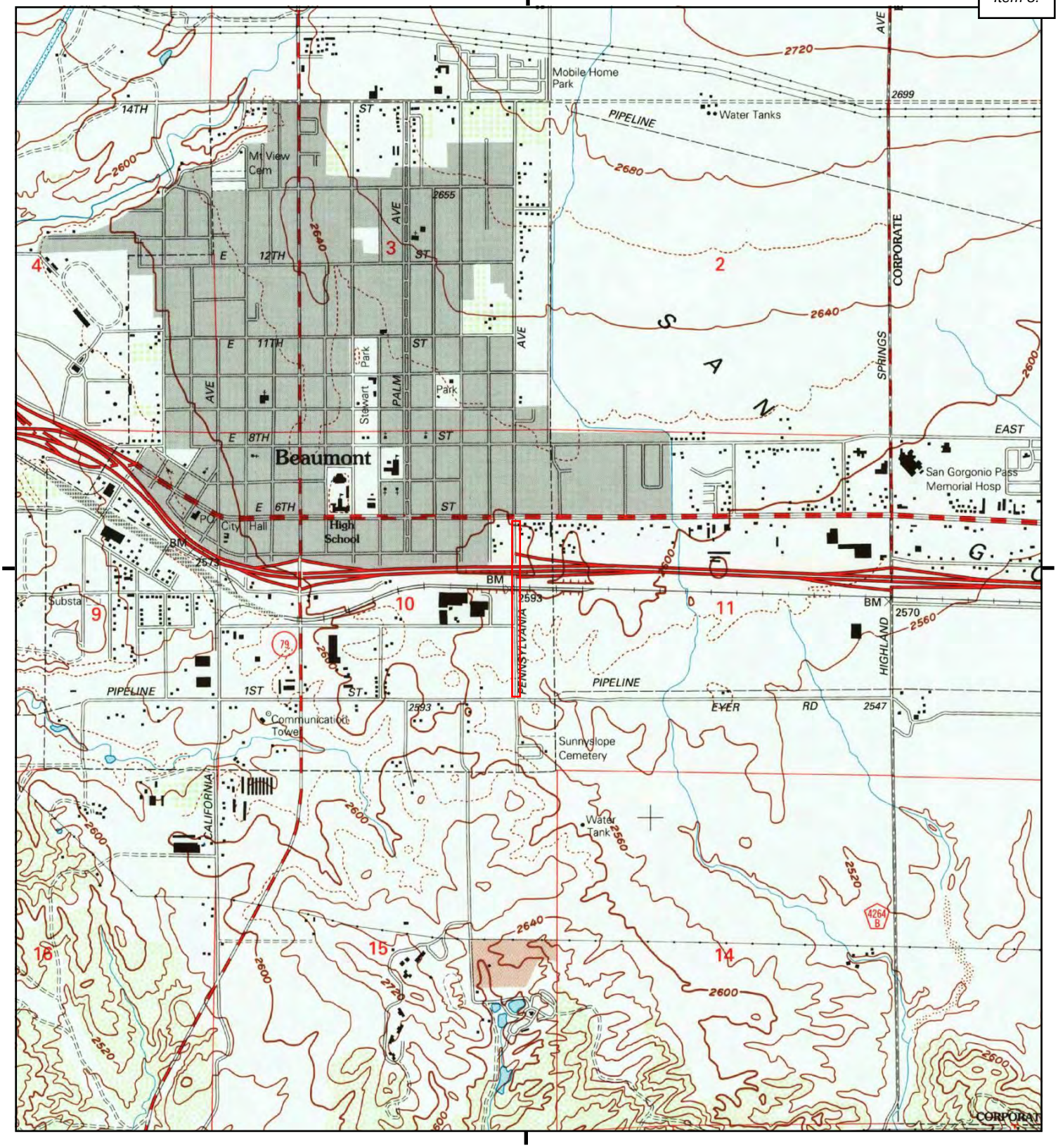
NW N NE
W E
SW S SE

TP, Beaumont, 2012, 7.5-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

913

Historical Topo Map



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

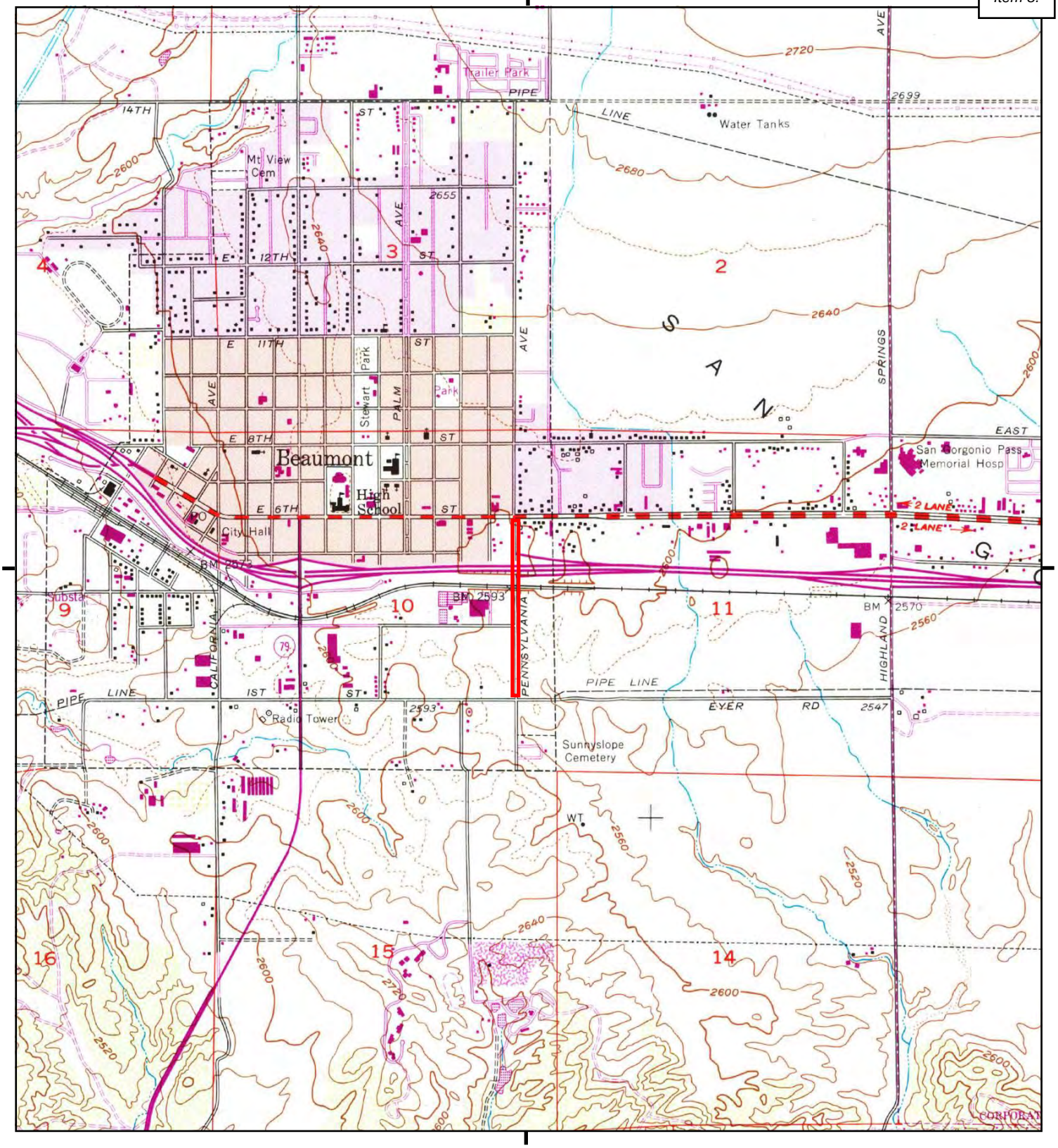
NW N NE
W E
SW S SE

TP, Beaumont, 1996, 7.5-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

914

Historical Topo Map



This report includes information from the following map sheet(s).

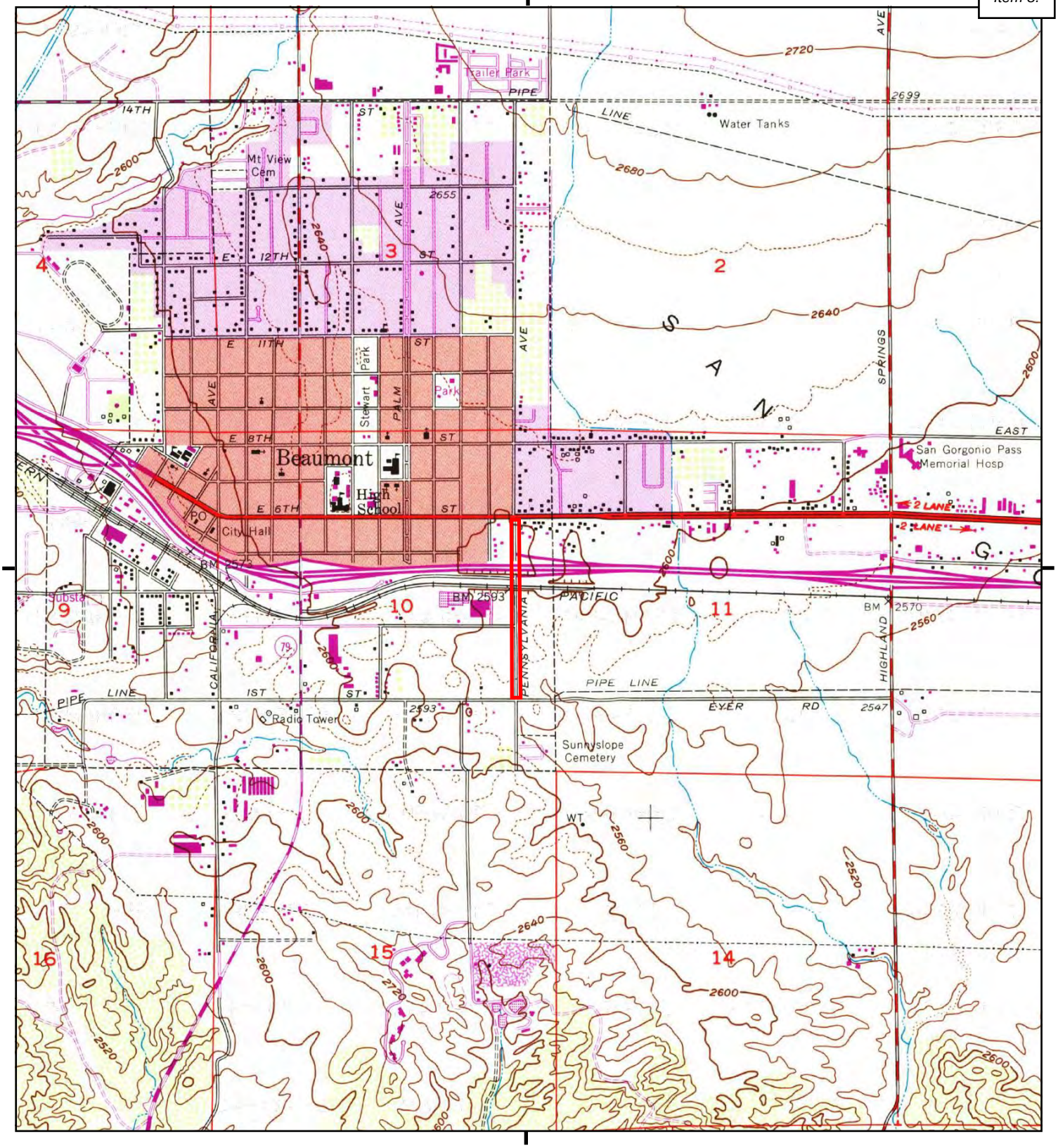
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Beaumont, 1988, 7.5-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

Historical Topo Map



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

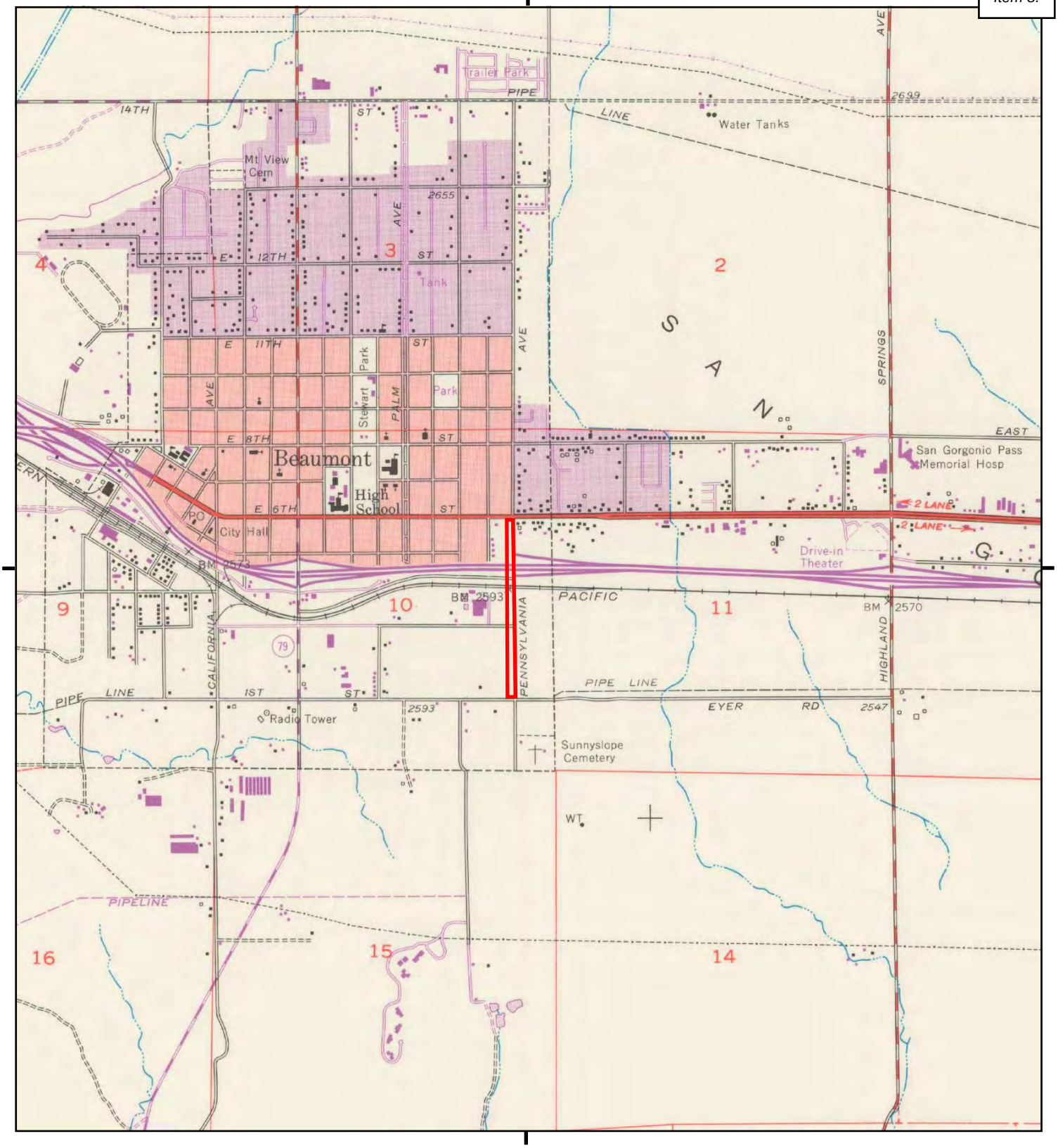
NW N NE
W E
SW S SE

TP, Beaumont, 1979, 7.5-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

916

Historical Topo Map



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

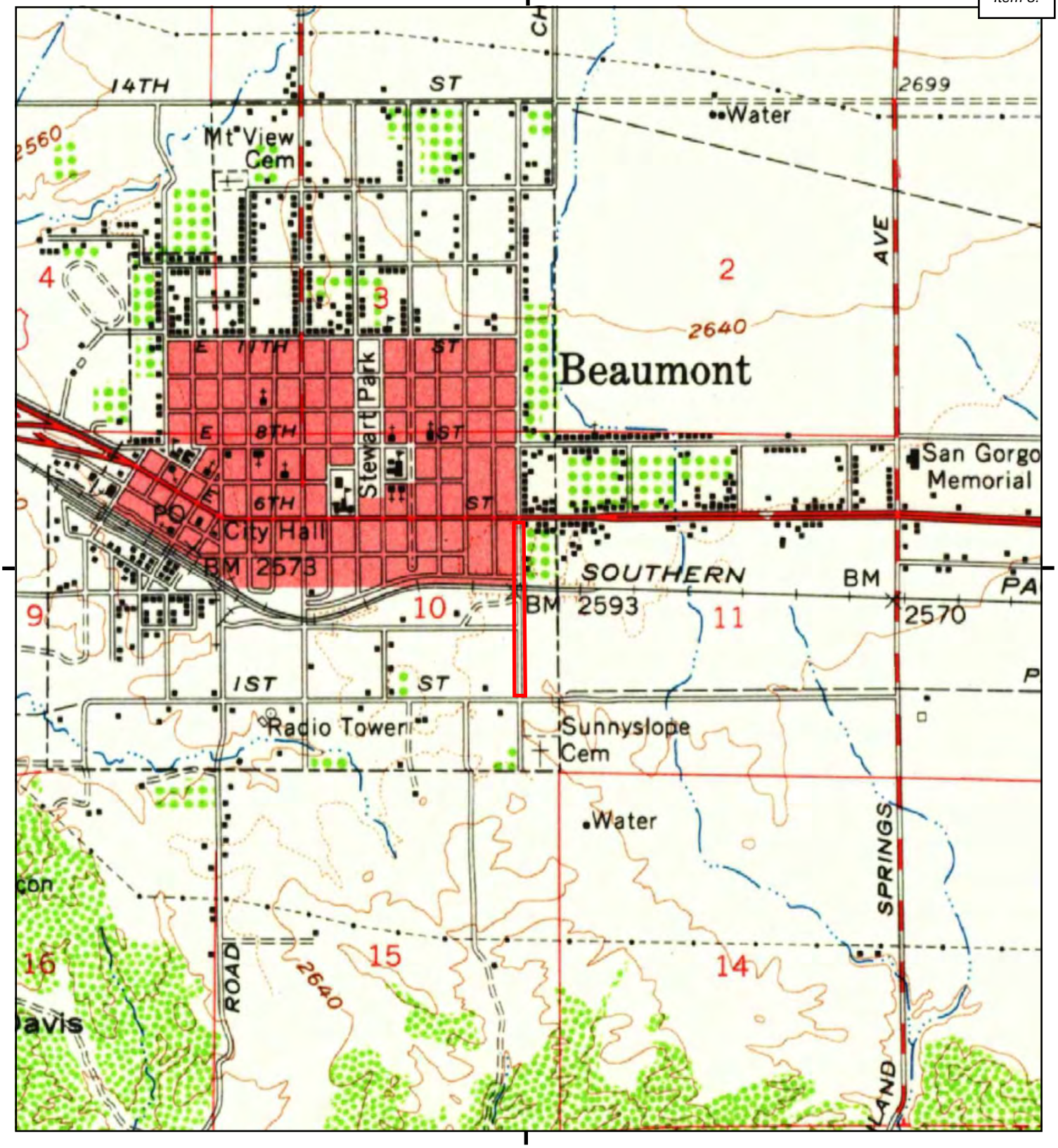
NW N NE
W E
SW S SE

TP, Beaumont, 1972, 7.5-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

917

Historical Topo Map



This report includes information from the following map sheet(s).

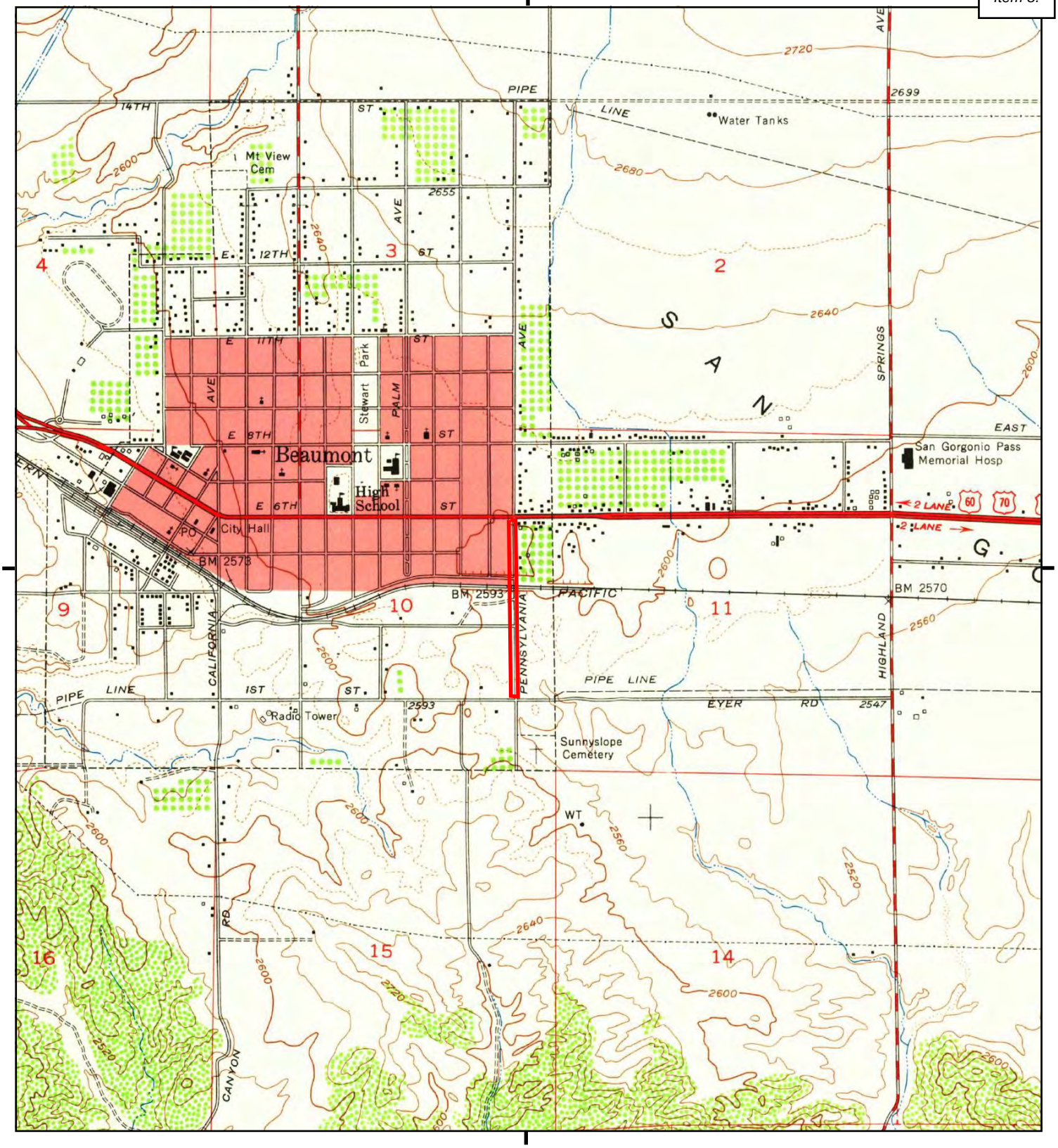
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Banning, 1956, 15-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

Historical Topo Map



This report includes information from the following map sheet(s).

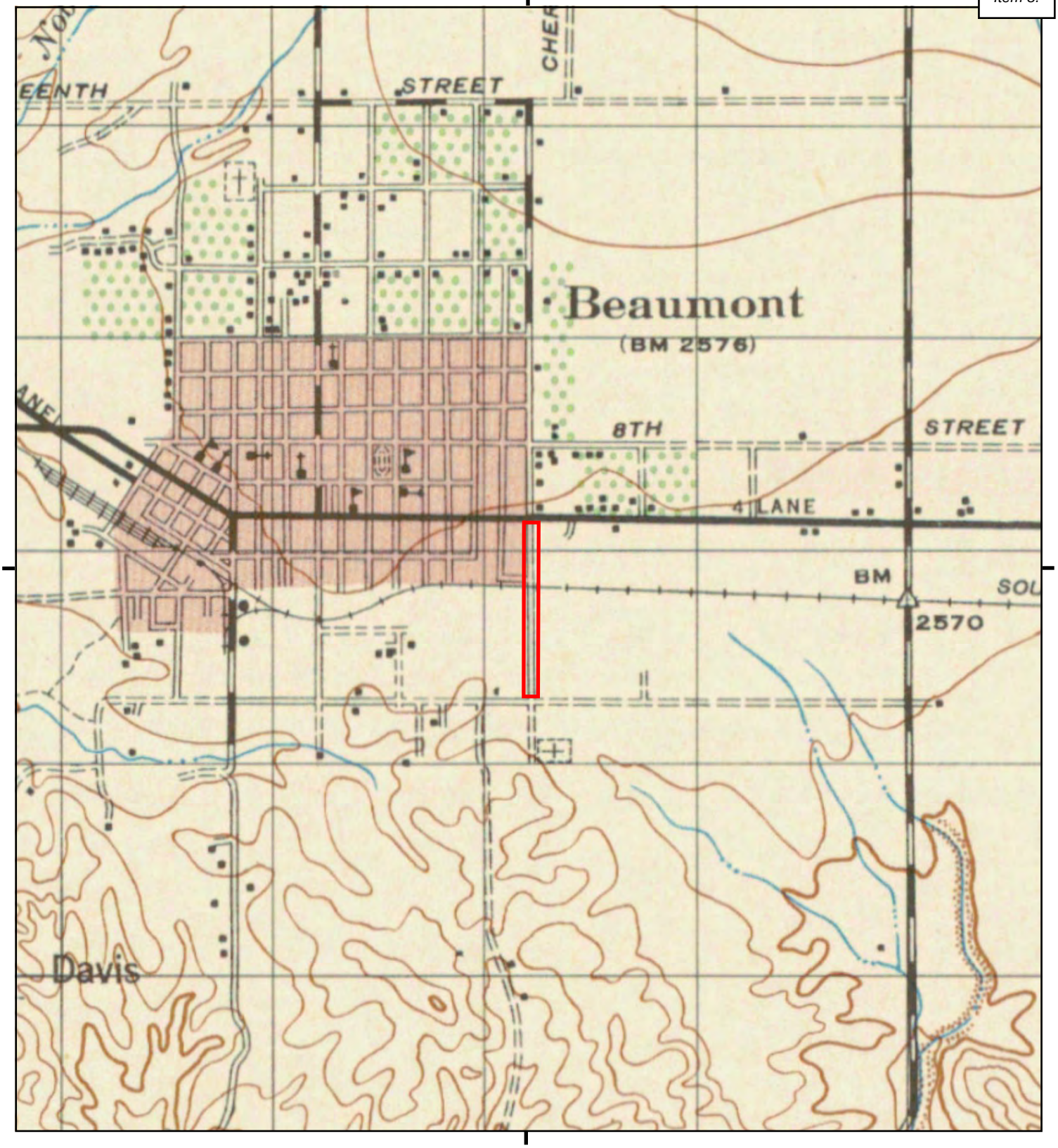
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Beaumont, 1953, 7.5-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

Historical Topo Map



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

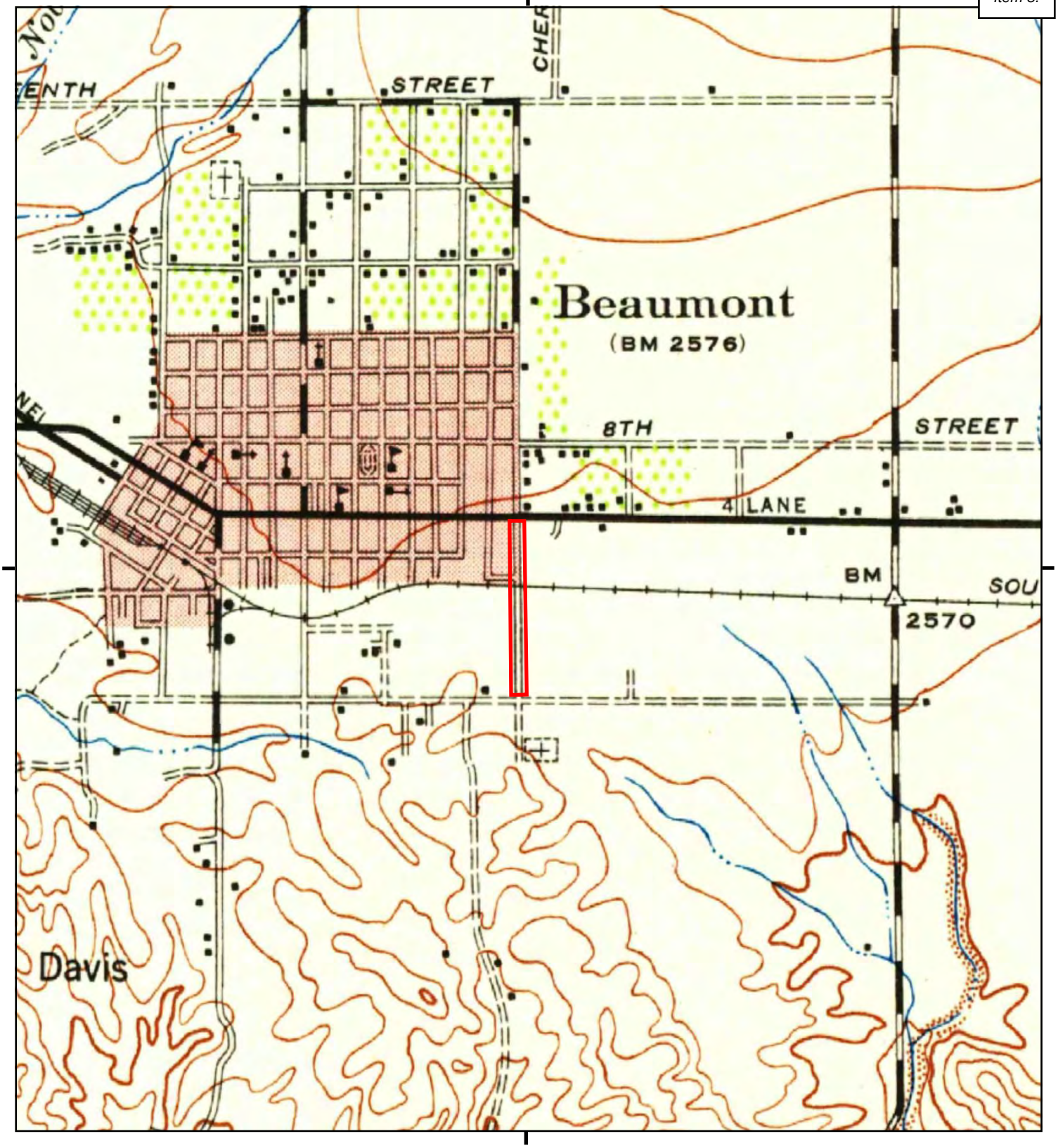
NW N NE
W E
SW S SE

TP, BANNING, 1948, 15-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

920

Historical Topo Map



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

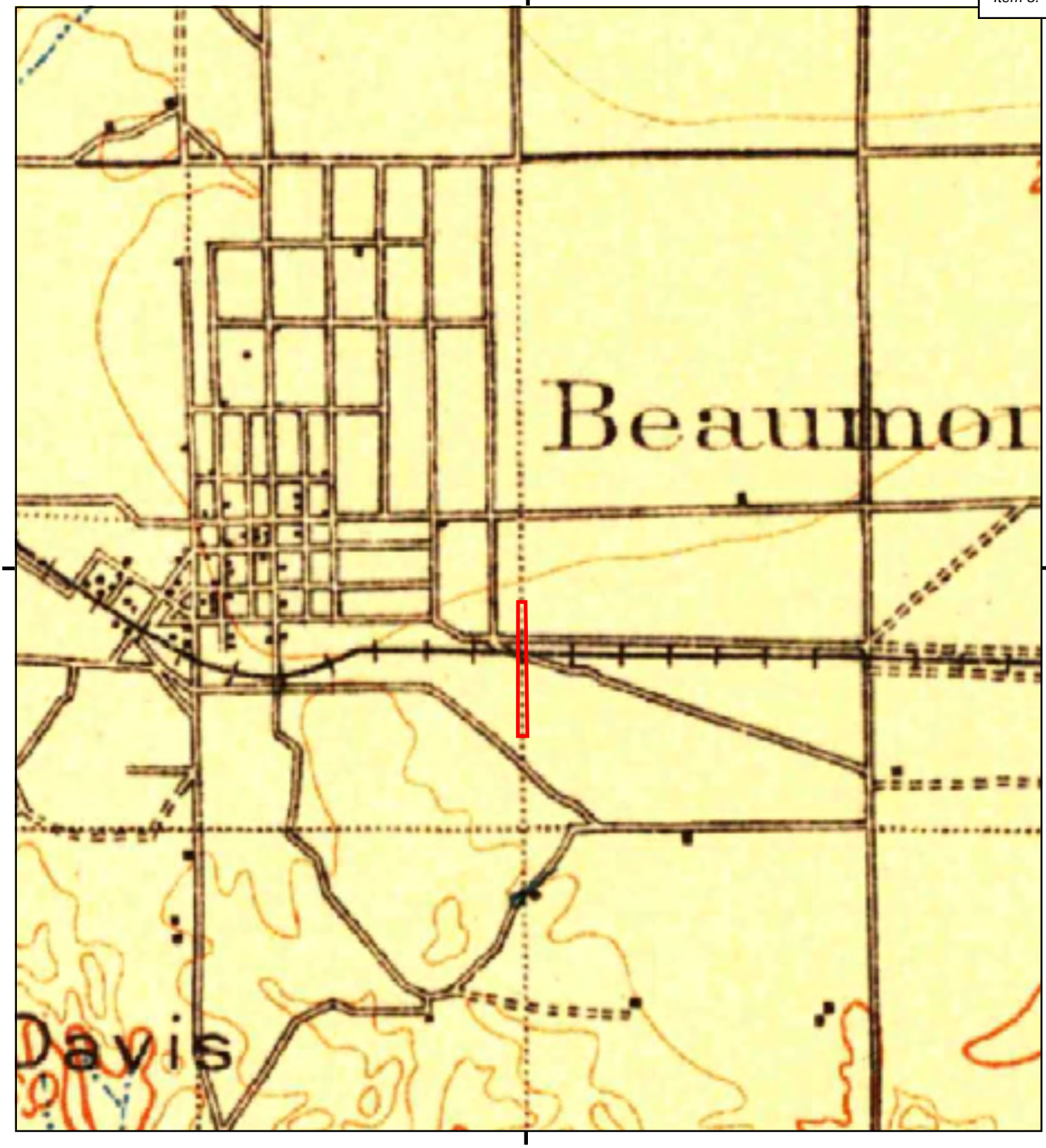
NW N NE
W E
SW S SE

TP, Banning, 1943, 15-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

921

Historical Topo Map



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jacinto, 1901, 30-minute

SITE NAME: Pennsylvania Avenue & I10
ADDRESS: Pennsylvania Avenue & I10
Beaumont, CA 92223
CLIENT: Leighton Consulting

922

Breeanna Copeland

From: WB-RB7-PRA <RB7-PRA@Waterboards.ca.gov>
Sent: Monday, August 06, 2018 11:23 AM
To: Breeanna Copeland
Subject: RE: Records request

Good morning Breeanna,

I did not find any files for: 560 E. Pennsylvania Avenue, Beaumont; and 1201 E. 6th Street, Beaumont. The address: 1060 E. 3rd Street, Beaumont is located in our Santa Ana Region 8 office. Their website address is: www.waterboards.ca.gov/santaana

Have a good day!

Terry Barnes
Office Technician
72-730 Fred Waring Drive, Suite 100
Palm Desert, CA 92260
(760) 346-7491
><((((O>°><((((O>°><((((O>°

From: Breeanna Copeland [mailto:bcopeland@leightongroup.com]
Sent: Friday, August 3, 2018 2:20 PM
To: WB-RB7-PRA <RB7-PRA@Waterboards.ca.gov>
Subject: Records request

Good Afternoon,

Leighton Consulting Inc. is requesting information for the following ***addresses:***

- 560 E Pennsylvania Avenue, Beaumont CA 92223
- 1201 E 6th Street, Beaumont CA 92223
- 1060 E 3rd Street, Beaumont CA 92223

Leighton Consulting Inc. is requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmentally sensitive spills, responses, or concerns your agency may have on file associated with these properties.

Thank you very much for your time and assistance.

Respectfully submitted,

LEIGHTON CONSULTING INC.

Breeanna Copeland, GIT
Senior Staff Geologist
Leighton Group Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
(909) 527-8770 Direct
(951) 258-4715 Cell
(909) 484-2170 FAX

Breeanna Copeland

From: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Sent: Friday, August 10, 2018 9:03 AM
To: Breeanna Copeland
Subject: RE: Records request

Good morning,

After careful review of our records, we show we have no files for the following sites:

- **560 E Pennsylvania Avenue, Beaumont CA 92223**
- **1201 E 6th Street, Beaumont CA 92223**
- **1060 E 3rd Street, Beaumont CA 92223**

If we can be of further assistance please do not hesitate to contact us again.

File Review Desk
3737 Main St. Suite 500
Riverside, CA 92501

From: Breeanna Copeland [mailto:bcopeland@leightongroup.com]
Sent: Thursday, August 9, 2018 11:56 AM
To: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Subject: Records request

Good Afternoon,

Leighton Consulting Inc. is requesting information for the following ***addresses:***

- 560 E Pennsylvania Avenue, Beaumont CA 92223
- 1201 E 6th Street, Beaumont CA 92223
- 1060 E 3rd Street, Beaumont CA 92223

Leighton Consulting Inc. is requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmentally sensitive spills, responses, or concerns your agency may have on file associated with these properties.

Thank you very much for your time and assistance.

Respectfully submitted,

LEIGHTON CONSULTING INC.

Breeanna Copeland, GIT
Senior Staff Geologist
Leighton Group Inc.

10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
(909) 527-8770 Direct
(951) 258-4715 Cell
(909) 484-2170 FAX

Breeanna Copeland

From: Breeanna Copeland
Sent: Tuesday, August 21, 2018 8:53 AM
To: 'Julie.Johnson@dtsc.ca.gov'
Cc: Jone.Barrio@dtsc.ca.gov
Subject: Records request

Good Morning,

Leighton Consulting Inc. is requesting information for the following ***addresses and/or Assessor's Parcel Numbers (APNs):***

APN #	***Address***
418-122-028	
418-122-021	
418-160-006	
418-123-017	1201 E 6TH ST, BEAUMONT CA 92223
418-123-015	560 E PENNSYLVANIA AVE, BEAUMONT CA 92223
418-123-011	
418-123-003	
418-160-007	
418-360-003	
418-360-009	1060 E THIRD ST, BEAUMONT CA 92223
418-240-009	
418-240-011	
418-250-006	
418-250-008	
418-250-009	

Leighton Consulting Inc. is requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmentally sensitive spills, responses, or concerns your agency may have on file associated with this site.

Thank you very much for your time and assistance.

Respectfully submitted,

LEIGHTON CONSULTING INC.

Breeanna Copeland, GIT
Senior Staff Geologist

Leighton Group Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
(909) 527-8770 Direct
(951) 258-4715 Cell
(909) 484-2170 FAX

Breeanna Copeland

From: Barrio, Jone@DTSC <Jone.Barrio@dtsc.ca.gov>
Sent: Wednesday, August 22, 2018 11:19 AM
To: Breeanna Copeland
Subject: Response to your request for records
Attachments: 2018 YES Various Letter with 99 % of entire site have been uploaded in Envirostor.doc

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental

Barbara A. Lee, Director
5796 Corporate Ave
Cypress, California 90630

Edmund G. Brown Jr.
Governor

August 22, 2018

Ms. Breeanna Copeland
Leighton
bcopeland@leightongroup.com

Various Sites:
PR4-082218-07

Dear: Ms. Copeland:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control. After a thorough review of our files, we have found that we may have records pertaining to some of the sites/facilities referenced in your request.

Yes: **Square D aka: Yates, 1060 E 3RD St, Beaumont** (E-stor # 80001405)
Square D has 8 shelves of documentation: 1987 -2003. All documents have been uploaded in Enviostor database.
Yates Ind.2 ½ shelves of documentation: 1984 – 1989.

And your requested site: Square D, has been forwarded to our Chatsworth Office: (818)717-6522, as they may have documents.

Please, check out our Enviostor database: You will find *the entire site documents have been uploaded,* which you can view and download for this site.

N/R: for the entire rest of your requested Sites and APN's.

We would also like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. future request please: fax: 714.484.5318 or email both: Jone.Barrio@dtsc.ca.gov & Julie.Johnson@dtsc.ca.gov

If you have any questions, would like further information regarding your request or would like to set an appointment, please contact our Regional Records Coordinator at (714) 484-5336.

Sincerely,

Jone Barrio

Jone Barrio
Regional Records Coordinator
DTSC – Cypress Office

Breeanna Copeland

From: Breeanna Copeland
Sent: Tuesday, August 21, 2018 8:53 AM
To: robert.hardison@dtsc.ca.gov
Cc: 'Glenn.Castillo@dtsc.ca.gov'
Subject: Records request
Attachments: Map My County Parcel Report.pdf

Good Morning,

Leighton Consulting Inc. is requesting information for the following ***addresses and/or Assessor's Parcel Numbers (APNs):***

APN #	***Address***
418-122-028	
418-122-021	
418-160-006	
418-123-017	1201 E 6TH ST, BEAUMONT CA 92223
418-123-015	560 E PENNSYLVANIA AVE, BEAUMONT CA 92223
418-123-011	
418-123-003	
418-160-007	
418-360-003	
418-360-009	1060 E THIRD ST, BEAUMONT CA 92223
418-240-009	
418-240-011	
418-250-006	
418-250-008	
418-250-009	

Leighton Consulting Inc. is requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmentally sensitive spills, responses, or concerns your agency may have on file associated with this site.

Thank you very much for your time and assistance.

Respectfully submitted,

LEIGHTON CONSULTING INC.

Breeanna Copeland, GIT

Senior Staff Geologist
Leighton Group Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
(909) 527-8770 Direct
(951) 258-4715 Cell
(909) 484-2170 FAX

Breeanna Copeland

From: Shane Scissons <SScissons@beaumontca.gov>
Sent: Wednesday, August 22, 2018 3:32 PM
To: Breeanna Copeland
Subject: APN numbers for Pennsylvania Project
Attachments: SKM_C65818082215170.pdf

Good afternoon Breeanna,

Please see the attached for work in progress on the list of APN's you gave me. I did run into a couple of repeat APN's and did have to move an address around. I will start pulling permit information as soon as I can. Please keep in mind, some of these properties may have limited permits.

Thank you,

Shane Scissons
Permit Technician
City of Beaumont
sscissons@beaumontca.gov
Phone: (951) 769-8529
Building & Safety counter hours for same day permits will be Monday – Friday from 8:00 a.m. to 11:00 a .m.

Breeanna Copeland

From: Breeanna Copeland
Sent: Thursday, August 09, 2018 11:56 AM
To: 'filereview8@waterboards.ca.gov'
Subject: Records request

Good Afternoon,

Leighton Consulting Inc. is requesting information for the following ***addresses:***

- 560 E Pennsylvania Avenue, Beaumont CA 92223
- 1201 E 6th Street, Beaumont CA 92223
- 1060 E 3rd Street, Beaumont CA 92223

Leighton Consulting Inc. is requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmentally sensitive spills, responses, or concerns your agency may have on file associated with these properties.

Thank you very much for your time and assistance.

Respectfully submitted,

LEIGHTON CONSULTING INC.

Breeanna Copeland, GIT
Senior Staff Geologist
Leighton Group Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
(909) 527-8770 Direct
(951) 258-4715 Cell
(909) 484-2170 FAX

Breeanna Copeland

From: Breeanna Copeland
Sent: Friday, August 03, 2018 2:20 PM
To: 'RB7-PRA@waterboards.ca.gov'
Subject: Records request

Good Afternoon,

Leighton Consulting Inc. is requesting information for the following ***addresses:***

- 560 E Pennsylvania Avenue, Beaumont CA 92223
- 1201 E 6th Street, Beaumont CA 92223
- 1060 E 3rd Street, Beaumont CA 92223

Leighton Consulting Inc. is requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmentally sensitive spills, responses, or concerns your agency may have on file associated with these properties.

Thank you very much for your time and assistance.

Respectfully submitted,

LEIGHTON CONSULTING INC.

Breeanna Copeland, GIT
Senior Staff Geologist
Leighton Group Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
(909) 527-8770 Direct
(951) 258-4715 Cell
(909) 484-2170 FAX

Breeanna Copeland

From: Breeanna Copeland
Sent: Wednesday, August 22, 2018 12:42 PM
To: 'DEHRecordsMgmt@rivco.org'
Subject: Records request for Beaumont, CA_Leighton Consulting
Attachments: Request for Records_Beaumont_6th_Street.pdf; Request for Records_Beaumont_Pennsylvania_Ave.pdf; Request for Records_Beaumont_Third_Street.pdf

Good Afternoon,

I have attached the records request forms for properties located in the City of Beaumont, CA.

Thank you,

Breeanna Copeland, GIT
Senior Staff Geologist
Leighton Group Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
(909) 527-8770 Direct
(951) 258-4715 Cell
(909) 484-2170 FAX

County of Riverside

DEPARTMENT OF ENVIRONMENTAL HEALTH

www.rivcoeh.org

Environmental Protection & Oversight Division
Hazardous Materials Management Branch

REQUEST FOR RECORDS

Requests for review of records are processed on a first come, first serve basis and the processing time is approximately 2-4 weeks. As required by California Public Records Act Section 6250 et seq., a response will be given within ten (10) business days to confirm receipt of your request.

Pursuant to California Government Code, Section 6254 (f), records of pending investigations and informant's names, addresses, and telephone numbers, will not be released.

For access to electronic records available online, visit the Public Information section at www.rivcoeh.org for more details.

REQUESTOR INFORMATION		
NAME: Breeanna Copeland	DATE OF REQUEST: August 22, 2018	
BUSINESS NAME (IF ANY): Leighton Consulting Inc		
RETURN LEGAL MAILING ADDRESS: 10532 Acacia Street		
CITY: Rancho Cucamonga	STATE: CA	ZIP: 91730
PHONE: 909-527-8770		

The following information is required. **List each street address separately.**

	SITE STREET ADDRESS (NO APNs)	CITY
1.	1201 E. 6th Street	Beaumont
2.	1229 E. 6th Street	Beaumont
3.	1265 E. 6th Street	Beaumont
4.	1295 E. 6th Street	Beaumont
5.	1297 E. 6th Street	Beaumont
6.		
7.		

Requests must be made in writing and submitted by mail, email, or in person to the following office:

4065 County Circle Drive, Room 104, Riverside, CA 92503
Phone: (951) 358-5055
Email: DEHRecordsMgmt@rivco.org
Mailing Address: P.O. Box 7909, Riverside, CA 92513-7909

For our office locations call us at (888) 722-4234 or visit our website at www.rivcoeh.org

County of Riverside

DEPARTMENT OF ENVIRONMENTAL HEALTH

www.rivcoeh.org

Environmental Protection & Oversight Division
Hazardous Materials Management Branch

REQUEST FOR RECORDS

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Pursuant to California Government Code, Section 6254 (f), records of pending investigations and informant's names, addresses, and telephone numbers, will not be released.

For access to electronic records available online, visit the Public Information section at www.rivcoeh.org for more details.

REQUESTOR INFORMATION		
NAME: Breeanna Copeland	DATE OF REQUEST: August 22, 2018	
BUSINESS NAME (IF ANY): Leighton Consulting Inc		
RETURN LEGAL MAILING ADDRESS: 10532 Acacia Street		
CITY: Rancho Cucamonga	STATE: CA	ZIP: 91730
PHONE: 909-527-8770		

The following information is required. **List each street address separately.**

	SITE STREET ADDRESS (NO APNs)	CITY
1.	560 E Pennsylvania Avenue	Beaumont
2.		
3.		
4.		
5.		
6.		
7.		

Requests must be made in writing and submitted by mail, email, or in person to the following office:

4065 County Circle Drive, Room 104, Riverside, CA 92503
Phone: (951) 358-5055
Email: DEHRecordsMgmt@rivco.org
Mailing Address: P.O. Box 7909, Riverside, CA 92513-7909

For our office locations call us at (888) 722-4234 or visit our website at www.rivcoeh.org

County of Riverside

DEPARTMENT OF ENVIRONMENTAL HEALTH

www.rivcoeh.org

Environmental Protection & Oversight Division
Hazardous Materials Management Branch

REQUEST FOR RECORDS

Requests for review of records are processed on a first come, first serve basis and the processing time is approximately 2-4 weeks. As required by California Public Records Act Section 6250 et seq., a response will be given within ten (10) business days to confirm receipt of your request.

Pursuant to California Government Code, Section 6254 (f), records of pending investigations and informant's names, addresses, and telephone numbers, will not be released.

For access to electronic records available online, visit the Public Information section at www.rivcoeh.org for more details.

REQUESTOR INFORMATION		
NAME: Breeanna Copeland	DATE OF REQUEST: August 22, 2018	
BUSINESS NAME (IF ANY): Leighton Consulting Inc		
RETURN LEGAL MAILING ADDRESS: 10532 Acacia Street		
CITY: Rancho Cucamonga	STATE: CA	ZIP: 91730
PHONE: 909-527-8770		

The following information is required. **List each street address separately.**

	SITE STREET ADDRESS (NO APNs)	CITY
1.	1060 E. 3rd Street	Beaumont
2.		
3.		
4.		
5.		
6.		
7.		

Requests must be made in writing and submitted by mail, email, or in person to the following office:

4065 County Circle Drive, Room 104, Riverside, CA 92503
Phone: (951) 358-5055
Email: DEHRecordsMgmt@rivco.org
Mailing Address: P.O. Box 7909, Riverside, CA 92513-7909

For our office locations call us at (888) 722-4234 or visit our website at www.rivcoeh.org

EPO-159 (REV 10/17)

PAGE 743

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR RIVERSIDE COUNTY
CONTAINER TYPES: 1,2,3,4,5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

06/01/88

I OWNER
CIRCLE K CORPORATION
4500 SOUTH 40TH STREET PHOENIX AZ 85040

II FACILITY

CIRCLE K #509
1201 EAST SIXTH STREET
BEAUMONT CA 92223

CROSS STREET :

MAILING ADDRESS
TOWNSHIP/RANGE/SECTION
1201 EAST SIXTH STREET
BEAUMONT AZ 92223

DEALER/FOREMAN/SUPERVISOR
TELEPHONE
KEN ZIMMERMAN
(714) 845-1215

TYPE OF BUSINESS
NO. OF CONTAINERS
GASOLINE STATION
2

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: KEN ZIMMERMAN (714) 642-7702 NIGHT: ( ) -

********** OWNER ASSIGNED CONTAINER NUMBER: 1 ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000013855001 *********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG:
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 10,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: REGULAR

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: UNKNOWN
D. MATERIAL : CARBON STEEL
E. LINING : UNKNOWN
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12032 REGULAR MOTOR VEHICLE FUEL

PAGE 744 STATE WATER RESOURCES CONTROL BOARD 06/01/88

HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR RIVERSIDE COUNTY

CONTAINER TYPES: 1,2,3,4,5

(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

********** OWNER ASSIGNED CONTAINER NUMBER: 2 ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000013855002 **********

IV DESCRIPTION
- A. CONTAINER TYPE : TANK
- B. MANUFACTURER/YR OF MFG:
- C. YEAR INSTALLED : UNK
- D. CAPACITY (GALLONS) : 10,000
- E. REPAIRS : NONE IF YES WHEN :
- F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
- G. STORES : PRODUCT
- H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
- A. THICKNESS:
- B. VAULTING: NON-VAULTED
- C. WALLING: UNKNOWN
- D. MATERIAL : CARBON STEEL
- E. LINING : UNKNOWN
- F. WRAPPING : UNKNOWN

VI PIPING
- A. ABOVEGROUND PIPING :
- B. UNDERGROUND PIPING : PRESSURE
- C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12031 UNLEADED MOTOR VEHICLE FUEL

Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

August 9, 2018

To: Department of Building and Safety
Records Division
4080 Lemon Street 9th
P.O. Box 1629
Riverside, California 92502
Fax: (951) 955-2022

Attention: County Staff

Subject: File Review Request for Hazardous Materials, Substances or Waste

Leighton Consulting Inc. is requesting information for the following **addresses and/or Assessor's Parcel Numbers (APNs)**:

APN #	Address
418-122-028	
418-122-021	
418-160-006	
418-123-017	1201 E 6TH ST, BEAUMONT CA 92223
418-123-015	560 E PENNSYLVANIA AVE, BEAUMONT CA 92223
418-123-011	
418-123-003	
418-360-009	
418-240-009	1060 E THIRD ST, BEAUMONT CA 92223
418-360-003	
418-240-011	
418-250-006	
418-250-008	
418-250-009	

Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

Leighton Consulting Inc. is requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmentally sensitive spills, responses, or concerns your agency may have on file associated with these properties.

Thank you very much for your time and assistance.

Respectfully submitted,

LEIGHTON CONSULTING INC.

Breeanna Copeland
Senior Staff Geologist
(951) 527-8770
bcopeland@leightongroup.com

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 10:55 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

How are we doing? Click the link to tell us

This email contains information which is confidential and is intended only for use of the recipient(s) named above. If you are not an intended recipient, you are hereby notified that any copying, distribution, disclosure, reliance upon or other use of the contents of this email is strictly prohibited. If you have received this email in error, please notify the sender and destroy your copy of this email.

From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:37 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	1201 E 6th Street, Beaumont CA 92223
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-123-017
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 10:58 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:39 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	560 E Pennsylvania Avenue, Beaumont CA 92223
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-123-015
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:01 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:40 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	1060 E Third Street, Beaumont CA 92223
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-240-009
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:09 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:42 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-122-028
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:12 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:42 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-122-021
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:13 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

How are we doing? Click the link to tell us

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:43 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-160-006
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:16 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

How are we doing? Click the link to tell us

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:44 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-123-011
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:18 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

How are we doing? Click the link to tell us

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:46 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-123-003
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:20 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

How are we doing? Click the link to tell us

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:47 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-360-009
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:23 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:48 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-360-003
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:27 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:49 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-240-011
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:29 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:51 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-250-006
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:31 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:52 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-250-008
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Records <records@RIVCO.ORG>
Sent: Wednesday, August 22, 2018 11:33 AM
To: Breeanna Copeland
Subject: RE: Building and Safety Records Request

Hello,

After a thorough search of our records, we are unable to locate any building records for this address or APN.
Also, this address is located in the City of Beaumont jurisdiction. You may want to contact their Building Department at (951)769-8520 to check for any permits they may have issued.

If you have any questions, please contact us @ (951) 955-2017 or with a reply email.

Thank you,

Anthony
TLMA Records & Information
Phone: 951.955.2017

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From: bcopeland@leightongroup.com [mailto:bcopeland@leightongroup.com]
Sent: Tuesday, August 21, 2018 12:52 PM
To: Records <records@RIVCO.ORG>
Subject: Building and Safety Records Request

Building and Safety Records Request

Requestor's Name:*	Breeanna Copeland
Company:	Leighton Consulting Inc
Requestor's Phone No (format example: 951-000-0000):*	9095278770
Current Mailing Address:	10532 Acacia Street Suite B-6

City:	Rancho Cucamonga
State:	California
Zip:	91730
E-Mail:*	bcopeland@leightongroup.com
ADDRESS TO BE RESEARCHED:**	
ASSESSOR'S PARCEL NUMBER (APN) (format example: 123-456-789) **:	418-250-009
Year Built:	
***REQUESTING ALL PERMITS:**	Yes
If not, please specify type of permit(s) below:	
Additional Comments:	

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County of Riverside California

Breeanna Copeland

From: Shane Scissons <SScissons@beaumontca.gov>
Sent: Friday, August 24, 2018 9:40 AM
To: Breeanna Copeland
Subject: RE: APN numbers for Pennsylvania Project
Attachments: 502 Massachusetts Ave.pdf; 1201 E. 6th St.pdf; 1201 half E. 6th St.pdf; 560 E. Pennsylvannia Ave.pdf; 1229 E. 6th St.pdf; 1265 E. 6th St.pdf; 1265 half E. 6th St.pdf; 1295 E. 6th St.pdf; 1297 E. 6th St.pdf

Good morning Breeanna,

Please see the attached for the majority of your request, I am still working on 1060 E. 3rd st. You will notice some of the address have "half", for those there is a ½ address, typically those were for signs, but I wanted to include them in your request. I also wanted to check in and let you know where I was at with things.

Thank you,

Shane Scissons
Permit Technician
City of Beaumont
sscissons@beaumontca.gov
Phone: (951) 769-8529
Building & Safety counter hours for same day permits will be Monday – Friday from 8:00 a.m. to 11:00 a .m.

From: Breeanna Copeland [mailto:bcopeland@leightongroup.com]
Sent: Wednesday, August 22, 2018 3:32 PM
To: Shane Scissons
Subject: RE: APN numbers for Pennsylvania Project

Hello Shane,

Thank you for getting back to me so quickly. I appreciate your help with this request.

Breeanna Copeland, GIT
Senior Staff Geologist
Leighton Group Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
(909) 527-8770 Direct
(951) 258-4715 Cell

(909) 484-2170 FAX

From: Shane Scissons [mailto:SScissons@beaumontca.gov]
Sent: Wednesday, August 22, 2018 3:32 PM
To: Breeanna Copeland
Subject: APN numbers for Pennsylvania Project

Good afternoon Breeanna,

Please see the attached for work in progress on the list of APN's you gave me. I did run into a couple of repeat APN's and did have to move an address around. I will start pulling permit information as soon as I can. Please keep in mind, some of these properties may have limited permits.

Thank you,

Shane Scissons
Permit Technician
City of Beaumont
sscissons@beaumontca.gov
Phone: (951) 769-8529
Building & Safety counter hours for same day permits will be Monday – Friday from 8:00 a.m. to 11:00 a .m.

DEPARTMENT OF BUILDING & SAFETY
CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

CONSTRUCTION ESTIMATE	Sq Feet	Rate	Value

ESTIMATED VALUATION $18,000.00

NO.	MECHANICAL FEES	
	Vent System: Hood ___ Fan ___ Evap. Cool ___	
	Furnace: Unit ___ Wall ___ Floor ___ Suspended ___	
	Air Handling Unit	
	Natural Gas Pipe	
	Appliance Vent	
	Forced Heating System	
	Fireplace	
	Misc. Equipment	
	Permit Fee	
	TOTAL	$0.00

NO.	ELECTRICAL FEES	
	Private Pool	
	Distribution Pole	
	Signs	
	Motor 1HP/less	
	Motor >1HP-<10HP	
	Motor >10HP-<50HP	
	Motor >50HP-<100HP	
	Motor >100HP	
	Fixtures-first 20	
	Fixtures-over 20	
	Outlets-first 20	
	Outlets-over 20	
	Subpanel	
	Misc Apparatus	
	Residential Appl.	
	Non-Residential Appl.	
	Construction Pole	
	Serv Ent/600Vor<200A	
	Serv Ent/600Vor<1000A	
	Serv Ent/>600Vor>1000A	
	Residence per sq.ft.	
	Permit Fee	
	TOTAL	$0.00

NO.	PLUMBING FEES	
	Leach System	
	Lateral Connection	
	Drainage Piping	
	Drinking Fountain	
	Urinal	
	Water Piping	
	Floor Drain	
	Washer (Auto)	
	Laundry Tray	
	Kitchen Sink	
	Water Closet	
	Lavatory	
	Shower	
	Bath Tub	
	Water Heater	
	Sewage Disposal	
	House Sewer	
	Gas Piping	
	Grease Interceptor	
	Permit Fee	
	TOTAL	$0.00

E. Area Benefit Dist.		W. Area Benefit Dist.	
Sewer Connect Fee 9100-8660		Demolition Fee 1200-7740	
Plan Check Fee 1200-8502	$380.00	Fire Station 1200-8502	
Spec. Inspection 1200-7740		Signalization 1200-B502	
Investigation 1200-7740		Construction Fee 1200-7750 1146.63	$293.25
Railroad Crossing 1200-8502		Grading Fee 1200-7750	
Mechanical Fee 1200-7750	$0.00	Plumbing Fee 1200-7750	$0.00
Electrical Fee 1200-7750	$0.00	S.M.I.P. 1200-8502 1.89	$3.78
G.P.F. 1200-8502		B.S.F.F. 1200-8502 .50 1.00	
TOTAL FEES 339.02		**$677.03** 678.03	
Cash ___ Check ___ Check No.			
Received By 50% Stimulus			

Job Address 1201 E 6th St			Owner Patel
Legal Description 1201 E 6th St			Valuation $18,000.
Group Commercial		Type Expand Commercial/Industrial Bld	
Project Description TI New store front/T-Bar Ceiling			Date 01/04/2011
Plan Checked		Plan No.	
Inspector / Approval			Final Date 5/19/11
Contractor Pass Developers			State License No. 258840
Address 795 E.6th Street			Business License No. 0516
C/S/Z Beaumont, Ca 92223			Phone 951-845-4923
Owner Mr. Hitendra Patel			
Address 1201 E 6th St			
C/S/Z Beaumont, Ca 92223			Phone

PERMIT NUMBER BP2011-3

This permit shall become void if work is not commenced within 180 days. Cessation of work for 180days shall also cause permit to become void. I hereby agree that all work in connection with this permit will be done in accordance with the ordinances of the City of Beaumont and the State of California. I also agree to carry compensation insurance upon my employees. Compliance with laws of the State of California covering contractors is also guaranteed.

Signature of contractor or Authorized Agent — Date 1-4-11

Signature of Owner (if owner) — Date

DEPARTMENT OF BUILDING & SAFETY
CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

CONSTRUCTION ESTIMATE			
	Sq Feet	Rate	Value

ESTIMATED VALUATION		
NO.	MECHANICAL FEES	
	Vent System: Hood ☐ Fan ☐ Evap. Cool ☐	
	Furnace: Unit ☐ Wall ☐ Floor ☐ Suspended ☐	
	Air Handling Unit	
	Natural Gas Pipe	
	Appliance Vent	
	Forced Heating System	
	Fireplace	
	Misc. Equipment	
	Permit Fee	
	TOTAL	$0.00

NO.	ELECTRICAL FEES		NO.	PLUMBING FEES	
	Private Pool			Leach System	
	Distribution Pole			Lateral Connection	
1	Signs	$22.00		Drainage Piping	
	Motor 1HP/less			Drinking Fountain	
	Motor >1HP-<10HP			Urinal	
	Motor >10HP-<50HP			Water Piping	
	Motor >50HP-<100HP			Floor Drain	
	Motor >100HP			Washer (Auto)	
	Fixtures-first 20			Laundry Tray	
	Fixtures-over 20			Kitchen Sink	
	Outlets-first 20			Water Closet	
	Outlets-over 20			Lavatory	
	Subpanel			Shower	
	Misc Apparatus			Bath Tub	
	Residential Appl.			Water Heater	
	Non-Residential Appl.			Sewage Disposal	
	Construction Pole			House Sewer	
	Serv Ent/600Vor<200A			Gas Piping	
	Serv Ent/600Vor<1000A			Grease Interceptor	
	Serv Ent/>600Vor>1000A				
	Residence per sq.ft.				
1	Permit Fee	$25.00		Permit Fee	
	TOTAL	$47.00		TOTAL	$0.00

E. Area Benefit Dist.		W. Area Benefit Dist.	
Sewer Connect Fee 9100-8660		Demolition Fee 1200-7740	
Plan Check Fee 1200-8502		Fire Station 1200-8502	
Spec. Inspection 1200-7740		Signalization 1200-B502	
Investigation 1200-7740		Construction Fee 1200-7750	
Railroad Crossing 1200-8502		Grading Fee 1200-7750	
Mechanical Fee 1200-7750	$0.00	Plumbing Fee 1200-7750	$0.00
Electrical Fee 1200-7750	$47.00	S.M.I.P. 1200-8502	
G.P.F. 1200-8502		B.S.F.F. 1200-8502	
TOTAL FEES	23.50		$47.00
Cash ☐ Check ☐	Check No.		
Received By	50% Stimulus		

Job Address 1201 E 6th St		Owner Patel
Legal Description 1201 E 6th St		Valuation
Group Commercial	Type Repair/Remodel SF Residential	
Project Description Signs		Date 12/14/2010
Plan Checked	Plan No.	
Inspector / Approval		Final Date 5/10/11
Contractor		State License No.
Address		Business License No.
C/S/Z		Phone
Owner Mr. Hitendra Patel		
Address 1201 E 6th St		
C/S/Z Beaumont, Ca 92223		Phone

PERMIT NUMBER BP2010-1165

This permit shall become void if work is not commenced within 180 days. Cessation of work for 180days shall also cause permit to become void. I hereby agree that all work in connection with this permit will be done in accordance with the ordinances of the City of Beaumont and the State of California. I also agree to carry compensation insurance upon my employees. Compliance with laws of the State of California covering contractors is also guaranteed.

Signature of contractor or Authorized Agent _____ Date _____ Signature of Owner (if owner) _____ Date _____

DEPARTMENT OF BUILDING & SAFETY
CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

CONSTRUCTION ESTIMATE

	Sq Feet	Rate	Value

ESTIMATED VALUATION

NO.	MECHANICAL FEES	
	Vent System: Hood ☐ Fan ☐ Evap. Cool ☐	
	Furnace: Unit ☐ Wall ☐ Floor ☐ Suspended ☐	
1	Air Handling Unit	$10.65
	Natural Gas Pipe	
	Appliance Vent	
	Forced Heating System	
	Fireplace	
	Misc. Equipment	
1	Permit Fee	$25.00
	TOTAL	**$35.65**

NO.	ELECTRICAL FEES	
	Private Pool	
	Distribution Pole	
	Signs	
	Motor 1HP/less	
	Motor >1HP-<10HP	
	Motor >10HP-<50HP	
	Motor >50HP-<100HP	
	Motor >100HP	
	Fixtures-first 20	
	Fixtures-over 20	
	Outlets-first 20	
	Outlets-over 20	
	Subpanel	
	Misc Apparatus	
	Residential Appl.	
	Non-Residential Appl.	
	Construction Pole	
	Serv Ent/600Vor<200A	
	Serv Ent/600Vor<1000A	
	Serv Ent/>600Vor>1000A	
	Residence per sq.ft.	
	Permit Fee	
	TOTAL	**$0.00**

NO.	PLUMBING FEES	
	Leach System	
	Lateral Connection	
	Drainage Piping	
	Drinking Fountain	
	Urinal	
	Water Piping	
	Floor Drain	
	Washer (Auto)	
	Laundry Tray	
	Kitchen Sink	
	Water Closet	
	Lavatory	
	Shower	
	Bath Tub	
	Water Heater	
	Sewage Disposal	
	House Sewer	
	Gas Piping	
	Grease Interceptor	
	Permit Fee	
	TOTAL	**$0.00**

E. Area Benefit Dist.		W. Area Benefit Dist.	
Sewer Connect Fee 9100-8660		Demolition Fee 1200-7740	
Plan Check Fee 1200-8502		Fire Station 1200-8502	
Spec. Inspection 1200-7740		Signalization 1200-B502	
Investigation 1200-7740		Construction Fee 1200-7750	
Railroad Crossing 1200-8502		Grading Fee 1200-7750	
Mechanical Fee 1200-7750	$35.65	Plumbing Fee 1200-7750	$0.00
Electrical Fee 1200-7750	$0.00	S.M.I.P. 1200-8502	
G.P.F. 1200-8502		B.S.F.F. 1200-8502	
TOTAL FEES			**$35.65**
Cash ☐ Check ☐ Check No.			
Received By			

Job Address 1201 E. 6th St.		Owner
Legal Description 418-123-001		Valuation
Group Commercial	Type Repair/Remodel SF Residential	
Project Description Replace A/C & Heating Unit		Date 4/26/2006
Plan Checked	Plan No.	
Inspector / Approval		Final Date 8-7-07
Contractor Astro Mechanical		State License No.
Address 11975 Athens Dr		Business License No.
C/S/Z Moreno Valley, Ca 92557		Phone 951-660-8365
Owner Sahil-Pragati Partners Llc		
Address 1201 E. 6th St.		
C/S/Z Beaumont, Ca 92223		Phone

PERMIT NUMBER BP2006-1300

This permit shall become void if work is not commenced within 180 days. Cessation of work for 180days shall also cause permit to become void. I hereby agree that all work in connection with this permit will be done in accordance with the ordinances of the City of Beaumont and the State of California. I also agree to carry compensation insurance upon my employees. Compliance with laws of the State of California covering contractors is also guaranteed.

Signature of contractor or Authorized Agent — Date 4-25-06

Signature of Owner (if owner) — Date

Item 8.

CITY OF BEAUMONT

REQUEST FOR INSPECTION

Job Address 1201 E 6th Date 22 April 85

Owner Circle K Time 11 30

Contractor ..... Rec'd. by SF

Grading ..... Elec. X Final Elec. .....

Foundation ..... Plbg. ..... Final Plbg. .....

Steel ..... Sewer ..... Final Gas .....

Framing ..... Lath ..... Final Bldg. .....

Masonry ..... Roof .....

Comments .....

Requested for Mon. (Tues.) Wed. Thurs. Fri. a.m. ..... p.m. .....

Requested by ..... Assigned .....

BUILDING & SAFETY
BEAUMONT
, CALIFORNIA

WHITE — CUSTOM
BLUE — FILE COP
CANARY — ENVELOPE COPY
PINK — ASSESSOR COPY
MANILA — INSPECTION COPY

ELECTRICAL FEES			PLUMBING FEES		
			NO.		
LES					
GNS				DRAINAGE PIPING	
				DRINKING FOUNTAIN	
TOR H.P.				URINAL	
TOR H.P.				WATER PIPING	
TOR H.P.				FLOOR DRAIN	
TOR H.P.				WATER SOFTENER	
TOR H.P.				WASHER (AUTO) (DISH)	
TURES				GARBAGE DISPOSAL	
TLETS				LAUNDRY TRAY	
B-PANEL 400 Amp	16	00		KITCHEN SINK	
	20	00		WATER CLOSET	
RANGE AND/OR OVEN				LAVATORY	
WATER HEATER				SHOWER	
SPACE HEATER				BATH TUB	
CONSTRUCTION POLE				WATER HEATER	
SERVICE ENTRANCE				SEWAGE DISPOSAL	
RESID. 1¢ SQ. FT.				HOUSE SEWER	
GARAGE ½¢ SQ. FT.				GAS PIPING	
PERMIT FEE	10	00		PERMIT FEE	
TOTAL	36	00		TOTAL	

COMMERCIAL

GAS PIPE ☐ NATURAL ☐ L.P.G. ☐ OIL		
APPLIANCE VENT		
HEATING SYSTEM ☐ FORCED ☐ GRAVITY		
PERMIT FEE		
TOTAL		

E.I.R. FEE

CURBS & GUTTERS 01-009-204	LANDSCAPE 01-009-204	USE ZONE	JOB ADDRESS 1201 E 6th	OWNER Circle K	
30-009-727 SEWER CONNECT FEE			USE OF BUILDING Electrical Panel	VALUATION	
01-009-714 PLAN CHECK FEE		FIRE ZONE	LEGAL DESCRIPTION 418-132-001	DATE 22 April 85	
01-009-204 MECHANICAL FEE		CHECKED BY		SUPP. TO PERMIT	
01-009-204 CONSTRUCTION FEE		GROUP / TYPE	BOND $ / BOND / CASH / FILE NO.	FINAL DATE 4-22-	INSPECTOR/APPROVAL PT
01-009-204 ELECTRICAL FEE 36.00		SPEC. INSP.			
01-009-204 PLUMBING FEE		PLAN CHECKED			
01-009-395 LAND USE CLEARANCE	01-009-204 GRADING				
01-009-204 EXCAVATION	01-009-715 S.M.I.P. .50				
01-009-716 G.P.F.	01-009-717 B.S.F.F.				
TOTAL FEES	$ 36.50				

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS. CESSATION OF WORK FOR 180 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.

I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE ORDINANCES OF THE CITY OF BEAUMONT AND THE STATE OF CALIFORNIA. I ALSO AGREE TO CARRY COMPENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE WITH LAWS OF THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARANTEED.

CONTRACTOR Mike Kincaid	OWNER Circle K
ADDRESS [illegible]	ADDRESS 1201 E 6th
[illegible]	[illegible]
LICENSE NO. [illegible]	№ 3336
TEL. NO. [illegible] 927 9277	TEL. NO. [illegible]

CASH | CHECK | M.O. | N.C.

RECEIVED BY [illegible]

INFORMATION

[illegible]

CITY OF BEAUMONT

REQUEST FOR INSPECTION

Job Address 1201 E 6th Date 10/23/84

Owner Circle K Time 11:30

Contractor Northcut Rec'd. by [illegible]

Grading ..... Elec. ..... Final Elec. .....

Foundation ..... Plbg. ..... Final Plbg. ✓

Steel ..... Sewer ..... Final Gas .....

Framing ..... Lath ..... Final Bldg. .....

Masonry ..... Roof .....

Comments .....

Requested for Mon. Tues. (Wed.) Thurs. Fri. a.m. ..... p.m. .....

Requested by ..... Assigned .....

BUILDING & SAFETY
BEAUMONT
T, CALIFORNIA

WHITE — CUSTOM
BLUE — FILE COP
CANARY — ENVELOPE COPY
PINK — ASSESSOR COPY
MANILA — INSPECTION COPY

Item 8.

ELECTRICAL FEES			PLUMBING FEES		
			NO.		
OLES					
GNS				DRAINAGE PIPING	
				DRINKING FOUNTAIN	
OTOR H.P.				URINAL	
OTOR H.P.				WATER PIPING	
OTOR H.P.				FLOOR DRAIN	
OTOR H.P.				WATER SOFTENER	
OTOR H.P.				WASHER (AUTO) (DISH)	
XTURES				GARBAGE DISPOSAL	
UTLETS				LAUNDRY TRAY	
B-PANEL				KITCHEN SINK	
				WATER CLOSET	
RANGE AND/OR OVEN				LAVATORY	
WATER HEATER				SHOWER	
SPACE HEATER				BATH TUB	
CONSTRUCTION POLE				WATER HEATER	
SERVICE ENTRANCE				SEWAGE DISPOSAL	
RESID. 1¢ SQ. FT.				HOUSE SEWER	
GARAGE ½¢ SQ. FT.				GAS PIPING	
PERMIT FEE				PERMIT FEE	
TOTAL		0		TOTAL	

COMMERCIAL

GAS PIPE ☐ NATURAL ☐ L.P.G. ☐ OIL		
APPLIANCE VENT		
HEATING SYSTEM ☐ FORCED ☐ GRAVITY		
PERMIT FEE		
TOTAL		

E.I.R. FEE

CURBS & GUTTERS 01-009-204	LANDSCAPE 01-009-204	USE ZONE	JOB ADDRESS 1201 E 6th	OWNER Circle K	
30-009-727 SEWER CONNECT FEE			USE OF BUILDING [illegible]	VALUATION [illegible]	
01-009-714 PLAN CHECK FEE	16.25	FIRE ZONE	LEGAL DESCRIPTION	DATE [illegible]	
01-009-204 MECHANICAL FEE		CHECKED BY		SUPP. TO PERMIT	
01-009-204 CONSTRUCTION FEE	25.00	GROUP / TYPE	BOND $ / BOND / CASH / FILE NO.	FINAL DATE 10/25/84	INSPECTOR/APPROVAL [illegible]
01-009-204 ELECTRICAL FEE	12.50	SPEC. INSP.			
01-009-204 PLUMBING FEE	14.00	PLAN CHECKED			
01-009-395 LAND USE CLEARANCE		01-009-204 GRADING			
01-009-204 EXCAVATION		01-009-715 S.M.I.P. .50			
01-009-716 G.P.F.		01-009-717 B.S.F.F.			
TOTAL FEES		$ 68.75			

CASH | CHECK | M.O. | N.C.

RECEIVED BY [illegible]

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS. CESSATION OF WORK FOR 180 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.

I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE ORDINANCES OF THE CITY OF BEAUMONT AND THE STATE OF CALIFORNIA. I ALSO AGREE TO CARRY COMPENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE WITH LAWS OF THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARANTEED.

CONTRACTOR	OWNER
NORTHCUTT CONSTRUCTION	CIRCLE K MARKET
ADDRESS 811 MAIN ST.	ADDRESS 2588 NEWPORT
EL CAJON, CA. 92021	COSTA MESA, CA. 92627
LICENSE NO. 271573	№ 3214
TEL. NO. 619 447-1400	TEL. NO. 714 642-7702

INFORMATION

DEPARTMENT OF BUILDING & SAFETY

CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

WHITE — CUSTOM
BLUE — FILE COP
CANARY — ENVE
PINK — ASSESSOR COPY
MANILA — INSPECTION COPY

CONSTRUCTION ESTIMATE

1ST FL.		SQ. FT. @	
2ND FL.		SQ. FT. @	
POR.		SQ. FT. @	
GAR.		SQ. FT. @	
CAR P.		SQ. FT. @	
WALL		SQ. FT. @	
		SQ. FT. @	

ESTIMATED VALUATION $

MECHANICAL FEES

COMMERCIAL ONLY

VENT SYSTEM ☐ FAN ☐ EVAP. COOL ☐ HOOD		
APPLIANCE		
FURNACE ☐ UNIT ☐ WALL ☐ FLOOR ☐ SUSPENDED		
AIR HANDLING UNIT		
GAS PIPE ☐ NATURAL ☐ L.P.G. ☐ OIL		
APPLIANCE VENT		
HEATING SYSTEM ☐ FORCED ☐ GRAVITY		
PERMIT FEE		
TOTAL		

E.I.R. FEE

ELECTRICAL FEES

NO.			
	POLES		
	SIGNS		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	FIXTURES		
	OUTLETS		
	SUB-PANEL		
	RANGE AND/OR OVEN		
	WATER HEATER		
	SPACE HEATER		
	CONSTRUCTION POLE		
	SERVICE ENTRANCE		
	RESID. 1¢ SQ. FT.		
	GARAGE ½¢ SQ. FT.		
	PERMIT FEE		
	TOTAL		

PLUMBING FEES

NO.			
	DRAINAGE PIPING		
	DRINKING FOUNTAIN		
	URINAL		
	WATER PIPING		
	FLOOR DRAIN		
	WATER SOFTENER		
	WASHER (AUTO) (DISH)		
	GARBAGE DISPOSAL		
	LAUNDRY TRAY		
	KITCHEN SINK		
	WATER CLOSET		
	LAVATORY		
	SHOWER		
	BATH TUB		
	WATER HEATER		
	SEWAGE DISPOSAL		
	HOUSE SEWER		
	GAS PIPING		
	PERMIT FEE		
	TOTAL		

CURBS & GUTTERS	FENCE	LANDSCAPE	GRADING	EXCAVATION			

SET BACK F	SET BACK S	SET BACK R	LOT SIZE	USE ZONE

JOB ADDRESS

OWNER

SEWER CONNECT FEE

USE OF BUILDING

FIRE ZONE

PLAN CHECK FEE

COMMUNITY

VALUATION

CHECKED BY

MECHANICAL FEE

LEGAL DESCRIPTION

DATE

GROUP | TYPE

CONSTRUCTION FEE

SUPP. TO PERMIT

SPEC. INSP.

ELECTRICAL FEE

BOND $	BOND	CASH	FILE NO.	FINAL DATE	INSPECTOR/APPROVAL
				12-23-92	

PLAN CHECKER

PLUMBING FEE

TOTAL FEES $

CASH		CHECK		M.O.		N.C.	

RECEIVED BY

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS. CESSATION OF WORK FOR 180 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.

I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE ORDINANCES OF THE CITY OF BEAUMONT AND THE STATE OF CALIFORNIA. I ALSO AGREE TO CARRY COMPENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE WITH LAWS OF THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARANTEED.

INFORMATION

CONTRACTOR	OWNER
ADDRESS	ADDRESS
TEL NO.	TEL NO.
LICENSE NO.	

979

BUILDING PERMIT

CITY OF BEAUMONT, CALIFORNIA

BUILDING DEPARTMENT

Nº 3334

$ 1.00

May 16 1957

Permission is hereby granted Rofing Tutt

Address 1201 E 6th

To use a Carry Stand

Lot ..... Block ..... Tract .....

Street Address .....

Entire Cost of building or improvement $ ..... Area 1st Floor (Square Feet) ..... No. Stories .....

Contractor Owner Address Same

Start must have sled runners and must be moved away Oct 1 - 57

This permit is based upon certain plans and specifications of said work and written application all duly filed in this office, all of which are hereby referred to and made a part hereof; and is subject to all the rules and regulations set forth in the ordinances of the City of Beaumont, and the laws of the State of California, in regard to such work, and all amendments thereto.

C. R. Grace, Building Inspector.

JUN 10 1957

BUILDING PERMIT

CITY OF BEAUMONT, CALIFORNIA

BUILDING DEPARTMENT

Nº 3807

$ 1.00

May 14 1957

Permission is hereby granted Rofing Tutt

Address 1201 E 6th St.

To — a Carry Stand

Lot — Block — Tract —

Street Address 1201 E 6th St.

Entire Cost of building or improvement $ 10.00 Area 1st Floor (Square Feet) — No. Stories —

Contractor Owner Address Same

This permit is based upon certain plans and specifications of said work and written application all duly filed in this office, all of which are hereby referred to and made a part hereof; and is subject to all the rules and regulations set forth in the ordinances of the City of Beaumont, and the laws of the State of California, in regard to such work, and all amendments thereto.

Harley E. Beaumont, Building Inspector.

JUN 16 1959

NOTE—No refund of fee allowed on this permit for any reason whatsoever.

PLUMBING PERMIT (Receipt)

CITY OF BEAUMONT, CALIF.

13

Nº 2218

PERMISSION IS HEREBY GRANTED TO Beaumont, Calif., 19

Mr. .....

Job Location: Lot..... Block..... House No..... Street.....

Miscellaneous .....

To do—Sanitary Plumbing $..... Gas Piping $..... Gas Water Heater $.....

Gas Water Heater Vent $..... House Sewer $..... Cess Pool or Septic Tank $.....

Work only as indicated by application on file numbered and dated the same as this permit, in accordance with and subject to all the provisions of the Building and Plumbing Ordinances of the City of Beaumont.

A fee of $1.00 is charged for each class of work above mentioned which is not marked or crossed out.

Total Fee Received $.....

NOV 5 1954

By.....
Sanitary Plumbing and Building Inspector

BUILDING PERMIT

CITY OF BEAUMONT, CALIFORNIA

BUILDING DEPARTMENT

Nº 2814

$.....

....., 19.....

Permission is hereby granted.....

Address .....

To ..... a.....

Lot ..... Block..... Tract .....

Street Address.....

Entire Cost of building or improvement $..... Area 1st Floor..... (Square Feet) No. Stories.....

Contractor ..... Address.....

.....

.....

This permit is based upon certain plans and specifications of said work and written application all duly filed in this office, all of which are hereby referred to and made a part hereof; and is subject to all the rules and regulations set forth in the ordinances of the City of Beaumont, and the laws of the State of California, in regard to such work, and all amendments thereto.

....., Building Inspector.

AUG 9 1954

Item 8.

BUILDING PERMIT CITY OF BEAUMONT, CALIF.
BUILDING DEPARTMENT

Nº [illegible]12

10-26 1970

$ 34.50

Permission is hereby granted Circle K Markets

Address S-East corner 6th & Penn. 1201-East 6th st

To erect self service Station (gasoline) a

Lot _____ Block _____ Tract _____

Street Address same

Entire Cost of building or improvement $ 3500.00 Area 1st Floor no area (Square Feet) No. Stories _____

Contractor ~~[illegible]~~ Fi-Way Coast Co Address 2[illegible] - West Olive [illegible]

★ *WARNING - 1. Check location and depth of Sewer Line. 2. Curb and Gutter to be installed as required by Ordinance 327 before final inspection will be granted. 3. Building Lot must have boundary stakes placed by a licensed Surveyor.*

Fee 23.22

Plan Check 11.50

This permit is based upon certain plans and specifications of said work and written application all duly filed in this office, all of which are hereby referred to and made a part hereof; and is subject to all the rules and regulations set forth in the ordinances of the City of Beaumont, and the laws of the State of California, in regard to such work, and all amendments thereto.

OCT 30 1970

[signature], Building Inspector

BUILDING PERMIT CITY OF BEAUMONT, CALIF.
BUILDING DEPARTMENT

Nº 5877

7/11 1970

$ 171.00

Permission is hereby granted Circle K Markets

Address East 6th & Penn. on Corner 1201-East 6th st

To Erect Commercial Market Bldg a

Lot _____ Block _____ Tract _____

Street Address _____

Entire Cost of building or improvement $ 35,100.00 Area 1st Floor #5x60 = 2700 (Square Feet) No. Stories 1

Contractor Ed Johns Address 833-W-El Miradas [illegible]

★ *WARNING - 1. Check location and depth of Sewer Line. 2. Curb and Gutter to be installed as required by Ordinance 327 before final inspection will be granted. 3. Building Lot must have boundary stakes placed by a licensed Surveyor.*

Bldg Fee 114.00

Plan Check 57

This permit is based upon certain plans and specifications of said work and written application all duly filed in this office, all of which are hereby referred to and made a part hereof; and is subject to all the rules and regulations set forth in the ordinances of the City of Beaumont, and the laws of the State of California, in regard to such work, and all amendments thereto.

[signature], Buildin[illegible]ctor

DEPARTMENT OF BUILDING & SAFETY
CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

CONSTRUCTION ESTIMATE

	Sq Feet	Rate	Value
COM STORE TYPI	2,605.00	$41.93	$109,227.65

ESTIMATED VALUATION $109,227.65

NO.	MECHANICAL FEES	
2	Vent System: Hood ☐ Fan ☒ Evap. Cool ☐	$14.50
	Furnace: Unit ☐ Wall ☐ Floor ☐ Suspended ☐	
	Air Handling Unit	
1	Natural Gas Pipe	$5.00
	Appliance Vent	
1	Forced Heating System	$14.80
	Fireplace	
	Misc. Equipment	
1	Permit Fee	$25.00
	TOTAL	$59.30

NO.	ELECTRICAL FEES	
	Private Pool	
	Distribution Pole	
	Signs	
	Motor 1HP/less	
	Motor >1HP-<10HP	
	Motor >10HP-<50HP	
	Motor >50HP-<100HP	
	Motor >100HP	
20	Fixtures-first 20	$20.00
25	Fixtures-over 20	$16.25
16	Outlets-first 20	$16.00
	Outlets-over 20	
4	Subpanel	$65.00
	Misc Apparatus	
	Residential Appl.	
	Non-Residential Appl.	
	Construction Pole	
1	Serv Ent/600Vor<200A	$27.25
	Serv Ent/600Vor<1000A	
	Serv Ent/>600Vor>1000A	
	Residence per sq.ft.	
1	Permit Fee	$25.00
	TOTAL	$169.50

NO.	PLUMBING FEES	
	Leach System	
1	Lateral Connection	$75.00
	Drainage Piping	
1	Drinking Fountain	$7.00
	Urinal	
1	Water Piping	$7.00
	Floor Drain	
34	Washer (Auto)	$238.00
	Laundry Tray	
3	Kitchen Sink	$21.00
1	Water Closet	$7.00
1	Lavatory	$7.00
	Shower	
	Bath Tub	
2	Water Heater	$14.00
	Sewage Disposal	
	House Sewer	
1	Gas Piping	$5.00
	Grease Interceptor	
1	Permit Fee	$25.00
	TOTAL	$406.00

E. Area Benefit Dist.		W. Area Benefit Dist.	
Sewer Connect Fee 9100-8660		Demolition Fee 1200-7740	
Plan Check Fee 1200-8502	$3,496.90	Fire Station 1200-8502	
Spec. Inspection 1200-7740		Signalization 1200-B502	
Investigation 1200-7740		Construction Fee 1200-7750	$1,045.42
Railroad Crossing 1200-8502		Grading Fee 1200-7750	
Mechanical Fee 1200-7750	$59.30	Plumbing Fee 1200-7750	$406.00
Electrical Fee 1200-7750	$169.50	S.M.I.P. 1200-8502	$22.94
G.P.F. 1200-8502		B.S.F.F. 1200-8502	4.37
TOTAL FEES		**$5,200.06**	
Cash ☐ Check ☐	Check No.	5204.43	
Received By @ 50%		2602.22	

Job Address 1201 E. 6th St.- ~~1 UNDERGROUND STOR~~ B — Owner Patel

Legal Description 418-123-~~001~~017 Steps — Valuation $109,227

Group Residential — Type New Commercial/Industrial Bldg.

Project Description New Commercial / Laundromat — Date 02/16/2010

Plan Checked — Plan No.

Inspector Approval Shamma Ace — Final Date 12/14/10

Contractor Pass Developers — State License No. 258840

Address 795 E.6th Street — Business License No. 0516

C/S/Z Beaumont, Ca 92223 — Phone 951-845-4923

Owner Sahil-Pragati Partners Llc

Address 1201 E. 6th St. -Beaumont Market

C/S/Z Beaumont, Ca 92223 — Phone 951-845-1801

PERMIT NUMBER BP2010-139

This permit shall become void if work is not commenced within 180 days. Cessation of work for 180days shall also cause permit to become void. I hereby agree that all work in connection with this permit will be done in accordance with the ordinances of the City of Beaumont and the State of California. I also agree to carry compensation insurance upon my employees. Compliance with laws of the State of California covering contractors is also guaranteed.

Paula T. Chastanet — Signature of contractor or Authorized Agent

4/22/2010 — Date

Signature of Owner (if owner)

Date

Item 8.

DEPARTMENT OF BUILDING & SAFETY

CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

WHITE — CUSTOMER
BLUE — FILE COPY
CANARY — ENVELOPE COPY
PINK — ASSESSOR COPY
MANILA — INSPECTION COPY

CONSTRUCTION ESTIMATE

1ST FL.		SQ. FT. @	
2ND FL.		SQ. FT. @	
POR.		SQ. FT. @	
GAR.		SQ. FT. @	
CAR P.		SQ. FT. @	
WALL		SQ. FT. @	
		SQ. FT. @	

ESTIMATED VALUATION $

MECHANICAL FEES

	VENT SYSTEM ☐ FAN ☐ EVAP. COOL ☐ HOOD		
	APPLIANCE		
	FURNACE ☐ UNIT ☐ WALL ☐ FLOOR ☐ SUSPENDED		
	AIR HANDLING UNIT		
	GAS PIPE ☐ NATURAL ☐ L.P.G. ☐ OIL		
	APPLIANCE VENT		
	HEATING SYSTEM ☐ FORCED ☐ GRAVITY		
	PERMIT FEE		
	TOTAL		

E.I.R. FEE

ELECTRICAL FEES

NO			
	POLES		
	SIGNS	15	—
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	FIXTURES		
	OUTLETS		
	SUB-PANEL		
	RANGE AND/OR OVEN		
	WATER HEATER		
	SPACE HEATER		
	CONSTRUCTION POLE		
	SERVICE ENTRANCE		
	RESID 3½¢ SQ. FT.		
	PERMIT FEE		
	TOTAL	25	—

PLUMBING FEES

NO.			
	LATERAL CONNECTION		
	DRAINAGE PIPING		
	DRINKING FOUNTAIN		
	URINAL		
	WATER PIPING		
	FLOOR DRAIN		
	WATER SOFTENER		
	WASHER (AUTO) (DISH)		
	GARBAGE DISPOSAL		
	LAUNDRY TRAY		
	KITCHEN SINK		
	WATER CLOSET		
	LAVATORY		
	SHOWER		
	BATH TUB		
	WATER HEATER		
	SEWAGE DISPOSAL		
	HOUSE SEWER		
	GAS PIPING		
	PERMIT FEE		
	TOTAL		

	LANDSCAPE 1200-7750	USE ZONE		JOB ADDRESS 1201 E 6th St				OWNER	
9300-8660 SEWER CONNECT FEE				USE OF BUILDING					VALUATION
1200-8502 PLAN CHECK FEE		FIRE ZONE		LEGAL DESCRIPTION					DATE
1200-7750 MECHANICAL FEE		CHECKED BY							SUPP. TO PERMIT
1200-7750 CONSTRUCTION FEE		GROUP	TYPE	BOND $	BOND	CASH	FILE NO.	FINAL DATE 4-16-99	INSPECTOR/APPROVAL K Hall
1200-7750 ELECTRICAL FEE	40.00	SPEC. INSP.							
1200-7750 PLUMBING FEE		PLAN CHECKED							
9350-8521 SIGNALIZATION		1200-7750 GRADING							
1200-7740 INVESTIGATION		1200-8502 S.M.I.P.							
1200-8502 G.P.F.		9350-8520 B.S.F.F.							

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 180 DAYS. CESSATION OF WORK FOR 180 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.

I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE ORDINANCES OF THE CITY OF BEAUMONT AND THE STATE OF CALIFORNIA. I ALSO AGREE TO CARRY COMPENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE WITH LAWS OF THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARANTEED.

CONTRACTOR	OWNER
ADDRESS	ADDRESS
LICENSE NO. 21224	7206
TEL. NO.	TEL. NO.

TOTAL FEES $ 40.00

CASH | CHECK X | M.O. | N.C.

RECEIVED BY

BMT-34 (Rev 1/96)

INFORMATION

DEPARTMENT OF BUILDING & SAFETY
CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

CONSTRUCTION ESTIMATE			
	Sq Feet	Rate	Value

ESTIMATED VALUATION		
NO.	MECHANICAL FEES	
	Vent System: Hood ☐ Fan ☐ Evap. Cool ☐	
	Furnace: Unit ☐ Wall ☐ Floor ☐ Suspended ☐	
	Air Handling Unit	
	Natural Gas Pipe	
	Appliance Vent	
	Forced Heating System	
	Fireplace	
	Misc. Equipment	
	Permit Fee	
	TOTAL	$0.00

NO.	ELECTRICAL FEES	
	Private Pool	
	Distribution Pole	
	Signs	
	Motor 1HP/less	
	Motor >1HP-<10HP	
	Motor >10HP-<50HP	
	Motor >50HP-<100HP	
	Motor >100HP	
	Fixtures-first 20	
	Fixtures-over 20	
	Outlets-first 20	
	Outlets-over 20	
1	Subpanel	$16.25
	Misc Apparatus	
	Residential Appl.	
	Non-Residential Appl.	
	Construction Pole	
	Serv Ent/600Vor<200A	
1	Serv Ent/600Vor<1000A	$55.00
	Serv Ent/>600Vor>1000A	
	Residence per sq.ft.	
1	Permit Fee	$25.00
	TOTAL	$96.25

NO.	PLUMBING FEES	
	Leach System	
	Lateral Connection	
	Drainage Piping	
	Drinking Fountain	
	Urinal	
	Water Piping	
	Floor Drain	
	Washer (Auto)	
	Laundry Tray	
	Kitchen Sink	
	Water Closet	
	Lavatory	
	Shower	
	Bath Tub	
	Water Heater	
	Sewage Disposal	
	House Sewer	
	Gas Piping	
	Grease Interceptor	
	Permit Fee	
	TOTAL	$0.00

E. Area Benefit Dist.		W. Area Benefit Dist.	
Sewer Connect Fee 9100-8660		Demolition Fee 1200-7740	
Plan Check Fee 1200-8502		Fire Station 1200-8502	
Spec. Inspection 1200-7740		Signalization 1200-B502	
Investigation 1200-7740		Construction Fee 1200-7750	
Railroad Crossing 1200-8502		Grading Fee 1200-7750	
Mechanical Fee 1200-7750	$0.00	Plumbing Fee 1200-7750	$0.00
Electrical Fee 1200-7750	$96.25	S.M.I.P. 1200-8502	
G.P.F. 1200-8502		B.S.F.F. 1200-8502	
TOTAL FEES	**$96.25**		
Cash ☐ Check ☐ Check No.			
Received By			

Job Address 1201 E. 6th St.		Owner Patel
Legal Description 418-123-017		Valuation
Group Commercial	Type Repair/Remodel Comm/Indust Bldg.	
Project Description Misc Electric for Laundromat		Date 06/08/2010
Plan Checked	Plan No.	
Inspector / Approval		Final Date 06-01-11
Contractor Pass Developers		State License No. 258840
Address 795 E.6th Street		Business License No. 0516
C/S/Z Beaumont, Ca 92223		Phone 951-845-4923
Owner Sahil-Pragati Partners Llc		
Address 1201 E. 6th St. -Beaumont Market		
C/S/Z Beaumont, Ca 92223		Phone 951-845-1801

PERMIT NUMBER BP2010-618

This permit shall become void if work is not commenced within 180 days. Cessation of work for 180days shall also cause permit to become void. I hereby agree that all work in connection with this permit will be done in accordance with the ordinances of the City of Beaumont and the State of California. I also agree to carry compensation insurance upon my employees. Compliance with laws of the State of California covering contractors is also guaranteed.

Signature of contractor or Authorized Agent — Date: 6-9-10

Signature of Owner (if owner) — Date

DEPARTMENT OF BUILDING & SAFETY
CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

CONSTRUCTION ESTIMATE			
	Sq Feet	Rate	Value

ESTIMATED VALUATION **$1,500.00**

NO.	MECHANICAL FEES	
	Vent System: Hood Fan Evap. Cool	
	Furnace: Unit Wall Floor Suspended	
	Air Handling Unit	
	Natural Gas Pipe	
	Appliance Vent	
	Forced Heating System	
	Fireplace	
	Misc. Equipment	
	Permit Fee	
	TOTAL	**$0.00**

NO.	ELECTRICAL FEES	
	Private Pool	
	Distribution Pole	
	Signs	
	Motor 1HP/less	
	Motor >1HP-<10HP	
	Motor >10HP-<50HP	
	Motor >50HP-<100HP	
	Motor >100HP	
	Fixtures-first 20	
	Fixtures-over 20	
	Outlets-first 20	
	Outlets-over 20	
	Subpanel	
	Misc Apparatus	
	Residential Appl.	
	Non-Residential Appl.	
	Construction Pole	
	Serv Ent/600Vor<200A	
	Serv Ent/600Vor<1000A	
	Serv Ent/>600Vor>1000A	
	Residence per sq.ft.	
	Permit Fee	
	TOTAL	**$0.00**

NO.	PLUMBING FEES	
	Leach System	
	Lateral Connection	
	Drainage Piping	
	Drinking Fountain	
	Urinal	
	Water Piping	
	Floor Drain	
	Washer (Auto)	
	Laundry Tray	
	Kitchen Sink	
	Water Closet	
	Lavatory	
	Shower	
	Bath Tub	
	Water Heater	
	Sewage Disposal	
	House Sewer	
	Gas Piping	
	Grease Interceptor	
	Permit Fee	
	TOTAL	**$0.00**

E. Area Benefit Dist.		W. Area Benefit Dist.	
Sewer Connect Fee 9100-8660		Demolition Fee 1200-7740	
Plan Check Fee 1200-8502		Fire Station 1200-8502	
Spec. Inspection 1200-7740		Signalization 1200-B502	
Investigation 1200-7740		Construction Fee 1200-7750	$54.00
Railroad Crossing 1200-8502		Grading Fee 1200-7750	
Mechanical Fee 1200-7750	$0.00	Plumbing Fee 1200-7750	$0.00
Electrical Fee 1200-7750	$0.00	S.M.I.P. 1200-8502	$0.50
G.P.F. 1200-8502		B.S.F.F. 1200-8502	
TOTAL FEES			**$54.50**

Cash Check Check No.

Received By

Job Address 1201 1/2 E Sixth St	Owner
Legal Description 418-123-003	Valuation $1,500
Group Residential	Type Repair/Remodel Comm/Indust Bldg.
Project Description Billbaord Maintenance	Date 06/14/2007
Plan Checked	Plan No.
Inspector / Approval [signature]	Final Date 12-27-07
Contractor	State License No.
Address	Business License No.
C/S/Z	Phone
Owner Lamar Advertising	
Address 3500 Tachevah # B	
C/S/Z Palm Springs 92264	Phone 760-413-7517

PERMIT NUMBER BP2007-1879

This permit shall become void if work is not commenced within 180 days. Cessation of work for 180days shall also cause permit to become void. I hereby agree that all work in connection with this permit will be done in accordance with the ordinances of the City of Beaumont and the State of California. I also agree to carry compensation insurance upon my employees. Compliance with laws of the State of California covering contractors is also guaranteed.

Signature of contractor or Authorized Agent — Date — Signature of Owner (if owner) [signature] — Date 06/14/07

DEPARTMENT OF BUILDING & SAFETY

CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

WHITE — CUSTOM

Previous permit for Naegele was addressed:
1201½ E. 6th
418-120-015
(permit # 1248 12/6/77

CONSTRUCTION ESTIMATE

1ST FL.		SQ. FT. @	
2ND FL.		SQ. FT. @	
POR.		SQ. FT. @	
GAR.		SQ. FT. @	
CAR P.		SQ. FT. @	
WALL		SQ. FT. @	
		SQ. FT. @	

ESTIMATED VALUATION $

MECHANICAL FEES

COMMERCIAL ONLY

VENT SYSTEM ☐ FAN ☐ EVAP. COOL ☐ HOOD		
APPLIANCE		
FURNACE ☐ UNIT ☐ WALL ☐ FLOOR ☐ SUSPENDED		
AIR HANDLING UNIT		
GAS PIPE ☐ NATURAL ☐ L.P.G. ☐ OIL		
APPLIANCE VENT		
HEATING SYSTEM ☐ FORCED ☐ GRAVITY		
PERMIT FEE		
TOTAL		

E.I.R. FEE

ELECTRICAL

NO.		
	POLES	
	SIGNS	
	MOTOR	
	MOTOR	
	MOTOR	
	MOTOR	
	MOTOR	
	FIXTURES	
	OUTLETS	
	SUB-PANEL	
	RANGE AND/OR OVEN	
	WATER HEATER	
	SPACE HEATER	
	CONSTRUCTION POLE	
	SERVICE ENTRANCE	
	RESID. 1¢ SQ. FT.	
	GARAGE ½¢ SQ. FT.	
	PERMIT FEE	
	TOTAL	

PLUMBING

	WATER CLOSET	
	LAVATORY	
	SHOWER	
	BATH TUB	
	WATER HEATER	
	SEWAGE DISPOSAL	
	HOUSE SEWER	
	GAS PIPING	
	PERMIT FEE	
	TOTAL	

CURBS & GUTTERS	FENCE	LANDSCAPE	GRADING	EXCAVATION			

SET BACK F	SET BACK S	SET BACK R	LOT SIZE	USE ZONE

JOB ADDRESS

OWNER

SEWER CONNECT FEE

USE OF BUILDING

FIRE ZONE

PLAN CHECK FEE

COMMUNITY

VALUATION

CHECKED BY

MECHANICAL FEE

LEGAL DESCRIPTION

DATE

GROUP | TYPE

CONSTRUCTION FEE

SUPP. TO PERMIT

SPEC. INSP.

ELECTRICAL FEE

BOND $	BOND	CASH	FILE NO.	FINAL DATE	INSPECTOR/APPROVAL
				8/25/83	J Turner

PLAN CHECKER

PLUMBING FEE

TOTAL FEES $

CASH		CHECK		M.O.		N.C.	

RECEIVED BY

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS. CESSATION OF WORK FOR 180 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.

I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE ORDINANCES OF THE CITY OF BEAUMONT AND THE STATE OF CALIFORNIA. I ALSO AGREE TO CARRY COMPENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE WITH LAWS OF THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARANTEED.

INFORMATION

CONTRACTOR	OWNER
ADDRESS	ADDRESS
TEL NO.	TEL NO.
LICENSE NO.	

N9 2977

Called in SCE 8/24/83

DEPARTMENT OF BUILDING & SAFETY

CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

INSPECTION COPY

CONSTRUCTION ESTIMATE

1ST FL.		SQ. FT. @	
2ND FL.		SQ. FT. @	
POR.		SQ. FT. @	
GAR.		SQ. FT. @	
CAR P.		SQ. FT. @	
WALL		SQ. FT. @	
		SQ. FT. @	

ESTIMATED VALUATION | $

MECHANICAL FEES

COMMERCIAL ONLY

VENT SYSTEM ☐ FAN ☐ EVAP. COOL ☐ HOOD		
APPLIANCE		
FURNACE ☐ UNIT ☐ WALL ☐ FLOOR ☐ SUSPENDED		
AIR HANDLING UNIT		
GAS PIPE ☐ NATURAL ☐ L.P.G. ☐ OIL		
APPLIANCE VENT		
HEATING SYSTEM ☐ FORCED ☐ GRAVITY		
PERMIT FEE		
TOTAL		

E.I.R. FEE

ELECTRICAL FEES

NO.			
	POLES		
	SIGNS	20	16
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	FIXTURES		
	OUTLETS		
	SUB-PANEL		
	RANGE AND/OR OVEN		
	WATER HEATER		
	SPACE HEATER		
	CONSTRUCTION POLE		
	SERVICE ENTRANCE		
	RESID. 1¢ SQ. FT.		
	GARAGE ½¢ SQ. FT.		
	PERMIT FEE	4	00
	TOTAL	24	16

PLUMBING FEES

NO.			
	DRAINAGE PIPING		
	DRINKING FOUNTAIN		
	URINAL		
	WATER PIPING		
	FLOOR DRAIN		
	WATER SOFTENER		
	WASHER (AUTO) (DISH)		
	GARBAGE DISPOSAL		
	LAUNDRY TRAY		
	KITCHEN SINK		
	WATER CLOSET		
	LAVATORY		
	SHOWER		
	BATH TUB		
	WATER HEATER		
	SEWAGE DISPOSAL		
	HOUSE SEWER		
	GAS PIPING		
	PERMIT FEE		
	TOTAL		

CURBS & GUTTERS	FENCE	LANDSCAPE	GRADING	EXCAVATION			

SET BACK: F | S | R

LOT SIZE

USE ZONE: M-1

SEWER CONNECT FEE

FIRE ZONE

PLAN CHECK FEE

CHECKED BY: J

MECHANICAL FEE

GROUP | TYPE

CONSTRUCTION FEE: 40.00

SPEC. INSP.

ELECTRICAL FEE: 24.16

PLAN CHECKER

PLUMBING FEE

TOTAL FEES | $ 64.16

CASH | CHECK | M.O. | N.C.

RECEIVED BY

JOB ADDRESS

OWNER: Naegele Outdoor

USE OF BUILDING: 1201 ½ E 6TH Sign

COMMUNITY

VALUATION: 8,000.00

LEGAL DESCRIPTION

DATE: 12/6/77

SUPP. TO PERMIT

BOND $ | BOND | CASH | FILE NO. 416-120-015 | FINAL DATE | INSPECTOR/APPROVAL

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS. CESSATION OF WORK FOR 120 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.

I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE ORDINANCES OF THE CITY OF BEAUMONT AND THE STATE OF CALIFORNIA. I ALSO AGREE TO CARRY COMPENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE WITH LAWS OF THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARANTEED.

INFORMATION

New Sign 14X48
1201½ E. 6ths

CONTRACTOR: Naegele Outdoor Adv

ADDRESS: 4129 E. Palm Canyon
Palm Springs

TEL NO.

LICENSE NO. 324-1826

OWNER

ADDRESS

TEL NO.

1248

DEPARTMENT OF BUILDING & SAFETY

CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

WHITE – CUSTOMER COPY
BLUE – FILE COPY
CANARY – ENVELOPE COPY
PINK – ASSESSOR COPY
MANILA – INSPECTION COPY

CONSTRUCTION ESTIMATE

1ST FL.		SQ. FT. @	
2ND FL.		SQ. FT. @	
POR.		SQ. FT. @	
GAR.		SQ. FT. @	
CAR P.		SQ. FT. @	
WALL		SQ. FT. @	
		SQ. FT. @	

ESTIMATED VALUATION $

MECHANICAL FEES

	VENT SYSTEM ☐ FAN ☐ EVAP. COOL ☐ HOOD		
	APPLIANCE		
	FURNACE ☐ UNIT ☐ WALL ☐ FLOOR ☐ SUSPENDED		
	AIR HANDLING UNIT		
	GAS PIPE ☐ NATURAL ☐ L.P.G. ☐ OIL		
	APPLIANCE VENT		
	HEATING SYSTEM ☐ FORCED ☐ GRAVITY		
	PERMIT FEE		
	TOTAL		

E.I.R. FEE

ELECTRICAL FEES

NO.			
	POLES		
	SIGNS		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	FIXTURES		
	OUTLETS		
	SUB-PANEL		
	RANGE AND/OR OVEN		
	WATER HEATER		
	SPACE HEATER		
	CONSTRUCTION POLE		
	SERVICE ENTRANCE		
	RESID 3½¢ SQ. FT.		
	PERMIT FEE		
	TOTAL		

PLUMBING FEES

NO.			
	LATERAL CONNECTION		
	DRAINAGE PIPING		
	DRINKING FOUNTAIN		
	URINAL		
	WATER PIPING		
	FLOOR DRAIN		
	WATER SOFTENER		
	WASHER (AUTO) (DISH)		
	GARBAGE DISPOSAL		
	LAUNDRY TRAY		
	KITCHEN SINK		
	WATER CLOSET		
	LAVATORY		
	SHOWER		
	BATH TUB		
	WATER HEATER		
	SEWAGE DISPOSAL		
	HOUSE SEWER		
	GAS PIPING		
	PERMIT FEE		
	TOTAL		

	LANDSCAPE 1200-7750	USE ZONE	JOB ADDRESS				OWNER	
9300-8660 SEWER CONNECT FEE			USE OF BUILDING					VALUATION
1200-8502 PLAN CHECK FEE		FIRE ZONE	LEGAL DESCRIPTION					DATE
1200-7750 MECHANICAL FEE		CHECKED BY						SUPP. TO PERMIT
1200-7750 CONSTRUCTION FEE		GROUP / TYPE	BOND $	BOND	CASH	FILE NO.	FINAL DATE 9-28-01	INSPECTOR/APPROVAL Kadel
1200-7750 ELECTRICAL FEE		SPEC. INSP.						
1200-7750 PLUMBING FEE		PLAN CHECKED						
9350-8521 SIGNALIZATION	1200-7750 GRADING							
1200-7740 INVESTIGATION	1200-8502 S.M.I.P.							
1200-8502	9350-8520							

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 180 DAYS. CESSATION OF WORK FOR 180 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.

I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE ORDINANCES OF THE C[illegible] BEAUMONT AND THE STATE OF CALIFORNIA. I ALSO AGREE TO CARR[illegible] PENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE WITH LA[illegible] THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARAN[illegible]

CONTRACTOR

OWNER

BUILDING PERMIT

CITY OF BEAUMONT, CALIF.
BUILDING DEPARTMENT

№ 4966

July 8 19__

$ 36.00

Permission is hereby granted Pass Investment Group

Address 101 Myrtle Drive Beaumont

To Construct a Coin Operated Car Wash

Lot Stn 1 Block 91 Tract

Street Address 560 Pennsylvania Avenue

Entire Cost of building or improvement $ 2000.00 Area 1st Floor (Square Feet) 1568.5 No. Stories

Contractor Jack Taylor Address 1390 26th St

★ *WARNING - 1. Check location and depth of Sewer Line. 2. Curb and Gutter to be installed as required by Ordinance 327 before final inspection will be granted. 3. Building Lot must have boundary stakes placed by a licensed Surveyor.*

SUBJECT TO STANDARDS
SET UP BY 1961 UBC

Bldg 24.00
Check 18.00
$36.00

This permit is based upon certain plans and specifications of said work and written application all duly filed in this office, all of which are hereby referred to and made a part hereof; and is subject to all the rules and regulations set forth in the ordinances of the City of Beaumont, and the laws of the State of California, in regard to such work, and all amendments thereto.

AUG 2 1965

Denver W Bldg MBG, Building Inspector

WARNING

Check Location and Depth of Sewer Line

AUG 2 1965

PLUMBING PERMIT (Receipt)
CITY OF BEAUMONT, CALIF. № 4328

PERMISSION IS HEREBY GRANTED TO Beaumont, Calif., July 23 1965

Mr. Pass Investment - J Taylor

Job Location: Lot Stn 1 Block 91 House No. 560 Street Penn. Ave

Miscellaneous Comp Bldg - Car Wash Bldg

To do—Sanitary Plumbing $ 1.25 Gas Piping $ 1.50 Gas Water Heater $ 1.50

Gas Water Heater Vent $ 1.50 House Sewer $ — Cess Pool or Septic Tank $ —

Work only as indicated by application on file numbered and dated the same as this permit, accordance with and subject to all the provisions of the Building and Plumbing Ordinances of the City of Beaumont.

No refund of fee allowed on this permit reason whatsoever.

Item 8.

DEPARTMENT OF BUILDING & SAFETY

CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

INSPECTION COPY

CONSTRUCTION ESTIMATE

1ST FL.		SQ. FT. @	
2ND FL.		SQ. FT. @	
POR.		SQ. FT. @	
GAR.		SQ. FT. @	
CAR P.		SQ. FT. @	
WALL		SQ. FT. @	
		SQ. FT. @	

ESTIMATED VALUATION $

MECHANICAL FEES

COMMERCIAL ONLY

VENT SYSTEM ☐ FAN ☐ EVAP. COOL ☐ HOOD		
APPLIANCE		
FURNACE ☐ UNIT ☐ WALL ☐ FLOOR ☐ SUSPENDED		
AIR HANDLING UNIT		
GAS PIPE ☐ NATURAL ☐ L.P.G. ☐ OIL		
APPLIANCE VENT		
HEATING SYSTEM ☐ FORCED ☐ GRAVITY		
PERMIT FEE		
TOTAL		

E.I.R. FEE

ELECTRICAL FEES

NO.			
	POLES		
	SIGNS		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	MOTOR H.P.		
	FIXTURES		
	OUTLETS		
	SUB-PANEL		
	RANGE AND/OR OVEN		
	WATER HEATER		
	SPACE HEATER		
	CONSTRUCTION POLE		
	SERVICE ENTRANCE	2	00
	RESID. 1¢ SQ. FT.		
	GARAGE ½¢ SQ. FT.		
	PERMIT FEE	3	00
	TOTAL	5	00

PLUMBING FEES

NO.			
	DRAINAGE PIPING		
	DRINKING FOUNTAIN		
	URINAL		
	WATER PIPING		
	FLOOR DRAIN		
	WATER SOFTENER		
	WASHER (AUTO) (DISH)		
	GARBAGE DISPOSAL		
	LAUNDRY TRAY		
	KITCHEN SINK		
	WATER CLOSET		
	LAVATORY		
	SHOWER		
	BATH TUB		
	WATER HEATER		
	SEWAGE DISPOSAL		
	HOUSE SEWER		
	GAS PIPING		
	PERMIT FEE		
	TOTAL		

CURBS & GUTTERS	FENCE	LANDSCAPE	GRADING	EXCAVATION

SET BACK: F | S | R

LOT SIZE

USE ZONE: M-2

FIRE ZONE: 2

CHECKED BY

GROUP | TYPE

SPEC. INSP.

PLAN CHECKER

SEWER CONNECT FEE

PLAN CHECK FEE

MECHANICAL FEE

CONSTRUCTION FEE

ELECTRICAL FEE 5.00

PLUMBING FEE

TOTAL FEES $ 5.00

CASH | CHECK ✓ | M.O. | N.C.

RECEIVED BY

+ 796 1 U.S.

INFORMATION

JOB ADDRESS: 560 Pennsylvania

OWNER: Dave Williams Plumbing

USE OF BUILDING: ELECTRICAL

COMMUNITY

VALUATION: $ - 300 -

LEGAL DESCRIPTION

DATE: 5-4-76

SUPP. TO PERMIT

BOND $	BOND	CASH	FILE NO.	FINAL DATE	INSPECTOR/APPROVAL

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS. CESSATION OF WORK FOR 120 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.

I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE ORDINANCES OF THE OF BEAUMONT AND THE STATE OF CALIFORNIA, I ALSO AGREE TO C COMPENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE LAWS OF THE STATE OF CALIFORNIA COVERING CONTRACTORS IS GUARANTEED.

CONTRACTOR

OWNER

991

Item 8.

CITY OF BEAUMONT

REQUEST FOR INSPECTION

Job Address Penn & 6th Date 3/23

Owner Knudsen Time 11:20

Contractor ..... Rec'd. by CJ

Grading	Elec.	Final Elec. .....
Foundation	Plbg.	Final Plbg. .....
Steel	Sewer	Final Gas .....
Framing	Lath	Final Bldg. .....
Masonry	Roof	.....

Comments Steel inspection
Please inspect by noon.

Requested for Mon. (Tues.) Wed. Thurs. Fri. a.m. ..... p.m. .....

Requested by ..... Assigned .....

UILDING & SAFETY
EAUMONT
CALIFORNIA

WHITE — CUSTOMER COPY
BLUE — FILE COPY
CANARY — ENVELOPE COPY
PINK — ASSESSOR COPY
MANILA — INSPECTION COPY

ELECTRICAL FEES				PLUMBING FEES	NO.			
ES								
NS						DRAINAGE PIPING	5	00
						DRINKING FOUNTAIN		
TOR	H.P.					URINAL		
TOR	H.P.					WATER PIPING	2	50
TOR	H.P.					FLOOR DRAIN		
TOR	H.P.					WATER SOFTENER		
TOR	H.P.					WASHER (AUTO) (DISH)		
TURES		5	00			GARBAGE DISPOSAL		
TLETS		2	50			LAUNDRY TRAY		
-PANEL						KITCHEN SINK		
						WATER CLOSET		
COMMERCIAL	GAS PIPE ☐ NATURAL ☐ L.P.G. ☐ OIL			RANGE AND/OR OVEN		LAVATORY		
	APPLIANCE VENT			WATER HEATER		SHOWER		
	HEATING SYSTEM ☐ FORCED ☐ GRAVITY			SPACE HEATER		BATH TUB		
				CONSTRUCTION POLE		WATER HEATER		
				SERVICE ENTRANCE		SEWAGE DISPOSAL		
	PERMIT FEE			RESID. 1¢ SQ. FT.		HOUSE SEWER		
	TOTAL			GARAGE ½¢ SQ. FT.		GAS PIPING		
E.I.R. FEE				PERMIT FEE	10	00	PERMIT FEE	10	00
				TOTAL	17	50	TOTAL	17	50

CURBS & GUTTERS 1200-7750	LANDSCAPE 1200-7750	USE ZONE	JOB ADDRESS 560 Pennsylvania				OWNER G. Knudsen	
9300-8660 SEWER CONNECT FEE 750.00			USE OF BUILDING 1 car wash bay				VALUATION 12,0	
1200-8540 PLAN CHECK FEE 60.12		FIRE ZONE	LEGAL DESCRIPTION				DATE	
1200-7750 MECHANICAL FEE		CHECKED BY					SUPP. TO PERMIT	
1200-7750 CONSTRUCTION FEE 92.50		GROUP / TYPE	BOND $	BOND	CASH	FILE NO.	FINAL DATE	INSPECTOR/APPROVAL
1200-7750 ELECTRICAL FEE 17.50		SPEC. INSP.						
1200-7750 PLUMBING FEE 17.50		PLAN CHECKED						
1200-8525 LAND USE CLEARANCE	1200-7750 GRADING							
1200-7750 EVCAVATION	1200-8510 S.M.I.P. .50							
1200-8315 G.P.F.	9350-8520 B.S.F.F.							

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS. CESSATION OF WORK FOR 180 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.

I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE ORDINANCES OF THE CITY OF BEAUMONT AND THE STATE OF CALIFORNIA. I ALSO AGREE TO CARRY COMPENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE WITH LAW THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARANT

CONTRACTOR	OWNER
ADDRESS	ADDRESS

DEPARTMENT OF BUILDING & SAFETY
CITY OF BEAUMONT
BEAUMONT, CALIFORNIA

CONSTRUCTION ESTIMATE			
	Sq Feet	Rate	Value

ESTIMATED VALUATION		
NO.	MECHANICAL FEES	
	Vent System: Hood ___ Fan ___ Evap. Cool ___	
	Furnace: Unit ___ Wall ___ Floor ___ Suspended ___	
	Air Handling Unit	
	Natural Gas Pipe	
	Appliance Vent	
	Forced Heating System	
	Fireplace	
	Misc. Equipment	
	Permit Fee	
	TOTAL	$0.00

NO.	ELECTRICAL FEES		NO.	PLUMBING FEES	
	Private Pool			Leach System	
	Distribution Pole			Lateral Connection	
	Signs			Drainage Piping	
	Motor 1HP/less			Drinking Fountain	
	Motor >1HP-<10HP			Urinal	
	Motor >10HP-<50HP			Water Piping	
	Motor >50HP-<100HP			Floor Drain	
	Motor >100HP			Washer (Auto)	
	Fixtures-first 20			Laundry Tray	
	Fixtures-over 20			Kitchen Sink	
	Outlets-first 20			Water Closet	
	Outlets-over 20			Lavatory	
	Subpanel			Shower	
	Misc Apparatus			Bath Tub	
	Residential Appl.			Water Heater	
	Non-Residential Appl.			Sewage Disposal	
	Construction Pole			House Sewer	
	Serv Ent/600Vor<200A			Gas Piping	
1	Serv Ent/600Vor<1000A	$55.00		Grease Interceptor	
	Serv Ent/>600Vor>1000A				
	Residence per sq.ft.				
1	Permit Fee	$25.00		Permit Fee	
	TOTAL	$80.00		TOTAL	$0.00

E. Area Benefit Dist.		W. Area Benefit Dist.	
Sewer Connect Fee 9100-8660		Demolition Fee 1200-7740	
Plan Check Fee 1200-8502		Fire Station 1200-8502	
Spec. Inspection 1200-7740		Signalization 1200-B502	
Investigation 1200-7740		Construction Fee 1200-7750	
Railroad Crossing 1200-8502		Grading Fee 1200-7750	
Mechanical Fee 1200-7750	$0.00	Plumbing Fee 1200-7750	$0.00
Electrical Fee 1200-7750	$80.00	S.M.I.P. 1200-8502	
G.P.F. 1200-8502		B.S.F.F. 1200-8502	
TOTAL FEES	$80.00		

Job Address 560 Pennsylvania Avenue		Owner
Legal Description 418-123-011		Valuation
Group Commercial	Type Repair/Remodel Comm/Indust Bldg.	
Project Description 200 amp pane change		Date 12/08/2008
Plan Checked	Plan No.	
Inspector / Approval		Final Date 12-09-08
Contractor Amped Electric		State License No. 814960
Address 1320 Drake Ridge Crest		Business License N
C/S/Z Redlands, CA 92373		Phone 909-798-88
Owner Beaumont Autowash		
Address		

APPENDIX D

ISA CHECKLIST

DRAFT

Initial Site Assessment (ISA) Checklist

Project Information

District 8 County San Bernardino Route N/A Kilometer Post (Post Mile) N/A
Federal PN ___

Description: Proposed Pennsylvania Avenue Widening and Grade Separation Project

Is the project on the HW Study Minimal-Risk Projects List (HW1)? No

Project Manager: Stephanie Oslick phone # 562-426-9551, ext. 25191

Project Engineer: _____ phone #_

Project Screening

Attach the project location map to this checklist to show location of all know and/or potential HW sites identified.

1. Project Features: New R/W? No. Excavation? Yes Railroad Involvement? Yes.

   Structure demolition/modification? Yes. Subsurface utility relocation? Unknown.

2. Project Setting: Pennsylvania Avenue, I-10 Bridge, and Union Pacific Railroad

   Rural or Urban: Urban

   Current land uses: Road and railroad

   Adjacent land uses: Primarily vacant land, I-10 Bridge, commercial properties

3. Check federal, State, and local environmental and health regulatory agency records as necessary, to see if any known hazardous waste site is in or near the project area. If a known site is identified, show its location on the attached map and attach additional sheets, as needed, to provide pertinent information for the proposed project.

4. Conduct Field Inspection. Date August 20, 2018
   Use the attached map to locate potential or known HW sites.

   STORAGE STRUCTURES / PIPELINES:

   Underground tanks None Observed Surface tanks None Observed
   Sumps None Observed Ponds None Observed
   Drums None Observed Basins None Observed
   Transformers One pole-mounted transformer Landfill None Observed
   Other None Observed

Initial Site Assessment (ISA) Checklist

(continued)

CONTAMINATION: (spills, leaks, illegal dumping, etc.)

Surface staining None Observed Oil sheen None Observed

Odors None Encountered Vegetation damage None observed

Other None Observed

HAZARDOUS MATERIALS: (asbestos, lead, etc.)

Buildings Yes Spray-on fireproofing No

Pipe wrap No Friable tile No

Acoustical plaster No Serpentine None Observed

Paint Yes Other Yes (brace pads)

5. Additional record search, as necessary, of subsequent land uses that could have resulted in a hazardous waste site. Use the attached map to show the location of potential hazardous waste sites.

6. Other comments and/or observations: See attached ISA Report

ISA Determination

- Does the project have potential hazardous waste involvement? Yes. If there is known or potential hazardous waste involvement, is additional ISA work needed before task orders can be prepared for the Investigation? No. If "YES," explain; then give an estimate of additional time required:

  Refer to Section 8.0 for Conclusions and Recommendations

A brief memo should be prepared to transmit the ISA conclusions to the Project Manager and Project Engineer.

ISA Conducted by: Meredith Church Date 8-23-2018
Leighton Consulting, Inc.

APPENDIX E

GBA GEOENVIRONMENTAL REPORT

DRAFT

Important Information about This Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental

professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change*, sometimes suddenly, due to any number of events, not the least of which include occurrences at adjacent sites. Recognize, too, that *even some conditions in tested areas may go undiscovered,* because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

Do Not Permit Any Other Party To Rely on the Report

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care. Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not "boilerplate."* They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

Membership in the Geoprofessional Business Association exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your GBA-member geoenvironmental professional for more information.

GEOPROFESSIONAL BUSINESS ASSOCIATION

8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@geoprofessional.org www.geoprofessional.org

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Appendix G

Santa Ana Region MS4 Permit Program, Draft Low Impact development: Guidance and Standards for Transportation Projects, Pennsylvania Avenue Roadway Widening

Santa Ana Region MS4 Permit Program

Draft

Low Impact Development:

Guidance and Standards for Transportation Projects

Pennsylvania Avenue Roadway Widening

CIP No. 2017-009

Prepared for:

City of Beaumont

550 E. 6th Street

Beaumont, CA 92223

Prepared by:

Kimley-Horn and Associates, Inc.

765 The City Drive, Suite 200

Orange, CA 92868

March 25, 2020

Project Certification

This report has been completed in compliance with the *Low Impact Development: Guidance and Standards for Transportation Projects*, prepared to comply with the Santa Ana Region MS4 Permit requirements applicable to Transportation Projects. The signatory of this document attests to the technical information contained herein and the date upon which recommendations, conclusions, and decisions have been based. I find this report to be complete, current, and accurate:

Name: Jeff Hart

Title: Public Works Director

Agency: City of Beaumont

Date: March 25, 2020

Section 1: Introduction

Overview

The federal Clean Water Act (CWA) establishes requirements for the discharge of urban runoff from Municipal Separate Storm Sewer Systems (MS4) under the National Pollutant Discharge Elimination System (NPDES) program. On January 29, 2010, the Santa Ana Regional Water Quality Control Board (RWQCB) issued Permit Order No. R8-2010-0033 ("MS4 Permit") to authorize the discharge of urban runoff from MS4 facilities in Riverside County within the Santa Ana Region MS4 Permit area.

The MS4 Permit requires development of a standard design and post-development Best Management Practices (BMP) guidance to guide application of Low Impact Development (LID) BMPs to the maximum extent practicable (MEP) on Streets, roads or highways under the jurisdiction of the Permittees used for transportation of automobiles, trucks, motorcycles, and other vehicles. The Santa Ana Region MS4 Permit Program prepared the *Low Impact Development: Guidance and Standards for Transportation Projects* ("Guidance") to provide direction to Transportation Project owners and operators regarding how to address MS4 Permit requirements for public works Transportation Projects within their jurisdiction.

The LID-based BMP techniques contained within this document are based on information provided by a variety of sources, including the *Design Handbook for Low Impact Development Best Management Practices* prepared by the Riverside County Flood Control and Water Conservation District, Environmental Protection Agency's (USEPA) Municipal Handbook, *Managing Wet Weather with Green Infrastructure: Green Streets*, and the *Low Impact Development Manual for Southern California* prepared for the Southern California Stormwater Monitoring Coalition, in cooperation with the State Water Resources Control Board, by the Low Impact Development Center. This Guidance also provides links and references to other sources of information regarding the application of LID-based BMPs to Transportation Projects (Section 6). This referenced material should be used by the project owner/operator as appropriate to support the use of this template during the project design phase.

This template was prepared to provide a tool for project proponents to (1) determine the applicability of the Guidance to a proposed Transportation Project; (2) provide a process for evaluating the feasibility of using LID-based techniques in the proposed project; and (3) establish a template for documenting the project evaluation process and the decisions made regarding the feasibility to incorporate LID-based BMPs into the design of the project. Users should review the Guidance before applying this template to a proposed project.

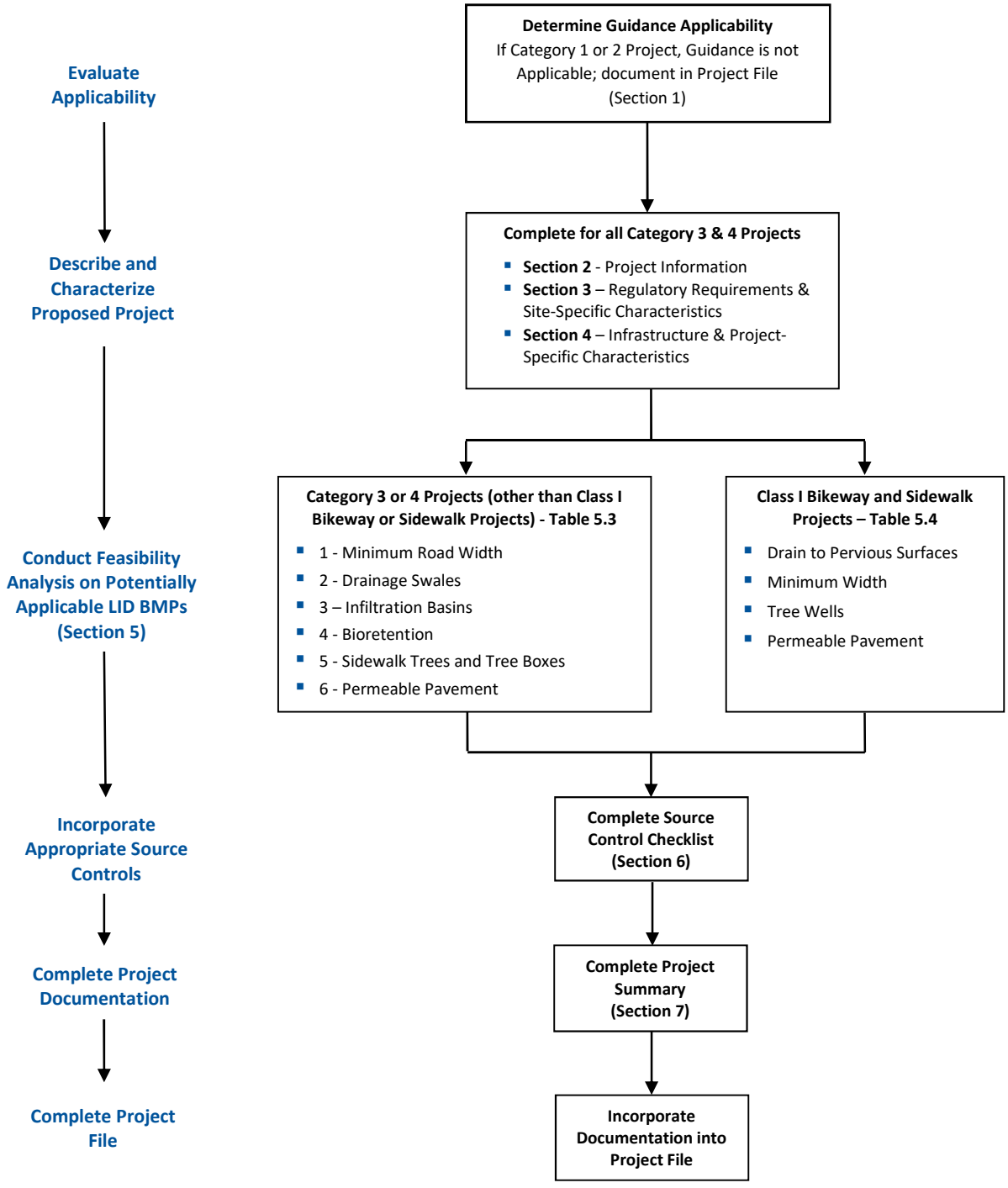
Guidance Applicability

Table 1.1 summarizes the applicability of the Guidance to Transportation Projects. If the Guidance applies to the proposed project, this template should be used to evaluate the feasibility of incorporating LID-based BMPs into the project design. Figure 1-1 illustrates the process for completing the template. Refer to this figure as needed to ensure that all steps are completed.

Table 1.1. Transportation Project Guidance Applicability

The Transportation Project Guidance applies to the following projects: • Public Transportation Projects in the area covered by the Santa Ana Region MS4 Permit, which involve the construction of new transportation surfaces or the improvement of existing transportation surfaces (including Class I Bikeways and sidewalks).
The Transportation Project Guidance does not apply to the following projects that are either exempt or covered by other MS4 Permit requirements: • Transportation Projects that have received CEQA approval by the effective date of this Guidance • Emergency Projects, as defined by this Guidance (see Section 2 of the Guidance) • Maintenance Projects, as defined by this Guidance (see Section 2 of the Guidance) • Dirt or gravel roads • Transportation Projects that are part of a private new development or significant redevelopment project and required to prepare a Water Quality Management Plan (WQMP) • Transportation Projects subject to other MS4 Permit requirements, e.g., California Transportation Department (Caltrans) oversight projects, cooperative projects with an adjoining County or an agency outside the jurisdiction covered by the Santa Ana Region MS4 Permit

Figure 1-1. Process to Complete Transportation Project BMP Template



Section 2: Project Information

The purpose of this section is to provide general project information and a description of the proposed project. The description should have sufficient detail to identify the project location, project boundaries and size, and, if classified as a Category 3 Project, the basis for the subcategorization (Capacity vs. Non-Capacity Roadway Improvement Project or non-adjoining Class I Bikeway or Sidewalk Project).

Table 2.1 - Project Characteristics

Project Name	Pennsylvania Avenue Roadway Widening				
Project Owner/Operator (Agency)	City of Beaumont				
Project Contact Name:	Jeff Hart				
Mailing Address:	550 E. 6th Street Beaumont, CA 92223	E-mail Address:	jhart@beaumontca.gov	Telephone:	951-769-8520

Project Category	Check the box for the applicable Project Category *(See Table 2-1 in Guidance)* ☒ Category 3 – Existing Transportation Project ☐ Category 4 – New Transportation Project	
Check the appropriate boxes below, based on the Project Category checked above		
Category 3	☒ Roadway Capacity Improvement Project	☒ Lane additions ☐ Bridge project ☐ Grade separation project ☐ Other project type
	☐ Non-Capacity Roadway Improvement Project	☐ Shoulder improvements ☐ Parking lane improvements ☐ Turn pocket addition ☐ Signal project that adds a turn lane ☐ Horizontal alignment correction (improve sight distance) ☐ Grade separation project ☐ Passing lane addition ☐ Turn out addition ☐ Other project type
	☐ Class I Bikeway or sidewalk	☐ Improvement to existing Class I Bikeway or sidewalk ☐ Other project type
Category 4	☐ New road project ☐ New bridge project ☐ New Class I Bikeway or sidewalk project	
Project Schedule: Final Design: October 2017 – March 2020 Project Bidding: July 2020 Project Construction: September 2020		

Table 2.2 - Project Description

General Project Description:
The Pennsylvania Avenue Widening Project is located in the City of Beaumont from 1st Street to 6th Street. Pennsylvania Avenue will be widened from a two-lane to four-lane roadway with median turn lanes and storm drain improvements.

Existing drainage patterns generally drain southeast across Pennsylvania Avenue. An existing high point along Pennsylvania Avenue at the Union Pacific railroad (UPRR) tracks separates the project site into two major drainage areas: north of the UPRR tracks and south of the UPRR tracks.

Areas north of the UPRR tracks drain southerly towards existing and proposed curb opening catch basins. An existing 42-inch reinforced concrete pipe (RCP) mainline collects stormwater from north of the Project area approximately 300 feet east of Illinois Avenue west along 6th street to the intersection of 6th St and Pennsylvania Avenue. The existing 42-inch RCP continues southerly along the west side of Pennsylvania Avenue to approximately 100 feet north of the existing Interstate 10 (I-10) off-ramp and stormwater overflows out of a temporary "bubbler" structure consisting of a 60-inch stand pipe. The stormwater then travels west and crosses through the I-10 via 36-inch culverts into natural ditches traveling southeasterly.

An existing drainage ditch located north of the I-10 off-ramp collects runoff from the existing off-ramp and outlets to an existing headwall at the bottom of the off-ramp. The stormwater then travels south along an existing 18-inch CMP (proposed 24-inch RCP would replace 18-inch CMP) connecting to a catch basin along the east side of Pennsylvania Avenue just south of the I-10 overpass. Stormwater along the east side of Pennsylvania Avenue north of the UPRR tracks and stormwater collected along the west side of Pennsylvania Avenue south of the "bubbler" is also collected and conveyed via the 18-inch CMP. The storm drain then continues south and terminates at a headwall just south of the I-10 on-ramp. The stormwater then travels southeast into natural ditches.

Areas south of the UPRR tracks flows southeast via four existing cross culverts underneath Pennsylvania Avenue. Between the UPRR tracks and 1st Street, runoff drains south along Pennsylvania Avenue and into natural ditches southeast of the project. Proposed inlets and cross culvert extensions are provided as part of the roadway widening improvements to collect stormwater from the roadway.

The widening project will be constructed in two phases: an interim condition and an ultimate condition. The difference between the two phases is construction completed within existing right-of-way and expanded right-of-way. This report evaluates the total disturbed area for the ultimate condition.

Project Area (ft^2):	253,955	Project Length (ft):	2,772	Coordinates of the approximate center of the project:	Latitude: 39.926 Longitude: -116.966

For Category 3 & 4 projects, complete the information below.

Describe how the existing surface footprint will be modified, if applicable	Pennsylvania Avenue will be widened on both sides (east and west). The additional pavement will increase impervious area to the north and south of I-10.

Describe how the capacity of the existing transportation surface (if any) will be improved	The proposed project improvements are capacity increasing. The proposed project will add an additional lane in each direction, 2 lanes northbound and 2 lanes southbound. Turn lanes at intersections will also improve traffic flow.
For a Class I Bikeway or sidewalk project, describe how the existing surface will be improved	N/A

Section 3: Regulatory Requirements & Site-Specific Characteristics

Describe the regulatory requirements and site-specific characteristics associated with the project site that can influence the selection of LID-based BMPs. Attach supporting information, as needed.

Table 3.1 – Regulatory Requirements & Site-Specific Characteristics

Regulatory Requirements

Consult Local Implementation Plan(s) to document pollutants of concern based on impaired waters listings or TMDL implementation requirements.	The receiving waters that the project outlets to are Potrero Creek, San Jacinto River Reach 3, Canyon Lake, San Jacinto Reach 1, and then Lake Elsinore. Potrero Creek, San Jacinto River Reach 3, Canyon Lake, San Jacinto River Reach 1 are not listed as impaired water bodies for any pollutants within the San Jacinto River Region. Lake Elsinore is listed as an Impaired Water Body for DDT, nutrients, organic enrichment/low dissolved oxygen, and toxicity within the San Jacinto River Region. At times of large storm events, Lake Elsinore spills to join the Santa Ana River via Temescal Creek which adds the following receiving waters: Santa Ana River Reach 2 and Santa Ana River Reach 1. These bodies of water are not listed as impaired water bodies for any pollutants. The State Water Resources Control Board *Trash Amendments* require full trash capture.
Document any known CEQA conditions, Multi-Species Habitat Conservation Plan, California Fish & Game Code Section 1600, CWA Section 401, or CWA Section 404 requirements	The project is in the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) area. Jurisdictional waters are believed to exist adjacent to the project site (east).

Site-Specific Characteristics

Drainage Area (ft^2)	<table><tr><th>*Drainage Area Name*</th><th>*Area (sf)*</th><th>*Drainage Area Name*</th><th>*Area (sf)*</th></tr><tr><td>**DMA-A**</td><td>2,208</td><td>**DMA-F**</td><td>45,113</td></tr><tr><td>**DMA-B**</td><td>19,084</td><td>**DMA-G**</td><td>52,440</td></tr><tr><td>**DMA-C**</td><td>24,012</td><td>**DMA-H**</td><td>449</td></tr><tr><td>**DMA-D**</td><td>16,385</td><td>**DMA-I**</td><td>392</td></tr><tr><td>**DMA-E**</td><td>29,459</td><td></td><td></td></tr></table>
Existing Site Impervious Area (ft^2)	147,668
Expected Post-Project Impervious Area (ft^2)	253,955
Hydrologic Soil Group* *Describe hydrologic soil group and associated infiltration characteristics, if known*	The existing site is comprised of a combination of soil type B and D according to plate C-1.19 from the RCFC & WCD Hydrology Manual. Preliminary soil samples indicate poor soil infiltration within the project area, therefore soil type D is used for analysis. See Appendix A for the Hydrologic Soils Group map.
Expected Infiltration Characteristics *Describe known infiltration characteristics based on soil group or soil test data (attach if such data are available)*	Based on preliminary boring and infiltration tests performed by Kleinfelder, the infiltration rate of six test locations at 18 to 60 inches in depth came out to be a range of 0.01 to 0.07 in/hr. See Appendix B for the draft Materials Report.

Natural Sediment Load Characteristics *Describe local sediment characteristics that could impact selection or functionality of BMPs*	While there are sediment loads associated with the cross culverts along Pennsylvania Avenue, the BMPs collect stormwater runoff from the street surface which does not receive sediment load.
Depth to Groundwater *Determine depth to groundwater, if known*	Depth to groundwater is approximately 446 from existing ground surface (bgs) which corresponds to an approximate elevation of 2,154 feet . This data was obtained from the California Department of Water Resources Water Data Library and is reported in the draft Materials Report (see Appendix B).

* See soils section of the Flood Control District's Hydrology Manual
http://floodcontrol.co.riverside.ca.us/downloads/planning/Hydrology%20Manual%20-%20Complete.pdf

Section 4: Infrastructure & Project-Specific Characteristics

Describe the existing infrastructure and project-specific characteristics associated with the project site that can influence the selection of LID-based BMPs. Attach supporting information, as needed; insert N/A for any element that is not applicable to the proposed project.

Table 4.1 - Infrastructure & Project-Specific Characteristics

Programmatic & Funding Restrictions	
Project Funding *Provide information regarding project funding*	Project Budget: $600,000
	Funding Source: Transportation Uniform Mitigation Fee (TUMF) Program and City of Beaumont
	Are there any limitations or restrictions on the use of dedicated funds: ☒ Yes; if this box checked, explain limitations TUMF Program funding portion is subject to specific reimbursement elements as indicated in the TUMF Program Reimbursement Agreement. ☐ No
Programmatic Constraints *Identify any programmatic or regulatory constraints, e.g., Americans with Disabilities Act; need for emergency access, etc.*	Does the project require compliance with other programmatic, regulatory, or code requirements that may affect application of BMPs? ☐ Yes; ☒ No
Impaired Waters & TMDL Requirements	
Regulatory Constraints *Describe applicable BMP specific requirements to address impaired water related concerns*	Identify the MS4 Local Implementation Plan(s) consulted: Riverside County Flood Control and Water Conservation District Local Implementation Plan Santa Ana Region Order No. R8-2010-003 (June 20, 2019) Does the applicable LIP(s) identify any BMP requirements that need to be implemented in the project area: ☒ Yes; describe the BMP requirements and how they have been addressed in the project design. The hierarchy for BMPs as detailed in the 2010 SAR Permit are as follows: 1. Infiltration BMPs 2. Harvest and Use BMPs 3. Bioretention BMPs 4. Biotreatment BMPs There are no TMDLs and other impairments in the nearest significant receiving Waters of the U.S. The California State Water Resources Control Board adopted the *Trash Amendments* that require full trash capture under the NPDES MS4 permit. ☐ No
Right-of-Way (ROW)	

ROW Constraints *Describe potential ROW constraints to BMP implementation*	The project will need to acquire right-of-way along the east and west sides of Pennsylvania Avenue.
Drainage Connectivity	
Connectivity Constraints *Based on drainage features of the project site, describe potential constraints to BMP implementation*	BMPs chosen will directly connect to the proposed catch basins along Pennsylvania Avenue.

Table 4.1 - Infrastructure & Project-Specific Characteristics

Utilities	
Utility Constraints *Identify any utility-related constraints*	Does the project have any utility constraints that that may affect application of BMPs? ☐ Yes; if this box checked, explain constraints ☒ No
Resource Availability	
Irrigation Water *Describe availability of irrigation water to support BMPs that require establishment of landscaping*	A 24-inch water transmission main, with no known services, is available on Pennsylvania Avenue, between 1st Street and 6th Street.
Power *Describe availability of power to support use of an irrigation system*	Southern California Edison overhead electrical distribution lines, with no known services, is available with the water quality treatment area.
Estimated Road Use	
Vehicle Load *Describe the expected vehicle loads, e.g., H-20 truck loads, that will use the transportation surface after project completion*	The City of Beaumont Transit System operates 3 different bus routes that travels along Pennsylvania Avenue. Pennsylvania Avenue is also a dedicated truck route as posted along the street.
Maximum Allowable Speed (MAS) *Describe expected speed of vehicles on completed transportation surface; if variable, provide the MAS for different project elements*	The posted speed limit is 35 miles per hour.
Roadside Parking Requirements *Describe any minimum requirements associated with design of roadside parking areas*	There is no roadside parking.
Capacity Design (Average Daily Traffic, ADT). Is the ADT ≥ 25,000?	☒ Yes ☐ No

Section 5: BMP Feasibility Analysis

Section 5.1 - Overview

Projects categorized as a Category 3 or Category 4 shall incorporate the following site design BMP principles to the maximum extent feasible:

- Conservation of natural areas to the extent feasible
- Minimization of the impervious footprint
- Minimization of disturbances to natural drainage
- Design and construction of pervious areas to receive runoff from impervious areas
- Use of landscaping that minimizes irrigation and runoff, promotes surface infiltration, and minimizes the use of pesticides and fertilizers

The extent to which these design principles may be incorporated into a project through the use of BMP techniques depends on the project type and the project-specific feasibility analysis. This section provides a stepwise approach for evaluating the feasibility to incorporate LID-based BMPs into a proposed project. Table 5.1 identifies the BMPs required for evaluation in relation to the project category or type. Based on the box checked the project reviewer is directed to the appropriate table for subsequent analyses. Table 5.2 provides sources for BMP planning and design information that may be considered for use in Transportation Projects. Table 5.3 provides a checklist for LID BMP feasibility analysis for Category 3 or 4 projects, and Table 5.4 provides a similar checklist applicable to Class I Bikeway or Sidewalk Projects analysis.

Section 5.2 – BMP References

To support completion of the feasibility analyses for each LID-based BMP in Table 5.3, Table 5.2 provides sources for BMP design information that may be considered for use in Transportation Projects. These information sources are intended to guide decision-making with regards to making feasibility determinations about the efficacy of incorporating LID-based BMPs in the project design. Additional general information regarding the use of LID-based BMPs in Transportation Projects may be found in Section 6.C of the Guidance.

The resource information provided in Table 5.2 does not represent an exhaustive list of source material regarding LIP-based BMPs; in fact, new information regarding how to design LID-based BMPs is regularly published. In addition, this information is not to be used as a substitute for development of engineering designs appropriate to the project site.

Table 5.1 - LID BMP Evaluation Requirements

Check the appropriate box. The LID BMPs listed within each category must be included in the feasibility analysis

☒ **Category 3 or 4 (other than a Class I Bikeway or sidewalk project)**	☐ **Class I Bikeway or Sidewalk Project**
▪ 1 - Minimum Road Width ▪ 2 - Drainage Swales ▪ 3 – Infiltration Basins ▪ 4 - Bioretention ▪ 5 - Sidewalk Trees and Tree Boxes ▪ 6 - Permeable Pavement	▪ Drain to Pervious Surfaces ▪ Minimum Width ▪ Use of Tree Wells ▪ Permeable Pavement

- If the Category 3 or 4 box was checked above, complete the feasibility analysis for each of the LID BMPs in Table 5.3
- If the Class I Bikeway or Sidewalk project box was checked, complete Table 5.4

Table 5.2 – BMP Design Information

LID-based BMP Information Source	Minimum Street Width	Drainage Swales	Infiltration Basins	Bioretention	Sidewalk Trees & Tree Boxes	Permeable Pavement
Riverside County Flood Control and Water Conservation District Design Handbook for Low Impact Development Management Practices http://rcflood.org/NPDES/LIDBMP.aspx	--	--	Section 3.1	Section 3.5	Section 3.5, p. 5[1]	Section 3.3
Low Impact Development Manual for Southern California: Technical Guidance and Site Planning Strategies http://www.casqa.org/LID/SoCalLID/tabid/218/Default.aspx	--	pp. 137-138	--	pp. 68-84	p. 71[1]	pp. 83-113
U. S. EPA Municipal Handbook: Green Streets, Managing Wet Weather with Green Infrastructure[2] http://water.epa.gov/infrastructure/greeninfrastructure/upload/gi_munichandbook_green_Streets.pdf	pp. 2-4	--	--	--	--	--
County of San Diego, Low Impact Development Handbook: Stormwater Management Strategies http://www.sdcounty.ca.gov/dplu/docs/LID-Handbook.pdf (General Information) http://www.sdcounty.ca.gov/dplu/docs/LID-Appendices.pdf (Fact Sheets)	Fact Sheet 14, 15	--	--	Fact Sheets 15, 19	--	pp. 46-51, Fact Sheets 8, 9, 10
County of Los Angeles Low Impact Development Standards Manual. January 2009. http://dpw.lacounty.gov/wmd/LA_County_LID_Manual.pdf	--	--	--	--	pp. 49-52[1]	pp. 53-57
City of Santa Barbara Storm Water BMP Guidance Manual http://www.santabarbaraca.gov/Resident/Community/Creeks/Storm_Water_Management_Program.htm	--	Section 6.6.2	--	Section 6.6.1	Section 6.9.2[1]	Section 6.8
Caltrans Treatment Control BMP Technology Report http://www.dot.ca.gov/hq/env/stormwater/annual_report/2008/annual_report_06-07/attachments/Treatment_BMP_Technology_Rprt.pdf	--	p. D-5	--	pp. B-11 – B-12	pp. B-7 – B-10	--
Evaluation of Best Management Practices for Highway Runoff Control: *Low Impact Development Design Manual for Highway Runoff Control* http://www.coralreef.gov/transportation/evalbmp.pdf	--	Section 14	--	Section 5	--	Section 10

[1] Information focuses on design of planter boxes

[2] Handbook provides information on all LID types except Infiltration Basins, but information is general in nature

Table 5.3 – LID BMP Feasibility Analysis 1 – Minimum Road Widths	
1.a - Does the project need to meet jurisdictional code or General Plan requirements for minimum road widths?	☒ Yes; if checked, describe requirements Roadway sections were determined by using City of Beaumont Standard Plan lane widths. ☐ No
1.b – Based on the findings of 1.a., determine if this BMP can be applied to the project. If applicable, describe how it was incorporated into the project design.	☒ Applicable, describe design features incorporating this BMP; include in Table 7.1 The City of Beaumont General Plan Circulation Element classifies Pennsylvania Avenue as a major roadway with 4 travel lanes. The proposed project widening will meet the minimum roadway classification standards and this BMP requirement. ☐ Not Applicable, describe basis for decision (e.g., project requirements, traffic or pedestrian safety concerns)

Table 5.3 – LID BMP Feasibility Analysis
2 – Drainage Swales

2.a – Are there any programmatic constraints that prevent the use of this BMP, *e.g., Americans with Disabilities Act; need for emergency access, funding restrictions, etc.? See Section 3.b of the Guidance.*	☐ Yes; if checked, provide basis for finding and STOP; this BMP is infeasible ☒ No; BMP is potentially feasible, continue to 2.b
2.b - Considering grade and need for drainage connectivity, is there sufficient ROW for proper swale installation?	☐ No; if checked, provide basis for finding ☒ Yes
2.c - Can drainage swales be sized large enough to capture site run-on and redirect it into the drainage system?	☐ No; if checked, provide basis for finding ☒ Yes
2.d - Are existing soil characteristics sufficient to support infiltration such that nuisance or vector conditions are not created by any ponded water that may occur?	☒ No; if checked, provide basis for finding Poor infiltration. See Appendix B for the draft Materials Report. ☐ Yes
• If "No" is checked for 2.b, 2.c, or 2.d, then STOP - this BMP is infeasible; attach appropriate documentation support as needed • If "Yes" is checked for 2.b, 2.c, and 2.d, then this BMP is potentially feasible, continue on to 2.e and 2.f	
2.e - Are irrigation water and power available to support vegetation in swale during dry periods?	☐ No; if checked, provide basis for finding ☐ Yes
2.f - If irrigation water and power are not available, can the site support native vegetation that does not require irrigation?	☐ No; if checked, provide basis for finding ☐ Yes
• If "No" is checked for 2.e and 2.f, this BMP is infeasible • If "Yes" is checked for 2.e or 2.f, then this BMP is potentially feasible; continue to 2.g	
2.g – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	☐ Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☐ No
2.h – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	☐ Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☐ No
2.i – Is there long-term funding available to maintain this BMP?	☐ Yes ☐ No
• If any of the findings from 2.g, 2.h or 2.i prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed • If the findings from 2.g., 2.h, and 2.i do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1	

Table 5.3 – LID BMP Feasibility Analysis
3 – Infiltration Basins

3.a – Are there any programmatic constraints that prevent the use of this BMP, *e.g., Americans with Disabilities Act; need for emergency access, funding restrictions, etc.? See Section 3.b of the Guidance.*	☐ Yes; if checked, provide basis for finding and STOP; this BMP is infeasible ☒ No; BMP is potentially feasible, continue to 3.b
3.b - Do appropriate soil conditions exist at the project site to allow effective infiltration consistent with a drawdown period, not to exceed 72 hours?	☒ No; if checked, provide basis for finding Poor infiltration. See Appendix B for the draft Materials Report. ☐ Yes
3.c - Is there at least 10 feet separation between the planned basin invert and the measured groundwater elevation?	☐ No; if checked, provide basis for finding ☒ Yes
3.d- Is there at least 100 feet separation from the proposed basin(s) and any known water supply wells?	☐ No; if checked, provide basis for finding ☒ Yes
3.e - Is the underlying soil and/or groundwater free from any known contamination?	☐ No; if checked, provide basis for finding ☒ Yes
3.f - Is there sufficient space to size or place an infiltration basin that: • Has slopes that are no steeper than 4:1, and • Is located at least 100 feet from bridge structures?	☐ No; if checked, provide basis for finding ☒ Yes
3.g - For a project area that has high vehicular traffic (25,000 or more average daily traffic), can the planned infiltration basin meet the MS4 Permit's pretreatment of runoff requirements?	☐ No; if checked, provide basis for finding ☒ Yes
3.h - Can an infiltration basin be incorporated into the site plan in a manner that does not create traffic or pedestrian safety concerns?	☐ No; if checked, provide basis for finding ☒ Yes
3.i - Does inclusion of an infiltration basin detract from the aesthetics of the roadway or project area that cannot be mitigated?	☒ No; if checked, provide basis for finding An infiltration basin will compliment the surrounding project area well since there is existing open space to the east and west of Pennsylvania Avenue. ☐ Yes
• If "No" is checked for any of the above questions (3.b – 3.i), this BMP is infeasible • If "Yes" is checked for all of the above (3.b - 3.i), then this BMP is potentially feasible; continue to 3.j	
3.j – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	☐ Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☐ No
3.k – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	☐ Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☐ No
3.l – Is there long-term funding available to maintain this BMP?	☐ Yes ☐ No
• If any of the findings from 3.j, 3.k or 3.l prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed • If the findings from 3.j., 3.k, and 3.l do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1	

Table 5.3 – LID BMP Feasibility Analysis
4 – Bioretention

4.a – Are there any programmatic constraints that prevent the use of this BMP, *e.g., Americans with Disabilities Act; need for emergency access, funding restrictions, etc.? See Section 3.b of the Guidance.*	☐ Yes; if checked, provide basis for finding and STOP; this BMP is infeasible ☒ No; BMP is potentially feasible, continue to 4.b
4.b - Is there sufficient ROW to consider curb extensions?	☐ No; if checked, provide basis for finding ☒ Yes
4.c - Is there sufficient ROW to consider sidewalk planters?	☐ No; if checked, provide basis for finding ☒ Yes
4.d – Is there sufficient space to consider using the road median for bioretention?	☒ No; if checked, provide basis for finding Pennsylvania Avenue is being designed as Major Highway - B, which does not include a raised median. ☐ Yes
• If "No" is checked for 4.b, 4.c and 4.d, then STOP - this BMP is infeasible; attach appropriate documentation support as needed • If "Yes" is checked for 4.b, 4.c or 4.d, then this BMP is potentially feasible, continue on to 4.e	
4.e – Can the site be designed so that median, curb extensions or sidewalk planters tie into the existing drainage at the project site?	☐ No; if checked, provide basis for finding ☒ Yes
• If "No" is checked for 4.e, then STOP - this BMP is infeasible; attach appropriate documentation support as needed • If "Yes" is checked for 4.e, then this BMP is potentially feasible, continue on to 4.f and 4.g	
4.f - Are irrigation water and power available to support bioretention area or sidewalk planters?	☒ No; if checked, provide basis for finding There are no water and power services readily available. ☐ Yes
4.g - If irrigation water and power are not available, can the site support native vegetation that does not require irrigation?	☐ No; if checked, provide basis for finding ☒ Yes The climate for this project location typically reaches high temperatures that do not support the growth of native vegetation. However, there are propriety BMPs that do not need to be connected to irrigation. Therefore, an underground bioretention BMP can be supported without irrigation.
• If "No" is checked for 4.f and 4.g, then STOP - this BMP is infeasible • If "Yes" is checked for 4.f or 4.g, then this BMP is potentially feasible; continue on to 4.h	
4.h – Based on anticipated traffic capacity and MAS applicable to the project site, are there any traffic or pedestrian safety concerns that prevent application of this BMP?	☐ Yes; if checked, provide basis for finding ☒ No
• If "Yes" is checked for 4.h this BMP is infeasible • If "No" is checked for 4.h, then this BMP is potentially feasible; continue to 4.i.	
4.i – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	☐ Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☒ No
4.j – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	☐ Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☒ No
4.j – Is there long-term funding available to maintain this BMP?	☒ Yes ☐ No

- If any of the findings from 4.i, 4.j or 4.k prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed
- If the findings from 4.i, 4.j, and 4.k do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1

Table 5.3 – LID BMP Feasibility Analysis
5 – Sidewalk Trees and Tree Boxes

5.a – Are there any or programmatic constraints that prevent the use of this BMP, *e.g., Americans with Disabilities Act; need for emergency access, funding restrictions, etc.? See Section 3.b of the Guidance.*	☐ Yes; if checked, provide basis for finding and STOP; this BMP is infeasible ☒ No; BMP is potentially feasible, continue to 5.b
5.b - Is there sufficient ROW to incorporate sidewalk trees or tree boxes into the project site?	☐ No; if checked, provide basis for finding ☒ Yes

- If "No" is checked for 5.b, then STOP - this BMP is infeasible; attach appropriate documentation support as needed
- If "Yes" is checked for 5.b, then this BMP is potentially feasible, continue on to 5.c and 5.d

5.c - Are irrigation water and power available to support vegetation in the bioretention area or sidewalk planters?	☒ No; if checked, provide basis for finding There are no water and power services readily available. ☐ Yes
5.d - If irrigation water and power are not available, can the site support native vegetation that does not require irrigation?	☒ No; if checked, provide basis for finding The climate for this project location typically reaches high temperatures that do not support the growth of native vegetation. ☐ Yes

- If "No" is checked for 5.c and 5.d, then STOP - this BMP is infeasible
- If "Yes" is checked for 5.c or 5.d, then this BMP is potentially feasible; continue on to 5.e

5.e – Based on anticipated traffic capacity and MAS applicable to the project site, are there any traffic or pedestrian safety concerns that prevent application of this BMP?	☐ Yes; if checked, provide basis for finding ☐ No

- If "Yes" is checked for 5.e this BMP is infeasible
- If "No" is checked for 5.e, then this BMP is potentially feasible; continue to 5.f

5.f – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	☐ Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☐ No
5.g – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	☐ Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☐ No
5.h – Is there long-term funding available to maintain this BMP?	☐ Yes ☐ No

- If any of the findings from 5.f, 5.g or 5.h prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed
- If the findings from 5.f, 5.g and 5.h do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1

Table 5.3 – LID BMP Feasibility Analysis
6 – Permeable Pavement

6.a – Are there any or programmatic constraints that prevent the use of this BMP, *e.g., Americans with Disabilities Act; need for emergency access, funding restrictions, etc.? See Section 3.b of the Guidance.*	☐ Yes; if checked, provide basis for finding; STOP, this BMP is infeasible ☒ No; BMP is potentially feasible, continue to 6.b
6.b - Does the planned road project include any of the listed types of impervious surfaces (check all that apply)?	☐ Roadside parking/parking lane ☒ Driveways ☒ Sidewalks, walkways ☐ None of the above
• If "none of the above" is checked in 6.b, then STOP – BMP is infeasible • If any box other than "none of the above" is checked, BMP is potentially feasible; continue to 6.c	
6.c – Will any of the transportation surfaces checked in 6.b be subject to high traffic volume or heavy traffic loads that prevent the use of permeable pavement?	☒ Yes; if checked, provide basis for finding One of the proposed driveways will be subject to truck loads. The remaining driveways will no be subject to heavy traffic loads. ☐ No
6.d – Do the underlying soils at the project site provide adequate infiltration capacity for use of this BMP while not causing structural concerns?	☒ No; if checked, provide basis for finding Poor infiltration. See Appendix B for the draft Materials Report. ☐ Yes
• If "Yes" is checked for 6.c or "No" is checked for 6.d, then STOP - this BMP is infeasible; attach appropriate documentation support as needed • If "No" is checked for 6.c and "Yes" is checked for 6.d, then this BMP is potentially feasible for all impervious surface types checked in 6.b; continue to 6.e • If "Yes" is checked for 6.c and 6.d and "sidewalks, walkways" was checked in 6.b, then this BMP is potentially feasible for sidewalk or walkway elements of the project; continue to 6.e	
6.e – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	☐ No; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☐ Yes
6.f – Will the BMP maintain an adequate service life (at least 5 years) such that the BMP is economically feasible?	☐ No; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☐ Yes
6.g – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	☐ Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP ☐ No
6.h – Is there long-term funding available to maintain this BMP?	☐ Yes ☐ No
• If any of the findings from 6.e, 6.f, 6.g or 6.h prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed • If the findings from 6.e, 6.f, 6.g and 6.h do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1	

Table 5.4 – LID BMP Feasibility Analysis – Class I Bikeway and Sidewalks*

1 - Has the Class I Bikeway or sidewalk been designed to sheet-flow runoff onto adjacent permeable areas in a manner that will maximize opportunities for infiltration and filtration, while not channelizing or causing erosion?	☐ Yes; if checked, provide basis for finding, incorporate BMP into Table 7.1 ☐ No; if checked, provide basis for finding; continue on to Question 2.
2 - Has the Class I Bikeway or sidewalk been designed using the minimum width possible, given expected usage and considering public safety?	☐ Yes; if checked, provide basis for finding; incorporate BMP into Table 7.1; continue on to Questions 3 and 4. ☐ No; if checked, provide basis for finding; continue on to Questions 3 and 4.
3 - If trees are incorporated into the design of the Bikeway or sidewalk, have tree boxes been used?	☐ Yes; if checked, provide basis for finding; incorporate BMP into Table 7.1 ☐ No; if checked, provide basis for finding
4 - Do the underlying soils at the project site provide adequate infiltration capacity for use of some type of permeable pavement?	☐ No; if checked, BMP is infeasible; provide basis for finding ☐ Yes; if checked, continue on to Question 5
5 – Are there any project funding or programmatic constraints that prevent the use of permeable pavement in the project design, *e.g., Americans with Disabilities Act; need for emergency access, funding restrictions, etc.*?	☐ Yes; if checked, BMP is infeasible; provide basis for finding ☐ No; if checked, continue on to Question 6
6 – Are there any maintenance requirements, including long-term funding, that prevent the use of permeable pavement in the project design?	☐ Yes; if checked, BMP is infeasible; provide basis for finding ☐ No; if checked, include permeable pavement in the project design and incorporate the BMP into Table 7.1

***N/A – The proposed project is classified as a Category 3 capacity increasing project. This project does not include a Class 1 Bikeway and sidewalk.**

Section 6: Source Control BMPs

Section 6 identifies source control BMPs potentially applicable to the proposed project. If this is strictly a road project, then only Part 1 needs to be filled out. Part 2 needs to be filled out if the road project includes bike path or sidewalk features adjoining or non-adjoining the road surface, or if the proposed project is only a Class I Bikeway or sidewalk project. The project reviewer should evaluate the applicability of each source control BMP and identify the agency responsible for implementing the BMPs once the project is constructed.

Table 6.1 - Source Control BMPs

Source Control BMP	Check One		If not Included, Provide Basis	If Included, Agency Responsible for Implementation
	Included	Not Included		
Part 1: Category 3 or 4 Projects (other than Class I Bikeway or sidewalk projects)				
Irrigation System and Landscape Maintenance	☐	☒	Irrigation systems and landscape areas are not included in this project.	
Sweeping of Transportation Surfaces adjoining curb and gutter	☒	☐		City of Beaumont
Drainage Facility Inspection and Maintenance	☒	☐		City of Beaumont
MS4 Stenciling and Signage	☒	☐		City of Beaumont
Landscape and Irrigation System Design	☐	☒	Irrigation systems and landscape areas are not included in this project.	
Protect Slopes and Channels	☒	☐		City of Beaumont
Part 2: Class I Bikeway and Sidewalk Projects				
Public Education Program	☐	☐	N/A	
Use of Signage	☐	☐	N/A	
Installation and Maintenance of Trash Bins and Pet Waste Collection Bags	☐	☐	N/A	

Section 7: Project Summary

Table 7.1 summarizes and documents (a) applicability and use of LID-based BMPs in the project design; (b) applicable source control BMPs, and (c) known regulatory requirements that impacted the project design. Fill out the information relevant to the project type and provide supporting information where needed. Continue to Section 8 on the following page for the steps to follow for applicable projects to appropriately size proposed BMP(s).

Table 7.1 – Project Summary (Category 3 & 4 Projects)

☒ **Category 3 or Category 4 Project (other than Class I Bikeway or sidewalk projects)** Summarize the LID BMPs incorporated into the project design (based on the findings of the Table 5.3 - LID BMP Feasibility Analysis). For each LID BMP checked: ▪ Describe briefly how the LID BMP was incorporated; and ▪ Provide references to attachments or design plans (e.g., sheet numbers) where needed to support description	☒ Minimum Road Width The City of Beaumont General Plan Circulation Element classifies Pennsylvania Avenue as a major roadway with 4 travel lanes. See Appendix D for Typical Sections.	
	☐ Drainage Swales	Maintenance Responsibility:
	☐ Infiltration Basins	Maintenance Responsibility:
	☒ Bioretention The high temperatures of the project location reduces the option of implementing effective vegetative bioretention systems. Underground proprietary bioretention devices can be implemented to treat and meet similar water quality standards. According to *CASQA's Low Impact Development Manual for Southern California: Technical Guidance and Site Planning Strategies*, underground BMPs may be used where landscape based BMPs are infeasible. These modular, non-vegetative BMPs provide pollution reduction benefits. Two underground BMPs will be installed at the proposed catch basins on the south end of Pennsylvania Avenue, between 1st Street and UPRR tracks. See Appendix C for BMP exhibit and supplemental calculation sheets. Examples of proprietary BMP configurations and maintenance manuals are also provided. Site specific data and construction plans will be provided at the final submittal.	Maintenance Responsibility: City of Beaumont
	☐ Sidewalk Trees and Tree Boxes	Maintenance Responsibility:
	☐ Permeable Pavement	Maintenance Responsibility:
☐ **Class 1 Bikeway and Sidewalk Projects** Summarize the LID BMPs incorporated into the project design (based on the Table 5.4 - LID BMP Feasibility Analysis). For each BMP checked: ▪ Describe briefly how the LID BMP was incorporated; and ▪ Provide references to attachments or design plans (e.g., sheet numbers) as needed to support description	☐ Drain to Pervious Surfaces	
	☐ Minimum Width	
	☐ Use of Tree Wells	Maintenance Responsibility:
	☐ Permeable Pavement	Maintenance Responsibility:

Table 7.1 – Project Summary (Category 3 & 4 Projects)

Regulatory Requirements Document design elements that address any known regulatory requirements (see Table 3.1); if none, check the N/A box.	☒ Design elements affected by regulatory requirements Describe: Catch basin inserts will be installed at each inlet to capture trash and debris to meet full trash capture as required by the State Water Resources Control Board. ☐ N/A
Source Control BMPs Summarize the applicable source controls and the agency responsible for implementation	The City of Beaumont will be responsible for the following source controls: -Sweeping of Transportation Surfaces adjoining curb and gutter - Drainage Facility Inspection and Maintenance - MS4 Stenciling and Signage - Protect Slopes and Channels
Documentation List all attachments that support this project summary	Appendix A: Hydrologic Soils Group Map for Riverside-West (PLATE C-1.19) Appendix B: Draft Materials Report Appendix C: Site Design BMP Exhibit, BMP details, and Design Capture Flow Calculations, Q_{BMP} – BMP Appendix D: Typical Sections

Section 8: BMP Sizing for Applicable Green Streets Projects

*NOTE: **All** documentation and analyses used in this section shall be provided in Appendix A, Project BMP Sizing Documentation.*

The following steps are used to size previously selected BMPs (e.g. LID and Treatment Control) for **Category 3 and 4** projects:

1. Delineate drainage areas tributary to proposed BMP locations and compute imperviousness.

2. Using the information provided in Table 5.2 above, look up the recommended sizing method for the BMP selected in each drainage area and calculate target sizing criteria (e.g., Design Capture Volume).

3. Using the information provided in Table 5.2 above, appropriately design your BMP(s) per the provided guidance links.

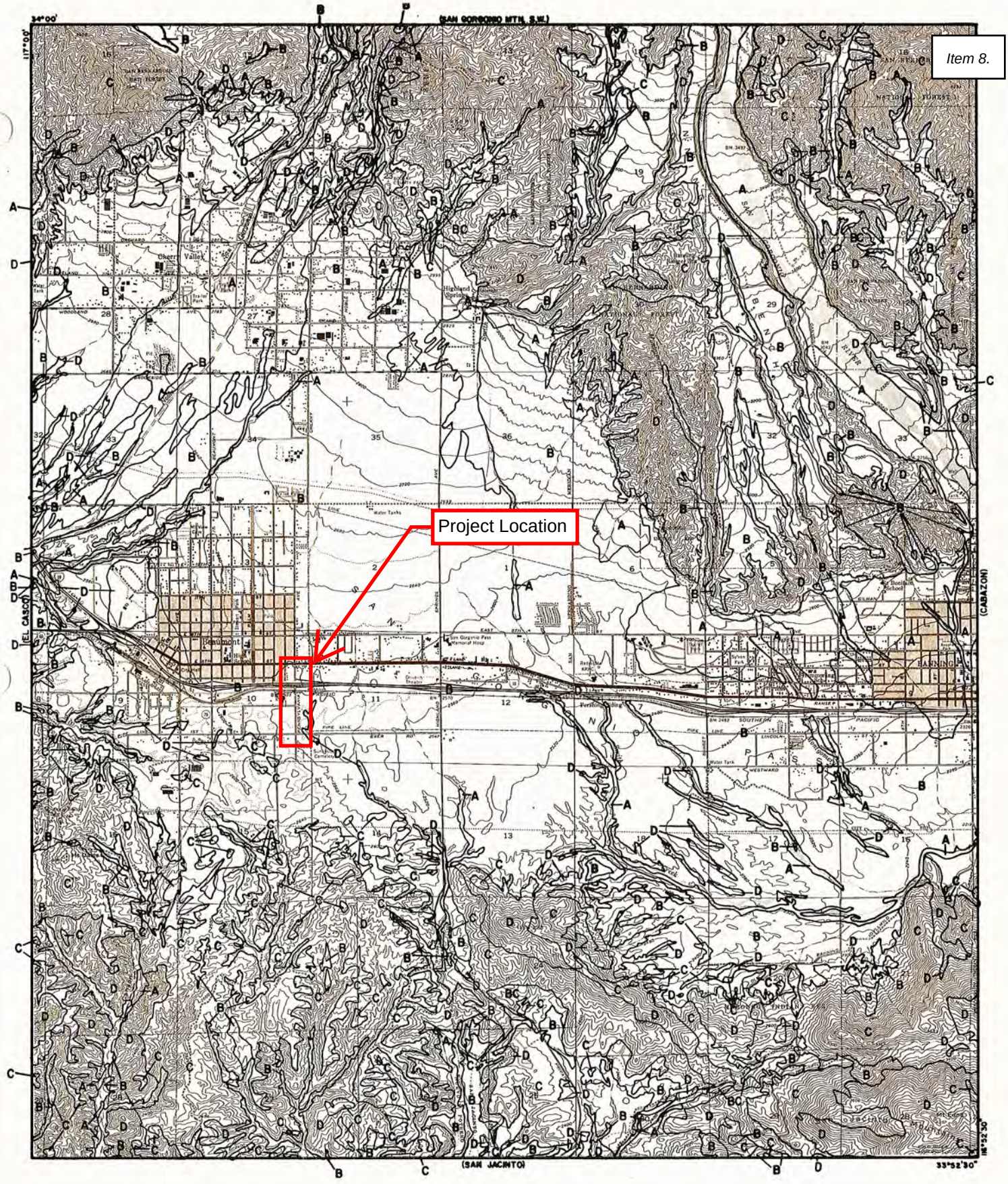
4. Attempt to provide the calculated sizing criteria for the selected BMPs.

5. If sizing criteria cannot be achieved, document the constraints that override the application of BMPs, and provide the largest portion of the sizing criteria that can be reasonably provided given constraints.

If BMPs cannot be sized to provide the calculated volume for the tributary area, it is still essential to design the BMP inlet, energy dissipation, and overflow capacity for the full tributary area to ensure that flooding and scour is avoided. It is strongly recommended that BMPs which are designed to less than their target design volume be designed to bypass peak flows.

For those **Category 4** projects that cannot meet the sizing criteria, notification to the Santa Ana Regional Water Quality Control Board – Inland Stormwater Unit is required. Notification must include a cover letter justifying why your **Category 4** project cannot meet the sizing criteria and needs to include the feasibility analysis used to reach that conclusion. A copy of this notification must also be included in Appendix A, below.

Appendix A: Hydrologic Soil Group Map



LEGEND

—— SOILS GROUP BOUNDARY

A SOILS GROUP DESIGNATION

RCFC&WCD

HYDROLOGY MANUAL

N

0 FEET 5000

HYDROLOGIC SOILS GROUP MAP FOR BEAUMONT

PLATE C-1.19

Appendix B: Draft Materials Report

MATERIALS REPORT
PENNSYLVANIA AVENUE
WIDENING AND INTERCHANGE PROJECT
BEAUMONT, CALIFORNIA
08-RIV-10-PM 8.21
Caltrans EA No. 08-1H870

PREPARED FOR
Kimley-Horn and Associates, Inc.
765 The City Drive, Suite 200
Orange, California, 92868

FEBRUARY 21, 2020

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February 21, 2020
Kleinfelder Project No. 20182242.001A

Kimley-Horn and Associates, Inc.
765 The City Drive, Suite 200
Orange, California, 92868

Attention: Mr. Darren Adrian, PE

SUBJECT: Materials Report
Pennsylvania Avenue Widening and Interchange Project
Beaumont, California
08-RIV-10-PM 8.21
Caltrans EA No. 08-1H870

Dear Mr. Adrian:

Kleinfelder, Inc. (Kleinfelder) is pleased to present this Materials Report (MR) for the proposed Pennsylvania Avenue Widening and Interchange Project located at Interstate 10 in Beaumont, California. This report has been prepared for the Plans, Specifications & Estimate (PS&E) phase of the project. The purpose of this report is to provide findings, conclusions and recommendations related to subsurface soil and groundwater conditions, pavement structural sections, and materials. This report presents design and constructability recommendations based upon a review of available literature and as-built plans, recent subsurface investigation, and laboratory test results. Geotechnical recommendations for other elements of the project will be presented in a separate Geotechnical Design Report (GDR) to be prepared by Kleinfelder in the future.

We appreciate the opportunity to be of service on this project. If you have any questions, comments or require additional information, please do not hesitate to contact the undersigned.

Sincerely,

KLEINFELDER

Zachary S. Jarecki, PE
Project Engineer

Jeff Woon, PE, GE
Senior Project Manager

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B Infiltration Testing
C Laboratory Testing

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1 INTRODUCTION

1.1 BACKGROUND

Interstate 10 (I-10), is a major east-west freeway serving both local and interregional traffic. In an effort to improve traffic operations at the I-10/Pennsylvania Avenue Interchange, the City of Beaumont (City), in cooperation with California Department of Transportation (Caltrans) District 8 is proposing improvements to Pennsylvania Avenue at I-10, including reconfiguration of the westbound off-ramp and construction of a new westbound on-ramp and eastbound off-ramp.

1.2 PROJECT LOCATION AND LIMITS

The project limits are adjacent to I-10 at PM 8.21 within the City of Beaumont in Riverside County, California. The limits of the Pennsylvania Avenue improvements extend from East 6th Street to East 1st Street.

1.3 SCOPE OF SERVICES

The location of the project study area is presented on the attached Figure 1, Site Vicinity Map. Our scope of services performed for this study consisted of a review of pertinent geotechnical and geologic literature, review of Caltrans records relating to existing bridge structures (Log of Test Boring sheets), geotechnical exploration, laboratory testing, engineering analysis based on available data, and preparation of this report. References used for our study are listed at the end of this report.

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2 EXISTING FACILITIES AND PROPOSED IMPROVEMENTS

2.1 EXISTING FACILITIES

The existing facilities in the project area consist of the Pennsylvania Avenue Undercrossing (UC) bridge over I-10, eastbound on-ramp and westbound off-ramp, and Pennsylvania Avenue. An existing railroad is located south of the Pennsylvania Avenue interchange adjacent to an existing commercial property. Residential and commercial properties are located north of the interchange. The areas of the proposed ramps generally consist of undeveloped open land with minor landscaping and native vegetation. Aerial photographs of the site are presented on Figures 2A-2D, Boring Location Map.

The existing Pennsylvania Avenue UC (Bridge Nos. 56-0433L/R) originally consisted of two single-span bridges constructed in 1959 for Pennsylvania Avenue to pass underneath I-10. The bridge was later widened in 1969, effectively connecting the left and right bridges together. The original bridge was constructed with cast-in-place reinforced concrete box girders and the bridge widening was constructed with prestressed concrete girders. The bridge is supported on two abutments with shallow foundations at the abutment walls. The bridge in total currently has a width of approximately 76 feet and a length of approximately 152 feet. The minimum existing vertical clearance is reported as 15.78 feet according to the as-builts.

The existing Pennsylvania Avenue half-interchange currently includes an eastbound on-ramp and a westbound off-ramp (2 ramps total). Each of the two ramps currently carries one lane of traffic. The ramps each have one lane with a width of approximately 12 feet and a shoulder width of approximately 6 feet. Near the interchange, Pennsylvania Avenue currently consists of one lane of traffic in each of the northbound and southbound directions with a center turn lane in the southbound direction just south of bridge. Lane widths appear to be approximately 10 to 11 feet with a shoulder width of 2 feet. South of East 3rd Street (south of the interchange), Pennsylvania Avenue was widened in 2005 to accommodate an additional center turn lane, with one lane of traffic in each direction.

2.2 PROPOSED IMPROVEMENTS

The proposed improvements (Proposed Project) include widening Pennsylvania Avenue to accommodate two lanes of traffic in both the northbound and southbound direction and upgrading the existing half-interchange to a full interchange by reconfiguring the westbound off-ramp and construction of a new westbound on-ramp and eastbound off-ramp. The upgraded interchange

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will provide two lanes at each off-ramp termini including a dedicated left and right turn lane. The westbound on-ramp will be a loop on-ramp with two lanes at the entrance that merge into one lane prior to reaching I-10. Additional improvement will consist of pavement rehabilitation and reconstruction along Pennsylvania Avenue.

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3 PERTINENT REPORTS AND INVESTIGATIONS

Kleinfelder has reviewed the following sources of information in the preparation of this MR:

- Geologic and geotechnical literature including reports, maps, and other documents prepared by the California Geological Survey (CGS), U.S. Geological Survey (USGS), Federal Emergency Management Agency (FEMA), and the County of Riverside.
- Caltrans as-built plans and Logs of Test Borings (LOTBs) for the existing Pennsylvania Avenue UC and agency reports and documents pertinent to the project. As-Built LOTBs for the Pennsylvania Avenue UC are included in Appendix A for reference.

References used for our study are listed in Section 10, References.

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4 PHYSICAL SETTING

4.1 CLIMATE

The climate in the region of the site is generally characterized by dry, hot summers and cool winters. The project alignment lies within the “Inland Valley” Climate Region as defined by the Caltrans Pavement Climate Regions Map (Caltrans, 2005). Climate data for the area was obtained from the National Oceanic and Atmospheric Administration (NOAA) using the 1981-2010 Normals data tool, https://www.ncdc.noaa.gov/cdo-web/datatools/normals. Table 4-1 below presents the normal monthly average precipitation, and minimum, average, and maximum temperature from 1981 to 2010 (U.S. Climate Data, 2019). As shown in Table 4-1, historically December is the coolest month and August is the warmest month.

Table 4-1

Normal Monthly Climate Data

Month	Precipitation (inches)	Minimum Temperature (°F)	Average Temperature (°F)	Maximum Temperature (°F)
January	3.91	40.6	51.9	63.1
February	4.29	40.7	52.6	64.5
March	3.09	41.7	55.2	68.6
April	1.19	44.5	59.4	74.3
May	0.65	50.1	65.5	80.9
June	0.17	54.4	71.9	89.4
July	0.35	60.2	78.3	96.3
August	0.26	60.6	78.7	96.8
September	0.49	56.9	74.2	91.5
October	1.03	50	65.6	81.2
November	1.57	44.4	57.6	70.8
December	2.33	39.7	51.2	62.6

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4.2 TOPOGRAPHY AND DRAINAGE

The project site is located in the southern part of the San Gorgonio Pass, a broad alluvial valley which is bounded by the San Bernardino Mountains to the north, the San Jacinto Mountains to the south, the San Timoteo Badlands to the northwest, and on the west by the San Gabriel Mountains and San Jacinto fault. Regional topography of the area is characterized by a drainage divide in which the valley floor slopes to the east-southeast and west-northwest, with the project site situated near the top of the drainage divide. Northwest of the project site Noble and Little San

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Gorgonio Creeks and other small watershed drainages flow into San Timoteo Creek which is part of the Santa Ana River watershed drainage that flows toward Los Angeles and into the Pacific Ocean. Whereas, to the east of the site, Smith Creek, Montgomery Creek, and the San Gorgonio River flow southeast and south into the Salton Sea.

Within the project limits, the existing surface elevations range from approximately 2,605 feet at the north end near Pennsylvania Avenue and East 6th Street to 2,575 feet in the south near Pennsylvania Avenue and East 1st Street. Elevations referenced in this report refer to the North American Vertical Datum (NAVD88) and were approximated from topography provided by Kimley-Horn.

4.3 MAN-MADE AND NATURAL FEATURES OF SIGNIFICANCE

Existing man-made features of engineering and construction significance to the project include the existing I-10 freeway and interchange. Multiple nearby commercial and residential developments are within the vicinity of the project.

Embankment fills estimated to be on the order of 25 feet thick associated with the original grading for the I-10 Pennsylvania Avenue UC are located within the project area. Numerous underground utilities are located along Pennsylvania Avenue and within the improvement areas.

4.4 REGIONAL GEOLOGY AND SEISMICITY

The project area is located in the San Gorgonio Pass in northern part of Riverside County near the convergence of three major geomorphic provinces, the Transverse Ranges, the Peninsular Ranges, and the Colorado Desert Geomorphic Provinces. The Peninsular Ranges are a series of northwest-southeast trending mountain ranges separated by similarly trending valleys. These mountains and valleys are sub-parallel to the major faults of the area and extend southward beyond the U.S. - Mexican border into Baja California (California Geological Survey [CGS], 2002). The Transverse Ranges are characterized by approximately east-west trending mountain ranges and valleys, varying from 30 to 80 miles wide, which extend about 325 miles from Point Arguello on the west-northwest to the eastern San Bernardino Mountains on the east. The Colorado Desert Province is characterized by the low-lying barren desert basin that is dominated by the Salton Sea. The province is a depressed block between active branches of San Andreas Fault Zone with the Mojave Desert on the east. It extends southerly from the San Gorgonio pass into Mexico.

The San Gorgonio Pass is a deep alluvial-filled basin. Alluvial deposits (unconsolidated and semi-consolidated) underlie the valley in excess of 1,500 feet thick near the middle of the basin (north

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of the project site) and thinning to approximately 900 feet thick beneath the project site. These alluvial deposits, which were shed from the San Bernardino Mountains, consist of mixtures of sand, clayey sand, sandy silt, and gravel. The upper 125 feet of alluvium consist of clayey sand and silty sand layers overlying predominantly layers of sand and gravel (Rewis et al., 2006; Lancaster et al., 2012; Dibblee and Minch, 2003; and Bloyd, 1971). The bedrock beneath the alluvial deposits is comprised of Cretaceous-age metamorphic (metasedimentary) and igneous (granite) rocks (Rewis et al., 2006).

The most significant geologic hazard to the project is considered to be the potential for moderate to strong seismic shaking that is likely to occur during the design life of the proposed project. The project site is located in the highly seismic southern California region within the influence of several fault systems that are considered to be Holocene-active. Faults are considered as Holocene-active (new term in accordance with CGS, 2018) when displacement has occurred within the past 11,700 years (Holocene). Based on the information provided in CGS Special Publication 42 (CGS, 2018), the site is not located within a State-designated Alquist-Priolo (AP) Earthquake Fault Zone where site-specific studies addressing the potential for surface fault rupture are required, and no known active faults are mapped traversing the site. The three nearest active faults have been included in AP zones and are within approximately 6 miles of the project site. These include the Banning and San Gorgonio Pass faults, belonging to the San Andreas Fault System, located to the northeast and east, approximately 3.1 and 3.2 miles, respectively; and the Claremont fault segment of the San Jacinto Fault Zone located approximately 5.9 miles to the southwest. Within the San Gorgonio Pass alluvial valley are several inactive faults which displace Pleistocene-age alluvium and generally form barriers to groundwater flow These include the Beaumont Plain fault (1,800 feet to the west), the Cherry Valley fault (3 miles to the north), the San Timoteo Canyon fault (3.75 miles to the west), and several unnamed buried faults (Rewis et al., 2006; Lancaster et al., 2012; and Dibblee, 1970).

The Banning and San Gorgonio Pass fault splays are east (3.2 miles) and northeast (3.1 miles) of the site and belong to the San Bernardino segment of the San Andres Fault System. The San Bernardino segment is a right-lateral strike-slip fault zone capable of generating a Mw 7.5 earthquake (Cao et al., 2003) and has an estimated slip rate of 19.0 mm/yr (Dawson and Weldon, 2013). The Claremont fault segment of the San Jacinto Fault Zone is a right-lateral strike-slip fault capable of generating a M_w 6.9 earthquake (Cao et al., 2003) and has an estimated slip rate of 12.0 mm/yr (Dawson and Weldon, 2013). It is located approximately 5.9 miles to the southwest along the border of the San Timoteo Badlands and the San Jacinto Valley.

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5 EXPLORATION

Our geotechnical investigation program consisted of subsurface exploration and laboratory testing as discussed below.

5.1 FIELD EXPLORATION

Our subsurface exploration program for the project consisted of advancing 11 soil borings and performing 6 infiltration tests at the project site. The exploratory borings were drilled using the hollow-stem-auger (HSA) drilling method. The infiltration tests were advanced in shallow holes using a hand auger. The borings were advanced to depths ranging from approximately 3 to 51½ feet below existing grades. A Kleinfelder engineer supervised the field operations and logged the borings. Subsurface samples were obtained in the borings at approximately 5-foot intervals, to the maximum depth explored with either a Standard Penetration Test (SPT) sampler or a modified California split-spoon sampler. The samples were visually classified in the field by a Kleinfelder representative using the Unified Soil Classification System (USCS) and general procedures established in ASTM D2488 and the Caltrans Soil and Rock Logging, Classification, and Presentation Manual (Caltrans, 2010). Field classifications and boring logs were revised as necessary based on laboratory test results and reviews by a Kleinfelder registered Geotechnical Engineer. At the conclusion of drilling, the borings were backfilled with soil cuttings and patched with quick-set concrete, as necessary.

The boring locations and depths explored are summarized in Table 5-1. The boring locations are shown on Figures 2A-2D, Boring Location Map. The boring logs and additional details regarding our field exploration are presented in Appendix A, Field Exploration.

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Table 5-1

Exploration Summary

Boring No.	Completion Date	Hammer Efficiency[1,2]	Approx. Ground Surface Elev.[3] (ft)	Drilled Depth (ft)	Groundwater Elevation[4] (ft)	Applicable Project Improvement
A-19-001	11-12-19	82	2,605	3.0[5]	NE	Penn. Avenue Improvements
A-19-002	11-11-19	82	2,601	11.5	NE	Westbound Ramps, Penn. Avenue Improvements
A-19-003	11-13-19	82	2,601	16.5	NE	Infiltration, Westbound Ramps
A-19-004	11-13-19	82	2,604	31.5	NE	Westbound Ramps
A-19-005	11-13-19	82	2,602	31.5	NE	Westbound Ramps
A-19-006	11-11-19	82	2,605	26.5	NE	Eastbound off-ramp
A-19-007	11-11-19	82	2,597	51.5	NE	Eastbound off-ramp, Penn. Avenue Improvements
A-19-008	11-12-19	82	2,591	16.5	NE	Penn. Avenue Improvements
A-19-009	11-11-19	82	2,588	16.5	NE	Infiltration, Penn. Avenue Improvements
A-19-010	11-11-19	82	2,587	16.5	NE	Penn. Avenue Improvements
A-19-011	11-12-19	82	2,578	16.5	NE	Infiltration, Penn. Avenue Improvements
INF-1	11-13-19	N/A	2,601	5.0	NE	Infiltration
INF-2	11-13-19	N/A	2,600	5.0	NE	Infiltration
INF-3	11-13-19	N/A	2,588	5.0	NE	Infiltration
INF-4	11-12-19	N/A	2,588	5.0	NE	Infiltration
INF-5	11-12-19	N/A	2,577	5.0	NE	Infiltration
INF-6	11-12-19	N/A	2,578	5.0	NE	Infiltration

Notes: [1]Hollow stem auger method using an auto-hammer. [2] N/A – not applicable. [3] Elevation is approximate and based on topographic data provided by Kimley Horn. [4] NE – not encountered. [5] Boring A-19-001 was advanced using a hand auger only due to underground utility conflicts.

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5.2 GEOLOGIC MAPPING

No geologic mapping was performed for this project, beyond a site reconnaissance. Our services did include review of existing geologic maps.

5.3 GEOPHYSICAL STUDIES

At some of the boring locations, geophysical methods were used to help identify potential underground utility conflicts prior to drilling. However, more advanced geophysical studies were not necessary and therefore were not within our scope of work for this project.

5.4 INSTRUMENTATION

Installation of instrumentation was not necessary and therefore was not within our scope of work for this project.

5.5 EXPLORATION NOTES

All of the borings reached the planned drilling depth except for Boring A-19-001. Due to the number and location of the underground utilities within Pennsylvania Avenue near Boring A-19-001, the boring was advanced using a hand auger to 3 feet. Additional details regarding our field exploration are provided in Appendix A.

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6 GEOTECHNICAL TESTING

6.1 IN SITU TESTING

Field penetration testing or “drive samples” were obtained using a standard penetration test (SPT) or California-type sampler. The SPT sampler has a 1.4-inch inside diameter and a 2-inch outside diameter. The California sampler has a 2.4-inch inside diameter and a 3.0-inch outside diameter. These samplers both include space for liners. However, liners were not used for SPT samples, and therefore the actual inner diameter of the majority of the SPT sampler is 1.5 inches. Additional details are provided in Appendix A. Blow counts recorded for drive samples collected from our exploratory borings are shown on the boring logs in Appendix A.

In addition to field penetration testing, six infiltration tests were performed at depths of approximately 5 feet to evaluate the subsurface conditions for stormwater infiltration. Infiltration testing was performed using the Boring Percolation Test Procedure in accordance with the Riverside County Design Handbook for Low Impact Development Best Management Practices (County BMP Manual), dated September 2011. Infiltration testing results are presented in Appendix B and the results are discussion in Section 8 of this report.

6.2 LABORATORY TESTING

Laboratory testing was performed on soil samples collected during our field exploration to substantiate field classifications and to measure index and engineering properties of the soils. The tests performed are indicated on the Logs of Borings, which are presented in Appendix A. A detailed description of the laboratory testing program and summary test results are presented in Appendix C. Laboratory testing in support of this report consisted of:

- In situ moisture content (ASTM D2216) and dry unit weight (ASTM D7263);
- Grain size distribution (ASTM D6913); and Hydrometer Analysis (ASTM D7928);
- Percent passing No. 200 sieve (ASTM D1140);
- Plasticity Index (Atterberg Limits) (ASTM D4318);
- Direct shear (ASTM D3080);
- Consolidation Testing (ASTM D2435);
- Collapse Potential (ASTM D4546);
- Expansion Index Testing (ASTM D4829);

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- Maximum Density and Optimum Moisture Content (ASTM D1557);
- R-value (ASTM D2844); and
- Corrosivity tests (pH, water soluble sulfate, water soluble chloride, and minimum electrical resistivity) (CTM 643, CTM 417, and CTM 422).

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7 GEOTECHNICAL CONDITIONS

7.1 SITE GEOLOGY

Geologic mapping by the CGS (Lancaster et al., 2012), Dibblee and Minch (2003), and the U.S. Geological Survey (Rewis et al., 2006) show that the project site is underlain by older alluvial soils (Qo and Qof), and a thin layer of fill (af). Based on a reconnaissance level review of aerial photographs (ca. 1938 through 1967) and older topographic maps (ca. 1953), the area along Pennsylvania Avenue north of the railroad tracks received a thin deposit of fill to fill-in several small drainages. It estimated that the fill was most likely less than 5 to 10 feet thick and consists of local deposits alluvium.

7.1.1 Lithology

The earth materials that exist within the project site consist of artificial fill and alluvial soils. The specific locations and character of the earth materials were refined during our field investigation, which included subsurface explorations and laboratory testing. The locations of the subsurface explorations along the alignment are shown on Figures 2A-2D, Boring Location Map. Descriptions of the subsurface conditions encountered during our field investigation are presented on the Logs of Borings provided in Appendix A, Field Exploration. We recommend that all individuals utilizing this report review the boring logs for greater detail.

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Artificial Fill

Artificial fill was encountered in all the borings except for Boring A-19-011 drilled during our field investigation. The fill consists of coarse-grained silty to clayey sands with varying amounts of gravel. The thickness of the fill encountered in the borings ranged from approximately 1 to 5 feet across the project area and was likely placed during construction of Pennsylvania Avenue and as part of past roadway construction of the Pennsylvania Avenue UC.

Alluvium

Alluvial deposits were encountered below the fill in all our borings and is in general agreement with mapping performed by the USGS. The alluvium generally consists of layers of silty sands, clayey sands, poorly graded sands with silt, and sandy lean clays with varying amounts of gravel. The apparent density of the coarse-grained alluvial sands was generally medium dense to very dense. The fine-grained sandy lean clays were generally stiff in consistency. Based on our Boring A-19-007, the alluvial soils extend to at least an elevation of approximately 2,545 feet.

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7.2 WATER

7.2.1 Flood Hazard

The flood hazard potential along the study area was evaluated based on flood insurance rate maps (FIRM) available through the Federal Emergency Management Agency (FEMA, 2008) Map Service Center website. Based on the flood map reviewed (Map Number 06065C0812G), part of the project site, from East 6th Street to East 3rd Street (see Figures 2A to 2C) is located within an area of 0.2% (Zone X) annual chance flooding in Beaumont Channel with an average depth of less than 1 foot. Within the area adjacent to the I-10 freeway the depth of the floodwater increases to three feet (Zone AO).

7.2.2 Groundwater

The project site is located within the San Timoteo Subbasin of the Upper Santa Ana Valley Groundwater Basin [California Department of Water Resources (DWR), 2016] where older alluvial deposits can reach a thickness excess of 1,500 feet thick near the middle of the basin (north of the project site) and thinning to approximately 900 feet thick beneath the project site (Rewis et al., 2006; and Bloyd, 1971). A review of area groundwater record in the vicinity of the site indicated that the historic groundwater level was reported by the USGS (Bloyd, 1971) to be approximately 390 feet below the existing ground surface (bgs), elevation 2,275 feet, in 1967. However, current groundwater elevation measurements (Winter 2019) by the DWR (2020) indicate groundwater beneath the project site to be approximately 446 bgs, which corresponds to an approximate elevation of 2,154 feet.

Fluctuations of the groundwater level, localized zones of perched water, and variations in soil moisture content should be anticipated during and following the rainy season (late fall to early spring). Irrigation of landscaped areas on and adjacent to the site can also cause a fluctuation of local groundwater levels. Also, Beaumont is actively recharging the groundwater with stream runoff, and infiltration in the Little San Gorgonio and Noble Creeks to the north of the project site.

7.3 CORROSION CONDITIONS

Section 6.1 of the "Corrosion Guidelines" prepared by the Corrosion Branch, Division of Engineering Services (Caltrans, 2018a) defines a corrosive area as an area where the soil and/or water contains more than 500 ppm of chlorides, more than 1,500 ppm of sulfates, or has a pH of 5.5 or less. Since resistivity serves as an indicator parameter for the possible presence of soluble

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salts, it is not included as a parameter to define a corrosive area for structures based on Caltrans Guidelines, except for MSE walls.

Representative soil samples were tested to evaluate the corrosion potential of the on-site soils. The tests included pH, minimum electrical resistivity, soluble sulfate content, and soluble chloride content using procedures described in California Test Methods 643, 417, and 422, respectively. The test results are presented in Table 7-1.

A comparison between the laboratory test results and the Caltrans corrosion criteria indicates that all of the samples tested are classified as non-corrosive to bare metals or concrete. Buried metal and concrete elements should be designed for corrosive conditions in accordance with applicable sections of the Caltrans Bridge Design Specifications, Memos to Designers, Standard Specifications, the Highway Design Manual, and City of Beaumont requirements for Pennsylvania Avenue improvements.

Kleinfelder is not a corrosion engineering consultant. If additional recommendations with respect to corrosion are required, they should be obtained from a corrosion specialist.

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Table 7-1

Corrosion Test Results

Boring Location	Depth	Lithology/ USCS Group	pH	Resistivity	Sulfates	Chlorides	Caltrans Corrosivity Criteria	Applicable Project Improvement
	feet			ohm-cm[1]	ppm[1,2]	ppm[1,2]		
A-19-002	1 - 5	SC	7.1	2,135	275	47	Non-corrosive	Westbound Ramps, Penn. Avenue Improvements
A-19-007	2 - 5	SC	6.8	6,264	38	33	Non-corrosive	Eastbound off-ramp, Penn. Avenue Improvements
A-19-010	0 - 5	CL	7.2	6,836	40	32	Non-corrosive	Penn. Avenue Improvements

Notes: [1] ohm-cm = ohm-centimeter, ppm = parts per million

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7.4 EXPANSIVE SOILS

Expansive soils are those soils subject to volumetric fluctuations in response to changes in moisture content (wetting and drying). Expansive soils have a significant amount of clay particles, which can both release water (shrink) or absorb and hold water (swell). The resultant changes in soil volume can deflect unrestrained ground and can exert stress on improvements resting upon them. Lightly loaded structures (e.g., concrete pads, pavements, etc.) are more susceptible to damage by expansive soils. Kleinfelder performed Plasticity Index (PI) and Expansion Index (EI) laboratory testing on soils encountered during our investigation to characterize potentially expansive materials. The test results are presented in Table 7-2.

Table 7-2
Expansion Index and Plasticity Index Test Results

Boring Location	Depth feet	Geologic Unit	Lithology/ USCS Group	EI(1)	PI(2)	Applicable Project Improvement
A-19-001	1-3	Fill	SC-SM	3	5	Penn. Avenue Improvements
A-19-002	1-5	Alluvium	SC	--	**16**	Westbound Ramps, Penn. Avenue Improvements
A-19-003	10	Alluvium	SC	--	12	Infiltration, Westbound Ramps
A-19-004	5	Alluvium	SC	--	**17**	Westbound Ramps
A-19-005	0.5-5	Fill	SC	--	**12**	Westbound Ramps
A-19-005	10	Alluvium	SC	--	**13**	Westbound Ramps
A-19-006	5	Alluvium	SC	--	**16**	Eastbound off-ramp
A-19-007	2-5	Alluvium	SC	--	**16**	Eastbound off-ramp, Penn. Avenue Improvements
A-19-007	10	Alluvium	SC	--	**13**	Eastbound off-ramp, Penn. Avenue Improvements
A-19-008	2-5	Alluvium	SC	47	**13**	Penn. Avenue Improvements
A-19-009	10	Alluvium	SC	--	**16**	Infiltration, Penn. Avenue Improvements
A-19-011	2-5	Alluvium	CL	--	**20**	Infiltration, Penn. Avenue Improvements

Note: [1] Values shown in **Bold** font are considered expansive based on Caltrans criteria.

Based on the results of our literature review, field investigation, and laboratory testing results, potentially expansive soils are present within the near surface soil's of the project area. Caltrans Highway Design Manual Topic 614.4 (2018b) classifies an expansive subgrade as a material with a Plasticity Index (PI) greater than 12. However, the results of the Expansion Index (EI) testing

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indicate the soils have a low to medium expansion potential based on ASTM guidelines. Based on our soil borings and geologic mapping, the clayey sands and sandy lean clays within the present in the artificial fill and alluvial soils are potentially expansive. Options for mitigating expansive soils are presented in Section 8. Soils with an EI greater than 50 should also be excluded from areas of structure backfill behind retaining walls and below footings.

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8 CONCLUSIONS AND RECOMMENDATIONS

8.1 EARTHWORK AND GRADING

Based on our understanding of the project, construction of the proposed improvements will require embankment fills and grading within the existing limits of Pennsylvania Avenue. We anticipate that temporary excavations will be required during construction of roadway improvements, drainage improvements and underground utilities. Conventional earth-moving equipment is expected to be capable of performing most of the excavations required.

In general, groundwater is not anticipated within the proposed excavation depths for roadway grading of ramps and retaining wall construction.

Imported borrow (if required) should conform to Section 19-7.02 of Caltrans Standard Specifications (2018c) and be tested prior to import and placement. Pavement subgrade should be compacted to a minimum of 95 percent in accordance with Section 19-5.03B “Relative Compaction (95 Percent)” of Caltrans Standard Specifications to a minimum depth of 2.5 feet below the finished grade for the width of the traveled way plus 3 feet on each side, or 0.5 feet below the grading plane between the outer edges of shoulders, whichever is deeper.

8.1.1 Expansive Soil Mitigation

As discussed previously, the near surface soils are considered potentially expansive based on the Caltrans criteria. Therefore, we recommend that the expansive soils within the Caltrans right-of-way be overexcavated and replaced with non-expansive fill. As an alternative to overexcavation, chemical (lime) treatment may also be considered. Our recommendations are as follows:

1) Overexcavation of subgrade soils should be performed within the Caltrans right-of-way to a minimum depth of 4 feet below finished grade (finished pavement surface) and replaced with imported non-expansive fill. To further reduce the potential impact of expansive soils, properly compacted aggregate subbase (AS) should be placed in the excavation below the proposed new pavement sections.
2) As an alternative to overexcavation and removal of the expansive soils, chemical treatment (typically lime treatment) may be considered. The near surface soils may be treated by mixing the upper 12 to 18 inches of the subgrade with Portland cement or lime. For estimating purposes, an application rate of 3 to 5 percent high calcium quick lime or 4 to 5 percent Portland cement may be considered. Final application rates

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should be determined in the field at the time of construction in consultation with the geotechnical engineer. Chemical treatment should comply with Caltrans Highway Design Manual Topic 664.3 (2018b), and the treated soil should have a minimum unconfined compressive strength of 300 psi.

The potentially expansive soils are also present along Pennsylvania Avenue outside of the Caltrans right-of-way and therefore should also be mitigated. The mitigation options presented above may also be used to mitigate the potentially expansive soils along Pennsylvania Avenue outside of the Caltrans right-of-way. However, the results of the expansion index testing indicate the soils have a low to medium expansion potential based on ASTM guidelines. Therefore, if the City wishes to accept additional risk with leaving the potentially expansive soils in place, we recommend that the upper 24 inches of soils be overexavated, moisture conditioned, and re-compacted in order to provide a suitable subgrade for the proposed roadway improvements. The moisture content of the fill should be maintained at least 3 percent above optimum during compaction and until the aggregate base is placed and compacted. The moisture content of the clayey fill is considered very important, and therefore, both relative compaction and moisture content should be used to evaluate compaction acceptance. If both criteria are not within the specified tolerances, the fill should not be accepted, and the contractor should rework the material until the fill is placed within the specified tolerances.

8.2 PAVEMENT DESIGN

8.2.1 Existing Pavement

Based on the results of our borings, the existing pavement sections along Pennsylvania Avenue are flexible pavement consisting of asphalt concrete (AC) surface layer underlain by aggregate base (AB). The existing ramp pavements appear to be in fair condition and evidence of periodic maintenance including crack sealing was observed. The existing pavement along Pennsylvania Avenue north of East 3rd Street is in fair to poor condition, with isolated sections (most notably northbound Pennsylvania Avenue south of the interchange) exhibiting severe pavement distress including alligator cracking. South of East 3rd Street, the existing pavement along Pennsylvania Avenue appears to be in relatively good condition. The measured pavement section thickness and corresponding locations are summarized in Table 8-1.

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Table 8-1

Measured Pavement Section Thickness

Location	Lane	Boring ID	Measured Pavement Section (ft)[1]
Northbound Pennsylvania Avenue	Middle	A-19-001	0.42 AC 0.33 AB
Southbound Pennsylvania Avenue	Right	A-19-011	0.25 AC 1.5 AB

Notes: [1] AC: Asphalt Concrete, AB: Aggregate Base

8.2.2 Subgrade R-Value

Kleinfelder collected subgrade samples along the project alignment at four locations for R-value testing. The results of the testing are presented in Appendix B and are summarized in Table 8-2.

Table 8-2

R-Value Test Results

Location	Boring	Depth (feet)	Geologic Unit	USCS Soil Type	R-Value
Westbound Ramps, Penn. Avenue Improvements	A-19-002	1-5	Alluvium	SC	35
Westbound Ramps	A-19-005	0.5-5	Fill	SC	28
Eastbound off-ramp, Penn. Avenue Improvements	A-19-007	2-5	Alluvium	SC	24
Infiltration, Penn. Avenue Improvements	A-19-011	2-5	Alluvium	CL	18

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Based on the variability of the laboratory R-value results, we have selected a design R-Value of 20 for flexible pavement design for the project.

Due to the expansion potential and clayey nature of the near surface soils encountered at the site (SC, SC-SM, CL), we have elected to use a Type II Subgrade for rigid pavement design based on Table 623.1A of the Caltrans Highway Design Manual (Caltrans, 2018b).

Our design subgrade values are based on the subsurface conditions encountered during our exploration program, results of our laboratory testing on representative near-surface samples, and our assumptions regarding final subgrade conditions based on Caltrans criteria.

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8.2.3 New Pavement

Design of a pavement structural section depends primarily on the strength of the subgrade soil exposed after grading and anticipated traffic over the useful life of the pavement. We have developed the following pavement structural sections for the project based on the assumption that the subgrade soils will be mitigated as discussed in Section 8.1.1. Subgrade materials within 4 feet of the grading plane should have a plasticity index (PI) less than 12. Materials that don't meet these requirements are classified as unsuitable based on Caltrans criteria and should be removed and replaced with non-expansive and properly compacted fill materials, if encountered. Imported fill material used as pavement subgrade should be non-corrosive to metal and concrete, have an EI value less than 50, PI value less than 12, and an R-value of 20 or greater. Pavement materials should conform to the grading and quality requirements specified in the Caltrans Standard Specifications (2018c).

As discussed previously, the project will include the reconfiguring the westbound off-ramp and construction of a new westbound on-ramp and eastbound off-ramp. Additional improvement will consist of pavement rehabilitation and reconstruction along Pennsylvania Avenue. Our scope of services did not include an evaluation of the existing pavement or recommendations for pavement rehabilitation. Therefore, we have only included recommendations for design and construction of new pavement.

Traffic Indices (TIs) for the project were not available at the time of this report and a range of values were provided by Kimley-Horn for our analysis and are summarized in Table 8-3 below. It is our experience that Caltrans generally provides TIs for new ramps and the below TIs are subject to Caltrans approval. Additionally, new ramps are generally designed for a 40-year design life. The pavement structural sections were developed in accordance with Chapters 600 through 630 of the Caltrans Highway Design Manual (2018b).

Table 8-3

Summary of Traffic Indices Provided by Kimley-Horn

Location	Design Life (years)	Provided Traffic Index (TI)
Pennsylvania Avenue	20	9.0
I-10 Pennsylvania Ramps	--[1]	10.0, 11.0, and 12.0

Notes: [1] No design life information provided

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Pennsylvania Avenue and I-10 On- and Off-ramps

We anticipate that flexible pavement consisting of hot-mix asphalt (HMA) will be used for Pennsylvania Avenue and that either flexible or rigid pavement will be used for the I-10 on- and off-ramps depending on the results of a Life Cycle Cost Analysis (LCCA) to be performed by others.

Design calculations for flexible pavement were performed using the Caltrans Mechanistic-Empirical Tool (CalME website) and CalFP-Web tools. For flexible pavement, Hot-Mix Asphalt (HMA) should be Type 'A' with aggregate that conforms to the grading requirements specified in Section 39-2.02 of the Caltrans Standard Specifications (2018). If required, Rubberized Hot-Mix Asphalt – Gap Graded (RHMA-G) should have aggregate that conforms to the ½ inch grading requirements specified in Section 39-2.03B of the Caltrans Standard Specifications (2018). In accordance with Table 632.1 of the Highway Design Manual (Caltrans 2017), an asphalt binder grade of PG 64-10 is recommended for dense graded HMA(HMA-A) and an asphalt binder grade of PG 64-16 is recommended for RHMA-G.

The following design assumptions were made for the rigid pavement design:

- Caltrans Climate Zone – Inland Valley
- Type II Subgrade Soil
- Options for pavement without lateral support are presented

Aggregate Subbase (AS) should be Class 2 and conform to the grading requirements in Section 25-1.02B of the Caltrans Standard Specifications (2018). Aggregate Base (AB) should be Class 2 and conform to the grading requirements in Section 26-1.02B of the Caltrans Standard Specifications (2018). Rapid Strength Concrete (RSC), if required, should conform to Sections 40-5 and 90-3 of the Caltrans Standard Specifications (2018). If transition panels are required between flexible and rigid pavements, they should be designed and constructed in accordance with Caltrans Standard Plan P30 (Caltrans, 2018). Joints between existing pavement and new pavement should be sealed, and in areas of flexible pavements a tack coat should be applied to all vertical cut faces and between subsequent HMA lifts. The recommended pavement sections for the project are presented in Tables 8-4 and 8-5.

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Table 8-4

Recommended I-10 Ramp Pavement Sections

Location	Design Subgrade for Rigid Pavement	R-Value for Flexible Pavement	Design Life (years)	Design Traffic Index[3]	New Pavement Section [1,2] (Feet)			
					Rigid Pavement [4]			Flexible Pavement [5,6]
					Without Lateral Support			
I-10 EB and WB Ramps (including shoulders[7])	Type II Subgrade	20	--	10.0	0.90 JPCP 1.00 AB 1.90 Total	Not Applicable	Not Applicable	0.20 RHMA-G 0.45 HMA-A 1.20 AB 1.85 Total
I-10 EB and WB Ramps (including shoulders[6])	Type II Subgrade	20	--	11.0	0.85 JPCP BB[7] 0.35 LCB 0.60 AS 1.80 Total	0.90 JPCP 0.25 HMA-A 0.60 AS 1.75 Total	0.95 JPCP 1.30 AB 2.25 Total	0.20 RHMA-G 0.55 HMA-A 1.25 AB 2.00 Total
I-10 EB and WB Ramps (including shoulders[6])	Type II Subgrade	20	--	12.0	0.95 JPCP BB[7] 0.35 LCB 0.60 AS 1.90 Total	0.95 JPCP 0.25 HMA-A 0.60 AS 1.80 Total	0.85 CRCP 0.25 HMA-A 0.60 AS 1.70 Total	0.20 RHMA-G 0.65 HMA-A 1.30 AB 2.15 Total

Notes:

1 JPCP: Jointed Plain Concrete Pavement, CRCP: Continuously Reinforced Concrete Pavement, LCB: Lean Concrete Base, HMA-A: Hot Mix Asphalt-Type A, AB: Class 2 Aggregate Base, AS: Class 2 Aggregate Subbase, BB: Base Bond Breaker, RHMA-G: Gap-graded Rubberized Hot-Mix Asphalt.

2 The first 2 feet of the shoulder width measured from the edge of the traveled way should match the structural section of the adjacent traffic lane.

3 TI values were provided by the City of Beaumont (no design life information was provided).

4 Rigid pavement sections may be used for ramp termini. Rapid Strength Concrete (RSC) JPCP and rapid setting Lean Concrete Base (LCBRS) may be used as necessary to limit traffic closures during construction of the proposed ramps.

5 RHMA-G used for surface course to comply with Public Resources Code 42703 requiring Caltrans to use crumb rubber modifier (CRM) in approximately 35 percent of total HMA placed statewide, as outlined in Caltrans Memorandum dated February 10, 2015.

6 The same pavement type and section thickness as the travel lanes may be used for the ramp shoulders for constructability and to allow for the possibility of future widening as noted in the Caltrans Highway Design Manual Section 504.3 (2) (f).

7 A Base Bond Breaker is required between the JPCP and LCB as noted in Table 623.1G in the High Design Manual.

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Table 8-5

Recommended Pennsylvania Avenue Widening Pavement Sections

Location	R-Value for Flexible Pavement	Design Life (years)	Design Traffic Index[1]	New Flexible Pavement Section [2,3] (Feet)
Pennsylvania Avenue Roadway Improvements	20	20	9.0	0.50 HMA-A 1.25 AB 1.75 Total

Notes:
1 TI values were provided by the City of Beaumont.
2 HMA-A: Hot Mix Asphalt-Type A, AB: Class 2 Aggregate Base
3 The first 2 feet of the shoulder width measured from the edge of the traveled way should match the structural section of the adjacent traffic lane.

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8.3 LIFE CYLE COST ANALYSIS

Kleinfelder's scope of services did not include performance of a Life Cycle Cost Analysis (LCCA) for the project. We understand an LCCA may be prepared by others.

8.4 CULVERTS

Based on our current understanding of the project, one existing culvert is planned to be improved or extended as part of the project. The culvert crosses below Pennsylvania Avenue approximately halfway between 1st Street and 3rd Street. If culvert material recommendations are required for this or other areas along the project alignment, they may be developed using the Caltrans Alternative Pipe Culvert Website (AltPipe v7.0) (Caltrans, 2014) and the corrosion test results presented in Section 7.3. As discussed previously in Section 7.3, our laboratory test results indicate that all the samples tested are classified as non-corrosive to bare metals or concrete according to the Caltrans corrosion criteria. Based on the corrosion test results, the following worst-case scenario values may be used for culvert design:

- pH of 6.8;
- Minimum soil resistivity of 2,135 (ohm-cm);
- Sulfate concentration of 275 (ppm); and
- Chloride concentration of 47 (ppm).

Buried metal and concrete elements should be designed for corrosive conditions in accordance with applicable sections of the Caltrans Bridge Design Specifications, Memos to Designers, Standard Specifications, Special Provisions, Bridge Design Reference Specifications, and the Highway Design Manual.

Kleinfelder is not a corrosion engineering consultant. If additional recommendations with respect to corrosion are required, they should be obtained from a corrosion specialist.

8.5 MATERIAL SOURCES

Due to the expansion potential of the near surface soils, we anticipate that much of the onsite artificial fill and alluvial soils are not suitable for re-use as structure backfill or backfill beneath 4 feet of finished pavement surface within the Caltrans right-of-way and import soils will be required. The potential re-use of soil materials should be evaluated during construction to evaluate if materials exposed during grading satisfy Caltrans requirements for use as fill (Caltrans, 2018c).

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As discussed previously in Section 8.1, we anticipate that overexcavation of subgrade soils will be required within the Caltrans right-of-way to a minimum depth of 4 feet below finished grade (finished pavement surface) and replaced with imported non-expansive fill. As an alternative to overexcavation, chemical treatment may be considered to avoid the costs of importing soil.

We anticipate some native materials and existing fill excavated along the alignment may be suitable for use as embankment fill. All fill soils used for embankments should be nearly free of organic or other deleterious debris. All material used for embankments should meet the requirements outlined in Section 19 of the Caltrans Standard Specifications (2018c). Import soils it should conform to Section 19-7.02 of Caltrans Standard Specifications and be tested prior to import and placement. Imported material placed as pavement subgrade (measured as the top 4 feet from the grading plane) should have an R-value of at least 20, have an EI value less than 50, and PI value less than 12. Construction materials such as aggregates, asphalt, Portland cement, and fly ash should be imported from local commercial sources.

8.6 MATERIAL DISPOSAL

Surface debris, topsoil, vegetation, etc. are present at existing grade along some areas of the alignment. These materials are unsuitable for use in construction and should be properly disposed at an approved location or stockpiled and reused for landscaping purposes as suitable along the project. Disposal of spoils from excavated soils is expected during construction. It is the responsibility of the contractor to make arrangements to dispose such materials and follow guidelines provided in the Caltrans Standard Specifications (2018c).

8.7 INFILTRATION TESTING

We understand that as part of the storm water management for the project, Infiltration Best Management Practices (BMPs) are being considered. We performed six borehole infiltration tests using the Boring Percolation Test Procedure, in general accordance with the Riverside County Design Handbook for Low Impact Development Best Management Practices (County BMP Manual), dated September 2011. We also performed sieve analysis and hydrometer testing to assess the grain-size characteristics of the onsite soils. The results of the infiltration testing are presented in Appendix B and the laboratory test results are presented in Appendix C.

Based on visual soil classification and laboratory testing of the soil samples collected during our field exploration, the upper approximately 5 to 20 feet of the subsurface soils consist predominantly of clayey sands and sandy lean clays. The fines content of the upper soils ranged

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from approximately 33 to 65 percent. Based on the results of the infiltration, the soil classification and laboratory testing, the use of infiltration BMPs, such as drywells is not considered feasible due to the relatively low infiltration rates. Table 8-6 summarizes the in-situ percolation rates and the long-term design infiltration rates for each test location.

Table 8-6

Infiltration Test Results

Infiltration Test Location	USCS Soil Type	Approximate Test Depth (feet bgs)	Short-Term Infiltration Rate (inches per hour)	Long-Term Design Infiltration Rate (inches per hour)[1]
INF-1	SC	1½ - 5	0.13	0.04
INF-2	CL	1½ - 5	0.08	0.03
INF-3	CL	1½ - 5	0.04	0.01
INF-4	CL	1½ - 5	0.05	0.02
INF-5	CL	1½ - 5	0.20	0.07
INF-6	CL	1½ - 5	0.06	0.02

Notes: [1] The design infiltration rate applies a factor of safety of 3.0 to the field infiltration rate in accordance with the Riverside County Low Impact Development Design Handbook Appendix A, Table 1 – Infiltration Testing Requirements.

Based on visual soil classification, laboratory testing, and infiltration testing results, the onsite soils within the fill and alluvium consist primarily of clayey sands and sandy clays with high fines content. Given the low infiltration capacity of the on-site soils, we recommend alternatives to infiltration Best Management Practices (BMPs), such as bio-filtration/bio-retention systems (bio-swales and planter boxes), be implemented at the project site.

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9 LIMITATIONS

The conclusions and recommendations presented in this report are for the design of the proposed Pennsylvania Avenue Widening and Interchange Project located in Beaumont, California, as described in the text of this report. It may not contain sufficient information for other uses or purposes of other parties. The findings, conclusions, and recommendations presented in this report were prepared in a manner consistent with the standards of care and skill ordinarily exercised by members of its profession completing PS&E studies and practicing under similar conditions in the geographic vicinity and at the time these services have been performed. No warranty or guarantee, express or implied, is made.

This report was based on the proposed project information provided to Kleinfelder. If any change is implemented which materially alters the project, additional geotechnical services may be required, which could include revisions to the geotechnical recommendations presented herein.

Other standards or documents referenced in any given standard cited in this report, or otherwise relied upon by the authors of this report, are only mentioned in the given standard; they are not incorporated into it or "included by reference," as that latter term is used relative to contracts or other matters of law.

This report may be used only by Kimley-Horn and Associates, Inc., the City of Beaumont and the project designers and only for the purposes stated, within a reasonable time from its issuance, but in no event later than two years from the date of the report. Land use, site conditions (both on site and off site) or other factors may change over time, and additional work may be required with the passage of time. Any party other than the client who wishes to use this report shall notify Kleinfelder of such intended use. Based on the intended use of the report, Kleinfelder may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by the client or anyone else will release Kleinfelder from any liability resulting from the use of this report by any unauthorized party, and client agrees to defend, indemnify, and hold harmless Kleinfelder from any claim or liability associated with such unauthorized use or non-compliance.

The scope of our geotechnical services did not include any environmental site assessment for the presence or absence of hazardous/toxic materials. Kleinfelder will assume no responsibility or liability whatsoever for any claim, damage, or injury which results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials.

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10 REFERENCES

American Society for Testing and Materials (ASTM), Annual Book of ASTM Standards.

Bloyd, Jr., R.M., 1971, Underground storage of imported water in the San Gorgonio Pass area, southern California: U.S. Geological Survey Water-Supply Paper 1999-D, 37p.

California Department of Water Resources (DWR), 2016, California's Groundwater, Upper Santa Ana Valley Groundwater Basin, San Timoteo Subbasin (Number 8-2.08): DWR Bulletin 118.

California Department of Water Resources (DWR), 2020. Water Data Library, accessed January 2020 at: http://wdl.water.ca.gov/waterdatalibrary/

California Geological Survey (CGS), 2002, California Geomorphic Provinces, Note 36, 4p.

California Geological Survey (CGS), 2018, Earthquake Fault Zones - A Guide for Government Agencies, Property Owners/Developers, and Geoscience Practitioners for Assessing Fault Rupture Hazards in California: California Geological Survey Special Publication 42, 83p.

California Irrigation Management Information System, 2020, California ERo zones map: California Departmemnt of Water Resources, data available at http://www.cimis.water.ca.gov/California Department of Water Resources (DWR), 2016, California's Groundwater, Upper Santa Ana Valley Groundwater Basin, Bunker Hill Subbasin: Bulletin 118.

Caltrans, 2005, Climate Pavement Climate Regions Map, October 5, 2005.

Caltrans, 2007, Design Information Bulletin 85: Guidance for the Consideration of Material Disposal, Staging, and Borrow Sites, May 15, 2007.

California Department of Transportation (Caltrans), 2010, Soil and Rock Logging, Classification, and Presentation Manual, 82p.

Caltrans, 2014, AltPipe v7.01, Alternative Pipe Culvert Selection Website, http://www.dot.ca.gov/hq/oppd/altpipe.htm.

Caltrans, 2018a, Corrosion Guidelines, Version 3.0, March 2018.

Caltrans, 2018b, Highway Design Manual, Sixth Edition, current revisions.

DRAFT

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Caltrans, 2018c, Standard Plans and Specifications.

Caltrans, Standard Test Methods (Latest Edition).

Cao, T., Bryant, W.A., Rowshandel, B., Branum, D., and Wills, C.J., 2003, The Revised 2002 California Probabilistic Seismic Hazard Maps, California Geological Survey, available at http://www.conservation.ca.gov/.

Dawson, T.E., and R.J. Weldon, 2013, Appendix B - Geologic Slip Rate Data and Geologic Deformation Model in Field, et al. 2013, Uniform California earthquake rupture forecast, version 3 (UCERF3) - The time-independent model: U.S. Geological Survey (USGS) Open-File Report 2013–1165, and California Geological Survey (CGS) Special Report 228.

Dibblee, T.W., Jr., 1970, Regional geologic map of San Andreas and related faults in eastern San Gabriel Mountains, San Bernardino Mountains, western San Jacinto Mountains and vicinity, Los Angeles, San Bernardino, and Riverside Counties, California: U.S. Geological Survey Open-File Report 71-88, scale 1:125,000.

Dibblee, T.W., Jr., and Minch, J.A., 2003, Geologic map of the Beaumont quadrangle, Riverside County, California: Dibblee Geological Foundation, Map DF-114, scale 1:24,000.

Federal Emergency Management Agency (FEMA), 2008, Flood Insurance Rate Maps (FIRM), Map Number 06065C0812G, FEMA Map Service Center, accessed at: https://msc.fema.gov/portal/.

Lancaster, J.T., Hayhurst, C.A., and Bedrossian, T.L., 2012, Preliminary geologic map of Quaternary surficial deposits in Southern California, Palm Springs 30' X 60' Quadrangle: California Geological Survey Special Report 217, Plate 24, scale 1:100,000.

Rewis, D.L., Christensen, A.H., Matti, J.C. Hevesi, J.A., Nishikawa, T., and Martin, P., 2006, Geology, ground-water hydrology, geochemistry, and ground-water simulation of the Beaumont and Banning storage units, San Gorgonio Pass area, Riverside County, California: U.S. Geological Survey Scientific Investigations Report 2006-5026, 173p.

U.S. Geological Survey (USGS) and California Geological Survey (CGS), 2006. Quaternary Fault and Fold Database for the United States, accessed January 10, 2020: http://earthquake.usgs.gov/hazards/qfaults/google.php.

U.S. Climate Data, 2020, https://www.usclimatedata.com/

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FIGURES

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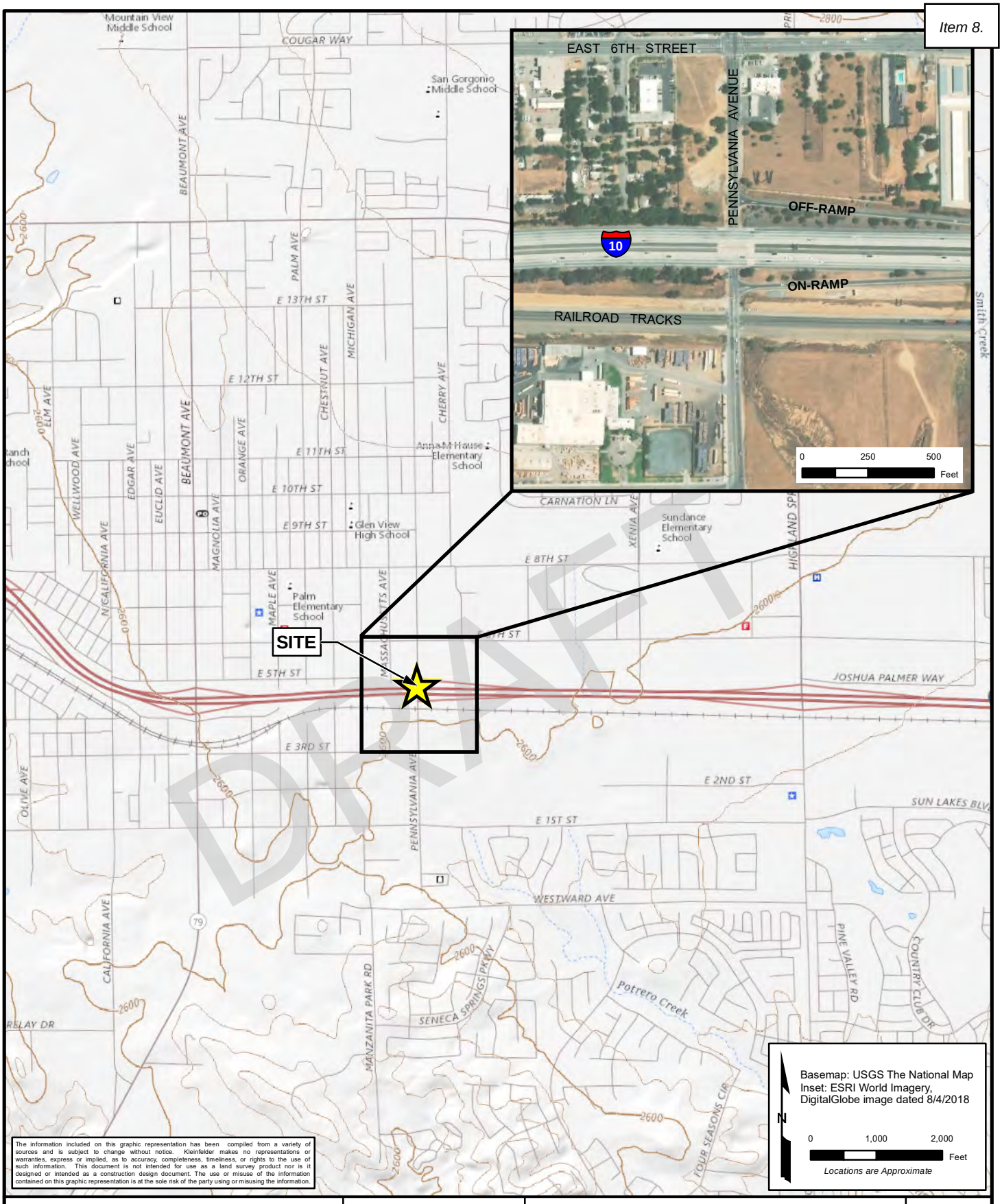

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LOS ANGELES, CA

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DRAWN BY:	KFH
CHECKED BY:	ZJ
FILE NAME:	Figure1.mxd

SITE VICINITY MAP

I-10 PENNSYLVANIA AVENUE
INTERCHANGE IMPROVEMENT PROJECT
BEAUMONT, CALIFORNIA

FIGURE
1

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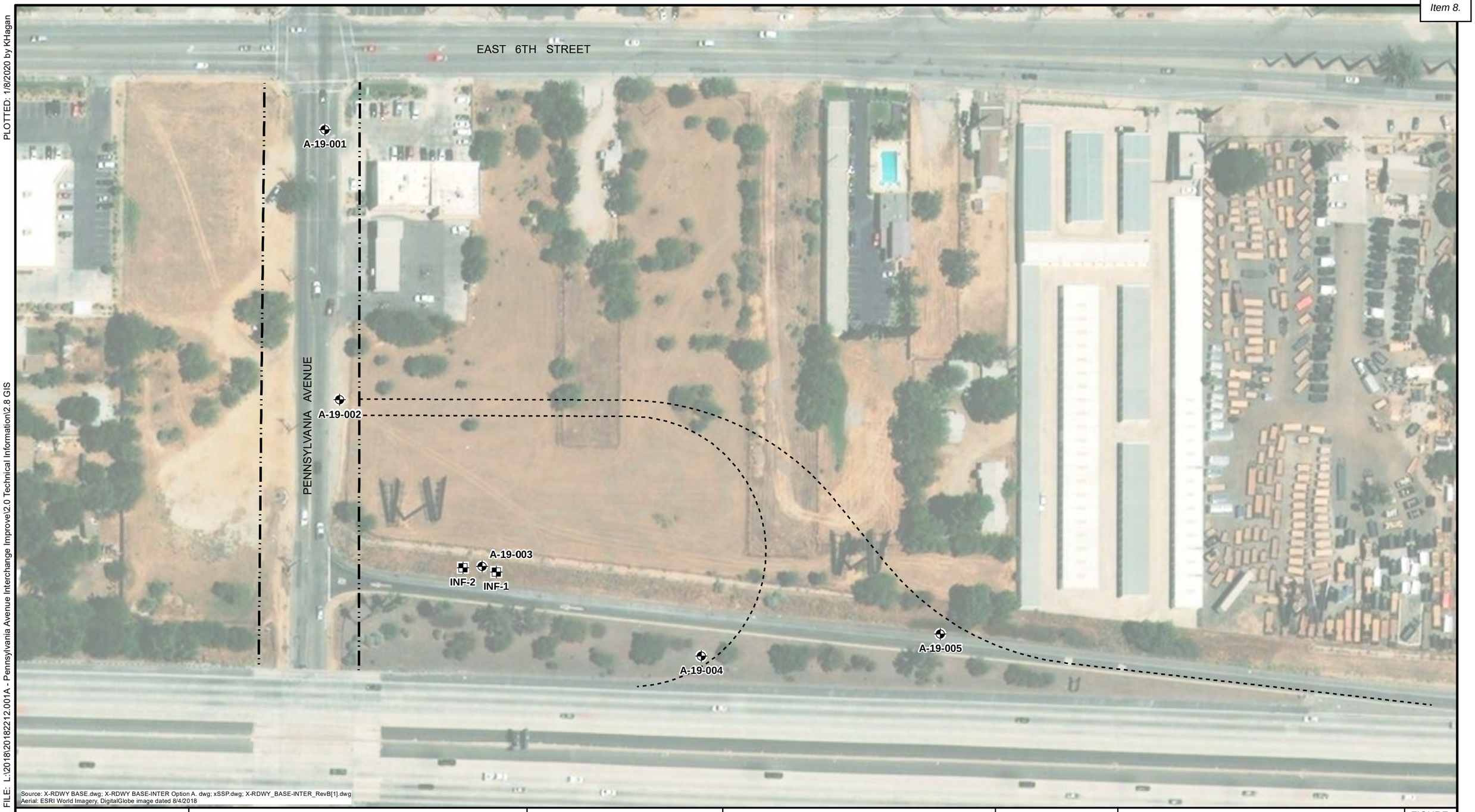
LOS ANGELES, CA



N

0 50 100

Feet

Locations are Approximate

LEGEND

- Approximate Location of Geotechnical Boring
- Approximate Location of Infiltration Test
- Approximate Proposed Centerline
- Approximate Limits of Pennsylvania Avenue Widening

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BORING LOCATION MAP

I-10 PENNSYLVANIA AVENUE
INTERCHANGE IMPROVEMENT PROJECT
BEAUMONT, CALIFORNIA

FIGURE

2A

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LOS ANGELES, CA

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Aerial: ESRI World Imagery, DigitalGlobe image dated 8/4/2018

0 50 100
Feet
Locations are Approximate

LEGEND

- Approximate Location of Geotechnical Boring
- Approximate Proposed Centerline
- Approximate Limits of Pennsylvania Avenue Widening

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BORING LOCATION MAP

I-10 PENNSYLVANIA AVENUE
INTERCHANGE IMPROVEMENT PROJECT
BEAUMONT, CALIFORNIA

FIGURE
2B

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LOS ANGELES, CA

N

0 50 100
Feet

Locations are Approximate

LEGEND

- Approximate Location of Geotechnical Boring
- Approximate Location of Infiltration Test
- Approximate Limits of Pennsylvania Avenue Widening

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BORING LOCATION MAP

I-10 PENNSYLVANIA AVENUE
INTERCHANGE IMPROVEMENT PROJECT
BEAUMONT, CALIFORNIA

FIGURE
2C

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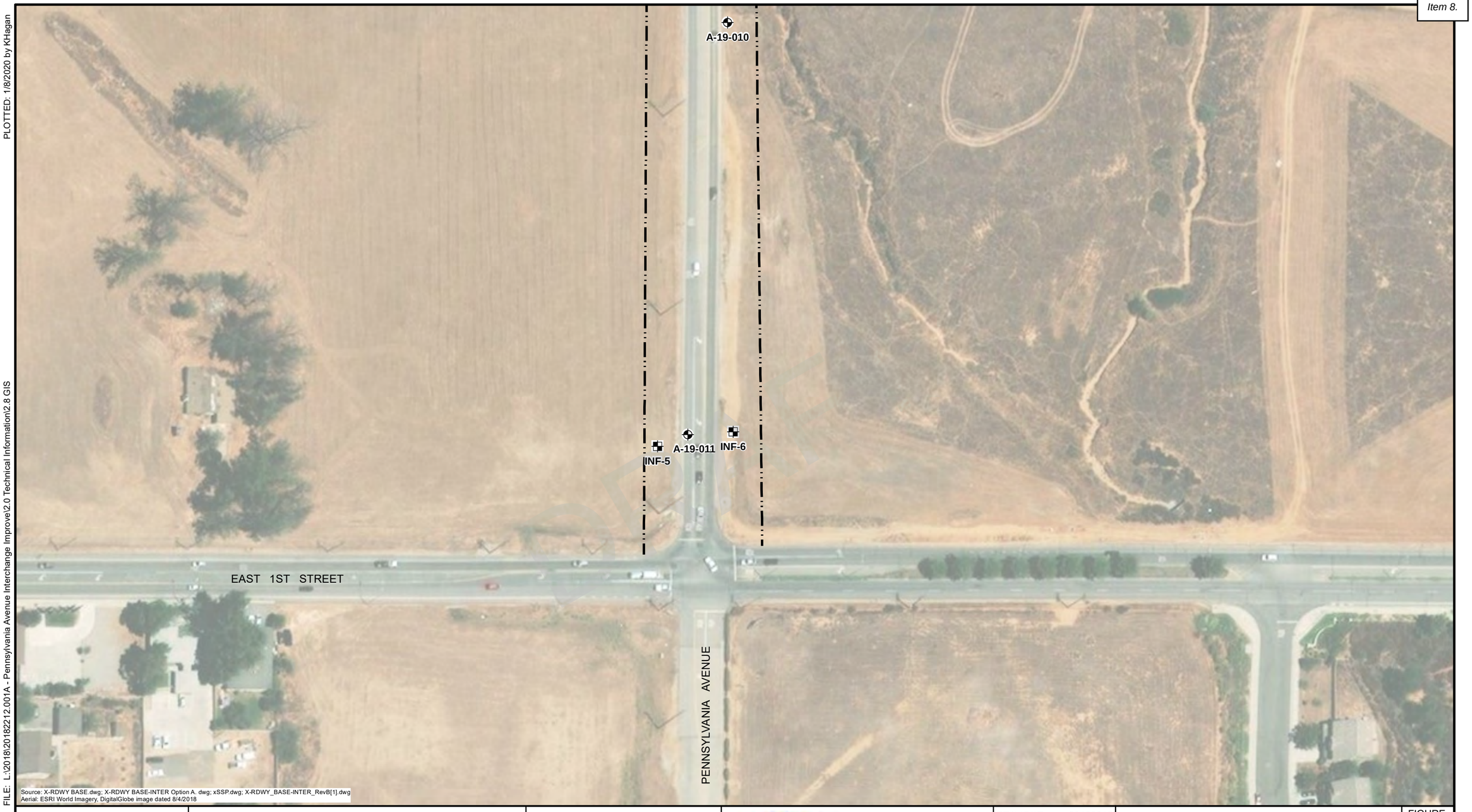
LOS ANGELES, CA



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N

0 50 100
Feet

Locations are Approximate

LEGEND

- Approximate Location of Geotechnical Boring
- Approximate Location of Infiltration Test
- Approximate Limits of Pennsylvania Avenue Widening

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BORING LOCATION MAP

I-10 PENNSYLVANIA AVENUE
INTERCHANGE IMPROVEMENT PROJECT
BEAUMONT, CALIFORNIA

FIGURE
2D

APPENDIX A
Field Exploration

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APPENDIX A
FIELD EXPLORATION AND AS-BUILT LOTB

Kleinfelder's subsurface exploration program included drilling and logging eleven (11) hollow-stem auger borings (Borings A-19-001 through A-19-011) and six infiltration tests (INF-1 through INF-6) at the project site. The locations of the borings are shown on Figures 2A-2D, Boring Location Map. Prior to subsurface exploration, Kleinfelder notified Underground Service Alert (USA) to clear proposed boring locations of conflicts with underground utilities. The services of Geovision Geophysical Services, a private utility locator, were also retained to perform additional utility locating for borings located within roadways and pavement areas.

The field exploration took place between November 11, 2019 and November 13, 2019. Infiltration testing occurred between November 14 and November 15, 2019.Hollow-stem auger borings were advanced by California Pacific Drilling utilizing a truck mounted drill rig. The borings were advanced to depths ranging from approximately 3 to 51.5 feet below the existing ground surface. The first five feet of the boreholes were advanced by manual hand augering, and at some locations the material encountered in this initial penetration was collected in a large plastic bag. Driven soil samples were obtained from the borings using either a Standard Penetration Test (SPT) sampler (2-inch O.D., 1.375 inches I.D.) or modified California sampler (3-inch O.D.,2.4 inches I.D.) driven a total of 18-inches (or until practical refusal) into the undisturbed soil at the bottom of the boring. The in-situ drive samples were driven using a 140-pound automatic hammer falling 30 inches in general accordance with ASTM D1586. The total number of hammer blows required to drive the sampler the final 12 inches is termed the "N" value and is recorded on the Logs of Borings. Blow counts shown on the Logs of Borings have not been adjusted for the effects of overburden pressure, input driving energy, rod length, sampler size, or boring diameter. The soil samples were transported to AP Engineering and Testing, Inc. of Pomona, California for laboratory testing.

The soils from the borings were visually classified in the field by a Kleinfelder engineer and described in general accordance with the Unified Soil Classification System (ASTM D 2488 and ASTM D 2487) and the Caltrans Soil and Rock Logging, Classification, and Presentation Manual (Caltrans, 2010). Boundaries between soil types shown on the logs are approximate because the transition between different soil layers may be gradual. The Logs of Borings are presented in this Appendix along with an explanation to the logs and soil graphic legend. The logs describe the earth materials encountered, samples obtained, and show field and laboratory tests performed. The logs also show the location, boring number, drilling date, and drilling subcontractor.

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GROUP SYMBOLS AND NAMES

Graphic / Symbol	Group Names
GW	Well-graded GRAVEL Well-graded GRAVEL with SAND
GP	Poorly graded GRAVEL Poorly graded GRAVEL with SAND
GW-GM	Well-graded GRAVEL with SILT Well-graded GRAVEL with SILT and SAND
GW-GC	Well-graded GRAVEL with CLAY (or SILTY CLAY) Well-graded GRAVEL with CLAY and SAND (or SILTY CLAY and SAND)
GP-GM	Poorly graded GRAVEL with SILT Poorly graded GRAVEL with SILT and SAND
GP-GC	Poorly graded GRAVEL with CLAY (or SILTY CLAY) Poorly graded GRAVEL with CLAY and SAND (or SILTY CLAY and SAND)
GM	SILTY GRAVEL SILTY GRAVEL with SAND
GC	CLAYEY GRAVEL CLAYEY GRAVEL with SAND
GC-GM	SILTY, CLAYEY GRAVEL SILTY, CLAYEY GRAVEL with SAND
SW	Well-graded SAND Well-graded SAND with GRAVEL
SP	Poorly graded SAND Poorly graded SAND with GRAVEL
SW-SM	Well-graded SAND with SILT Well-graded SAND with SILT and GRAVEL
SW-SC	Well-graded SAND with CLAY (or SILTY CLAY) Well-graded SAND with CLAY and GRAVEL (or SILTY CLAY and GRAVEL)
SP-SM	Poorly graded SAND with SILT Poorly graded SAND with SILT and GRAVEL
SP-SC	Poorly graded SAND with CLAY (or SILTY CLAY) Poorly graded SAND with CLAY and GRAVEL (or SILTY CLAY and GRAVEL)
SM	SILTY SAND SILTY SAND with GRAVEL
SC	CLAYEY SAND CLAYEY SAND with GRAVEL
SC-SM	SILTY, CLAYEY SAND SILTY, CLAYEY SAND with GRAVEL
PT	PEAT
	COBBLES COBBLES and BOULDERS BOULDERS

Graphic / Symbol	Group Names
CL	Lean CLAY Lean CLAY with SAND Lean CLAY with GRAVEL SANDY lean CLAY SANDY lean CLAY with GRAVEL GRAVELLY lean CLAY GRAVELLY lean CLAY with SAND
CL-ML	SILTY CLAY SILTY CLAY with SAND SILTY CLAY with GRAVEL SANDY SILTY CLAY SANDY SILTY CLAY with GRAVEL GRAVELLY SILTY CLAY GRAVELLY SILTY CLAY with SAND
ML	SILT SILT with SAND SILT with GRAVEL SANDY SILT SANDY SILT with GRAVEL GRAVELLY SILT GRAVELLY SILT with SAND
OL	ORGANIC lean CLAY ORGANIC lean CLAY with SAND ORGANIC lean CLAY with GRAVEL SANDY ORGANIC lean CLAY SANDY ORGANIC lean CLAY with GRAVEL GRAVELLY ORGANIC lean CLAY GRAVELLY ORGANIC lean CLAY with SAND
OL	ORGANIC SILT ORGANIC SILT with SAND ORGANIC SILT with GRAVEL SANDY ORGANIC SILT SANDY ORGANIC SILT with GRAVEL GRAVELLY ORGANIC SILT GRAVELLY ORGANIC SILT with SAND
CH	Fat CLAY Fat CLAY with SAND Fat CLAY with GRAVEL SANDY fat CLAY SANDY fat CLAY with GRAVEL GRAVELLY fat CLAY GRAVELLY fat CLAY with SAND
MH	Elastic SILT Elastic SILT with SAND Elastic SILT with GRAVEL SANDY elastic SILT SANDY elastic SILT with GRAVEL GRAVELLY elastic SILT GRAVELLY elastic SILT with SAND
OH	ORGANIC fat CLAY ORGANIC fat CLAY with SAND ORGANIC fat CLAY with GRAVEL SANDY ORGANIC fat CLAY SANDY ORGANIC fat CLAY with GRAVEL GRAVELLY ORGANIC fat CLAY GRAVELLY ORGANIC fat CLAY with SAND
OH	ORGANIC elastic SILT ORGANIC elastic SILT with SAND ORGANIC elastic SILT with GRAVEL SANDY elastic ELASTIC SILT SANDY ORGANIC elastic SILT with GRAVEL GRAVELLY ORGANIC elastic SILT GRAVELLY ORGANIC elastic SILT with SAND
OL/OH	ORGANIC SOIL ORGANIC SOIL with SAND ORGANIC SOIL with GRAVEL SANDY ORGANIC SOIL SANDY ORGANIC SOIL with GRAVEL GRAVELLY ORGANIC SOIL GRAVELLY ORGANIC SOIL with SAND

FIELD AND LABORATORY TESTS

C	Consolidation (ASTM D 2435-04)
CL	Collapse Potential (ASTM D 5333-03)
CP	Compaction Curve (CTM 216 - 06)
CR	Corrosion, Sulfates, Chlorides (CTM 643 - 99; CTM 417 - 06; CTM 422 - 06)
CU	Consolidated Undrained Triaxial (ASTM D 4767-02)
DS	Direct Shear (ASTM D 3080-04)
EI	Expansion Index (ASTM D 4829-03)
M	Moisture Content (ASTM D 2216-05)
OC	Organic Content (ASTM D 2974-07)
P	Permeability (CTM 220 - 05)
PA	Particle Size Analysis (ASTM D 422-63 [2002])
PI	Liquid Limit, Plastic Limit, Plasticity Index (AASHTO T 89-02, AASHTO T 90-00)
PL	Point Load Index (ASTM D 5731-05)
PM	Pressure Meter
PP	Pocket Penetrometer
R	R-Value (CTM 301 - 00)
SE	Sand Equivalent (CTM 217 - 99)
SG	Specific Gravity (AASHTO T 100-06)
SL	Shrinkage Limit (ASTM D 427-04)
SW	Swell Potential (ASTM D 4546-03)
TV	Pocket Torvane
UC	Unconfined Compression - Soil (ASTM D 2166-06) Unconfined Compression - Rock (ASTM D 2938-95)
UU	Unconsolidated Undrained Triaxial (ASTM D 2850-03)
UW	Unit Weight (ASTM D 4767-04)
VS	Vane Shear (AASHTO T 223-96 [2004])

SAMPLER GRAPHIC SYMBOLS

- Standard Penetration Test (SPT)
- Standard California Sampler
- Modified California Sampler
- Shelby Tube
- Piston Sampler
- NX Rock Core
- HQ Rock Core
- Bulk Sample
- Other (see remarks)

DRILLING METHOD SYMBOLS

- Auger Drilling
- Rotary Drilling
- Dynamic Cone or Hand Driven
- Diamond Core

WATER LEVEL SYMBOLS

- First Water Level Reading (during drilling)
- Static Water Level Reading (short-term)
- Static Water Level Reading (long-term)

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REPORT TITLE
BORING RECORD LEGEND

DIST.	COUNTY	ROUTE	POSTMILE	EA
08	**Riverside**	**10**	**8.22**	**1H870**

PROJECT OR BRIDGE NAME
I-10 Pennsylvania Avenue, Beaumont, California

BRIDGE NUMBER	PREPARED BY	DATE	SHEET
N/A	**M. Palmer**	**12-23-19**	**1 of**

gINT FILE: Klf_gint_master_2018
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2018.GLB [CLIENT_CALTRANS BR KEY P1_SOIL]
PROJECT NUMBER: 20182212.001A

CONSISTENCY OF COHESIVE SOILS

Descriptor	Unconfined Compressive Strength (tsf)	Pocket Penetrometer (tsf)	Torvane (tsf)	Field Approximation
Very Soft	< 0.25	< 0.25	< 0.12	Easily penetrated several inches by fist
Soft	0.25 - 0.50	0.25 - 0.50	0.12 - 0.25	Easily penetrated several inches by thumb
Medium Stiff	0.50 - 1.0	0.50 - 1.0	0.25 - 0.50	Can be penetrated several inches by thumb with moderate effort
Stiff	1.0 - 2.0	1.0 - 2.0	0.50 - 1.0	Readily indented by thumb but penetrated only with great effort
Very Stiff	2.0 - 4.0	2.0 - 4.0	1.0 - 2.0	Readily indented by thumbnail
Hard	> 4.0	> 4.0	> 2.0	Indented by thumbnail with difficulty

APPARENT DENSITY OF COHESIONLESS SOILS

Descriptor	SPT N_{60} - Value (blows / foot)
Very Loose	0 - 4
Loose	5 - 10
Medium Dense	11 - 30
Dense	31 - 50
Very Dense	> 50

MOISTURE

Descriptor	Criteria
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp but no visible water
Wet	Visible free water, usually soil is below water table

PERCENT OR PROPORTION OF SOILS

Descriptor	Criteria
Trace	Particles are present but estimated to be less than 5%
Few	5 to 10%
Little	15 to 25%
Some	30 to 45%
Mostly	50 to 100%

SOIL PARTICLE SIZE

Descriptor		Size
Boulder		> 12 inches
Cobble		3 to 12 inches
Gravel	Coarse	3/4 inch to 3 inches
	Fine	No. 4 Sieve to 3/4 inch
Sand	Coarse	No. 10 Sieve to No. 4 Sieve
	Medium	No. 40 Sieve to No. 10 Sieve
	Fine	No. 200 Sieve to No. 40 Sieve
Silt and Clay		Passing No. 200 Sieve

PLASTICITY OF FINE-GRAINED SOILS

Descriptor	Criteria
Nonplastic	A 1/8-inch thread cannot be rolled at any water content.
Low	The thread can barely be rolled, and the lump cannot be formed when drier than the plastic limit.
Medium	The thread is easy to roll, and not much time is required to reach the plastic limit; it cannot be rerolled after reaching the plastic limit. The lump crumbles when drier than the plastic limit.
High	It takes considerable time rolling and kneading to reach the plastic limit. The thread can be rerolled several times after reaching the plastic limit. The lump can be formed without crumbling when drier than the plastic limit.

CEMENTATION

Descriptor	Criteria
Weak	Crumbles or breaks with handling or little finger pressure.
Moderate	Crumbles or breaks with considerable finger pressure.
Strong	Will not crumble or break with finger pressure.

NOTE: This legend sheet provides descriptors and associated criteria for required soil description components only. Refer to Caltrans Soil and Rock Logging, Classification, and Presentation Manual (2010), Section 2, for tables of additional soil description components and discussion of soil description and identification.

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REPORT TITLE
BORING RECORD LEGEND

DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870

PROJECT OR BRIDGE NAME
I-10 Pennsylvania Avenue, Beaumont, California

BRIDGE NUMBER	PREPARED BY	DATE	SHEET
N/A	M. Palmer	12-23-19	2 of

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PROJECT NUMBER: 20182212.001A

LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-12-19	11-12-19	33.92916° / -116.96602° WGS84	A-19-001
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,605 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hand Auger			Hand Auger	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings and patched with concrete			Not Encountered / Not Encountered	3.0 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		ASPHALT CONCRETE (5").												
			BASE COURSE (4").												
			SILTY, CLAYEY SAND (SC-SM); loose; dark reddish brown; moist; trace fine to coarse subrounded GRAVEL, 3 in. max. dia.; mostly fine to medium SAND; some fines; low plasticity (FILL).		1					7					Hand auger to 3 feet, difficult
					2					10					M, CP, PI
															EI
															M
			Bottom of borehole at 3.0 ft bgs												
2600.0	5														
2595.0	10														
2590.0	15														
2585.0	20														
2580.0	25														
2575.0	30														
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-001
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A
OFFICE FILTER: SAN DIEGO

LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-11-19	11-11-19	33.92834° / -116.96596° WGS84	A-19-002
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,601 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	11.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
2600.0	0		SILTY SAND (SM); light brownish gray; moist; mostly fine to medium SAND; some fines (FILL).		1					6					Hand auger to 5 feet, very difficult M
			CLAYEY SAND (SC); dark reddish brown; moist; mostly fine to coarse SAND; some fines (ALLUVIUM).		2					12					M, PI, R, CR
2595.0	5		medium dense.		3	5 1 11	12	89		12					M
			SILTY SAND (SM); medium dense; dark reddish brown; moist; mostly fine SAND; some fines.												
2590.0	10				4	12 14 17	31	100		11	122				M, UW
			Bottom of borehole at 11.5 ft bgs												
2585.0	15														
2580.0	20														
2575.0	25														
2570.0	30														
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-002
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A OFFICE FILTER: SAN DIEGO
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LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-13-19	11-13-19	33.92784° / -116.96543° WGS84	A-19-003
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,601 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING: Not Encountered; AFTER DRILLING (DATE): Not Encountered	TOTAL DEPTH OF BORING
auger cuttings				16.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
2600.0	0		SILTY SAND with GRAVEL (SM); light brownish gray; dry; little subangular to subrounded GRAVEL, 1 in. max. dia.; mostly fine to coarse SAND; little fines (FILL).												Hand auger to 5 feet, moderate to difficult
			SILTY SAND (SM); reddish brown; moist; mostly fine to medium SAND; some fines.		1					8					M
			CLAYEY SAND (SC); dark reddish brown; moist; mostly fine to coarse SAND; some fines (ALLUVIUM).												
2595.0	5		medium dense.		2	6 10 16	26			15	117				M, UW
2590.0	10				3	4 5 8	13			14					M, PI
			SILTY SAND (SM); dense; reddish brown; moist; trace fine subrounded GRAVEL, ½ in. max. dia.; mostly fine SAND; some fines.												
2585.0	15				4	9 14 22	36			10	118				M, UW
			Bottom of borehole at 16.5 ft bgs												
2580.0	20														
2575.0	25														
2570.0	30														
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-003
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-13-19	11-13-19	33.92757° / -116.96463° WGS84	A-19-004
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,604 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	31.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		MULCH / WOODCHIPS (~6").												Hand auger to 5 feet, moderate to difficult
			SILTY SAND (SM); reddish brown; moist; mostly fine to medium SAND; some fines (FILL).		1					8					M
2600.0			CLAYEY SAND (SC); medium dense; dark reddish brown; moist; mostly fine to coarse SAND; some fines (ALLUVIUM).												
	5				2	3 5 6	11	100		14					M, PI
2595.0															
	10		trace fine subangular gravel up to ½-inch.		3	10 14 24	38	100		12	123				M, UW, DS
2590.0															
	15		no gravel.		4	4 5 8	13	100							
2585.0															
	20		fine to medium sand.		5	6 8 13	21	100		17	113				M, UW
2580.0															
	25		increased fines.		6	5 8 13	21	100							
2575.0															
	30		dense; fine to coarse sand, trace subangular gravel up to 1-inch.		7	9 16 22	38	100		15	112				M, UW
			Bottom of borehole at 31.5 ft bgs												
2570.0	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-004
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A
OFFICE FILTER: SAN DIEGO

LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-13-19	11-13-19	33.92764° / -116.96376° WGS84	A-19-005
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,602 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	31.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		SILTY SAND with GRAVEL (SM); light brownish gray; dry; little fine to coarse subangular to subrounded GRAVEL, 1 in. max. dia.; mostly fine to coarse SAND; few fines (FILL).							10					Hand auger to 5 feet, easy to moderate M, PI, R
2600.0			CLAYEY SAND (SC); reddish brown; moist; trace fine subangular to subrounded GRAVEL, ½ in. max. dia.; mostly fine to medium SAND; some fines.		21					7					M
	5		CLAYEY SAND (SC); medium dense; dark reddish brown; moist; mostly fine to coarse SAND; some fines (ALLUVIUM).		3	2 4 12	16	100		13	118				CL M, UW
2595.0															
	10		fine to medium sand.		4	5 7 8	15	100		16					M, PI
2590.0															
	15		SILTY SAND (SM); very dense; reddish brown; moist; trace fine subangular GRAVEL, ½ in. max. dia.; mostly fine to medium SAND; some fines.		5	17 36 50/5"	86/11	94		8	128				M, UW
2585.0															
	20		medium dense; yellowish brown; fine sand.		6	6 8 9	17	94							
2580.0															
	25		dense.		7	17 24 31	55	100		7	118				M, UW
2575.0															
	30		very dense.		8	12 18 25	43	94							
2570.0			Bottom of borehole at 31.5 ft bgs												
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-005
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A
OFFICE FILTER: SAN DIEGO

LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-11-19	11-11-19	33.92693° / -116.96781° WGS84	A-19-006
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,605 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	26.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		SILTY SAND (SM); light brownish gray; dry to moist; mostly fine to medium SAND; some fines (FILL).												Hand auger to 5 feet, difficult
					1					5					M
			CLAYEY SAND (SC); dense; dark reddish brown; dry to moist; mostly fine to coarse SAND; some fines (ALLUVIUM).												
2600.0	5				2	10 12 13	25	83		13					M, PI
2595.0	10		very dense.		3	16 26 47	73	100		9	126				M, UW, C
2590.0	15		dense.		4	9 11 12	23	100							
2585.0	20		trace fine subangular gravel up to ½-inch.		5	19 20 33	53	100		9	115				M, UW
			SILTY SAND (SM); dense; yellowish brown; dry to moist; mostly fine to medium SAND; some fines.												
2580.0	25				6	11 14 16	30	89							
			Bottom of borehole at 26.5 ft bgs												
2575.0	30														
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-006
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-11-19	11-11-19	33.92685° / -116.96633° WGS84	A-19-007
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,597 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	51.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		SILTY SAND (SM); light brownish gray; dry to moist; mostly fine to medium SAND; some fines (FILL).												Hand auger to 5 feet, difficult
2595.0			CLAYEY SAND (SC); dark reddish brown; moist; mostly fine to medium SAND; some fines (ALLUVIUM).		1					4					M
					2					14					M, PI, R, CR EI
	5		medium dense, fine to coarse sand.		3	7 10 15	25	100		15	119				M, UW, DS CL
2590.0															
	10		increased fines.		4	4 7 7	14	100		13					M, PI
2585.0															
	15		dense.		5	8 13 24	37	100		12	123				M, UW, DS
2580.0															
	20		POORLY GRADED SAND with SILT (SP-SM); dense; reddish brown; moist; mostly fine to coarse SAND; trace fines.		6	6 11 12	23	100							
2575.0															
	25		CLAYEY SAND (SC); medium dense; dark reddish brown; moist; mostly fine to medium SAND; some fines.		7	7 12 15	27	100		16	117				M, UW
2570.0															
	30				8	6 5 7	12	100							
2565.0															
	35		SILTY SAND (SM); dense; yellowish brown; moist; mostly fine SAND; some fines.												

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-007
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A
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ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	35		SILTY SAND (SM); dense; yellowish brown; moist; mostly fine SAND; some fines.		9	9 14 21	35	100		26	101				M, UW
2560.0															
	40		medium dense, few clay.		10	6 9 11	20	100							
2555.0															
	45		dense, reddish brown, fine to coarse sand.		11	13 24 27	51	100		18	110				M, UW
2550.0															
	50				12	8 14 18	32	100							
2545.0			Bottom of borehole at 51.5 ft bgs												
	55														
2540.0															
	60														
2535.0															
	65														
2530.0															
	70														
2525.0															
	75														

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REPORT TITLE **BORING RECORD**				HOLE ID **A-19-007**
DIST. **08**	COUNTY **Riverside**	ROUTE **10**	POSTMILE **8.22**	EA **1H870**
PROJECT OR BRIDGE NAME **I-10 Pennsylvania Avenue, Beaumont, California**				
BRIDGE NUMBER **N/A**	PREPARED BY **M. Palmer**		DATE **12-23-19**	SHEE **2 o**

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PROJECT NUMBER: 20182212.001A
OFFICE FILTER: SAN DIEGO

LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-12-19	11-12-19	33.92547° / -116.96595° WGS84	A-19-008
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,591 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	16.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
2590.0	0		SILTY SAND (SM); light brownish gray; dry; few GRAVEL; mostly fine to coarse SAND; little fines (FILL).												Hand auger to 5 feet, difficult
			CLAYEY SAND (SC); dark reddish brown; moist; mostly fine to coarse SAND; some fines (ALLUVIUM).		1					10					M
					2					12					M, PI
	5		medium dense.		3	8 13 20	33			16	116				M, UW
2585.0															
	10		dense.		4	10 10 13	23			12					M
2580.0															
	15		increase in coarse sand.		5	11 17 21	38			6	116				M, UW
2575.0			Bottom of borehole at 16.5 ft bgs												
	20														
2570.0															
	25														
2565.0															
	30														
2560.0															
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-008
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-11-19	11-11-19	33.92380° / -116.96593° WGS84	A-19-009
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,588 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	16.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		SILTY SAND (SM); light brownish gray; dry; mostly fine to medium SAND; some fines (FILL).												Hand auger to 5 feet, difficult
					1					8					M
2585.0			CLAYEY SAND (SC); dense; dark reddish brown; moist; mostly fine to coarse SAND; some fines (ALLUVIUM).												
	5				2	10 14 23	37	100		15	116				M, UW
2580.0															
	10				3	8 11 11	22	94		14					M, PI
2575.0			SILTY SAND (SM); medium dense; dark reddish brown; moist; mostly fine SAND; some fines.												
	15				4	7 9 11	20	100		10	112				M, UW
			Bottom of borehole at 16.5 ft bgs												
2570.0	20														
2565.0															
	25														
2560.0															
	30														
2555.0															
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-009
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-11-19	11-11-19	33.92340° / -116.96592° WGS84	A-19-010
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,587 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	16.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
2585.0	0		SILTY SAND (SM); light brownish gray; dry; mostly fine to medium SAND; some fines (FILL).							7					Hand auger to 5 feet, difficult M, CP, CR
					21					5					M
			SANDY LEAN CLAY (CL); stiff; dark reddish brown; moist; some fine to coarse SAND; medium plasticity (ALLUVIUM).												
	5				3	12 14 14	28	83		12					M
2580.0			CLAYEY SAND (SC); dense; dark reddish brown; moist; mostly fine to coarse SAND; some fines.												
	10		fine to medium sand.		4	10 15 24	39	100		15	114				M, UW
2575.0			SILTY SAND (SM); medium dense; dark reddish brown; moist; mostly fine SAND; some fines.												
	15				5	4 7 8	15	100							
2570.0			Bottom of borehole at 16.5 ft bgs												
	20														
2565.0															
	25														
2560.0															
	30														
2555.0															
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-010
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEE
N/A	M. Palmer		12-23-19	1 o

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LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-12-19	11-12-19	33.92215° / -116.96605° WGS84	A-19-011
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,578 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hollow Stem Auger			B-53	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")			Auto; 140 lbs / 30-inch drop	82%
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings and patched with concrete			Not Encountered / Not Encountered	16.5 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		ASPHALT CONCRETE (3"). BASE COURSE (18").												Hand auger to 5 feet, difficult
2575.0			SANDY LEAN CLAY (CL); stiff; dark reddish brown; moist; some fine to coarse SAND; medium plasticity (ALLUVIUM).		1					14					M, PI, R
					2					16					M
	5				3	7 13 20	33			22	103				M, UW
2570.0															
	10				4	5 7 12	19			13					M
2565.0															
	15				5	12 24 32	56			13	122				M, UW
2560.0			Bottom of borehole at 16.5 ft bgs												
	20														
2555.0															
	25														
2550.0															
	30														
2545.0															
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				A-19-011
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A
OFFICE FILTER: SAN DIEGO

LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-13-19	11-13-19	33.92782° / -116.96538° WGS84	INF-1
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,601 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hand Auger			Hand Auger	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")				
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	5.0 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
2600.0	0		SILTY SAND with GRAVEL (SM); light brownish gray; dry; little fine to coarse GRAVEL, 1 in. max. dia.; mostly fine to coarse SAND; little fines (FILL).												Hand auger to 5 feet, moderate to difficult
			SILTY SAND (SM); reddish brown; moist; mostly fine to medium SAND; some fines.		1					7					M
			CLAYEY SAND (SC); dark reddish brown; moist; mostly fine to coarse SAND; some fines.		2					13					M, PA
2595.0	5		Bottom of borehole at 5.0 ft bgs												
2590.0	10														
2585.0	15														
2580.0	20														
2575.0	25														
2570.0	30														
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				INF-1
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-13-19	11-13-19	33.92783° / -116.96550° WGS84	INF-2
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,600 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hand Auger			Hand Auger	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")				
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	5.0 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		SILTY SAND with GRAVEL (SM); light brownish gray; dry; little fine to coarse GRAVEL; mostly fine to coarse SAND; little fines (FILL).												Hand auger to 5 feet, difficult
			SILTY SAND (SM); reddish brown; moist; mostly fine to medium SAND; some fines.		1					7					M
			SANDY LEAN CLAY (CL); dark reddish brown; moist; some fine to coarse SAND; medium plasticity (ALLUVIUM).		2					15					M, PA
2595.0	5		Bottom of borehole at 5.0 ft bgs												
2590.0	10														
2585.0	15														
2580.0	20														
2575.0	25														
2570.0	30														
	35														

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REPORT TITLE				HOLE ID
BORING RECORD				INF-2
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A
OFFICE FILTER: SAN DIEGO

LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-13-19	11-13-19	33.92384° / -116.96592° WGS84	INF-3
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,588 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hand Auger			Hand Auger	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")				
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	5.0 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		SILTY SAND (SM); light brownish gray; dry; mostly fine to medium SAND; some fines (FILL).												Hand auger to 5 feet, very difficult
					1					5					M
2585.0			SANDY LEAN CLAY (CL); dark reddish brown; moist; some fine to coarse SAND; medium plasticity (ALLUVIUM).												
	5				2					15					M, PA
			Bottom of borehole at 5.0 ft bgs												
2580.0	10														
2575.0	15														
2570.0	20														
2565.0	25														
2560.0	30														
2555.0	35														

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REPORT TITLE				HOLE ID
BORING RECORD				INF-3
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-12-19	11-12-19	33.92379° / -116.96615° WGS84	INF-4
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,588 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hand Auger			Hand Auger	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")				
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	5.0 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		SILTY SAND (SM); light brownish gray; dry; mostly fine to medium SAND; some fines (FILL).												Hand auger to 5 feet, difficult
2585.0			SANDY LEAN CLAY (CL); dark reddish brown; moist; some fine to coarse SAND; medium plasticity (ALLUVIUM).		1					15					M
	5				2					12					M, PA
			Bottom of borehole at 5.0 ft bgs												
2580.0	10														
2575.0	15														
2570.0	20														
2565.0	25														
2560.0	30														
2555.0	35														

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REPORT TITLE				HOLE ID
BORING RECORD				INF-4
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A
OFFICE FILTER: SAN DIEGO

LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-12-19	11-12-19	33.92211° / -116.96616° WGS84	INF-5
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,577 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hand Auger			Hand Auger	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")				
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	5.0 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		SILTY SAND (SM); light brownish gray; dry; mostly fine to medium SAND; some fines (FILL).												Hand auger to 5 feet
2575.0			SANDY LEAN CLAY (CL); dark reddish brown; moist; some fine to coarse SAND; medium plasticity (ALLUVIUM).		1					9					M
	5				2					18					M, PA
			Bottom of borehole at 5.0 ft bgs												
2570.0	10														
2565.0	15														
2560.0	20														
2555.0	25														
2550.0	30														
2545.0	35														

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REPORT TITLE				HOLE ID
BORING RECORD				INF-5
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A
OFFICE FILTER: SAN DIEGO

LOGGED BY	BEGIN DATE	COMPLETION DATE	BOREHOLE LOCATION (Lat/Long or North/East and Datum)	HOLE ID
R. Ferryman	11-12-19	11-12-19	33.92215° / -116.96589° WGS84	INF-6
DRILLING CONTRACTOR			BOREHOLE LOCATION (Offset, Station, Line)	SURFACE ELEVATION
California Pacific Drilling			Not Available	~2,578 ft
DRILLING METHOD			DRILL RIG	BOREHOLE DIAMETER
Hand Auger			Hand Auger	8 in
SAMPLER TYPE(S) AND SIZE(S) (ID)			SPT HAMMER TYPE	HAMMER EFFICIENCY, ERi
SPT (1.4"), CAL (2.4")				
BOREHOLE BACKFILL AND COMPLETION			GROUNDWATER READINGS DURING DRILLING / AFTER DRILLING (DATE)	TOTAL DEPTH OF BORING
auger cuttings			Not Encountered / Not Encountered	5.0 ft

ELEVATION (ft)	DEPTH (ft)	Material Graphics	DESCRIPTION	Sample Location	Sample Number	Blows per 6 in.	Blows per foot	Recovery (%)	RQD (%)	Moisture Content (%)	Dry Unit Weight (pcf)	Shear Strength (tsf)	Drilling Method	Casing Depth	Remarks
	0		SILTY SAND (SM); light brownish gray; dry; mostly fine to medium SAND; some fines (FILL).												Hand auger to 5 feet
2575.0			SANDY LEAN CLAY (CL); dark reddish brown; moist; some fine to coarse SAND; medium plasticity (ALLUVIUM).		1					5					M
	5		Bottom of borehole at 5.0 ft bgs		2					13					M, PA
2570.0	10														
2565.0	15														
2560.0	20														
2555.0	25														
2550.0	30														
2545.0	35														

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REPORT TITLE				HOLE ID
BORING RECORD				INF-6
DIST.	COUNTY	ROUTE	POSTMILE	EA
08	Riverside	10	8.22	1H870
PROJECT OR BRIDGE NAME				
I-10 Pennsylvania Avenue, Beaumont, California				
BRIDGE NUMBER	PREPARED BY		DATE	SHEET
N/A	M. Palmer		12-23-19	1 of

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PROJECT NUMBER: 20182212.001A
OFFICE FILTER: SAN DIEGO

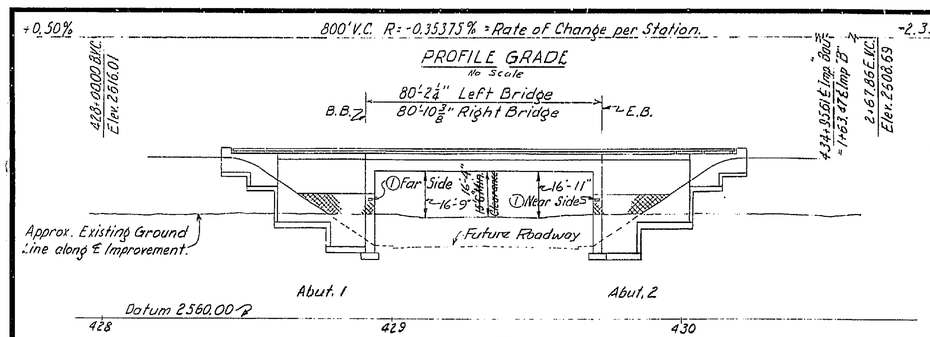
Item 8.

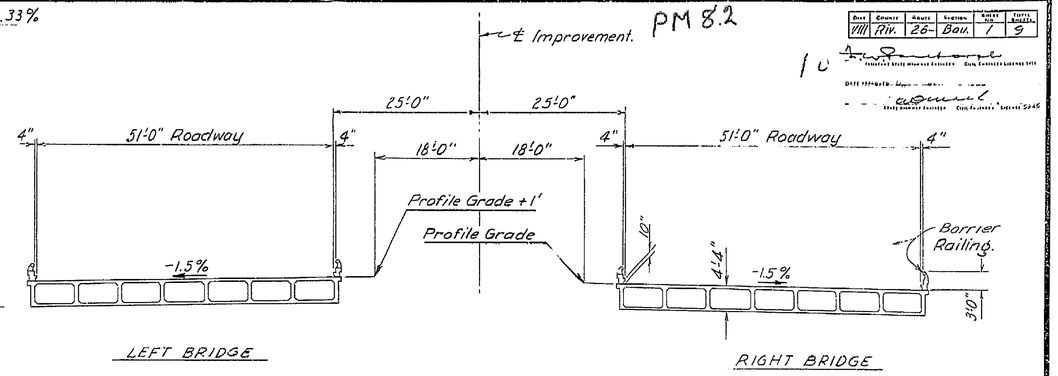
FED ROAD DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			230	291

I-010-2(11)94 I-010-3(7)95

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VIII	RIV.	26-	Bau.	7	9

PM 8.2





LEFT BRIDGE

RIGHT BRIDGE

TYPICAL SECTION
1"=10'

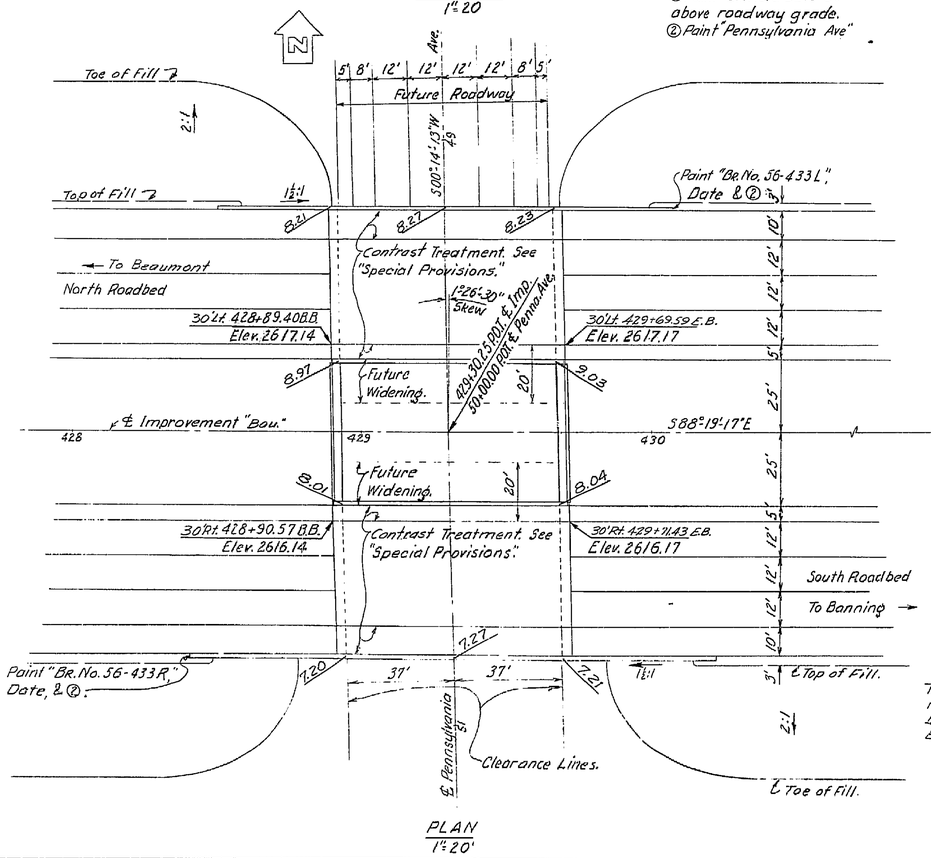
APPROXIMATE QUANTITIES

*STRUCTURE EXCAVATION (BRIDGE)	2,045 C.Y.
*STRUCTURE BACKFILL (BRIDGE)	2,720 C.Y.
*CLASS "A" CONCRETE (BRIDGE)	1,885 C.Y.
RUBBER WATERSTOPS	230 L.F.
*BAR REINFORCING STEEL (BRIDGE)	321,000 LBS.
MISCELLANEOUS METAL (BRIDGE)	70 LBS.
CONTRAST TREATMENT	270 S.Y.
BARRIER RAILING, TYPE 1	495 L.F.
METAL SAFETY RAILING	94 L.F.

*FINAL ~~ESTIMATE~~ QUANTITIES

ELEVATION
1"=20'

① Paint Br. No. & Date 5' above roadway grade.
② Paint "Pennsylvania Ave"



PLAN
1"=20'

INDEX TO PLANS

SHEET NO.	TITLE
1	General Plan.
2	Foundation Plan.
3.	Abutments.
4.	Abutment Details.
5.	Wing Walls.
6.	Typical Section.
7.	Girder Layout.
8.	Girder Reinforcement
9.	Log of Test Borings.

See Br. Dr. 326L

B-1	Barrier Railing.
B-3	Type 1 Cantilever Retaining Wall
B-4	Retaining Wall Details No. 1.
B-5	Standard Details No. 1.
B-6	Standard Details No. 2.

For Electrical Details See Road Plans.

Note: Sheet numbers prefixed with "B" apply to several structures and are grouped together and titled "BRIDGE DETAILS"

DRAFT

AS BUILT PLANS
Contract No. 60-8VC11
Date Completed
Document No. 80000838

T.B.M. Copper nail in barrier rail at Abut. #2 South Bridge 13-A-61 Elev. 2618.04

Note: For "General Notes" for this set of plans see "Foundation Plan" sheet.

Live Loading = H20-S16-44 & Alternative

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 2-8-62, AS SUBMITTED BY RESIDENT ENGINEER M. Cogel
TRACINGS CORRECTED BY: [illegible] DATE: 3-8-62

BRIDGE DEPARTMENT
... DESIGN SECTION ... 7
Project Designer: Harvey E. Tibbitts
Chief Designer: Orval Ely

DESIGN	By RC Blake 1/58	Checked	M.C. Wilson 4/59
DETAILS	By R.C. Blake 11/59	Checked	M.C. Wilson 12/59
QUANTITIES	By J. Edwards 7-59	Checked	H. Tibbitts 7-59
SPECIFICATIONS	By JCB 7-59	Plans and Estimate Completed	JCB 7-59
Approval Recommended by	Engineer of Design	Chief Engineer Final Estimate No.	Date

60-8VC11
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

PENNSYLVANIA AVENUE UNDERCROSSING

LOCATED IN THE CITY OF BEAUMONT IN RIVERSIDE COUNTY

GENERAL PLAN

SCALE AS NOTED | BRIDGE 56-433 L/R | FILE | DRAWING C-5770-1

PREL. DRAWING NO. P- 57 1 3 7x21

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THE DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE / / / SIGNATURE _____ TITLE _____

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FED. ROAD DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CAL.			238	297

F-610-2(11)94 F-610-3(7)95

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VIII	RIV	25	Bou.	9	9

DATE APPROVED _____

BRIDGE DEPARTMENT

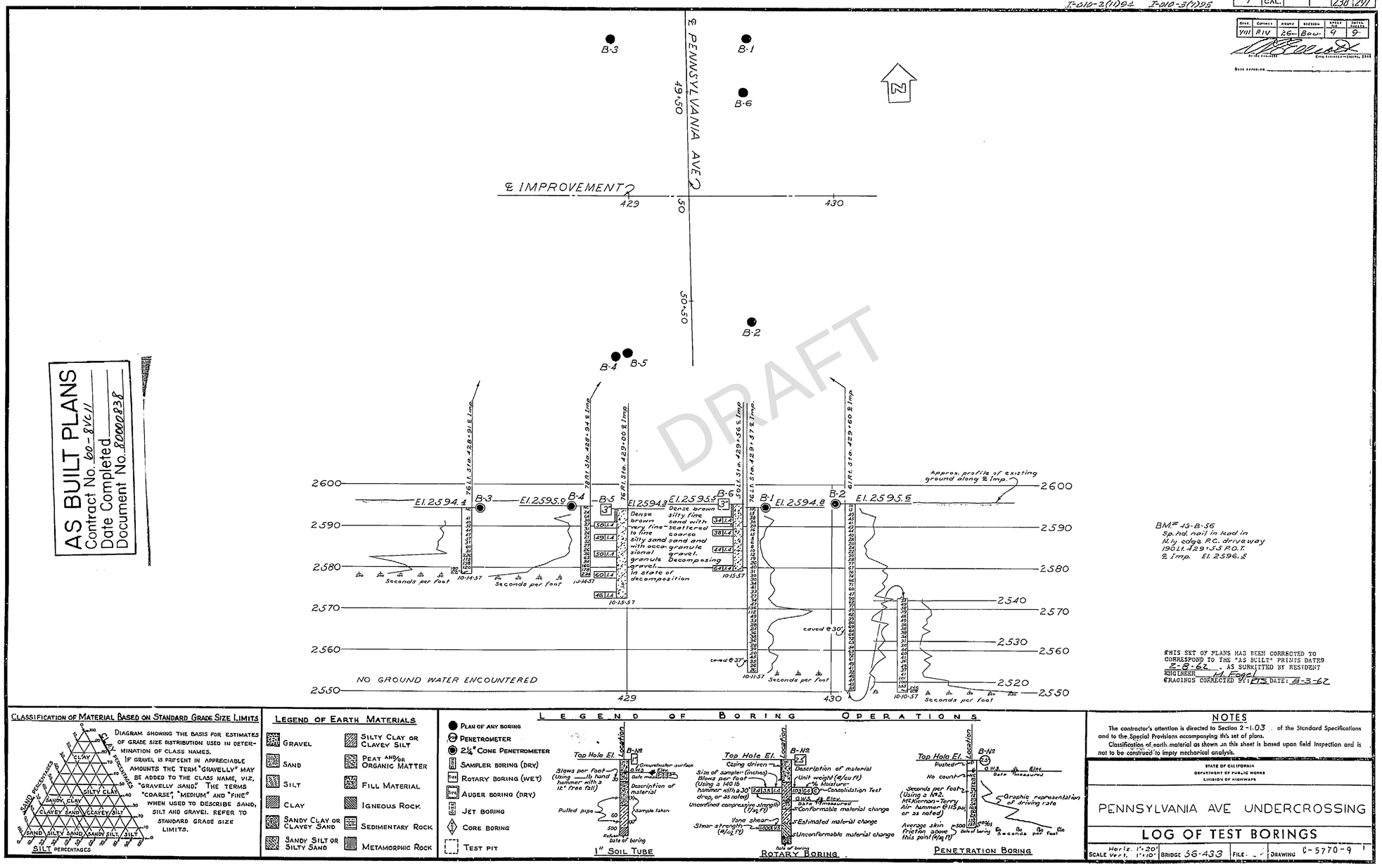
AS BUILT PLANS
Contract No. 60-876111
Date Completed _____
Document No. R0002838

REVISION
Change of Grade
Apr. 1957

FIELD STUDY	E. Eaton	10-14-57
DRAWN	E. Perkins	12-3-57
CHECKED	Rich Gaede	12-4-57

Approved Recommended for _____ Bridge Engineer
_____ Bridge Engineer
_____ Assistant Bridge Engineer

DRAFT



BM # 13-B-56
Sp. hd. nail in lead in N. ly edge R.C. driveway 190 Lt. 1291.53 R.O.T. 2.1 mp. El. 2596.5

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 5-3-62, AS SUBMITTED BY RESIDENT ENGINEER M. Fogel
GRADINGS CORRECTED BY: PTS DATE: 8-3-62

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS

DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN DETERMINATION OF CLASS NAMES. IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND." THE TERMS "COARSE," "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL, REFER TO STANDARD GRADE SIZE LIMITS.

LEGEND OF EARTH MATERIALS

- GRAVEL
- SAND
- SILT
- CLAY
- SANDY CLAY OR CLAYEY SAND
- SANDY SILT OR SILTY SAND
- SILTY CLAY OR CLAYEY SILT
- PEAT AND/OR ORGANIC MATTER
- FILL MATERIAL
- IGNEOUS ROCK
- SEDIMENTARY ROCK
- METAMORPHIC ROCK

LEGEND OF BORING OPERATIONS

- PLAN OF ANY BORING
- PENETROMETER
- 2½" CONE PENETROMETER
- SAMPLER BORING (DRY)
- ROTARY BORING (WET)
- AUGER BORING (DRY)
- JET BORING
- CORE BORING
- TEST PIT

NOTES

The contractor's attention is directed to Section 2-1.03 of the Standard Specifications and to the Special Provisions accompanying this set of plans.

Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

PENNSYLVANIA AVE UNDERCROSSING

LOG OF TEST BORINGS

SCALE Horiz. 1"=20' Vert. 1"=10' | BRIDGE 56-433 | FILE _____ | DRAWING C-5770-9

PREL. DRAWING NO P-5770

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL AT SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE _____ SIGNATURE _____ TITLE _____

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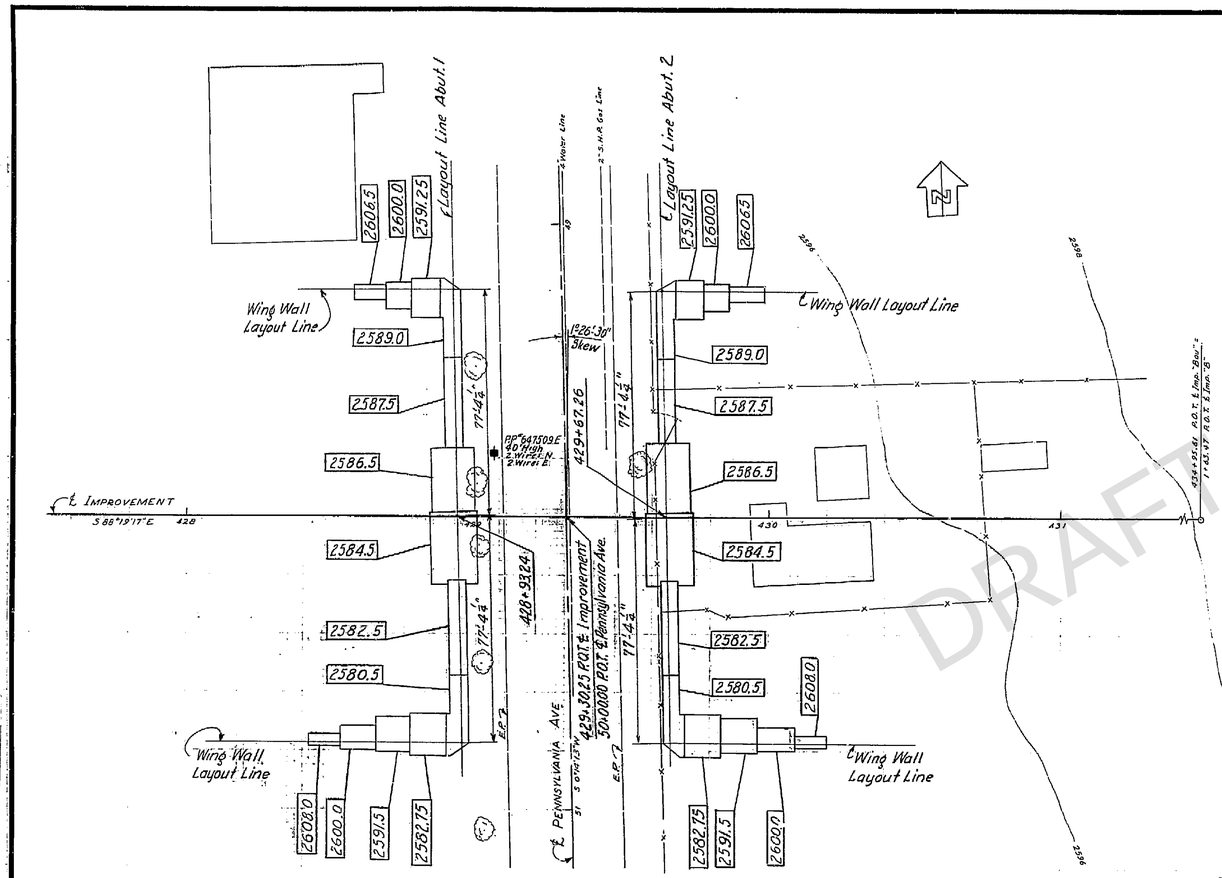
FED. ROAD DIV NO	STATE	PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
7	CALIF			237	291

I-010-3(11)94, I-010-3(11)95

DIST	COUNTY	ROUTE	SECTION	SHEET NO	TOTAL SHEETS
VIII	Riv	26	B-2111	2	9

DATE APPROVED



FOUNDATION PLAN

Note: Elevation of bottom of footing shown thus 2591.0.

GENERAL NOTES

SPECIFICATIONS:

DESIGN: A.A.S.H.O. DATED 1953 WITH REVISIONS AND AS SUPPLEMENTED BY BRIDGE PLANNING AND DESIGN MANUAL.

CONSTRUCTION: STANDARD SPECIFICATIONS, DIVISION OF HIGHWAYS, DATED ~~AUGUST 1956~~ AND THE SPECIAL PROVISIONS. JANUARY 1960

LIVE LOADING: H20-S16-44 AND ALTERNATIVE

UNIT STRESSES:

REINFORCED CONCRETE: F_S = 20,000 P.S.I., N = 10

F_C = 1,200 P.S.I. (EXCEPT AS NOTED)

F_C = 1,000 P.S.I. (ROADWAY SLAB ON GIRDERS)

FOOTING PRESSURE: 5 TONS P.S.F. RIGHT BRIDGE
3.5 TONS P.S.F. LEFT BRIDGE
2.5 TONS P.S.F. WINGWALLS IN FILLS

AS BUILT PLANS
Contract No. 60-8VC11
Date Completed
Document No. 80000838

THIS SET OF PLANS WAS CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 2-8-62, AS SUBMITTED BY RESIDENT ENGINEER W. Fogel
TRACINGS CORRECTED BY: RTS DATE: 2-3-62

B.M. 43-B-56
Sp. hd. nail in lead in N'ly edge P.C. driveway 188' Lt. 428+62 P.O.T. ℄ Imp.
El. 2596.53

B.M. U.S.C.℄G.S. "N448-1949"
Brass disk in top of W end of S. headwall 296' Rt. 429+07 P.O.T. ℄ Imp.
El. 2592.838

CONTOURS CHECKED AND VERIFIED IN FIELD
Date: 9-11-57
By: G. Nagata

Drawn By D.L.DEN. 8-30-57
Checked by M.W. Hanson 9-16-57

REVISION	Changed reference to Sheet 2.	Revised by	Date 10-58
		Revised by	Date
		Revised by	Date

BRIDGE DEPARTMENT
... DESIGN SECTION ...
Project Designer Harry D. Kilcrease
Chief Designer J. Stuckey

DESIGN	By R.C. Blake 1/58	Checked J. McElhaney 8/59	
DETAILS	By R.C. Williamson 2-58	Checked J. McElhaney 8/59	
QUANTITIES	By W. Fedorkow 1-58	Checked J. J. Feighan 8/59	
SPECIFICATIONS	By	Plans and Specs. Compared	

Approval Recommended by: W. J. Reed, Engineer of Design
Civil Engineering Unit License No. 6-4-29
Structural Engineering Unit License No.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

PENNSYLVANIA AVE. UNDERCROSSING

FOUNDATION PLAN

SCALE 1" = 20' | BRIDGE 56-133 | FILE | DRAWING C-5770-2

PREL. DRAWING No. P. 5770 X 13

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONSISTING THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 12-12-61 SIGNATURE [illegible] TITLE [illegible]

DRAFT

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APPENDIX B
Infiltration Testing

DRAFT

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APPENDIX B
INFILTRATION TESTING

Infiltration testing was performed in six 5-foot deep borings advanced using a hand auger. Infiltration testing was performed in order to evaluate the subsurface conditions for stormwater infiltration. Infiltration testing was performed using the Percolation Test Procedure outlined in percolation tests in accordance with the Riverside County Design Handbook for Low Impact Development Best Management Practices (County BMP Manual), dated September 2011.

Infiltration testing took place between November 14 and November 15, 2019. The percolation tests were presoaked using water at least 15 hours prior to testing. The percolation test was performed by adding water via buckets to the hole and measuring the drop over a 30-minute period for at least 6 hours. A water sounder was used to record the water level drop to the nearest 0.01 foot. In accordance with the County BMP Handbook, the last measurement was used to calculate the percolation rate. The results of the infiltration testing are attached to this appendix and the results are discussion in Section 8 of this report.

DRAFT

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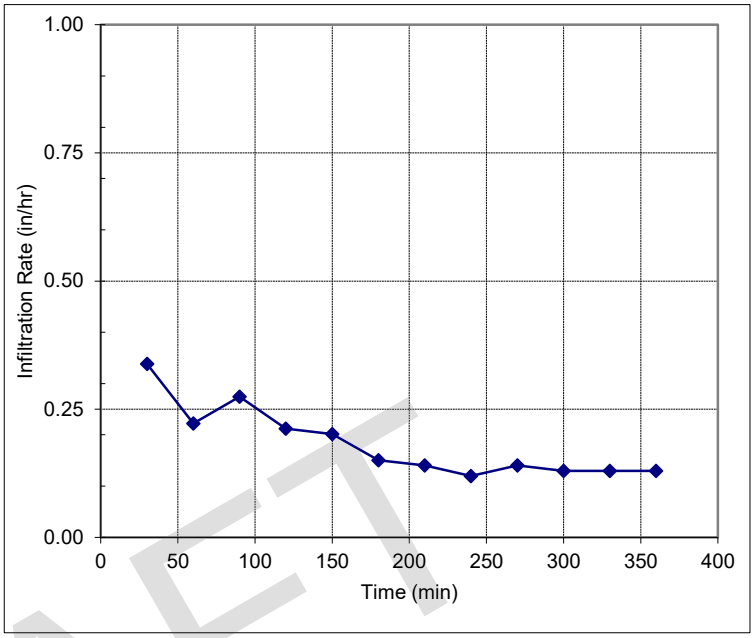
Project: I-10 Pennsylvania
Tester R. Ferryman
Date: November 14, 2019
Location: INF-1

Method: Borehole Percolation Test Procedure

INCREMENTAL INFILTRATION RATE

Time Between Readings (minutes)	Total Elapsed Time (minutes)	Drop in Head (feet)	Percolation Rate (min/in)	Tested Infiltration Rate (in/hour)
25	25	0.43	4.84	0.54
25	50	0.37	5.63	0.46
30	30.00	0.33	7.58	0.34
30	60.00	0.22	11.36	0.22
30	90.00	0.27	9.26	0.27
30	120.00	0.21	11.90	0.21
30	150.00	0.20	12.50	0.20
30	180.00	0.15	16.67	0.15
30	210.00	0.14	17.86	0.14
30	240.00	0.12	20.83	0.12
30	270.00	0.14	17.86	0.14
30	300.00	0.13	19.23	0.13
30	330.00	0.13	19.23	0.13
30	360.00	0.13	19.23	0.13



DRAFT

$$I_t = \frac{\Delta H\ \pi r^2 60}{\Delta t(\pi r^2 + 2\pi r H_{avg})} = \frac{\Delta H\ 60\ r}{\Delta t(r + 2H_{avg})}$$

Where:

I_t = tested infiltration rate, inches/hour
ΔH = change in head over the time interval, inches
Δt = time interval, minutes
$^*r$ = effective radius of test hole
H_{avg} = average head over the time interval, inches

Presoak Level (ft, bgs):	1.50	Final period drop delta d (in):	1.56
Starting water level (ft, bgs):	1.45	Diameter of well casing (in)	2
Well bottom depth (ft, bgs)	5.35	Diameter of boring (in):	8
Water column height Ho (in):	46.8		

KLEINFELDER
Bright People. Right Solutions.

Project No.: 20182212.001A

Boring Percolation Test Method

I-10 Pennsylvania Avenue
Interchange Improvement Project
Beaumont, California

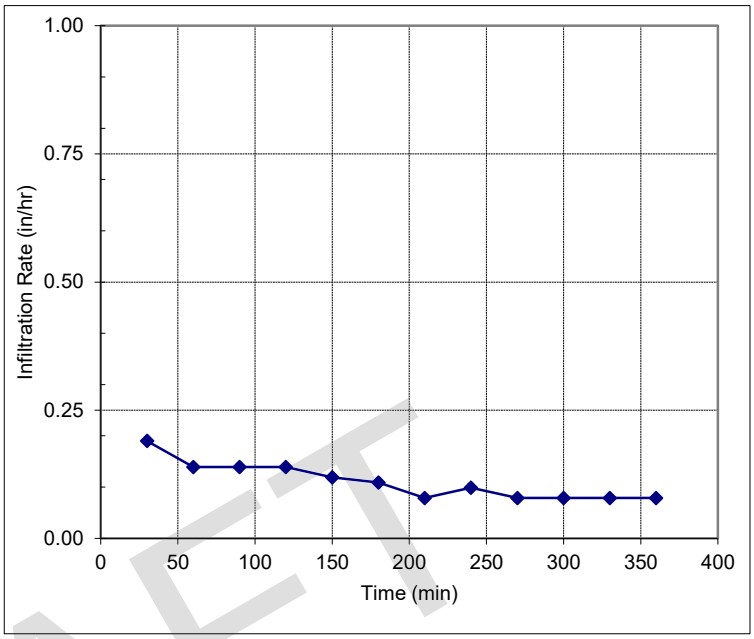
Figure

Project: I-10 Pennsylvania
Tester R. Ferryman
Date: November 14, 2019
Location: INF-2

Method: Borehole Percolation Test Procedure

INCREMENTAL INFILTRATION RATE

Time Between Readings (minutes)	Total Elapsed Time (minutes)	Drop in Head (feet)	Percolation Rate (min/in)	Tested Infiltration Rate (in/hour)
25	25	0.31	6.72	0.38
25	50	0.13	16.03	0.15
30	30.00	0.19	13.16	0.19
30	60.00	0.14	17.86	0.14
30	90.00	0.14	17.86	0.14
30	120.00	0.14	17.86	0.14
30	150.00	0.12	20.83	0.12
30	180.00	0.11	22.73	0.11
30	210.00	0.08	31.25	0.08
30	240.00	0.10	25.00	0.10
30	270.00	0.08	31.25	0.08
30	300.00	0.08	31.25	0.08
30	330.00	0.08	31.25	0.08
30	360.00	0.08	31.25	0.08



DRAFT

$$I_t = \frac{\Delta H\ \pi r^2\ 60}{\Delta t(\pi r^2 + 2\pi r H_{avg})} = \frac{\Delta H\ 60\ r}{\Delta t(r + 2H_{avg})}$$

Where:

I_t = tested infiltration rate, inches/hour
ΔH = change in head over the time interval, inches
Δt = time interval, minutes
*r = effective radius of test hole
H_{avg} = average head over the time interval, inches

Presoak Level (ft, bgs):	1.50	Final period drop delta d (in):	0.96
Starting water level (ft, bgs):	1.46	Diameter of well casing (in)	2
Well bottom depth (ft, bgs)	5.39	Diameter of boring (in):	8
Water column height Ho (in):	47.16		

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Project No.: 20182212.001A

Boring Percolation Test Method

I-10 Pennsylvania Avenue
Interchange Improvement Project
Beaumont, California

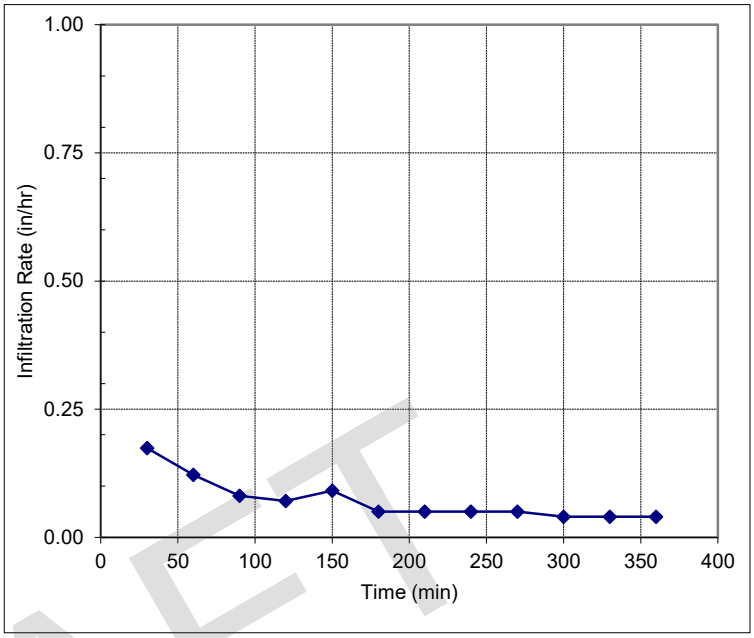
Figure

Project: I-10 Pennsylvania
Tester H. Marquez
Date: November 15, 2019
Location: INF-3

Method: Borehole Percolation Test Procedure

INCREMENTAL INFILTRATION RATE

Time Between Readings (minutes)	Total Elapsed Time (minutes)	Drop in Head (feet)	Percolation Rate (min/in)	Tested Infiltration Rate (in/hour)
25	25	0.27	7.72	0.34
25	50	0.18	11.57	0.22
30	30.00	0.17	14.71	0.17
30	60.00	0.12	20.83	0.12
30	90.00	0.08	31.25	0.08
30	120.00	0.07	35.71	0.07
30	150.00	0.09	27.78	0.09
30	180.00	0.05	50.00	0.05
30	210.00	0.05	50.00	0.05
30	240.00	0.05	50.00	0.05
30	270.00	0.05	50.00	0.05
30	300.00	0.04	62.50	0.04
30	330.00	0.04	62.50	0.04
30	360.00	0.04	62.50	0.04



DRAFT

$$I_t = \frac{\Delta H\ \pi r^2 60}{\Delta t(\pi r^2 + 2\pi r H_{avg})} = \frac{\Delta H\ 60\ r}{\Delta t(r + 2H_{avg})}$$

Where:

I_t = tested infiltration rate, inches/hour
ΔH = change in head over the time interval, inches
Δt = time interval, minutes
$^*r$ = effective radius of test hole
H_{avg} = average head over the time interval, inches

Presoak Level (ft, bgs):	1.50	Final period drop delta d (in):	0.48
Starting water level (ft, bgs):	1.48	Diameter of well casing (in)	2
Well bottom depth (ft, bgs)	5.30	Diameter of boring (in):	8
Water column height Ho (in):	45.84		

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Project No.: 20182212.001A

Boring Percolation Test Method

I-10 Pennsylvania Avenue
Interchange Improvement Project
Beaumont, California

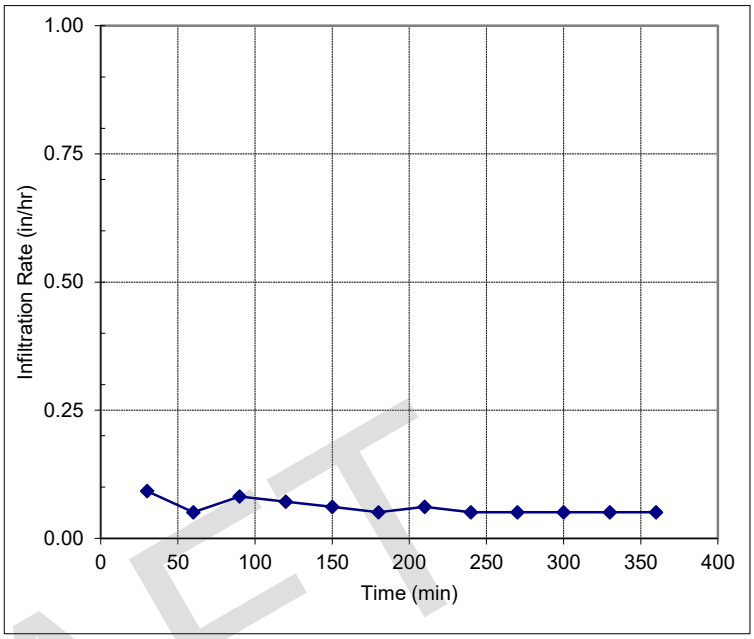
Figure

Project: I-10 Pennsylvania
Tester H. Marquez
Date: November 15, 2019
Location: INF-4

Method: Borehole Percolation Test Procedure

INCREMENTAL INFILTRATION RATE

Time Between Readings (minutes)	Total Elapsed Time (minutes)	Drop in Head (feet)	Percolation Rate (min/in)	Tested Infiltration Rate (in/hour)
25	25	0.33	6.31	0.42
25	50	0.21	9.92	0.26
30	30.00	0.09	27.78	0.09
30	60.00	0.05	50.00	0.05
30	90.00	0.08	31.25	0.08
30	120.00	0.07	35.71	0.07
30	150.00	0.06	41.67	0.06
30	180.00	0.05	50.00	0.05
30	210.00	0.06	41.67	0.06
30	240.00	0.05	50.00	0.05
30	270.00	0.05	50.00	0.05
30	300.00	0.05	50.00	0.05
30	330.00	0.05	50.00	0.05
30	360.00	0.05	50.00	0.05



DRAFT

$$I_t = \frac{\Delta H\ \pi r^2 60}{\Delta t(\pi r^2 + 2\pi r H_{avg})} = \frac{\Delta H\ 60\ r}{\Delta t(r + 2H_{avg})}$$

Where:

I_t = tested infiltration rate, inches/hour
ΔH = change in head over the time interval, inches
Δt = time interval, minutes
$^*r$ = effective radius of test hole
H_{avg} = average head over the time interval, inches

Presoak Level (ft, bgs):	1.50	Final period drop delta d (in):	0.6
Starting water level (ft, bgs):	1.51	Diameter of well casing (in)	2
Well bottom depth (ft, bgs)	5.29	Diameter of boring (in):	8
Water column height Ho (in):	45.36		

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Project No.: 20182212.001A

Boring Percolation Test Method

I-10 Pennsylvania Avenue
Interchange Improvement Project
Beaumont, California

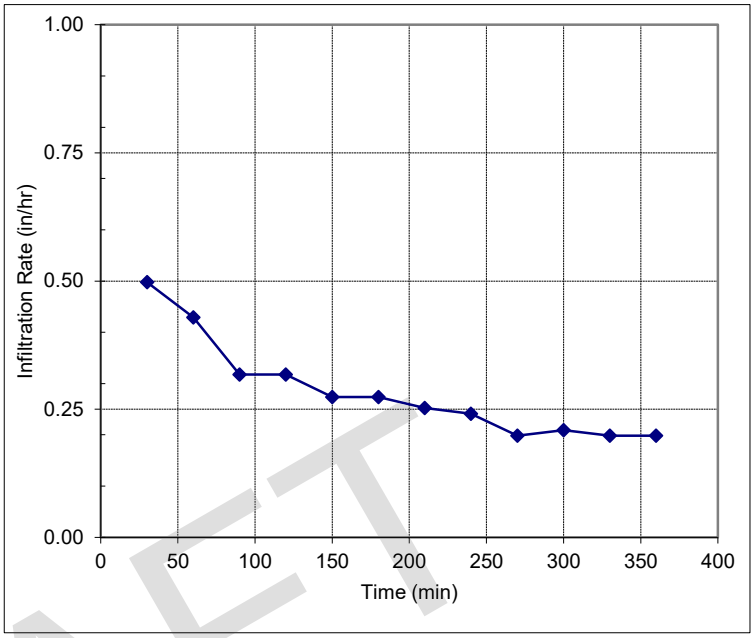
Figure

Project: I-10 Pennsylvania
Tester R. Ferryman
Date: November 15, 2019
Location: INF-5

Method: Borehole Percolation Test Procedure

INCREMENTAL INFILTRATION RATE

Time Between Readings (minutes)	Total Elapsed Time (minutes)	Drop in Head (feet)	Percolation Rate (min/in)	Tested Infiltration Rate (in/hour)
25	25	0.87	2.39	1.20
25	50	0.46	4.53	0.60
30	30.00	0.46	5.43	0.50
30	60.00	0.40	6.25	0.43
30	90.00	0.30	8.33	0.32
30	120.00	0.30	8.33	0.32
30	150.00	0.26	9.62	0.27
30	180.00	0.26	9.62	0.27
30	210.00	0.24	10.42	0.25
30	240.00	0.23	10.87	0.24
30	270.00	0.19	13.16	0.20
30	300.00	0.20	12.50	0.21
30	330.00	0.19	13.16	0.20
30	360.00	0.19	13.16	0.20



DRAFT

$$I_t = \frac{\Delta H\ \pi r^2 60}{\Delta t(\pi r^2 + 2\pi r H_{avg})} = \frac{\Delta H\ 60\ r}{\Delta t(r + 2H_{avg})}$$

Where:

I_t = tested infiltration rate, inches/hour
ΔH = change in head over the time interval, inches
Δt = time interval, minutes
$^*r$ = effective radius of test hole
H_{avg} = average head over the time interval, inches

Presoak Level (ft, bgs):	1.50	Final period drop delta d (in):	2.28
Starting water level (ft, bgs):	1.52	Diameter of well casing (in)	2
Well bottom depth (ft, bgs)	5.28	Diameter of boring (in):	8
Water column height Ho (in):	45.12		

KLEINFELDER
Bright People. Right Solutions.

Project No.: 20182212.001A

Boring Percolation Test Method

I-10 Pennsylvania Avenue
Interchange Improvement Project
Beaumont, California

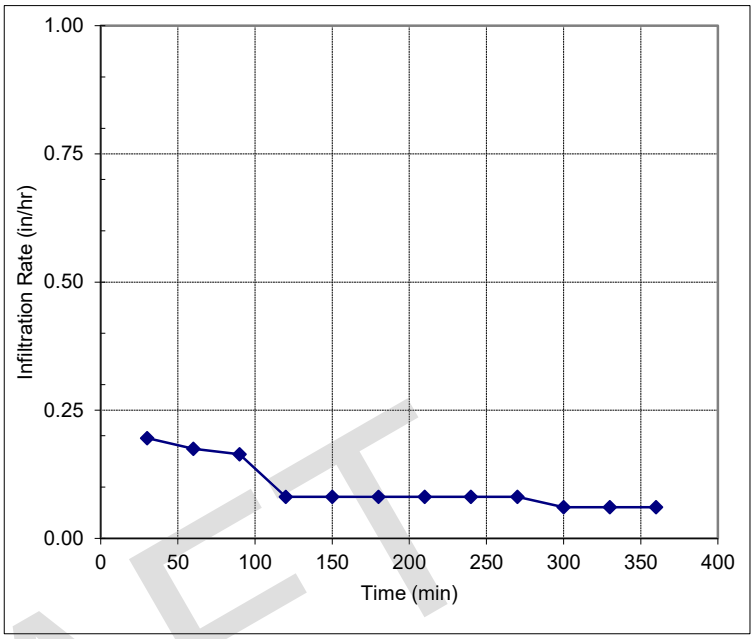
Figure

Project: I-10 Pennsylvania
Tester R. Ferryman
Date: November 15, 2019
Location: INF-6

Method: Borehole Percolation Test Procedure

INCREMENTAL INFILTRATION RATE

Time Between Readings (minutes)	Total Elapsed Time (minutes)	Drop in Head (feet)	Percolation Rate (min/in)	Tested Infiltration Rate (in/hour)
25	25	0.24	8.68	0.30
25	50	0.23	9.06	0.29
30	30.00	0.19	13.16	0.20
30	60.00	0.17	14.71	0.17
30	90.00	0.16	15.63	0.16
30	120.00	0.08	31.25	0.08
30	150.00	0.08	31.25	0.08
30	180.00	0.08	31.25	0.08
30	210.00	0.08	31.25	0.08
30	240.00	0.08	31.25	0.08
30	270.00	0.08	31.25	0.08
30	300.00	0.06	41.67	0.06
30	330.00	0.06	41.67	0.06
30	360.00	0.06	41.67	0.06



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$$I_t = \frac{\Delta H\ \pi r^2 60}{\Delta t(\pi r^2 + 2\pi r H_{avg})} = \frac{\Delta H\ 60\ r}{\Delta t(r + 2H_{avg})}$$

Where:

I_t = tested infiltration rate, inches/hour
ΔH = change in head over the time interval, inches
Δt = time interval, minutes
$^*r$ = effective radius of test hole
H_{avg} = average head over the time interval, inches

Presoak Level (ft, bgs):	1.50	Final period drop delta d (in):	0.72
Starting water level (ft, bgs):	1.46	Diameter of well casing (in)	2
Well bottom depth (ft, bgs)	5.27	Diameter of boring (in):	8
Water column height Ho (in):	45.72		

APPENDIX C
Laboratory Testing

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APPENDIX C
LABORATORY TESTING

Laboratory tests were performed on representative intact and bulk soil samples collected during our field exploration to estimate engineering characteristics of the various earth materials encountered. Testing was performed by AP Engineering and Testing, Inc. (AP) of Pomona, California. Testing was performed in general accordance with ASTM Standards for Soil Testing (latest revisions) or Caltrans California Testing Methods (CTM, latest revisions).

MOISTURE CONTENT AND DRY UNIT WEIGHT

Moisture content and dry unit weight tests were performed on soil samples collected from the borings in general accordance with ASTM D2216 and D7263, respectively. The results are presented on the Logs of Borings in Appendix A.

PERCENT PASSING NO. 200 SIEVE

The percent passing the No. 200 sieve was performed on samples of the material to evaluate the fines content of the soil and to aid in classification. The tests were performed in general accordance with ASTM Standard Test Method D1140. The results of these tests are presented in Table C-1.

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Table C-1
Percent Passing No. 200 Sieve Results

Boring	Depth (feet)	Geologic Unit	USCS Soil Group	Percent Passing No. 200 Sieve
A-19-002	5	Fill	SC	43.4
A-19-003	10	Alluvium	SC	32.0
A-19-005	0.5-5	Fill	SC	43.8
A-19-007	20	Alluvium	SP-SM	10.3
A-19-007	30	Alluvium	SC	33.2
A-19-007	40	Alluvium	SM	42.6
A-19-007	50	Alluvium	SM	42.6
A-19-008	2-5	Alluvium	SC	45.4
A-19-009	10	Alluvium	SC	40.0

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Boring	Depth (feet)	Geologic Unit	USCS Soil Group	Percent Passing No. 200 Sieve
A-19-010	0-5	Alluvium	CL	54.3
A-19-011	10	Alluvium	CL	50.1

GRAIN SIZE DISTRIBUTION AND HYDROMETER ANALYSIS

Sieve analyses and hydrometer analyses were performed on three samples of the material encountered at the site to evaluate the grain size distribution characteristics of the soil and to aid in classification. The tests were performed in general accordance with ASTM Standard Test Method D6913 and D7928. The results of these tests are presented on the Figures in Appendix B following the text.

ATTERBERG LIMITS

Atterberg limits testing was performed on 12 sample of the material encountered at the site to evaluate the plasticity index of the soil and to aid in classification. The test was performed in general accordance with ASTM Standard Test Method D4318. The results of this test are presented on the attached Figure in Appendix B following the text.

DIRECT SHEAR STRENGTH

Direct shear testing was performed on three relatively undisturbed samples to estimate the soil shear strength values in general accordance with ASTM Standard Test Method D3080. Prior to shearing, the samples were soaked to near saturation. The results of these tests are presented on the attached Figures in Appendix B following the text.

CONSOLIDATION TESTING

Consolidation testing was performed on one relatively undisturbed sample to estimate the soil's compressibility in general accordance with ASTM Standard Test Method D2435. The sample was saturated at 2 ksf during loading. The test results are presented on the attached Figures in Appendix B following the text.

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COLLAPSE POTENTIAL

Collapse potential testing was performed on two relatively undisturbed samples to evaluate the soil's collapsibility during inundation in general accordance with ASTM Standard Test Method D4546. The samples were saturated at 2 ksf overburden pressure. The test results are presented on the attached Figures in Appendix B following the text.

EXPANSION INDEX TESTING

Expansion index testing was performed on two near surface bulk samples to evaluate the soil's expansion potential during inundation in general accordance with ASTM Standard Test Method D4829. The test results are presented on the attached Figures in Appendix B following the text and in Table C-2.

Table C-2

Expansion Index Test Results

Boring	Depth (feet)	Geologic Unit	USCS Soil Group	Expansion Index
A-19-001	1-3	Fill	SC-SM	3
A-19-007	2-5	Alluvium	SC	47

MAXIMUM DENSITY AND OPTIMUM MOISTURE CONTENT (COMPACTION TESTING)

Compaction testing was performed on two near surface bulk samples to evaluate the soil's compaction characteristics in general accordance with ASTM Standard Test Method D1557. The test results are presented on the attached Figures in Appendix B following the text and in Table C-3.

Table C-3

Expansion Index Test Results

Boring	Depth (feet)	Geologic Unit	USCS Soil Group	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
A-19-001	1-3	Fill	SC-SM	129.9	9.3
A-19-010	0-5	Alluvium	CL	128.2	9.8

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R-VALUE TEST

R-value testing was performed on four samples of the near-surface soils encountered at the site. The tests were performed in general accordance with ASTM Standard Test Method D2844. The test results are summarized in Table C-4 and presented on the attached Figures in Appendix B following the text.

Table C-4

R-Value Test Results

Boring	Depth (feet)	Geologic Unit	USCS Soil Type	R-Value
A-19-002	1-5	Alluvium	SC	35
A-19-005	0.5-5	Fill	SC	28
A-19-007	2-5	Alluvium	SC	24
A-19-011	2-5	Alluvium	CL	18

CORROSIVITY TESTS

A series of chemical tests were performed on selected soil samples to estimate pH, resistivity, and sulfate and chloride contents in general accordance with California Test Methods 643, 417, and 422. The test results may be used by a qualified corrosion engineer to evaluate the general corrosion potential with respect to the construction materials. Results of these tests are summarized in Table C-5.

Table C-5

Corrosivity Test Results

Boring Location	Depth	Geologic Unit	USCS Soil Type	pH	Resistivity	Sulfate	Chlorides
	feet				ohm-cm[1]	ppm[1]	ppm[1]
A-19-002	1-5	Alluvium	SC	7.1	2,135	275	47
A-19-007	2-5	Alluvium	SC	6.8	6,264	38	33
A-19-010	0-5	Alluvium	CL	7.2	6,836	40	32

[1] ohm-cm = ohm-centimeter, ppm = parts per million

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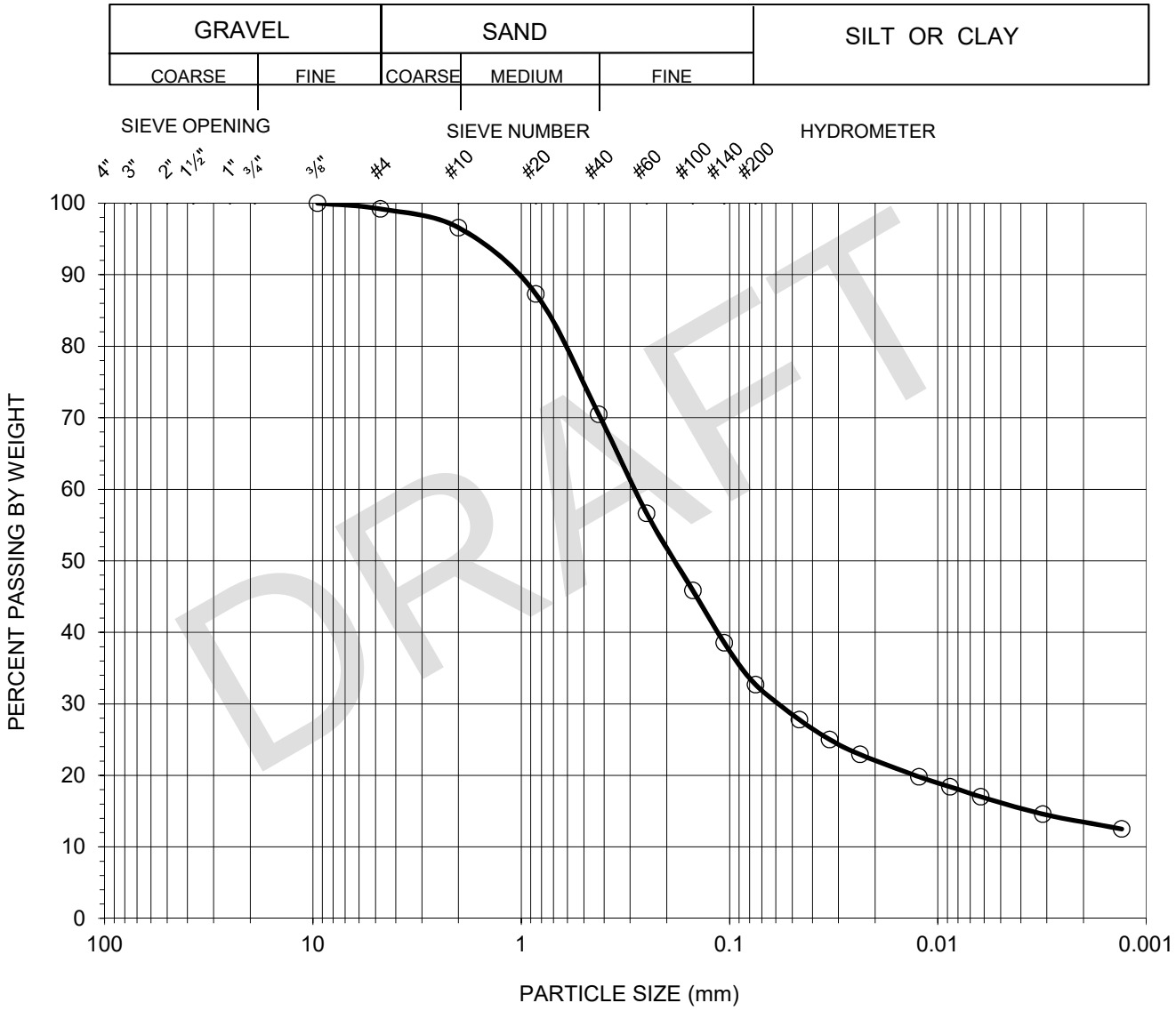
GRAIN SIZE DISTRIBUTION CURVE
ASTM D 6913 & D 7928

Client Name:	Kleinfelder	Tested by:	NR	Date:	11/26/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed by:	NR	Date:	11/26/19
Project Number:	20182212.001A	Checked by:	AP	Date:	12/02/19



Symbol	Boring No.	Sample No.	Sample Depth (feet)	Percent			Atterberg Limits LL:PL:PI	Soil Type U.S.C.S
				Gravel	Sand	Silt & Clay		
○	INF-1	2	4.5-5	1	66	33	N/A	SC*

**Note: Based on visual classification of sample*

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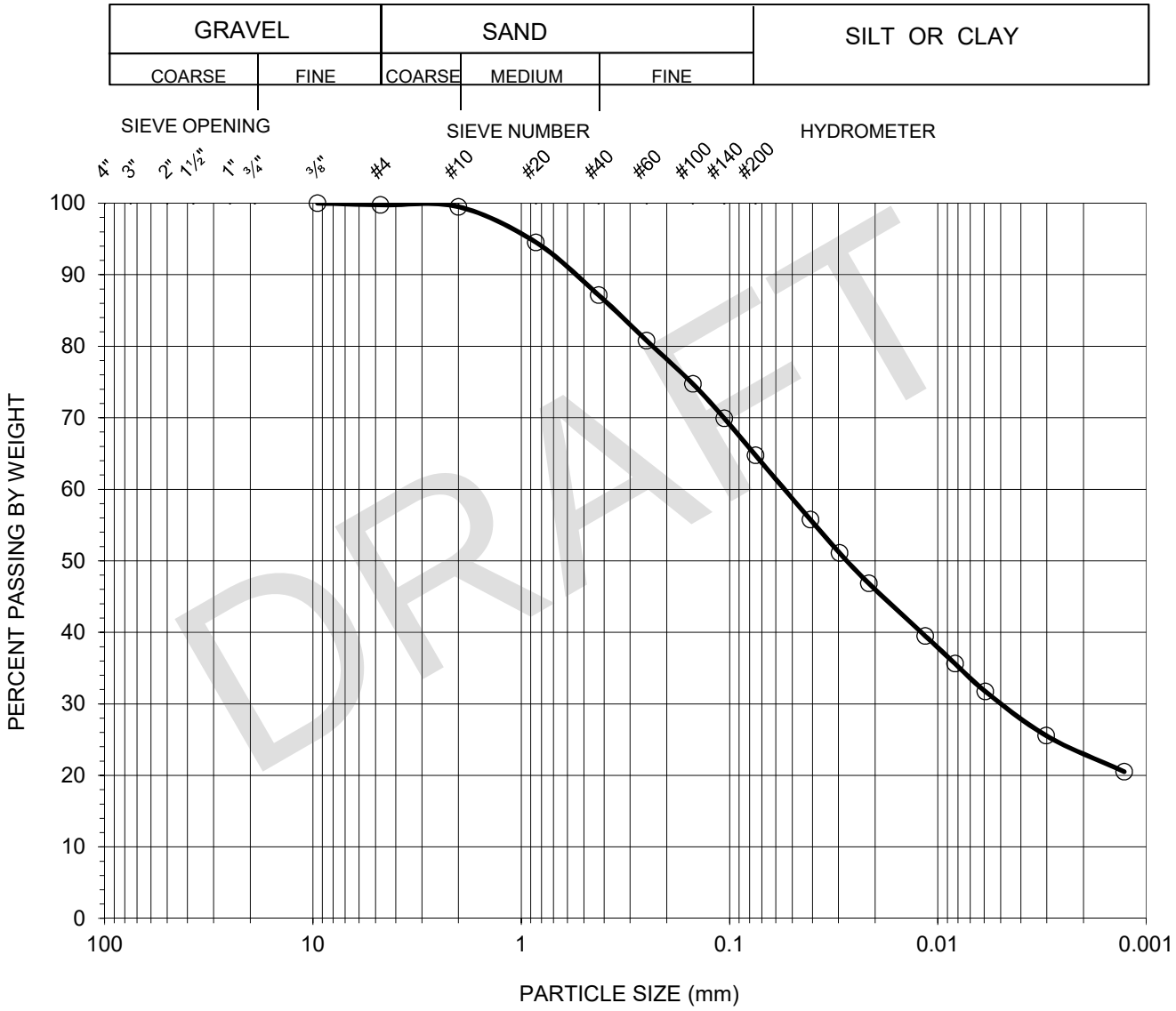
GRAIN SIZE DISTRIBUTION CURVE
ASTM D 6913 & D 7928

Client Name:	Kleinfelder	Tested by:	NR	Date:	11/26/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed by:	NR	Date:	11/26/19
Project Number:	20182212.001A	Checked by:	AP	Date:	12/02/19



Symbol	Boring No.	Sample No.	Sample Depth (feet)	Percent			Atterberg Limits LL:PL:PI	Soil Type U.S.C.S
				Gravel	Sand	Silt & Clay		
○	INF-2	2	4.5-5	0	35	65	N/A	CL*

**Note: Based on visual classification of sample*

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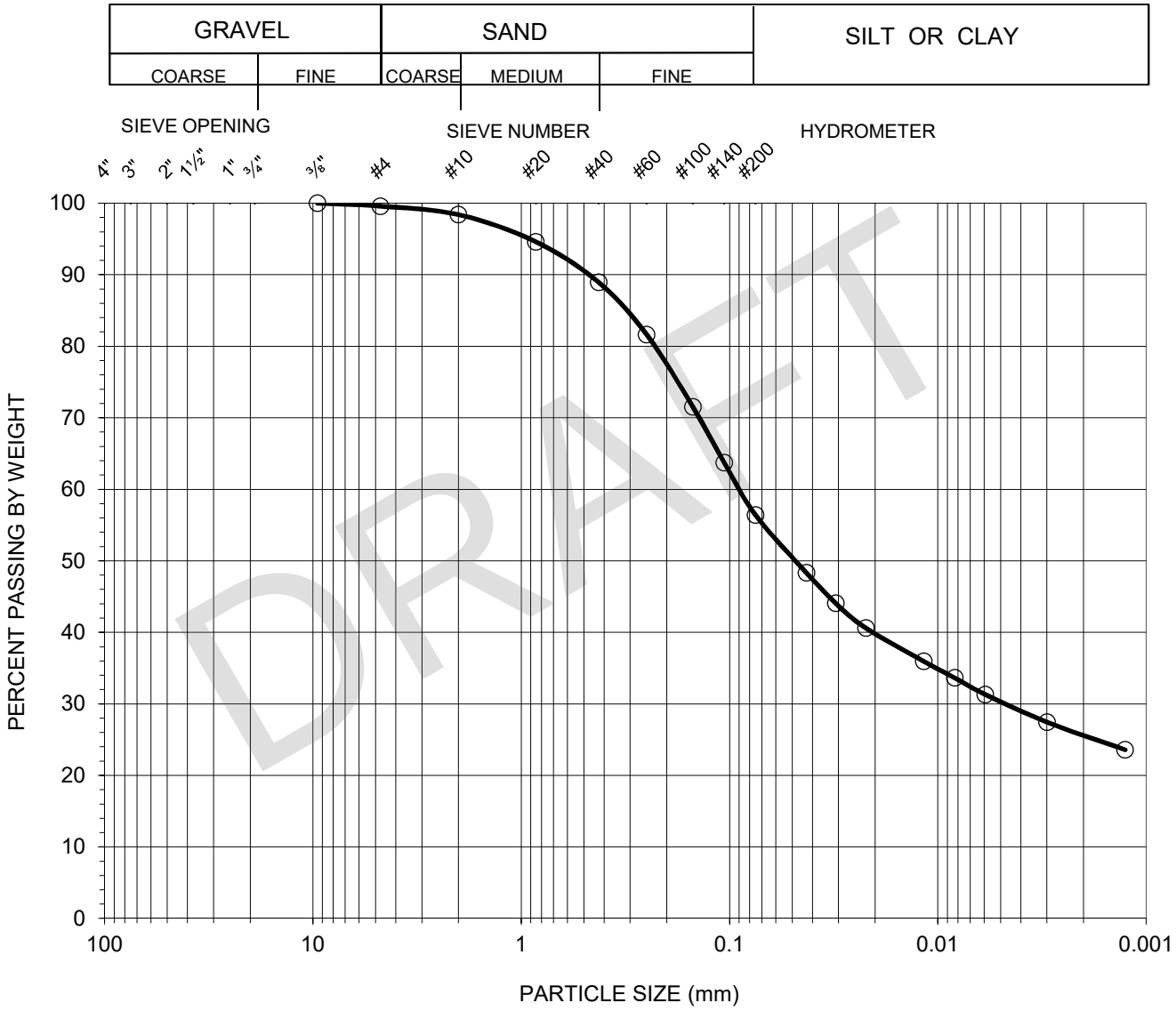
GRAIN SIZE DISTRIBUTION CURVE
ASTM D 6913 & D 7928

Client Name:	Kleinfelder	Tested by:	NR	Date:	11/26/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed by:	NR	Date:	11/26/19
Project Number:	20182212.001A	Checked by:	AP	Date:	12/02/19



Symbol	Boring No.	Sample No.	Sample Depth (feet)	Percent			Atterberg Limits LL:PL:PI	Soil Type U.S.C.S
				Gravel	Sand	Silt & Clay		
○	INF-3	2	4.5-5	0	44	56	N/A	CL*

**Note: Based on visual classification of sample*

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GRAIN SIZE DISTRIBUTION CURVE
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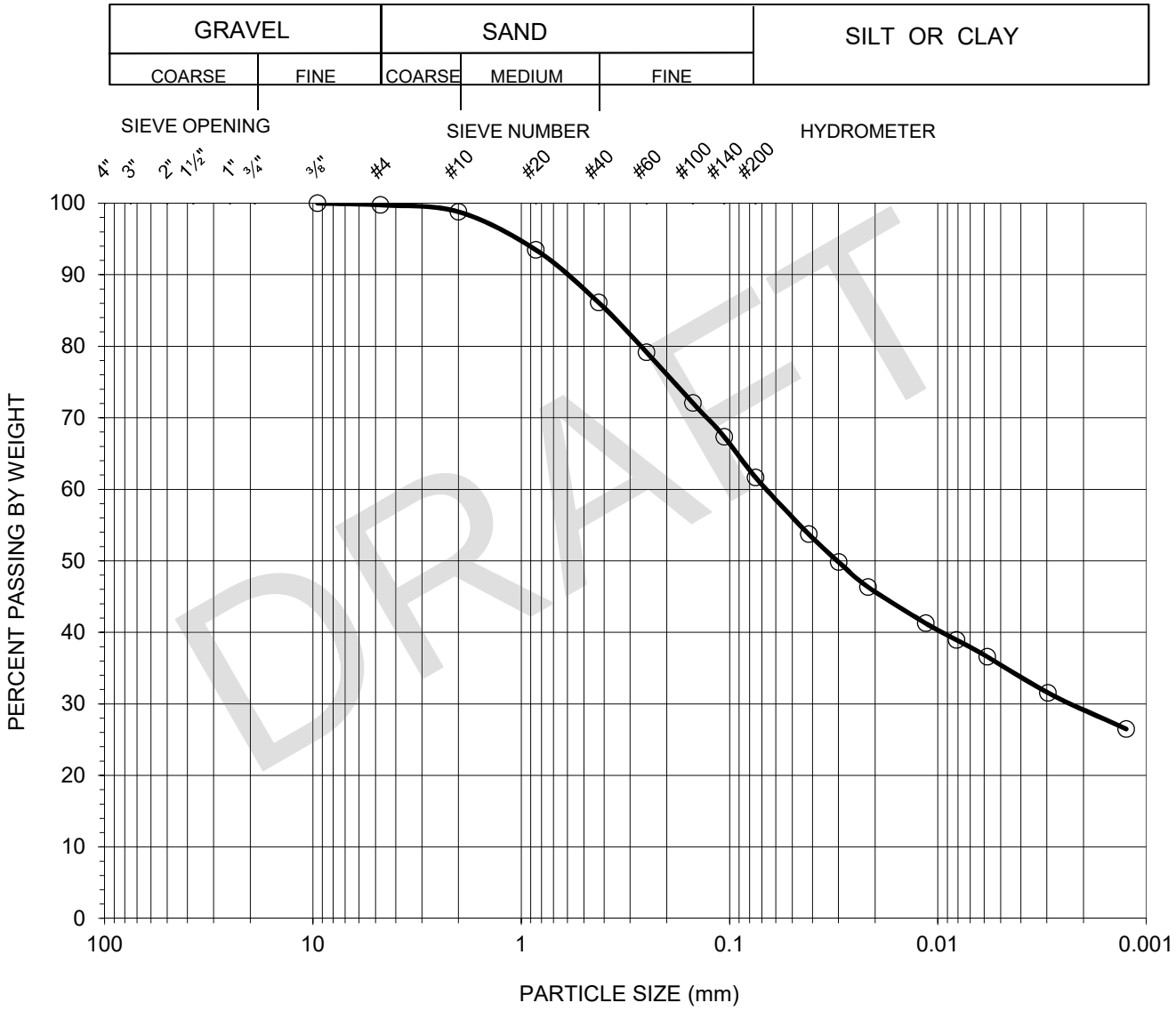
Client Name:	Kleinfelder	Tested by:	NR	Date:	11/26/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed by:	NR	Date:	11/26/19
Project Number:	20182212.001A	Checked by:	AP	Date:	12/02/19



Symbol	Boring No.	Sample No.	Sample Depth (feet)	Percent			Atterberg Limits LL:PL:PI	Soil Type U.S.C.S
				Gravel	Sand	Silt & Clay		
○	INF-4	2	4.5-5	0	38	62	N/A	CL*

**Note: Based on visual classification of sample*

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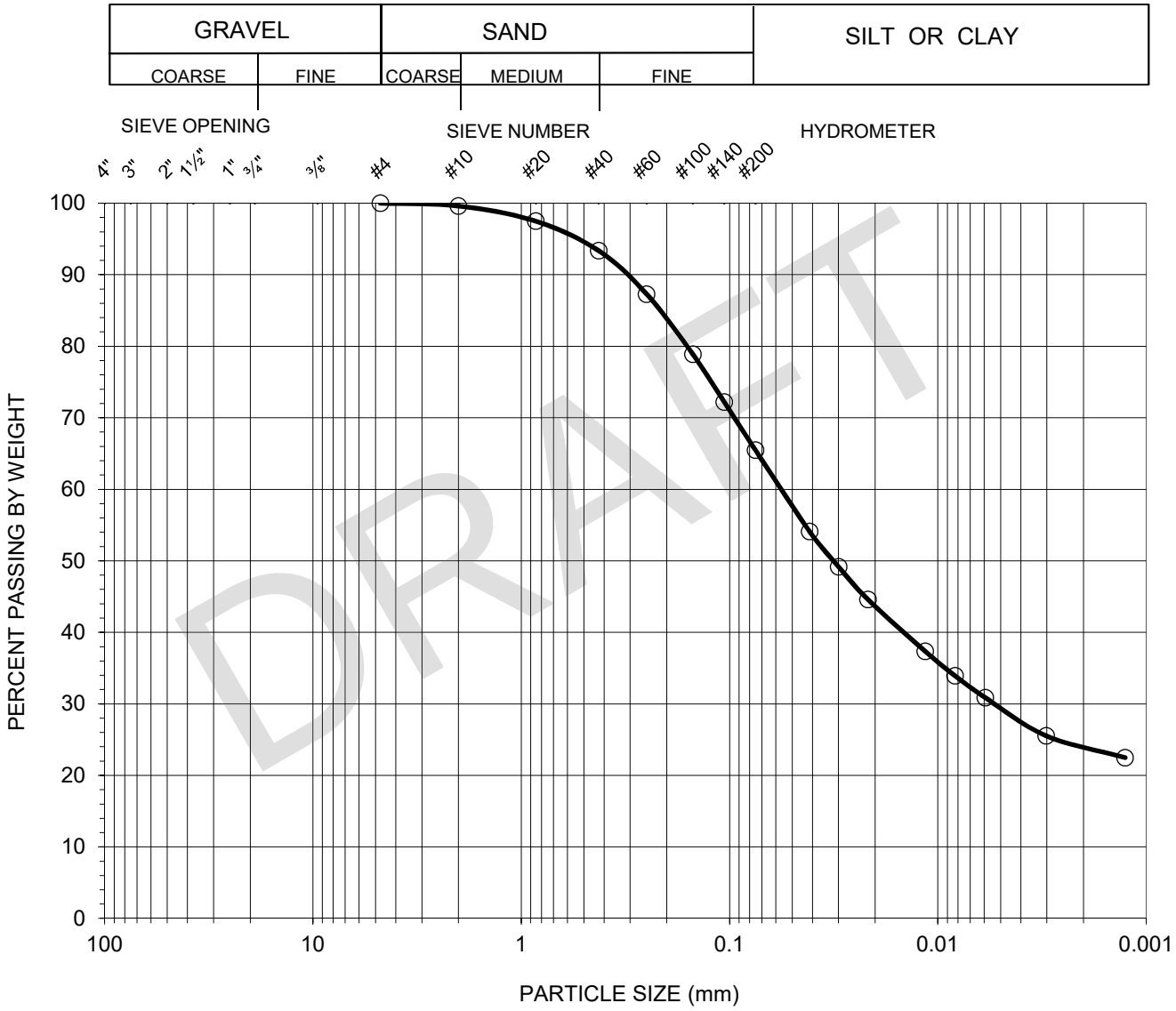
GRAIN SIZE DISTRIBUTION CURVE
ASTM D 6913 & D 7928

Client Name:	Kleinfelder	Tested by:	NR	Date:	11/26/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed by:	NR	Date:	11/26/19
Project Number:	20182212.001A	Checked by:	AP	Date:	12/02/19



Symbol	Boring No.	Sample No.	Sample Depth (feet)	Percent			Atterberg Limits LL:PL:PI	Soil Type U.S.C.S
				Gravel	Sand	Silt & Clay		
○	INF-5	2	4.5-5	0	35	65	N/A	CL*

**Note: Based on visual classification of sample*

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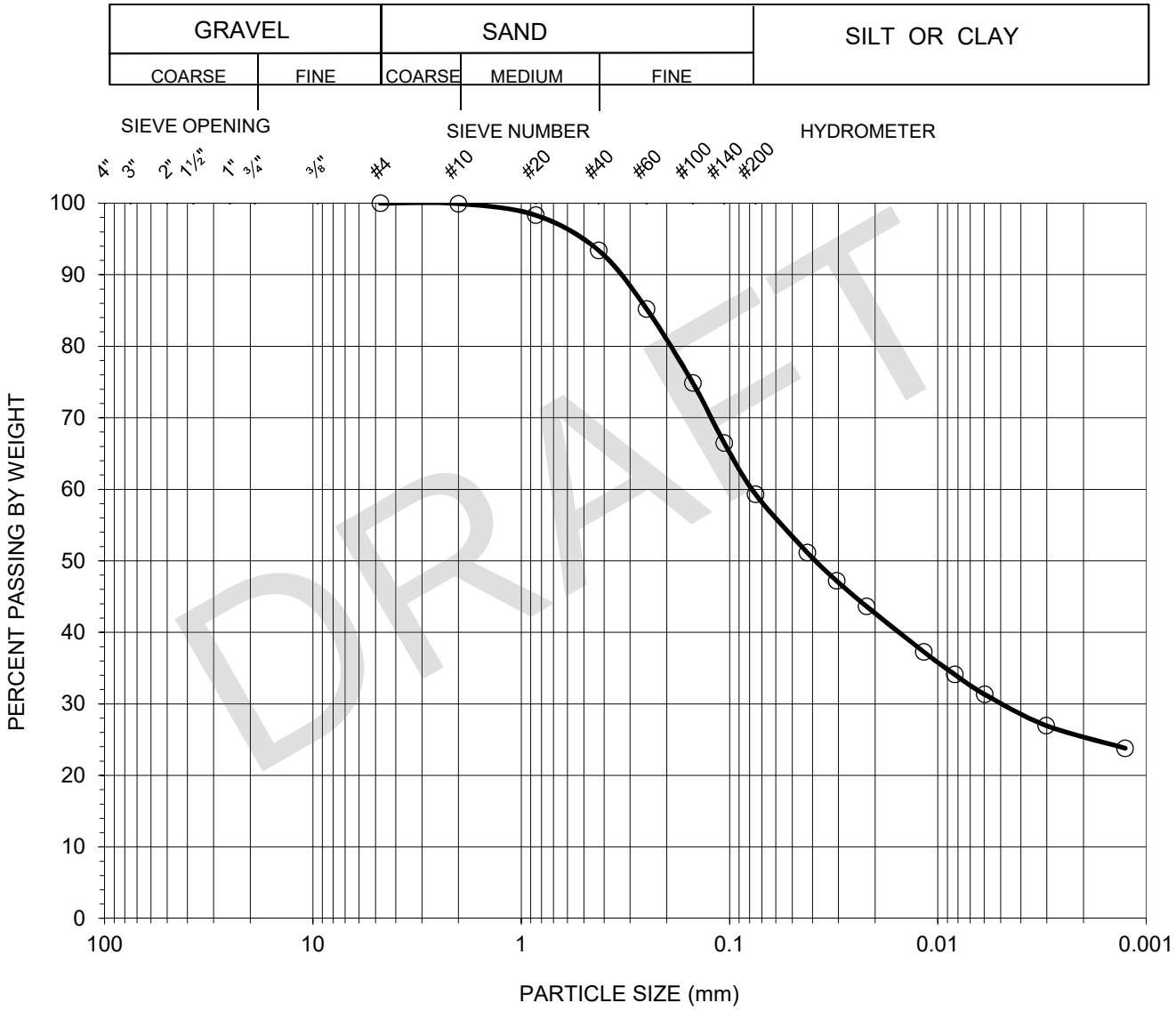
GRAIN SIZE DISTRIBUTION CURVE
ASTM D 6913 & D 7928

Client Name:	Kleinfelder	Tested by:	NR	Date:	11/26/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed by:	NR	Date:	11/26/19
Project Number:	20182212.001A	Checked by:	AP	Date:	12/02/19



Symbol	Boring No.	Sample No.	Sample Depth (feet)	Percent			Atterberg Limits LL:PL:PI	Soil Type U.S.C.S
				Gravel	Sand	Silt & Clay		
○	INF-6	2	4.5-5	0	41	59	N/A	CL*

**Note: Based on visual classification of sample*

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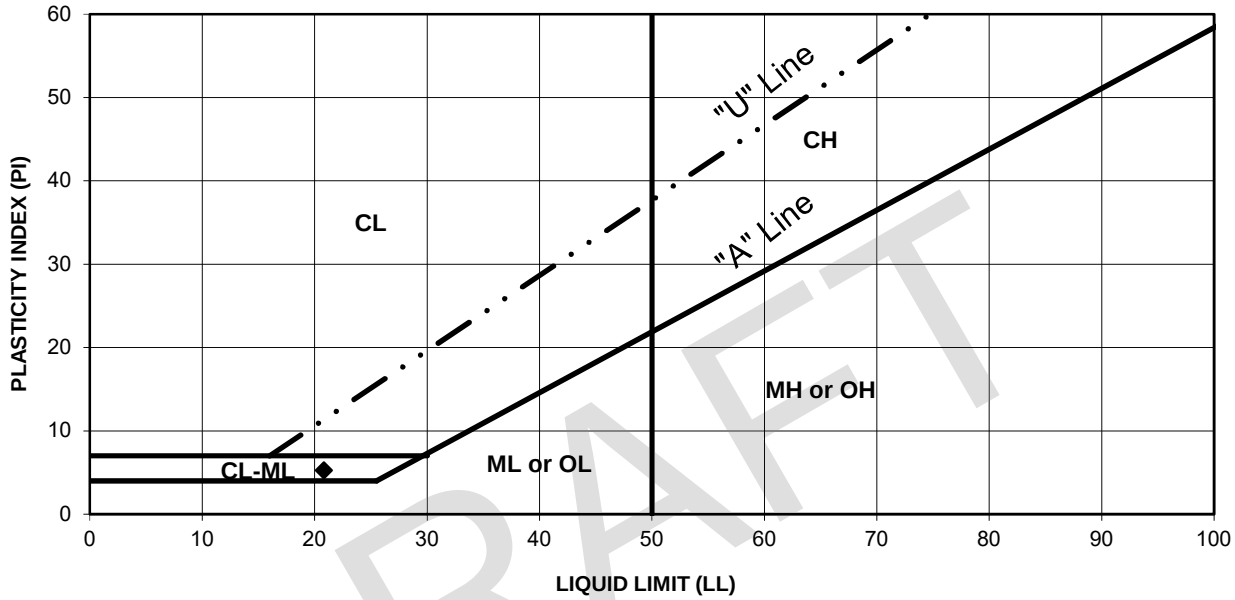
ATTERBERG LIMITS
ASTM D 4318

Client Name:	Kleinfelder	Tested By:	LS	Date:	11/20/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



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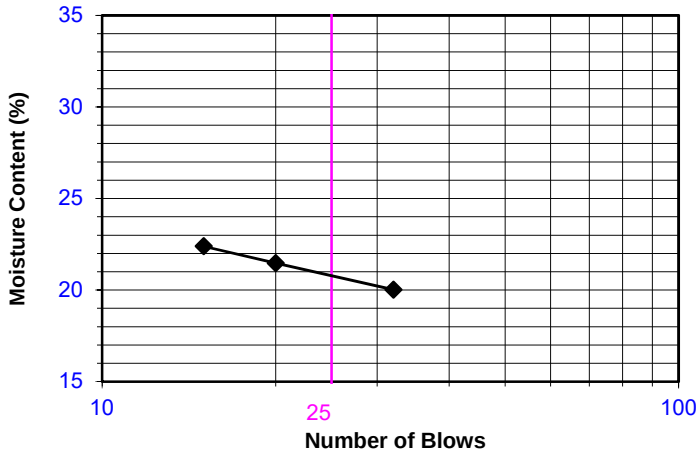
PROCEDURE USED

- ☐ Wet Preparation
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test



Symbol	Boring Number	Sample Number	Depth (feet)	LL	PL	PI	Plasticity Chart Symbol
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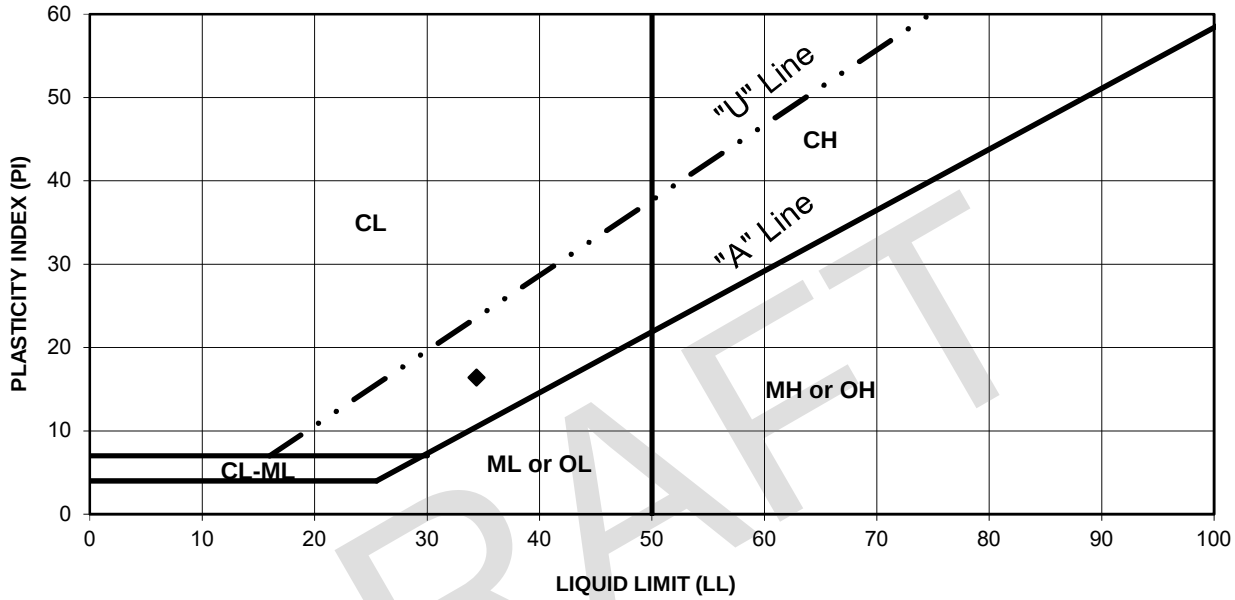
ATTERBERG LIMITS
ASTM D 4318

Client Name:	Kleinfelder	Tested By:	LS	Date:	11/20/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



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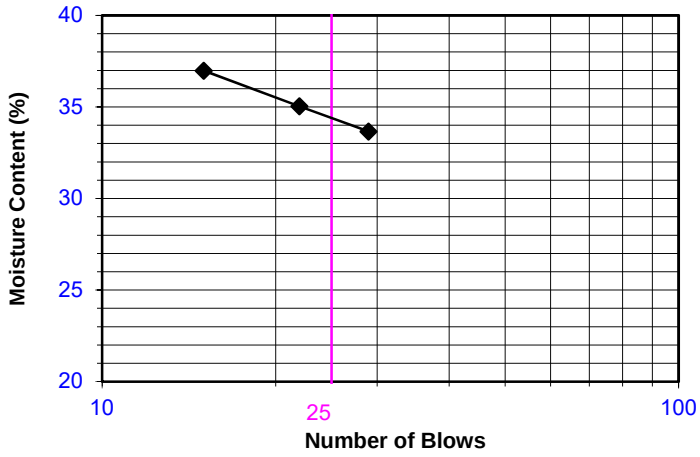
PROCEDURE USED

- ☐ Wet Preparation
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test



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♦	A-19-002	2	1-5	34	18	16	CL

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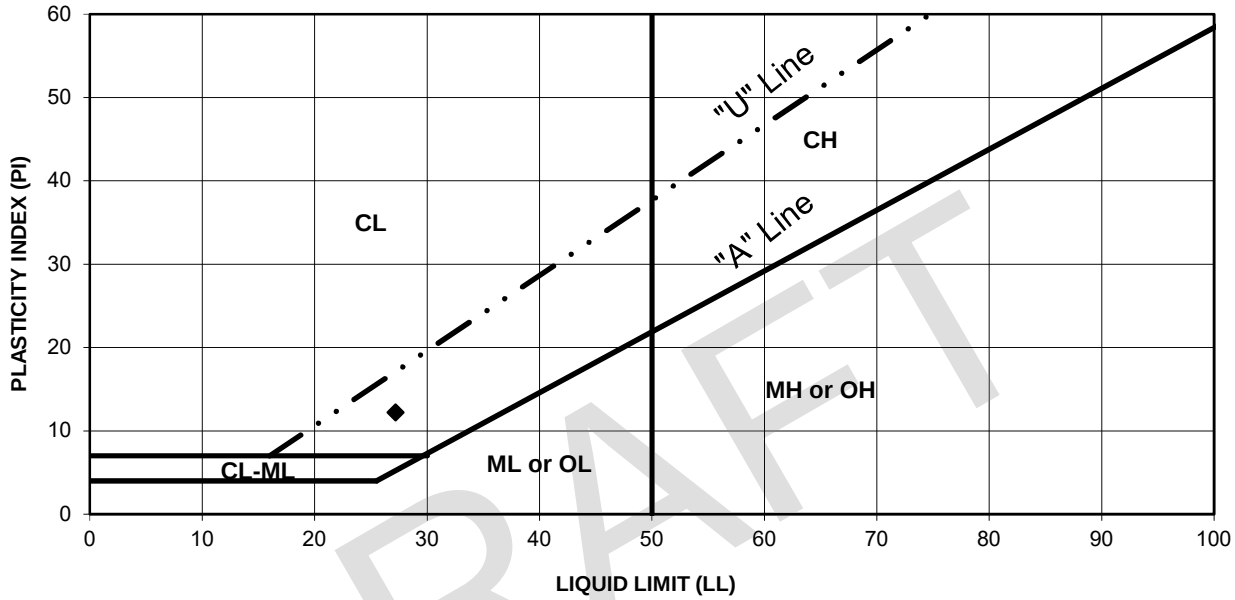
Client Name:	Kleinfelder	Tested By:	LS	Date:	11/20/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



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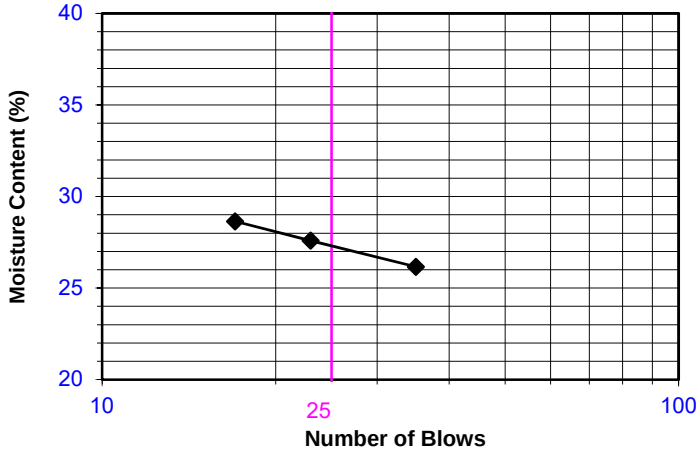
PROCEDURE USED

- ☐ Wet Preparation
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test



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♦	A-19-003	3	10	27	15	12	CL

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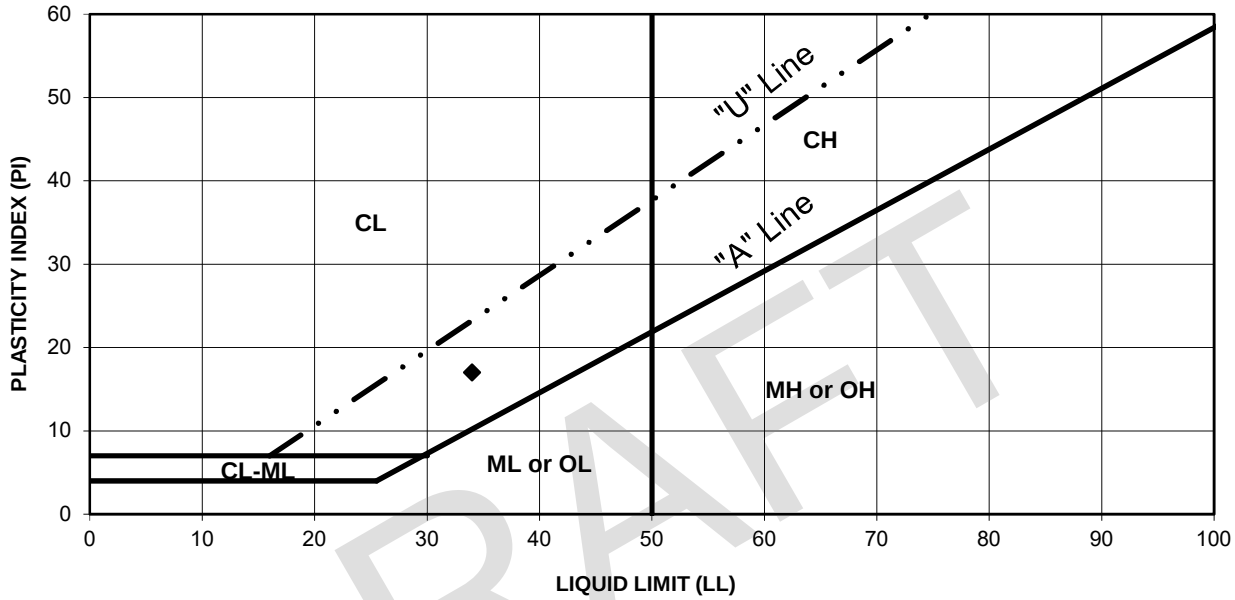
ATTERBERG LIMITS
ASTM D 4318

Client Name:	Kleinfelder	Tested By:	LS	Date:	11/20/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



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PROCEDURE USED

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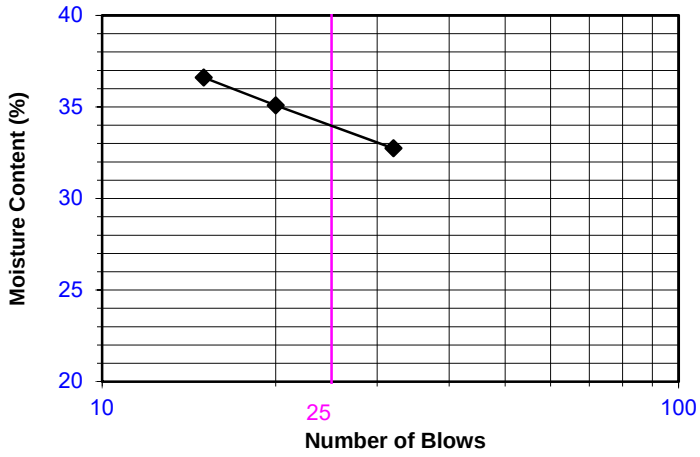
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test



Symbol	Boring Number	Sample Number	Depth (feet)	LL	PL	PI	Plasticity Chart Symbol
♦	A-19-004	2	5	34	17	17	CL

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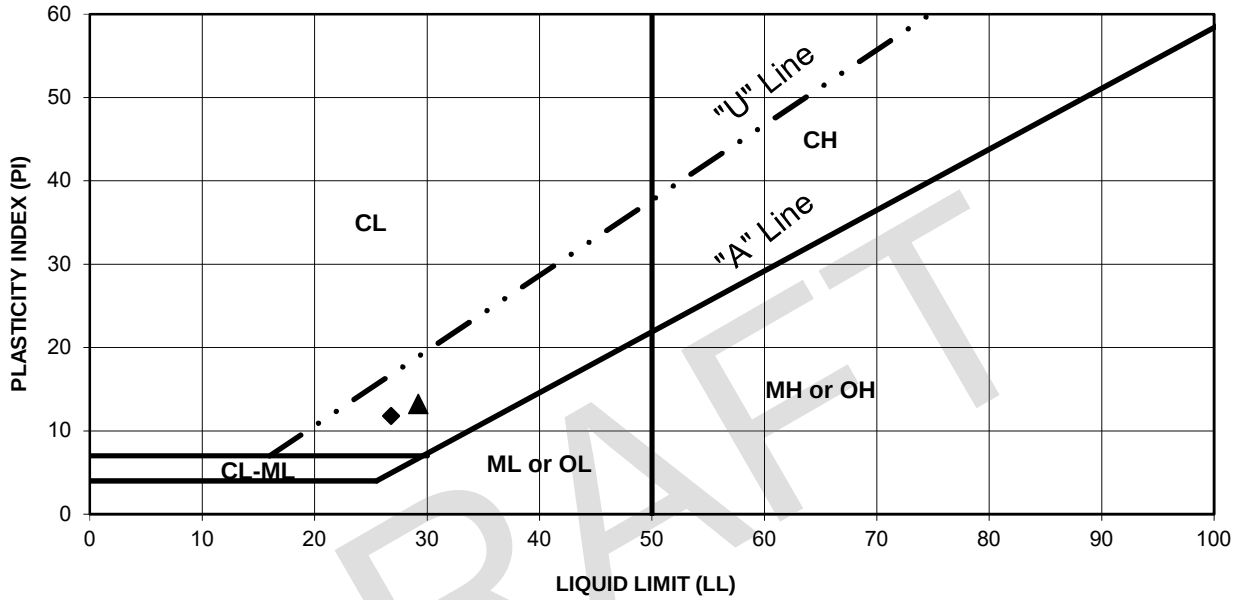
ATTERBERG LIMITS
ASTM D 4318

Client Name:	Kleinfelder	Tested By:	LS	Date:	11/20/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



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PROCEDURE USED

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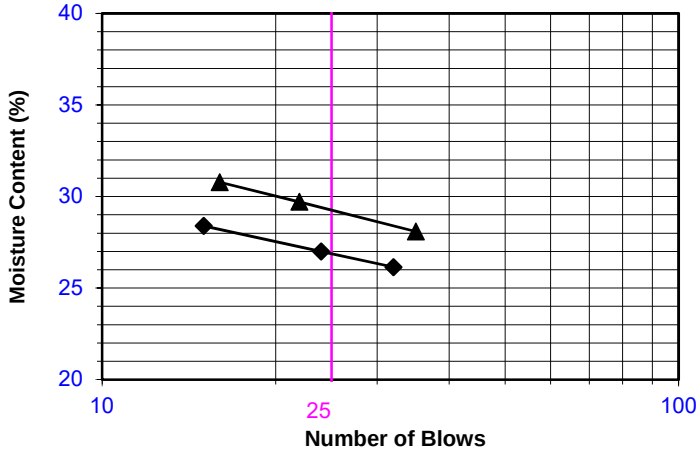
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test



Symbol	Boring Number	Sample Number	Depth (feet)	LL	PL	PI	Plasticity Chart Symbol
♦	A-19-005	2	0.5-5	27	15	12	CL
▲	A-19-005	4	10	29	16	13	CL

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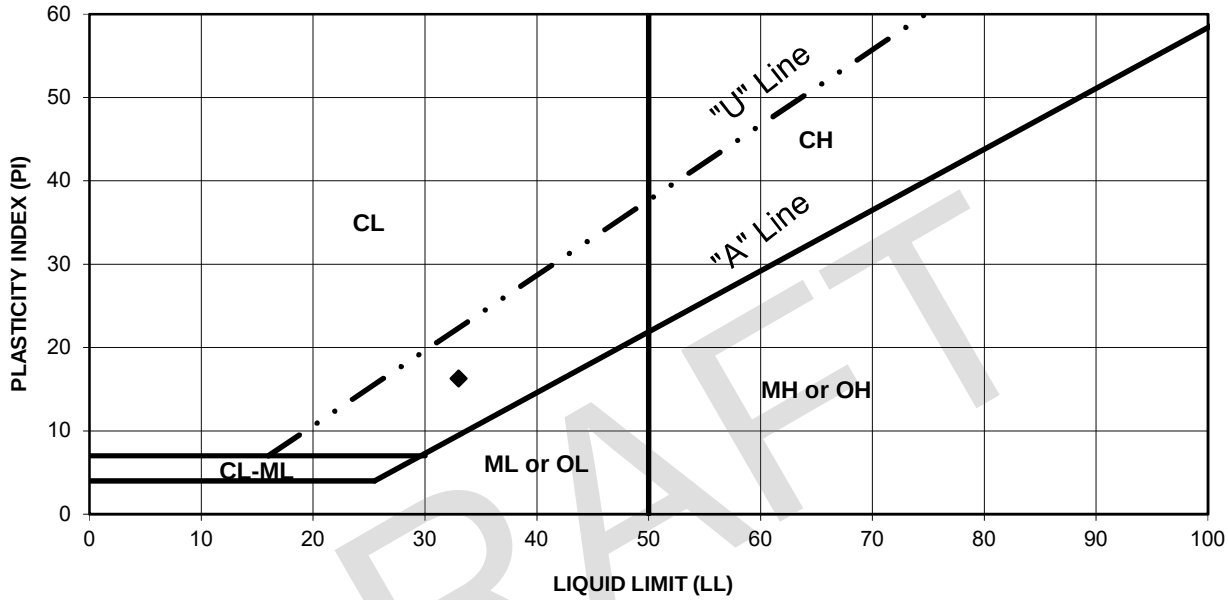
ATTERBERG LIMITS
ASTM D 4318

Client Name:	Kleinfelder - Laguna Hills	Tested By:	LS	Date:	11/22/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



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PROCEDURE USED

- ☐ Wet Preparation
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test

Symbol	Boring Number	Sample Number	Depth (feet)	LL	PL	PI	Plasticity Chart Symbol
♦	A-19-006	2	5	33	17	16	CL

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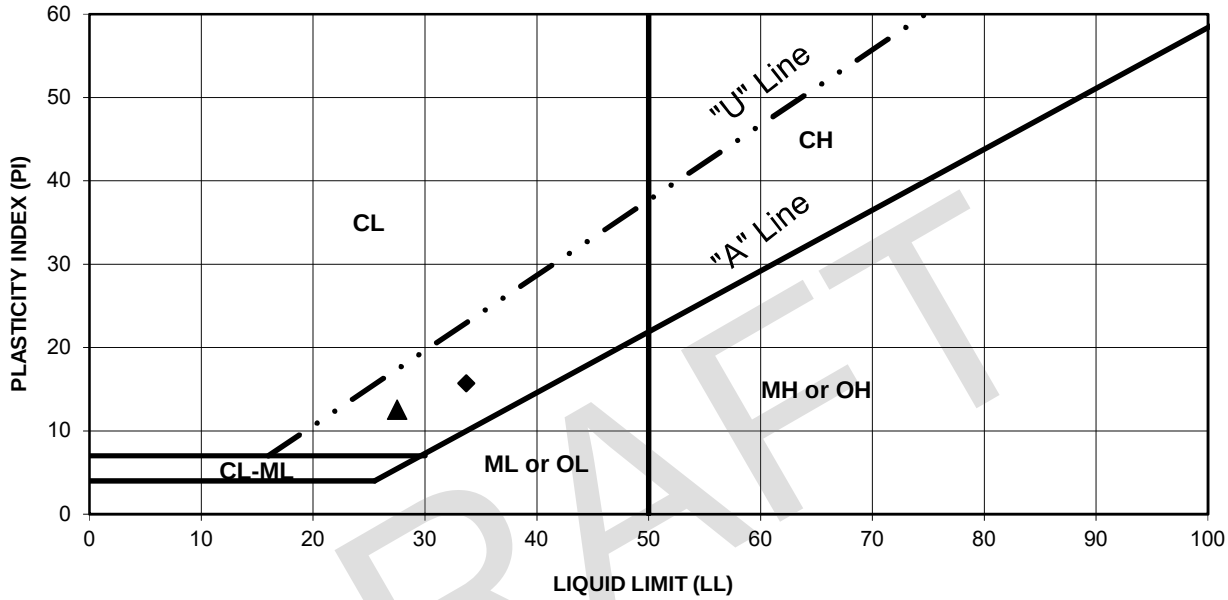
ATTERBERG LIMITS
ASTM D 4318

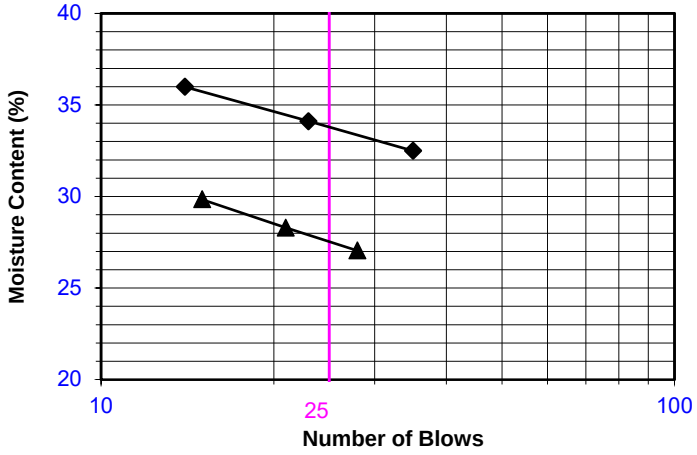
Client Name:	Kleinfelder - Laguna Hills	Tested By:	LS	Date:	11/22/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



DRAFT

PROCEDURE USED

- ☐ Wet Preparation
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test



Symbol	Boring Number	Sample Number	Depth (feet)	LL	PL	PI	Plasticity Chart Symbol
♦	A-19-007	2	2-5	34	18	16	CL
▲	A-19-007	4	10	28	15	13	CL

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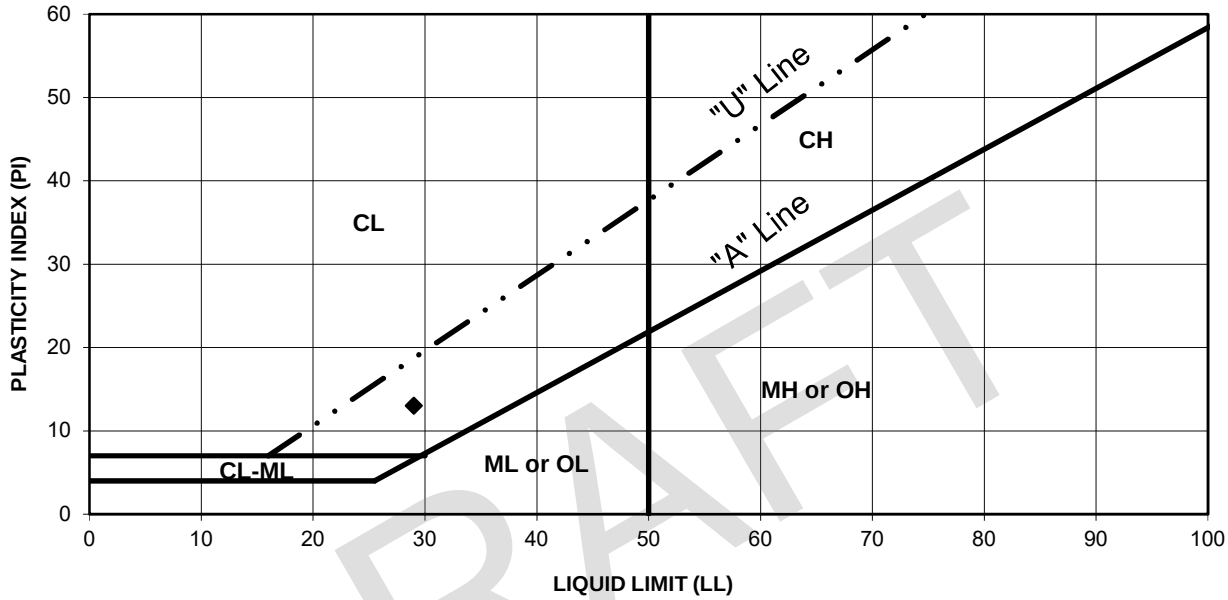
ATTERBERG LIMITS
ASTM D 4318

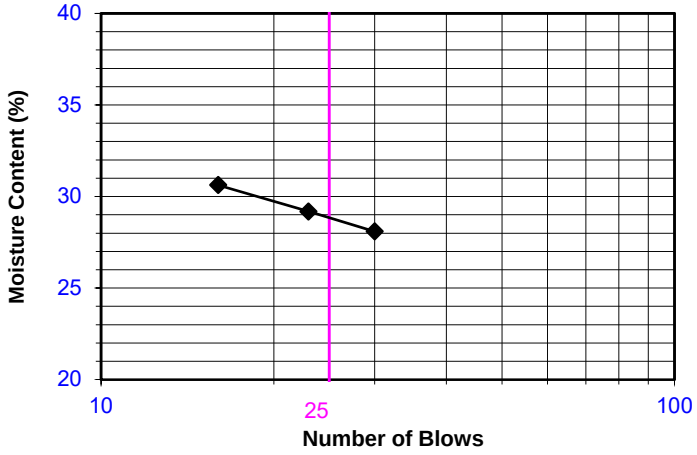
Client Name:	Kleinfelder - Laguna Hills	Tested By:	LS	Date:	11/22/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



DRAFT

PROCEDURE USED

- ☐ Wet Preparation
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test



Symbol	Boring Number	Sample Number	Depth (feet)	LL	PL	PI	Plasticity Chart Symbol
♦	A-19-008	2	2-5	29	16	13	CL

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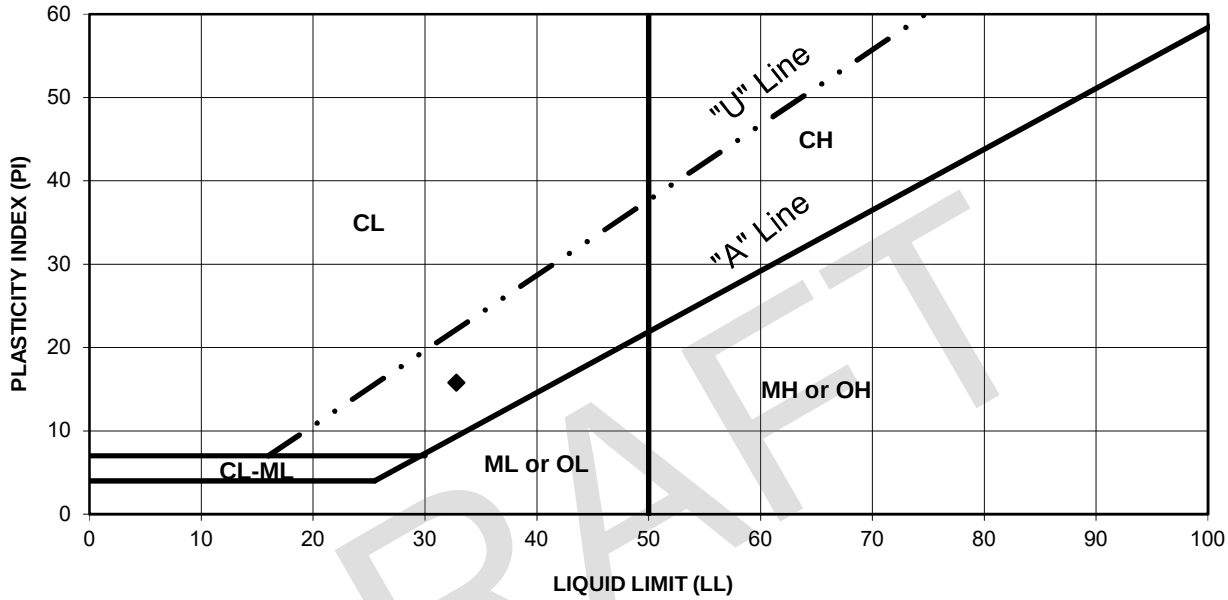
ATTERBERG LIMITS
ASTM D 4318

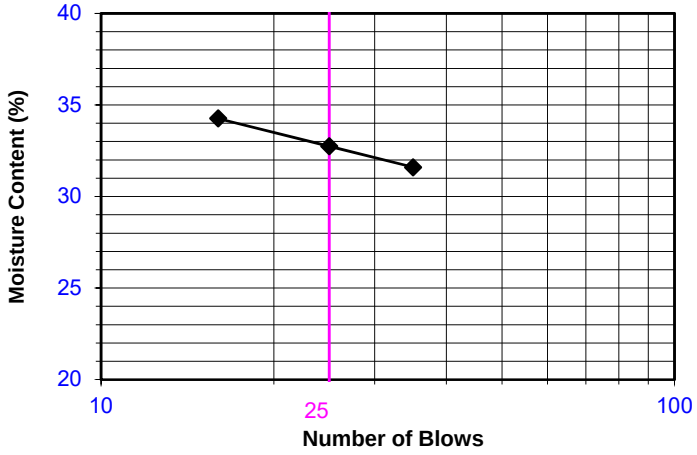
Client Name:	Kleinfelder - Laguna Hills	Tested By:	LS	Date:	11/22/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



DRAFT

PROCEDURE USED

- ☐ Wet Preparation
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test



Symbol	Boring Number	Sample Number	Depth (feet)	LL	PL	PI	Plasticity Chart Symbol
♦	A-19-009	3	10	33	17	16	CL

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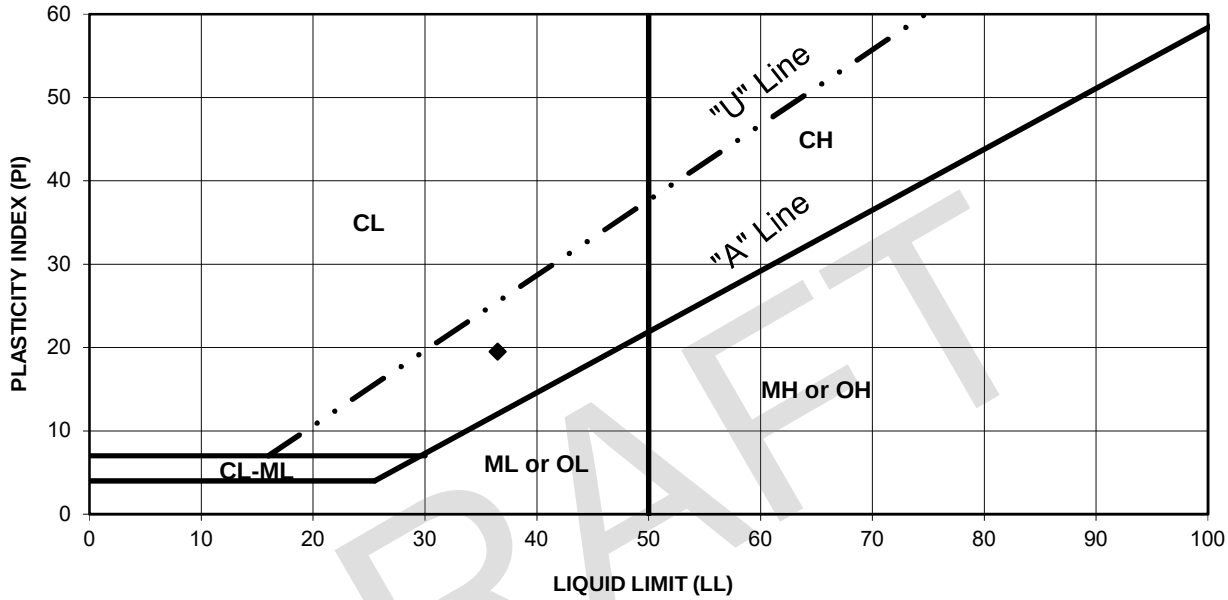
ATTERBERG LIMITS
ASTM D 4318

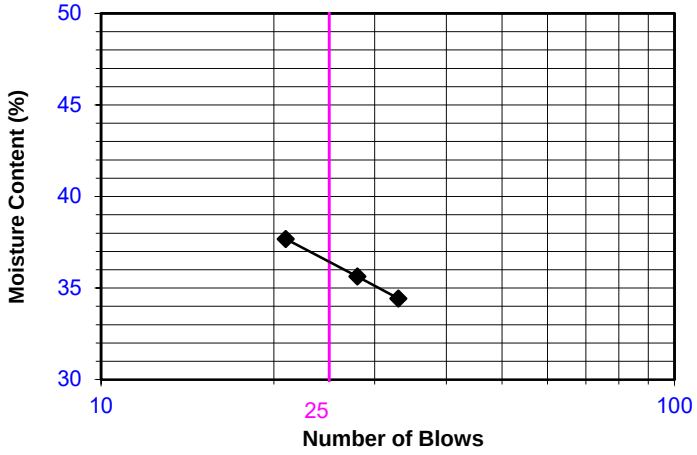
Client Name:	Kleinfelder - Laguna Hills	Tested By:	LS	Date:	11/22/19
Project Name:	I-10 Pennsylvania Avenue Interchange Project	Computed By:	NR	Date:	11/25/19
Project No.:	20182212.001A	Checked By:	AP	Date:	12/02/19



DRAFT

PROCEDURE USED

- ☐ Wet Preparation
- ☒ Dry Preparation
- ☒ Procedure A Multipoint Test
- ☐ Procedure B One-point Test



Symbol	Boring Number	Sample Number	Depth (feet)	LL	PL	PI	Plasticity Chart Symbol
♦	A-19-011	2	2-5	37	17	20	CL

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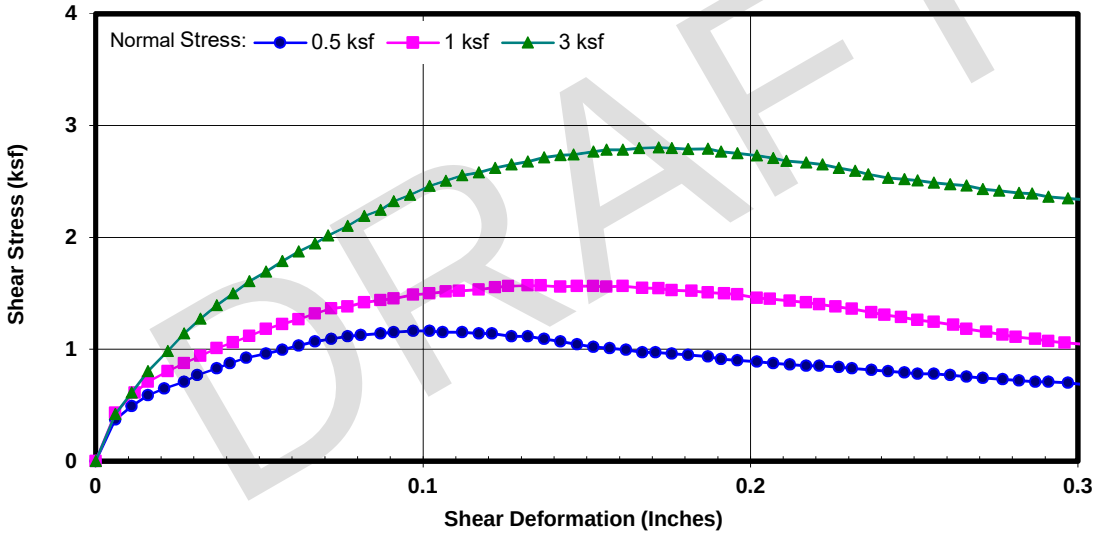
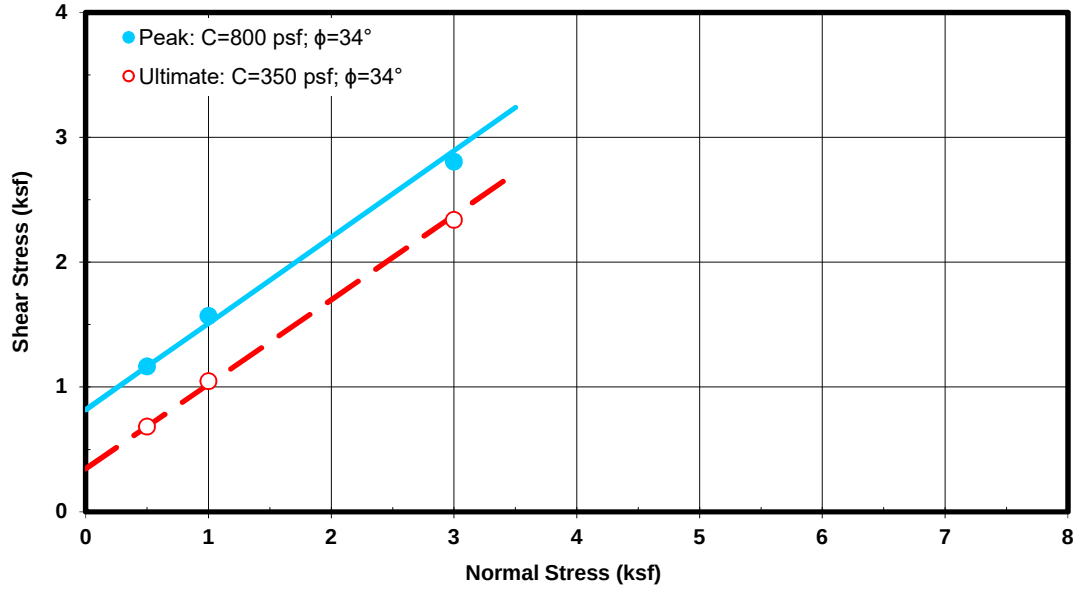
DIRECT SHEAR TEST RESULTS
ASTM D 3080

Project Name:	I-10 Pennsylvania Avenue Interchange Project		**Tested By:**	NG	**Date:** 11/22/19
Project No.:	20182212.001A		**Computed By:**	NR	**Date:** 11/25/19
Boring No.:	A-19-004		**Checked by:**	AP	**Date:** 12/02/19
Sample No.:	3	**Depth (ft):** 10			
Sample Type:	Mod. Cal.				
Soil Description:	Sandy Clay w/gravel				
Test Condition:	Inundated	**Shear Type:** Regular			

Wet Unit Weight (pcf)	Dry Unit Weight (pcf)	Initial Moisture Content (%)	Final Moisture Content (%)	Initial Degree Saturation (%)	Final Degree Saturation (%)	Normal Stress (ksf)	Peak Shear Stress (ksf)	Ultimate Shear Stress (ksf)
135.8	121.0	12.2	14.5	84	100	0.5	1.164	0.684
						1	1.569	1.046
						3	2.804	2.338





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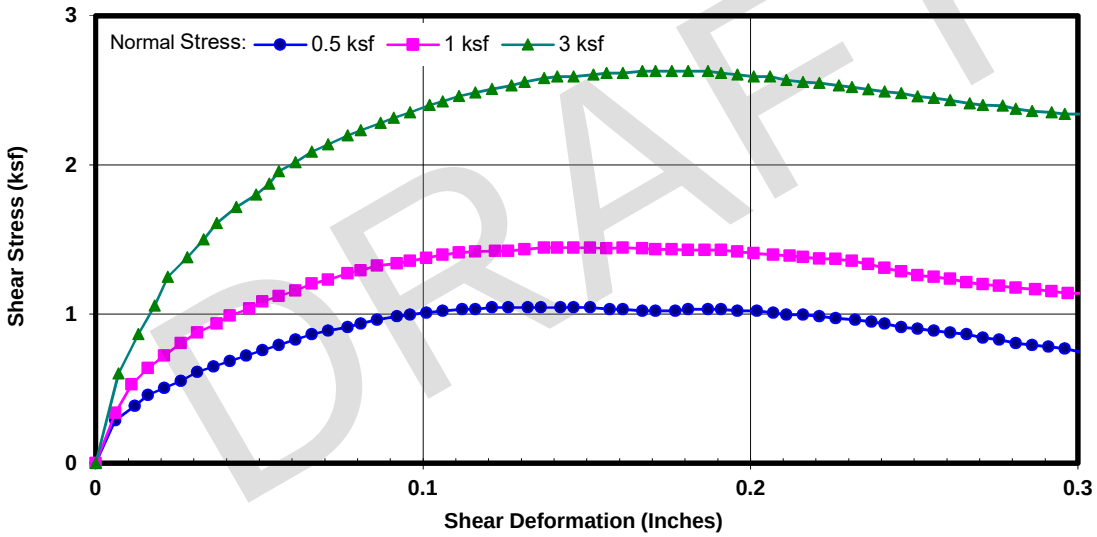
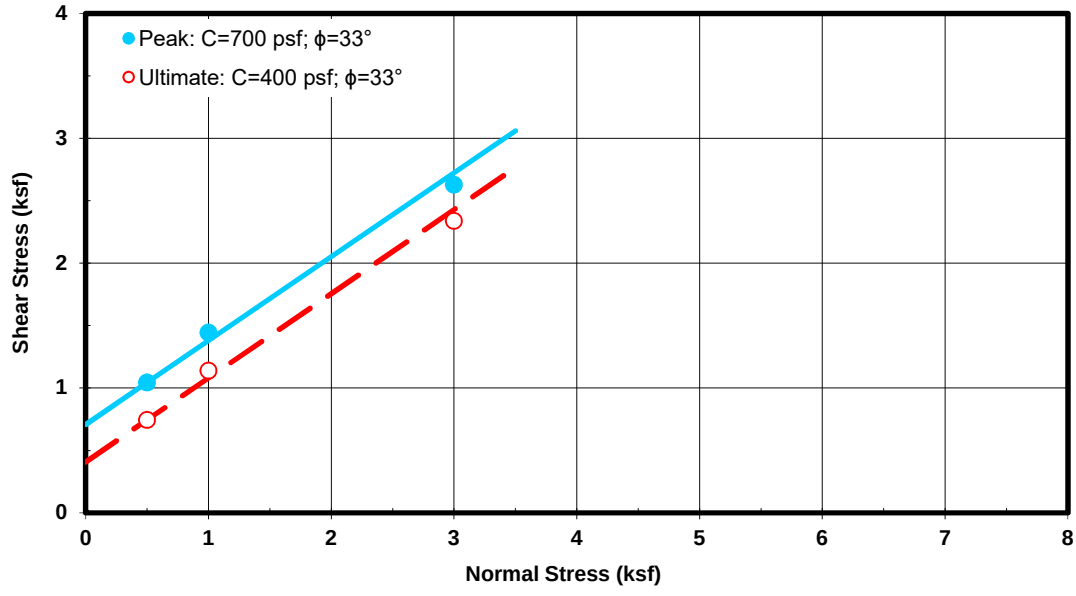
DIRECT SHEAR TEST RESULTS
ASTM D 3080

Project Name:	I-10 Pennsylvania Avenue Interchange Project		**Tested By:**	NG	**Date:** 11/22/19
Project No.:	20182212.001A		**Computed By:**	NR	**Date:** 11/25/19
Boring No.:	A-19-007		**Checked by:**	AP	**Date:** 12/02/19
Sample No.:	3	**Depth (ft):** 5			
Sample Type:	Mod. Cal.				
Soil Description:	Sandy Clay				
Test Condition:	Inundated	**Shear Type:** Regular			

Wet Unit Weight (pcf)	Dry Unit Weight (pcf)	Initial Moisture Content (%)	Final Moisture Content (%)	Initial Degree Saturation (%)	Final Degree Saturation (%)	Normal Stress (ksf)	Peak Shear Stress (ksf)	Ultimate Shear Stress (ksf)
133.9	116.6	14.9	16.5	90	100	0.5	1.044	0.744
						1	1.444	1.140
						3	2.628	2.340





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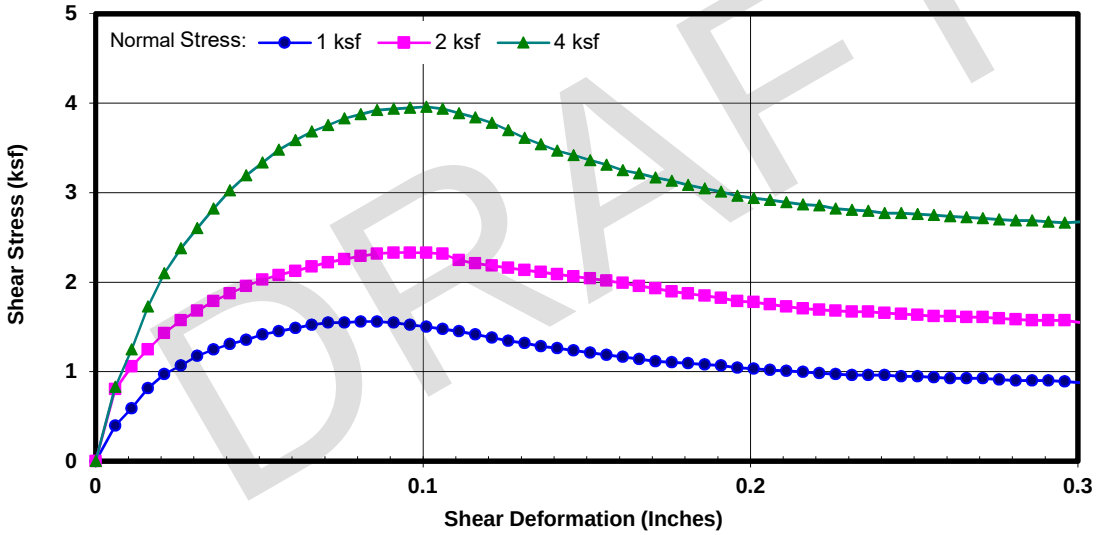
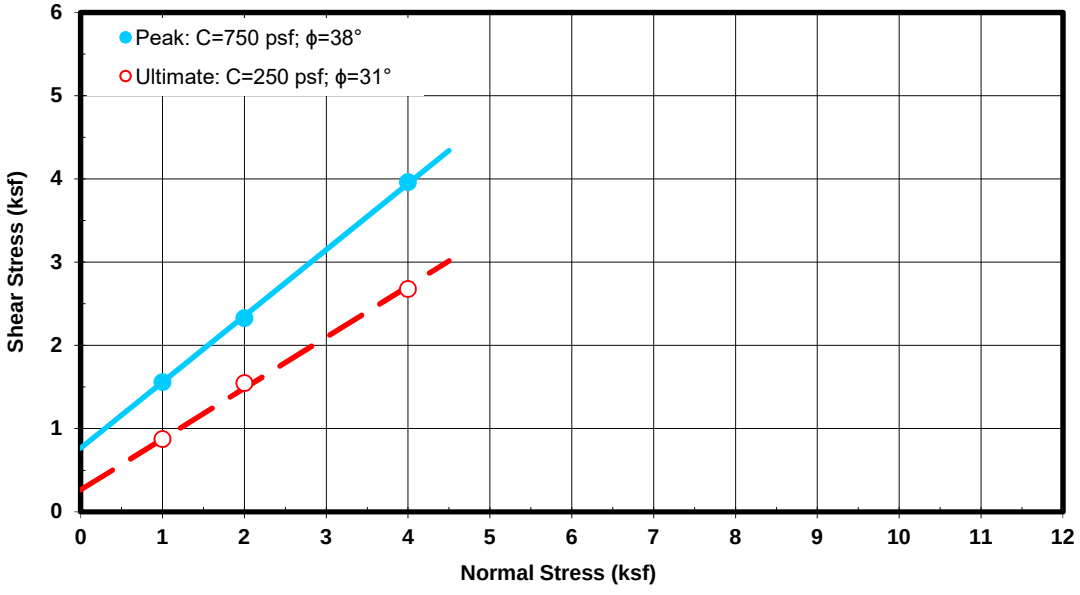
DIRECT SHEAR TEST RESULTS
ASTM D 3080

Project Name:	I-10 Pennsylvania Avenue Interchange Project		**Tested By:**	NG	**Date:** 11/22/19
Project No.:	20182212.001A		**Computed By:**	NR	**Date:** 11/25/19
Boring No.:	A-19-007		**Checked by:**	AP	**Date:** 12/02/19
Sample No.:	5	**Depth (ft):** 15			
Sample Type:	Mod. Cal.				
Soil Description:	Sandy Clay w/gravel				
Test Condition:	Inundated	**Shear Type:** Regular			

Wet Unit Weight (pcf)	Dry Unit Weight (pcf)	Initial Moisture Content (%)	Final Moisture Content (%)	Initial Degree Saturation (%)	Final Degree Saturation (%)	Normal Stress (ksf)	Peak Shear Stress (ksf)	Ultimate Shear Stress (ksf)
135.6	121.0	12.1	14.5	83	99	1	1.560	0.876
						2	2.328	1.548
						4	3.960	2.676





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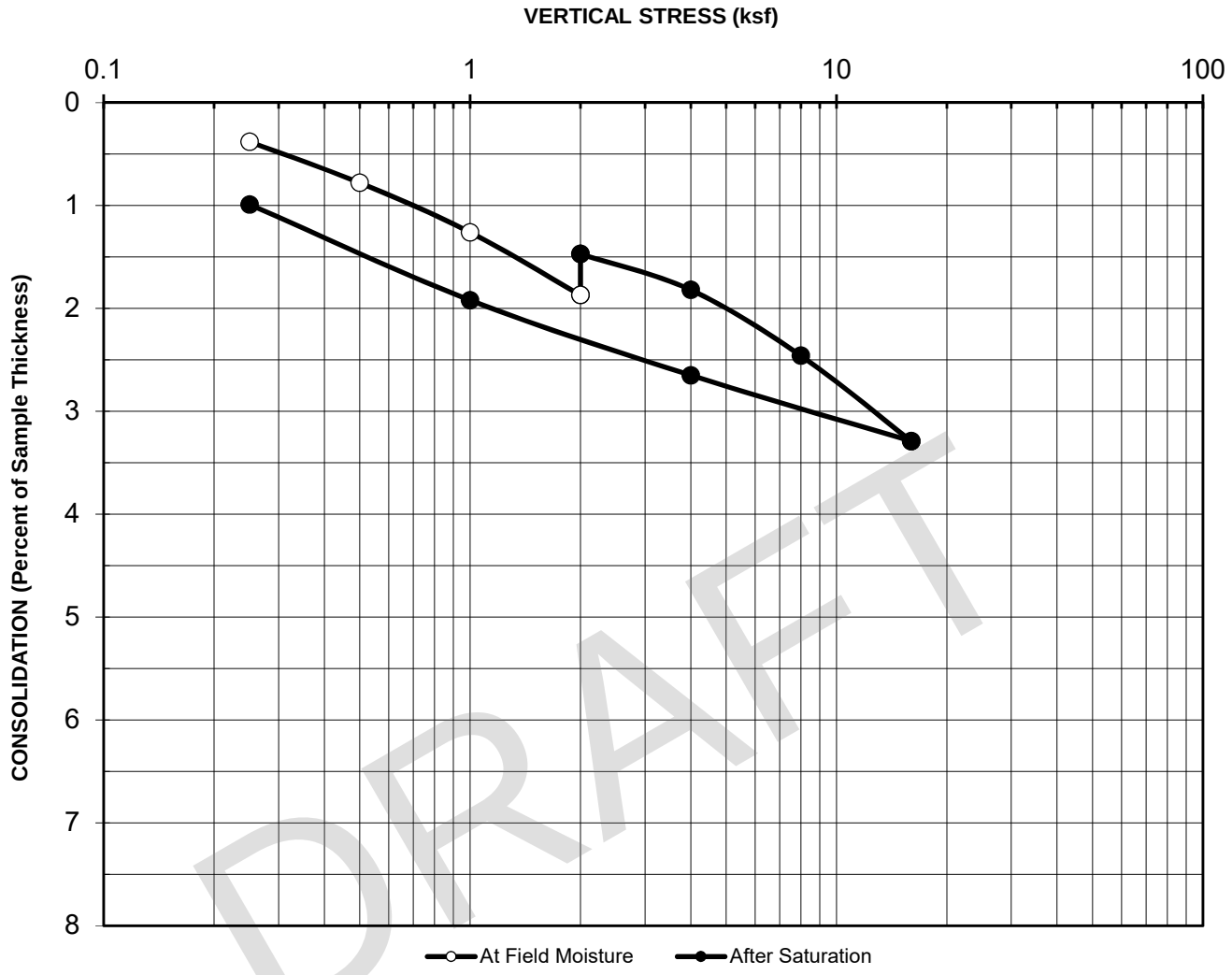

DRAFT

Boring No. :	A-19-006	Initial Dry Unit Weight (pcf):	125.6
Sample No.:	3	Initial Moisture Content (%):	8.5
Depth (feet):	10	Final Moisture Content (%):	13.8
Sample Type:	Mod Cal	Assumed Specific Gravity:	2.7
Soil Description:	Clay w/sand & gravel	Initial Void Ratio:	0.34
Remarks:	Swell= 0.40% upon inundation		

CONSOLIDATION CURVE
ASTM D 2435

Project Name: I-10 Pennsylvania Avenue Interchange Project
Project No.: 20182212.001A
Date: 11/19/2019
AP No: 19-1138 **Figure No:** 1

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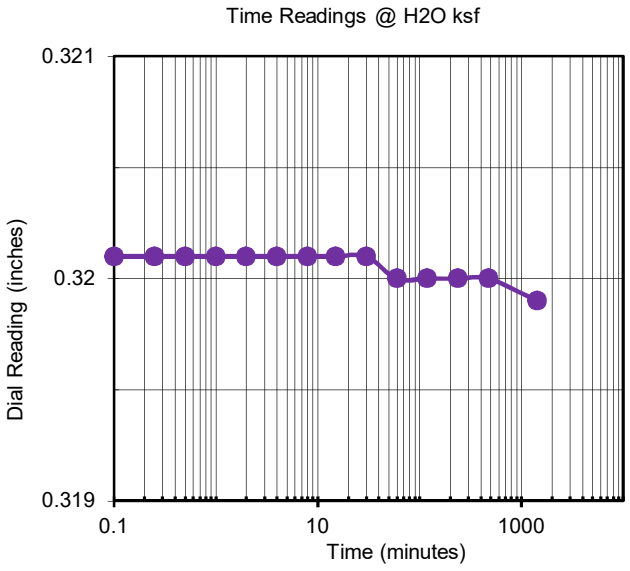

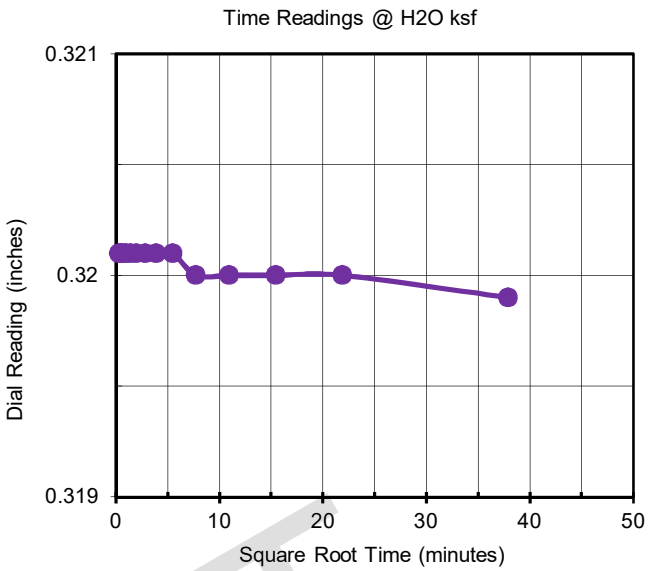

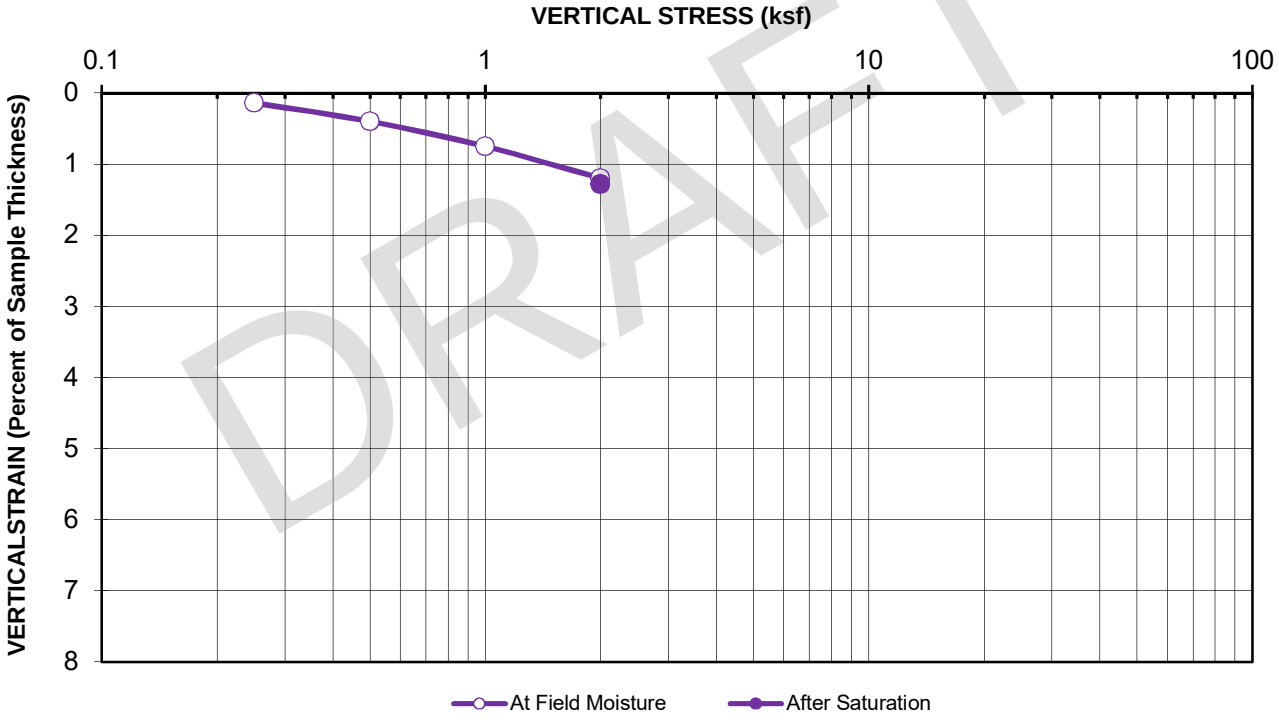

DRAFT

Boring No. :	A-19-005	Initial Dry Unit Weight (pcf):	117.0
Sample No.:	3	Initial Moisture Content (%):	12.9
Depth (feet):	5	Final Moisture Content (%):	16.3
Sample Type:	Mod Cal	Initial Void Ratio:	0.44
Soil Description:	Sandy Clay		
Remarks:	Collapse = 0.08% upon inundation		

1-D SWELL/COLLAPSE
ASTM D 4546-14, Method B

Project Name:	I-10 Pennsylvania Avenue Interchange Project
Project No.:	20182212.001A
Date:	11/19/19
AP No:	19-1138

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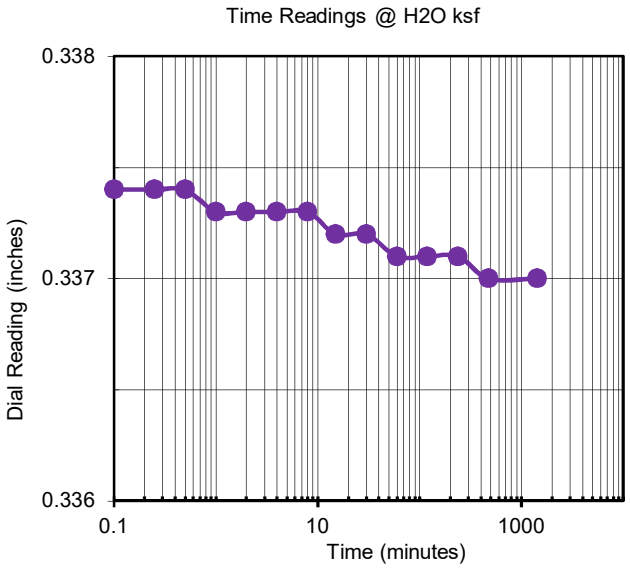

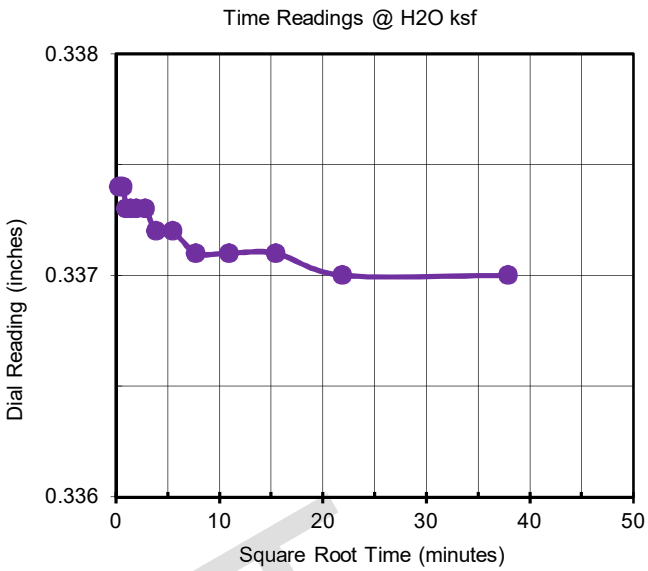

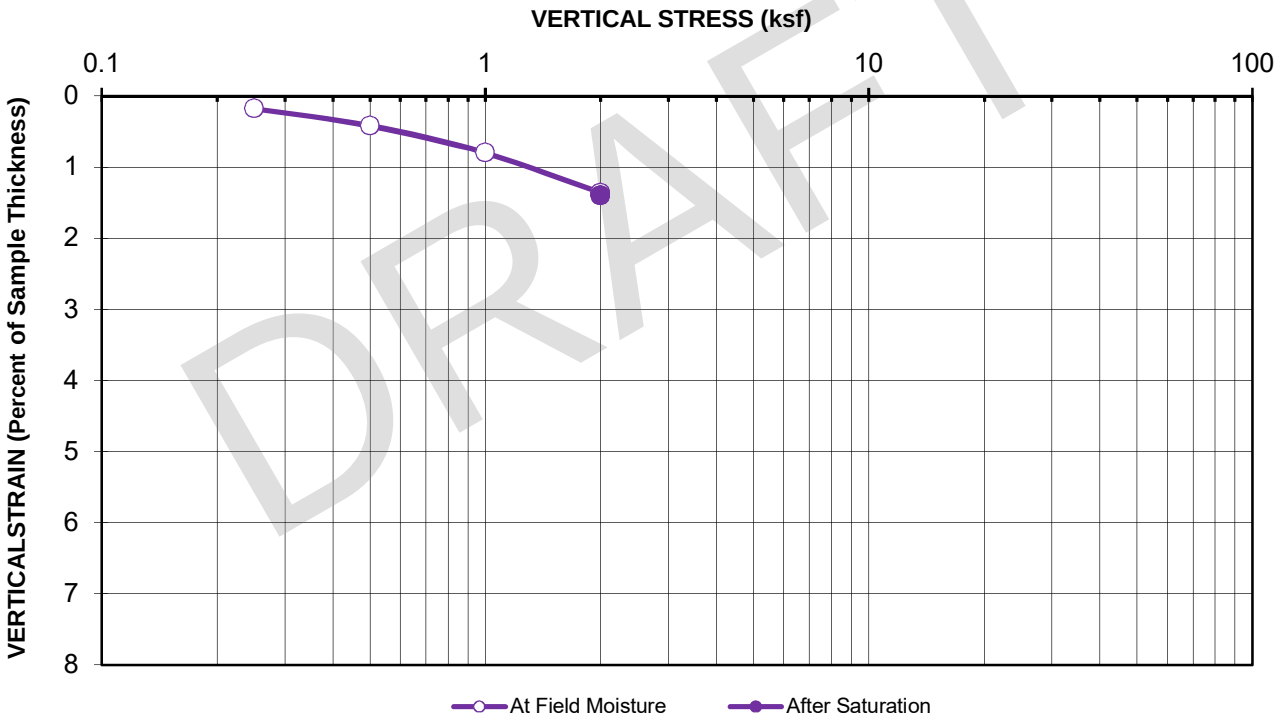

DRAFT

Boring No. :	A-19-007	Initial Dry Unit Weight (pcf):	117.8
Sample No.:	3	Initial Moisture Content (%):	14.9
Depth (feet):	5	Final Moisture Content (%):	16.4
Sample Type:	Mod Cal	Initial Void Ratio:	0.43
Soil Description:	Sandy Clay		
Remarks:	Collapse = 0.04% upon inundation		

1-D SWELL/COLLAPSE
ASTM D 4546-14, Method B

Project Name:	I-10 Pennsylvania Avenue Interchange Project
Project No.:	20182212.001A
Date:	11/19/19
AP No:	19-1138

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EXPANSION INDEX TEST RESULTS

ASTM D 4829

Client Name: Kleinfelder - Laguna Hills
Project Name: I-10 Pennsylvania Avenue Interchange Project
Project No.: 20182212.001A

AP Job No.: 19-1138
Date: 11/26/19

Boring No.	Sample No.	Depth (ft)	Soil Description	Molded Dry Density (pcf)	Molded Moisture Content (%)	Init. Degree Saturation (%)	Measured Expansion Index	Corrected Expansion Index
A-19-001	2	1-3	Silty Clay w/sand	119.0	7.8	50.3	3	3

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ASTM EXPANSION CLASSIFICATION

Expansion Index	Classification
0-20	V. Low
21-50	Low
51-90	Medium
91-130	High
>130	V. High

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EXPANSION INDEX TEST RESULTS

ASTM D 4829

Client Name: Kleinfelder - Laguna Hills
Project Name: I-10 Pennsylvania Avenue Interchange Project
Project No.: 20182212.001A

AP Job No.: 19-1138
Date: 11/26/19

Boring No.	Sample No.	Depth (ft)	Soil Description	Molded Dry Density (pcf)	Molded Moisture Content (%)	Init. Degree Saturation (%)	Measured Expansion Index	Corrected Expansion Index
A-19-007	2	2-5	Lean Clay	114.2	8.9	50.8	46	47

DRAFT

ASTM EXPANSION CLASSIFICATION

Expansion Index	Classification
0-20	V. Low
21-50	Low
51-90	Medium
91-130	High
>130	V. High

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COMPACTION TEST

Client: Kleinfelder
AP Number: 19-1138
Project Name: I-10 Pennsylvania Avenue Interchange Project
Tested By: ST Date: 11/29/19
Project No. : 20182212.001A
Calculated By: NR Date: 12/02/19
Boring No.: A-19-001
Checked By: AP Date: 12/02/19
Sample No.: 2
Depth(ft.): 1-3
Visual Sample Description: Silty Clay w/sand

Compaction Method: [X] ASTM D1557 [ ] ASTM D698
Preparation Method: [ ] Moist [X] Dry

METHOD: A
MOLD VOLUME (CU.FT): 0.0333

Wt. Comp. Soil + Mold (gm.)	3844	3980	3985	3913		
Wt. of Mold (gm.)	1854	1854	1854	1854		
Net Wt. of Soil (gm.)	1990	2126	2131	2059		
Container No.						
Wt. of Container (gm.)	150.02	143.65	137.69	131.46		
Wet Wt. of Soil + Cont. (gm.)	737.24	830.14	699.38	717.73		
Dry Wt. of Soil + Cont. (gm.)	703.38	775.83	643.33	647.46		
Moisture Content (%)	6.12	8.59	11.08	13.62		
Wet Density (pcf)	131.61	140.61	140.94	136.18		
Dry Density (pcf)	124.02	129.48	126.88	119.86		

Maximum Dry Density (pcf): **129.9**
Maximum Dry Density w/ Rock Correction (pcf): **N/A**
Optimum Moisture Content (%): **9.3**
Optimum Moisture Content w/ Rock Correction (%): **N/A**

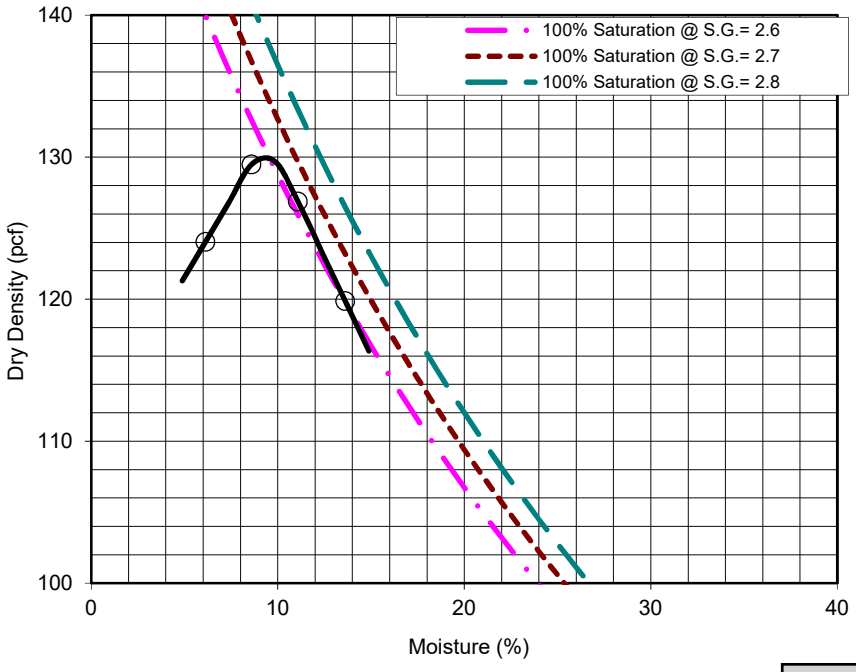
DRAFT

PROCEDURE USED

[X] *METHOD A: Percent of Oversize:* 2.1%
Soil Passing No. 4 (4.75 mm) Sieve
Mold : 4 in. (101.6 mm) diameter
Layers : 5 (Five)
Blows per layer : 25 (twenty-five)

[ ] *METHOD B: Percent of Oversize:* N/A
Soil Passing 3/8 in. (9.5 mm) Sieve
Mold : 4 in. (101.6 mm) diameter
Layers : 5 (Five)
Blows per layer : 25 (twenty-five)

[ ] *METHOD C: Percent of Oversize:* N/A
Soil Passing 3/4 in. (19.0 mm) Sieve
Mold : 6 in. (152.4 mm) diameter
Layers : 5 (Five)
Blows per layer : 56 (fifty-six)



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COMPACTION TEST

Client: Kleinfelder
AP Number: 19-1138
Project Name: I-10 Pennsylvania Avenue Interchange Project
Tested By: ST Date: 11/29/19
Project No. : 20182212.001A
Calculated By: NR Date: 12/02/19
Boring No.: A-19-010
Checked By: AP Date: 12/02/19
Sample No.: 2
Depth(ft.): 0-5
Visual Sample Description: Sandy Clay

Compaction Method
[X] ASTM D1557
[ ] ASTM D698

METHOD: A
MOLD VOLUME (CU.FT): 0.0333

Preparation Method
[ ] Moist
[X] Dry

Wt. Comp. Soil + Mold (gm.)	3901	3989	3946	3760		
Wt. of Mold (gm.)	1855	1855	1855	1855		
Net Wt. of Soil (gm.)	2047	2135	2092	1906		
Container No.						
Wt. of Container (gm.)	138.96	146.92	135.97	137.63		
Wet Wt. of Soil + Cont. (gm.)	609.78	751.88	660.50	724.77		
Dry Wt. of Soil + Cont. (gm.)	574.95	696.13	602.58	692.18		
Moisture Content (%)	7.99	10.15	12.41	5.88		
Wet Density (pcf)	135.35	141.17	138.33	126.03		
Dry Density (pcf)	125.34	128.16	123.05	119.03		

Maximum Dry Density (pcf): **128.2**
Maximum Dry Density w/ Rock Correction (pcf): **N/A**
Optimum Moisture Content (%): **9.8**
Optimum Moisture Content w/ Rock Correction (%): **N/A**

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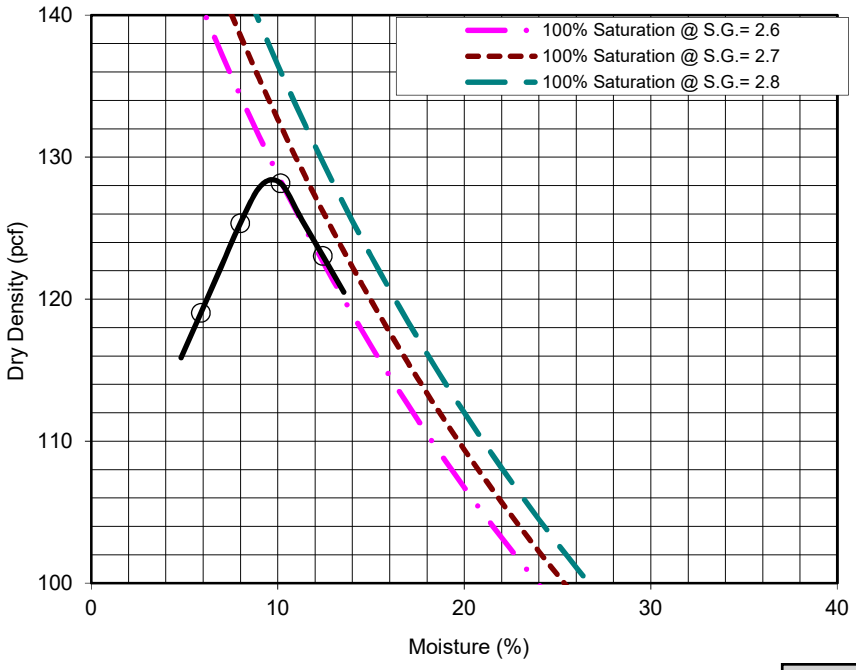
PROCEDURE USED

[X] *METHOD A: Percent of Oversize:* 1.6%
Soil Passing No. 4 (4.75 mm) Sieve
Mold : 4 in. (101.6 mm) diameter
Layers : 5 (Five)
Blows per layer : 25 (twenty-five)

[ ] *METHOD B: Percent of Oversize:* N/A
Soil Passing 3/8 in. (9.5 mm) Sieve
Mold : 4 in. (101.6 mm) diameter
Layers : 5 (Five)
Blows per layer : 25 (twenty-five)

[ ] *METHOD C: Percent of Oversize:* N/A
Soil Passing 3/4 in. (19.0 mm) Sieve
Mold : 6 in. (152.4 mm) diameter
Layers : 5 (Five)
Blows per layer : 56 (fifty-six)



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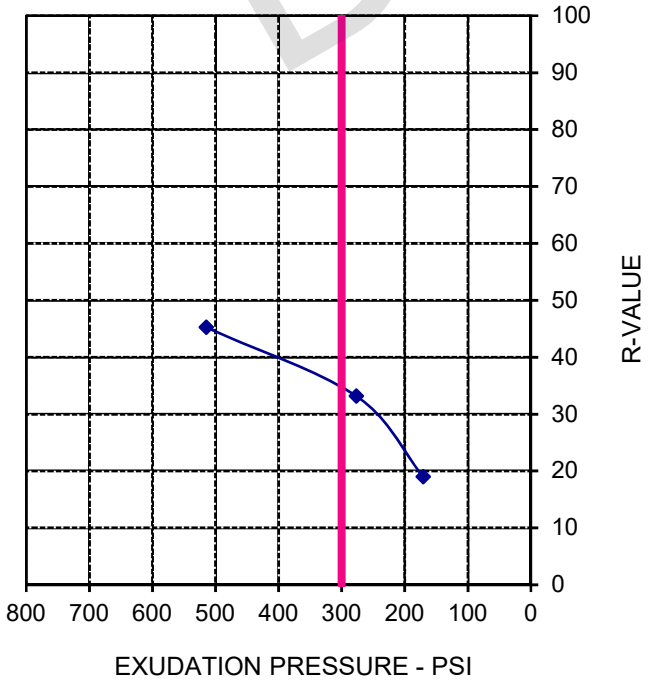
R-VALUE TEST DATA

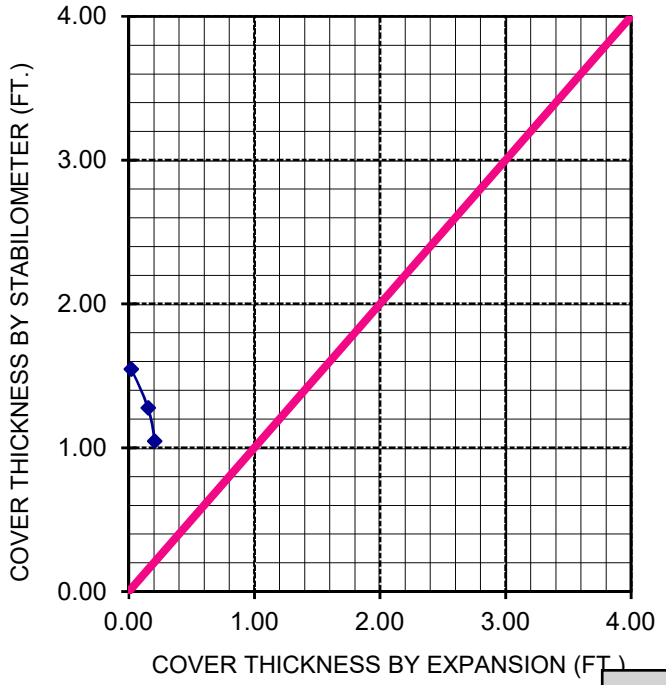
ASTM D2844

Project Name:	I-10 Pennsylvania Avenue Interchange Projec	Tested By:	ST	Date:	11/21/19
Project Number:	20182212.001A	Computed By:	KM	Date:	11/22/19
Boring No.:	A-19-002	Checked By:	AP	Date:	12/02/19
Sample No.:	2	Depth (ft.):	1-5		
Location:	N/A				
Soil Description:	Clayey Sand				

Mold Number	R6	R4	R5	
Water Added, g	32	40	50	
Compact Moisture(%)	14.5	15.3	16.4	
Compaction Gage Pressure, psi	250	150	50	
Exudation Pressure, psi	515	277	171	
Sample Height, Inches	2.4	2.5	2.6	
Gross Weight Mold, g	3090	3098	3109	
Tare Weight Mold, g	2012	2016	2011	
Net Sample Weight, g	1079	1082	1098	
Expansion, inchesx10^{-4}	62	46	6	
Stability 2,000 (160 psi)	20/62	36/88	50/118	
Turns Displacement	4.20	4.12	4.10	
R-Value Uncorrected	48	33	18	
R-Value Corrected	45	33	19	
Dry Density, pcf	118.9	113.7	109.9	
Traffic Index	8.0	8.0	8.0	
G.E. by Stability	1.05	1.28	1.55	
G.E. by Expansion	0.21	0.15	0.02	

R-VALUE		
	By Exudation:	35
	By Expansion:	*N/A
	At Equilibrium: (by Exudation)	35
Remarks	Gf = 1.34, and 0.0 % Retained on the ¾" *Not Applicable	





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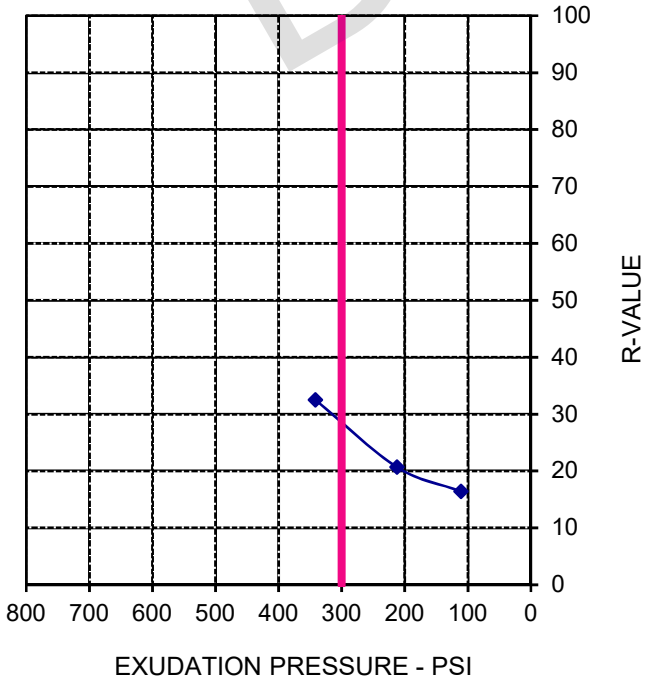
R-VALUE TEST DATA

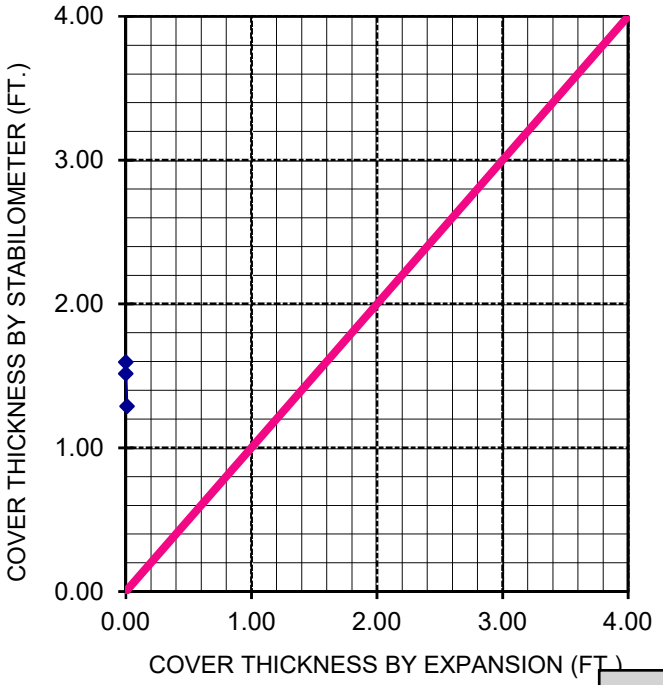
ASTM D2844

Project Name:	I-10 Pennsylvania Avenue Interchange Projec	Tested By:	ST	Date:	11/22/19
Project Number:	20182212.001A	Computed By:	KM	Date:	11/25/19
Boring No.:	A-19-005	Checked By:	AP	Date:	12/02/19
Sample No.:	2	Depth (ft.):	0.5-5		
Location:	N/A				
Soil Description:	Clayey Sand				

Mold Number	A	B	C	
Water Added, g	41	31	21	
Compact Moisture(%)	15.3	14.2	13.1	
Compaction Gage Pressure, psi	50	75	250	
Exudation Pressure, psi	111	212	342	
Sample Height, Inches	2.5	2.5	2.4	
Gross Weight Mold, g	3055	3055	3045	
Tare Weight Mold, g	1967	1970	1967	
Net Sample Weight, g	1088	1085	1077	
Expansion, inchesx10^{-4}	0	0	3	
Stability 2,000 (160 psi)	53/118	48/110	39/86	
Turns Displacement	4.52	4.36	4.02	
R-Value Uncorrected	16	21	35	
R-Value Corrected	16	21	33	
Dry Density, pcf	114.4	115.2	120.2	
Traffic Index	8.0	8.0	8.0	
G.E. by Stability	1.60	1.52	1.29	
G.E. by Expansion	0.00	0.00	0.01	

R-VALUE		
	By Exudation:	28
	By Expansion:	*N/A
	At Equilibrium: (by Exudation)	28
Remarks	Gf = 1.34, and 0.0 % Retained on the ¾" *Not Applicable	





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R-VALUE TEST DATA

ASTM D2844

Project Name:	I-10 Pennsylvania Avenue Interchange Projec	Tested By:	ST	Date:	11/21/19
Project Number:	20182212.001A	Computed By:	KM	Date:	11/22/19
Boring No.:	A-19-007	Checked By:	AP	Date:	12/02/19
Sample No.:	2	Depth (ft.):	2-5		
Location:	N/A				
Soil Description:	Sandy Clay				

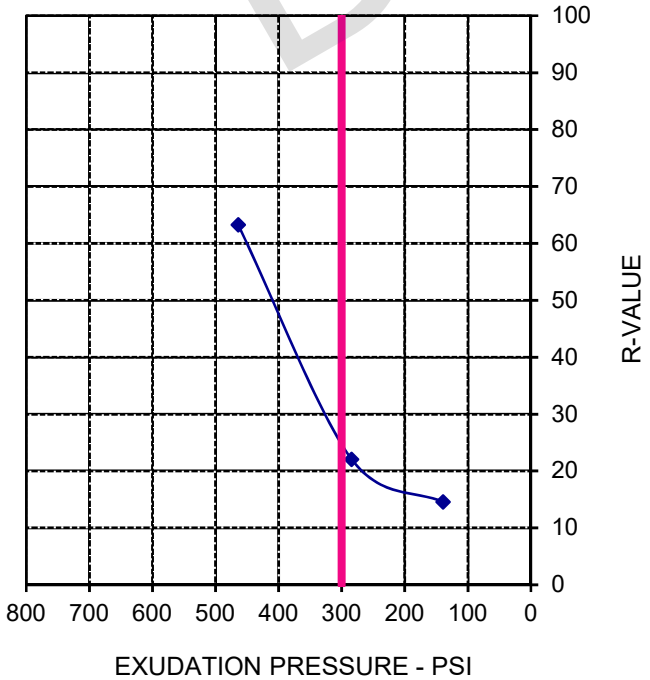
Mold Number	G	I	H	
Water Added, g	46	31	18	
Compact Moisture(%)	14.4	12.8	11.4	
Compaction Gage Pressure, psi	70	150	350	
Exudation Pressure, psi	139	284	464	
Sample Height, Inches	2.5	2.5	2.5	
Gross Weight Mold, g	2919	2892	2901	
Tare Weight Mold, g	1826	1818	1836	
Net Sample Weight, g	1093	1074	1065	
Expansion, inchesx10^{-4}	0	2	4	
Stability 2,000 (160 psi)	50/122	46/108	18/44	
Turns Displacement	4.57	4.25	3.83	
R-Value Uncorrected	15	22	63	
R-Value Corrected	15	22	63	
Dry Density, pcf	115.8	115.4	115.8	
Traffic Index	8.0	8.0	8.0	
G.E. by Stability	1.63	1.49	0.70	
G.E. by Expansion	0.00	0.01	0.01	

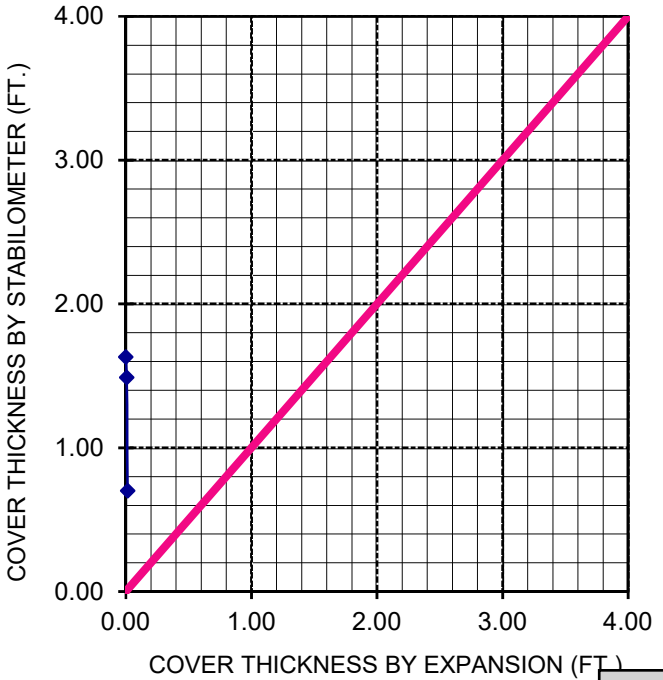
R-VALUE		
	By Exudation:	24
	By Expansion:	*N/A
	At Equilibrium: (by Exudation)	24

Remarks

Gf = 1.34, and 0.0 % Retained on the ¾"
*Not Applicable

DRAFT





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R-VALUE TEST DATA

ASTM D2844

Project Name:	I-10 Pennsylvania Avenue Interchange Projec	Tested By:	ST	Date:	11/21/19
Project Number:	20182212.001A	Computed By:	KM	Date:	11/22/19
Boring No.:	A-19-011	Checked By:	AP	Date:	12/02/19
Sample No.:	2	Depth (ft.):	2-5		
Location:	N/A				
Soil Description:	Sandy Clay				

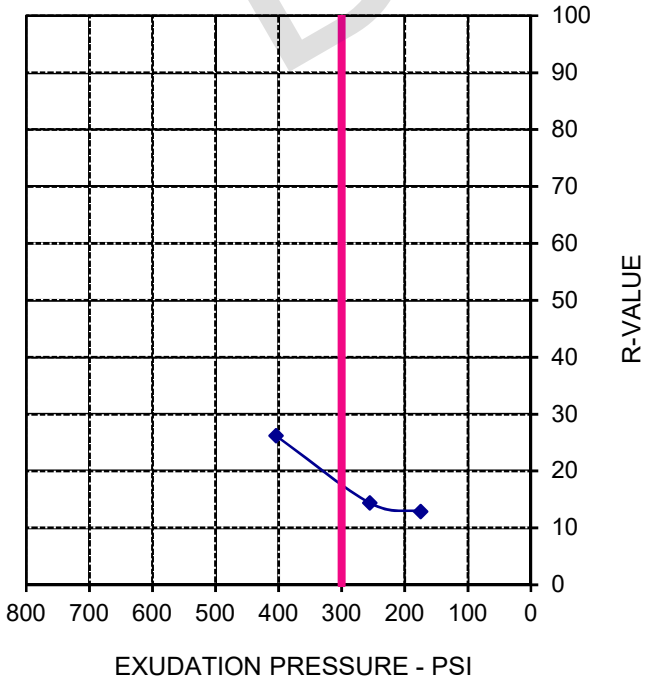
Mold Number	G	I	H	
Water Added, g	16	5	0	
Compact Moisture(%)	17.0	15.8	15.2	
Compaction Gage Pressure, psi	50	125	250	
Exudation Pressure, psi	175	255	404	
Sample Height, Inches	2.5	2.5	2.4	
Gross Weight Mold, g	2893	2882	2883	
Tare Weight Mold, g	1826	1818	1836	
Net Sample Weight, g	1067	1064	1047	
Expansion, inchesx10^{-4}	16	11	51	
Stability 2,000 (160 psi)	58/128	53/124	44/106	
Turns Displacement	4.23	4.32	3.26	
R-Value Uncorrected	13	14	28	
R-Value Corrected	13	14	26	
Dry Density, pcf	110.5	111.4	114.7	
Traffic Index	8.0	8.0	8.0	
G.E. by Stability	1.66	1.64	1.41	
G.E. by Expansion	0.05	0.04	0.17	

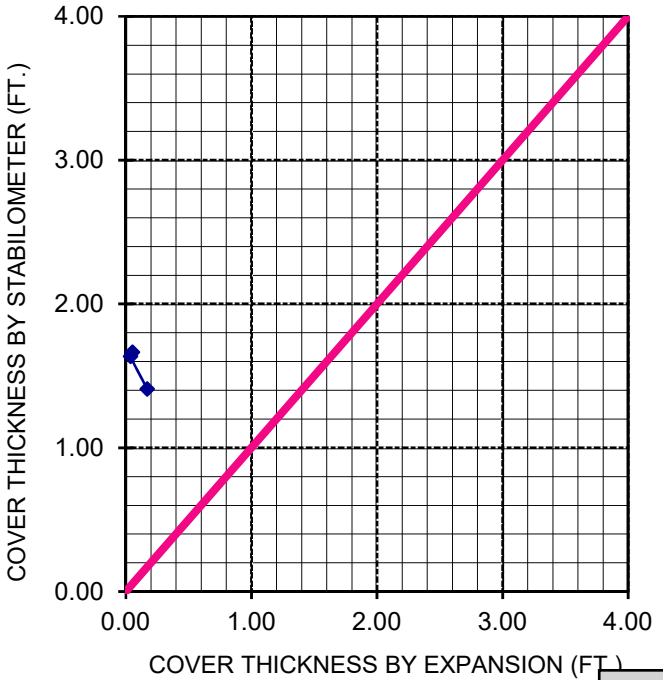
R-VALUE		
	By Exudation:	18
	By Expansion:	*N/A
	At Equilibrium: (by Exudation)	18

Remarks

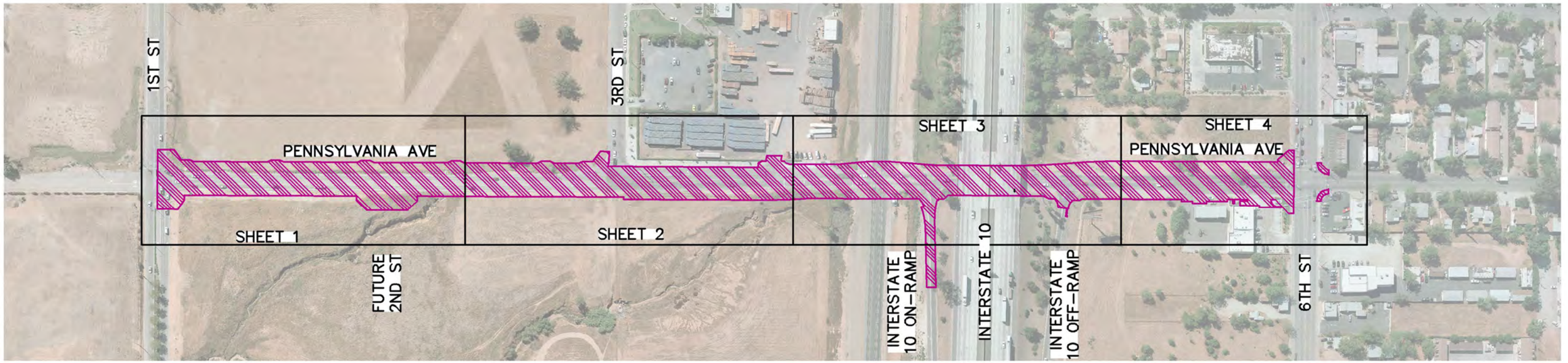
Gf = 1.34, and 0.2 % Retained on the ¾"
*Not Applicable

DRAFT





Appendix C: Project BMP Exhibit and Sizing Documentation



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LOCATION MAP
1"=250'

NORTH

TPG SITE PLAN
PENNSYLVANIA AVENUE ROADWAY WIDENING

LEGEND

NEW OR REPLACED AREA (DISTURBED AREA)

COLD MILL 2" AC PAVEMENT

BASIN DMA ID

AREA (ACRES)

DMA XX

DMA BOUNDARY

PROJECT AREA

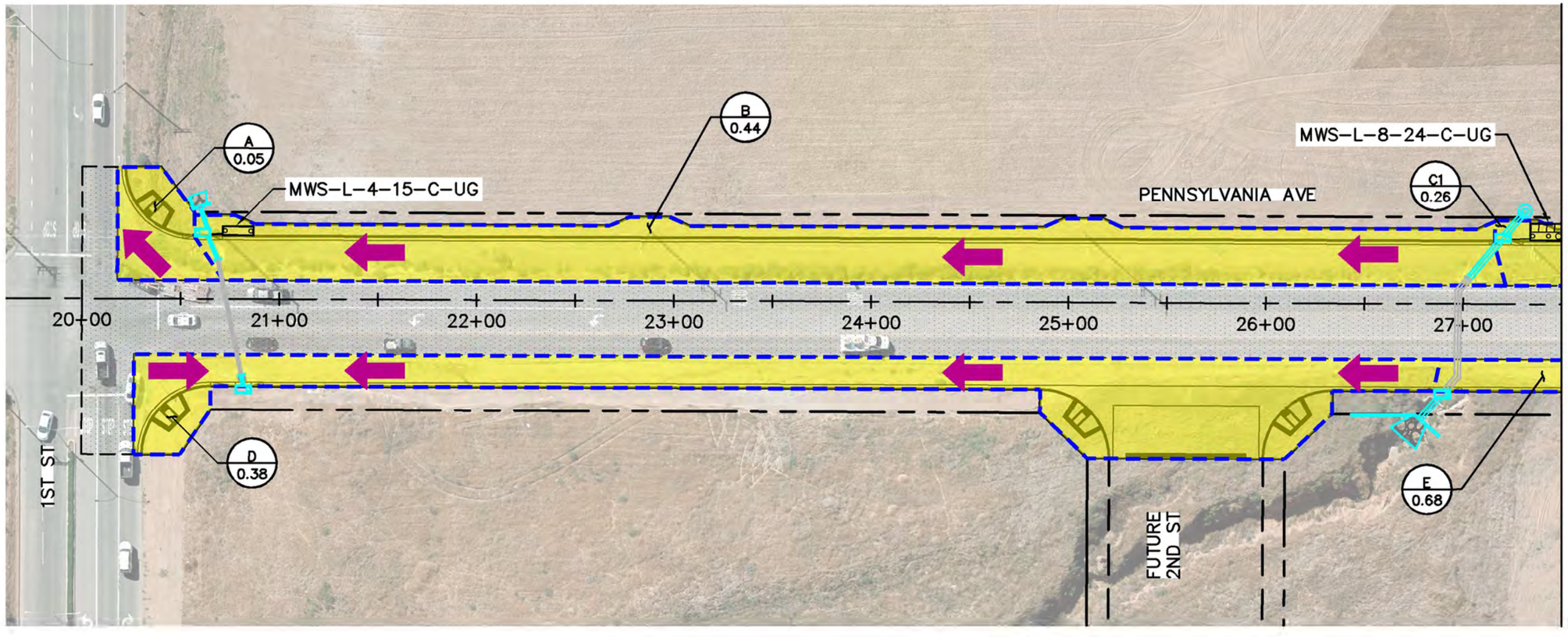
RIGHT-OF-WAY LINE

FLOW DIRECTION

PROPRIETARY BMP MODEL NO. (OR APPROVED EQUAL)

MWS-L-X-X-X-X

TOTAL DISTURBED AREA IS 4.35 ACRES FOR THE PROJECT.



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NORTH

GRAPHIC SCALE IN FEET
0 30 60 120

TPG SITE PLAN

PENNSYLVANIA AVENUE ROADWAY WIDENING

SHEET 1 OF 4

LEGEND

NEW OR REPLACED AREA (DISTURBED AREA)

COLD MILL 2" AC PAVEMENT

BASIN DMA ID

AREA (ACRES)

DMA XX

DMA BOUNDARY

PROJECT AREA

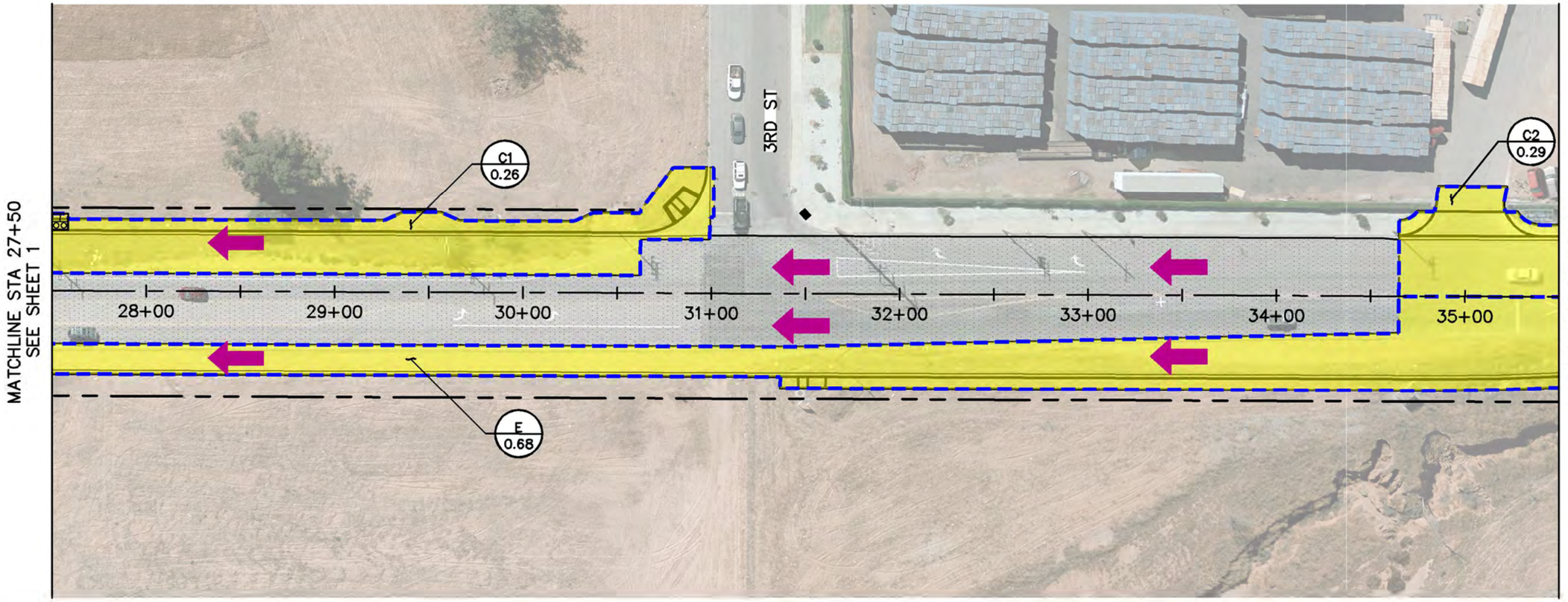
RIGHT-OF-WAY LINE

FLOW DIRECTION

PROPRIETARY BMP MODEL NO. (OR APPROVED EQUAL)

MWS-L-X-X-X-X

TOTAL DISTURBED AREA IS 4.35 ACRES FOR THE PROJECT.



Kimley»Horn

NORTH

GRAPHIC SCALE IN FEET
0 30 60 120

TPG SITE PLAN
PENNSYLVANIA AVENUE ROADWAY WIDENING
SHEET 2 OF 4

LEGEND

NEW OR REPLACED AREA (DISTURBED AREA)

COLD MILL 2" AC PAVEMENT

BASIN DMA ID

AREA (ACRES)

DMA XX

DMA BOUNDARY

PROJECT AREA

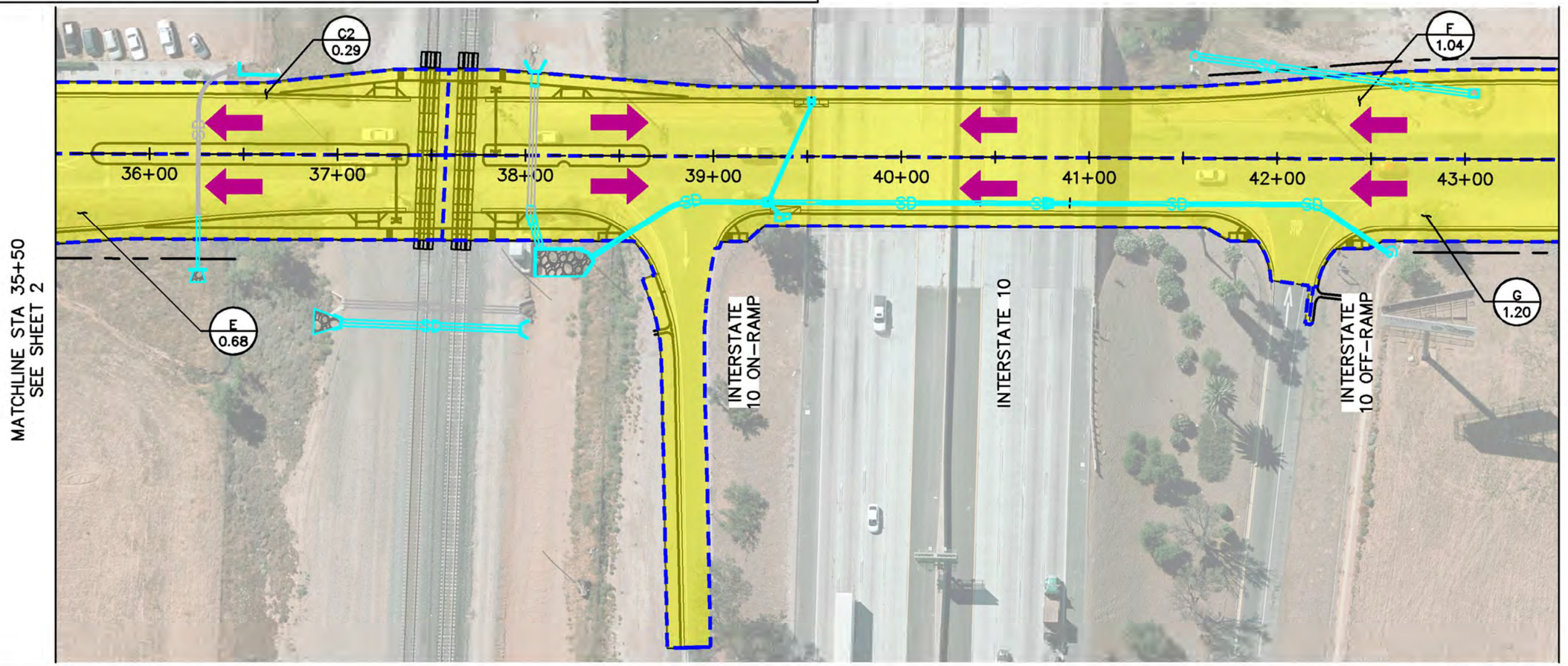
RIGHT-OF-WAY LINE

FLOW DIRECTION

PROPRIETARY BMP MODEL NO. (OR APPROVED EQUAL)

MWS-L-X-X-X-X

TOTAL DISTURBED AREA IS 4.35 ACRES FOR THE PROJECT.



Kimley»Horn

NORTH

GRAPHIC SCALE IN FEET
0 30 60 120

TPG SITE PLAN
PENNSYLVANIA AVENUE ROADWAY WIDENING
SHEET 3 OF 4

LEGEND

NEW OR REPLACED AREA (DISTURBED AREA)

COLD MILL 2" AC PAVEMENT

BASIN DMA ID

AREA (ACRES)

DMA XX

DMA BOUNDARY

PROJECT AREA

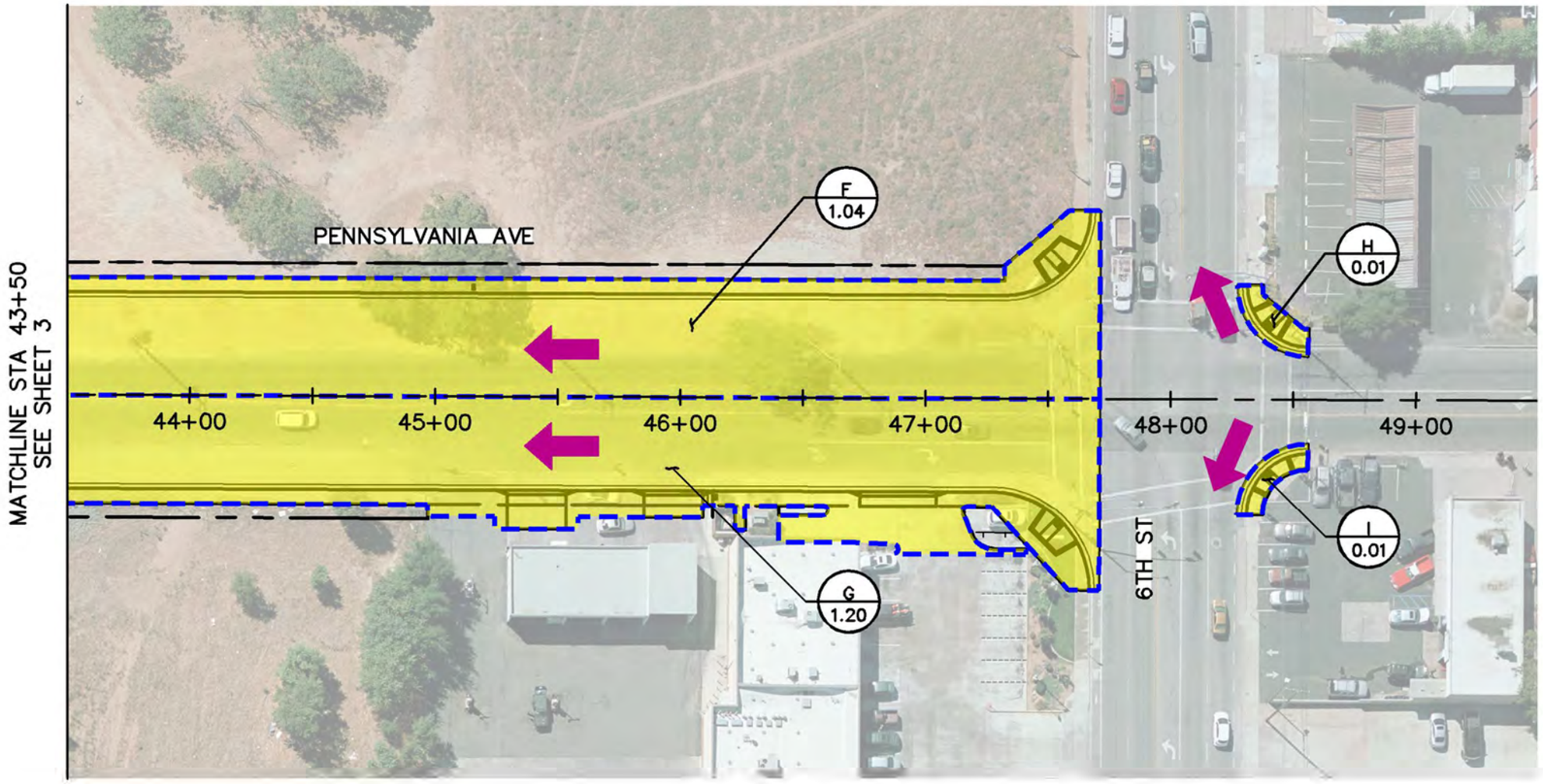
RIGHT-OF-WAY LINE

FLOW DIRECTION

PROPRIETARY BMP MODEL NO. (OR APPROVED EQUAL)

MWS-L-X-X-X-X

TOTAL DISTURBED AREA IS 4.35 ACRES FOR THE PROJECT.



Kimley»Horn

NORTH

GRAPHIC SCALE IN FEET
0 30 60 120

TPG SITE PLAN
PENNSYLVANIA AVENUE ROADWAY WIDENING
SHEET 4 OF 4

Summary of Project BMP Sizing Calculations

Pennsylvania Avenue Roadway Widening 3/25/2020

Drainage Area Tributary to BMP	Drainage Area		Pervious Area	Design Flow Rate	Additional Tributary Area		Additional Impervious Tributary	Total Flow Rate	MWS Model or approved equal	Treatment Capacity	Total BMP Treatment Flow Rate
(ID #)	(sf)	(AC)	(sf)	(cfs)	(sf)	(AC)	(cfs)	(cfs)		(cfs)	(cfs)
DMA-A	2208	0.05	0	0.01	-	-	-	0.01	-	-	-
DMA-B	19084	0.44	0	0.08	9255	0.21	0.04	0.12	MWS-L-4-15-C-UG	0.144	0.12
DMA-C	24012	0.55	0	0.10	372931	8.56	1.52	1.62	MWS-L-8-24-C-UG	0.693	0.69
DMA-D	16385	0.38	0	0.07	17217	0.40	0.07	0.14	-	-	-
DMA-E	29459	0.68	0	0.12	17488	0.40	0.07	0.19	-	-	-
DMA-F	45113	1.04	0	0.18	-	-	-	0.18	-	-	-
DMA-G	52440	1.20	0	0.21	-	-	-	0.21	-	-	-
DMA-H	449	0.01	0	0.00	-	-	-	0.00	-	-	-
DMA-I	392	0.01	0	0.00	-	-	-	0.00	-	-	-
TOTAL =	189542	4.35	0	**0.77**						Total Treated=	**0.81**

Notes:

1. Additional impervious tributary area equation: Q = C*i*A
2. Equation parameters: C = 0.89, i = 0.20 (in/hr), and A = varies (AC)

Santa Ana Watershed - BMP Design Flow Rate, Q_{BMP}

(Rev. 10-2011)

Legend: Required Entries / Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name: Kimley-Horn and Associates, Inc. | Date: 2/11/2020

Designed by: Stephani Torres | Case No:

Company Project Number/Name: Pensylvania Avenue Roadway Widening

BMP Identification

BMP NAME / ID: DMA-A

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

Design Rainfall Intensity: I = 0.20 in/hr

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

	DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	Design Rainfall Intensity (in/hr)	Design Flow Rate (cfs)	Proposed Flow Rate (cfs)
DMAs	1	2208	Concrete or Asphalt	1	0.89	1969.5			
		2208		***Total***		**1969.5**	**0.20**	***0***	

Notes:

Santa Ana Watershed - BMP Design Flow Rate, Q_{BMP}

(Rev. 10-2011)

Legend: Required Entries / Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name: Kimley-Horn and Associates, Inc. | Date: 2/11/2020

Designed by: Stephani Torres | Case No:

Company Project Number/Name: Pensylvania Avenue Roadway Widening

BMP Identification

BMP NAME / ID: DMA-B

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

Design Rainfall Intensity: I = 0.20 in/hr

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMAs

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	*Design Rainfall Intensity (in/hr)*	*Design Flow Rate (cfs)*	*Proposed Flow Rate (cfs)*
1	*19084*	*Concrete or Asphalt*	*1*	*0.89*	*17022.9*			
	19084		***Total***		**17022.9**	**0.20**	***0.1***	***0.12***

Notes:

Santa Ana Watershed - BMP Design Flow Rate, Q_{BMP}

(Rev. 10-2011)

Legend: Required Entries / Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name	Kimley-Horn and Associates, Inc.	Date	2/11/2020
Designed by	Stephani Torres	Case No	
Company Project Number/Name	Pensylvania Avenue Roadway Widening		

BMP Identification

BMP NAME / ID: DMA-C

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

Design Rainfall Intensity I = 0.20 in/hr

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMAs

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	*Design Rainfall Intensity (in/hr)*	*Design Flow Rate (cfs)*	*Proposed Flow Rate (cfs)*
1	*24012*	*Concrete or Asphalt*	*1*	*0.89*	*21418.7*			

Santa Ana Watershed - BMP Design Flow Rate, Q_{BMP}

(Rev. 10-2011)

Legend: Required Entries / Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name: Kimley-Horn and Associates, Inc. | Date: 2/11/2020

Designed by: Stephani Torres | Case No:

Company Project Number/Name: Pensylvania Avenue Roadway Widening

BMP Identification

BMP NAME / ID: DMA-D

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

Design Rainfall Intensity: I = 0.20 in/hr

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMAs

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	*Design Rainfall Intensity (in/hr)*	*Design Flow Rate (cfs)*	*Proposed Flow Rate (cfs)*
1	*16385*	*Concrete or Asphalt*	*1*	*0.89*	*14615.4*			
	16385		***Total***		**14615.4**	**0.20**	***0.1***	

Proposed Volume must be greater than the Design Capture Volume

Notes:

Santa Ana Watershed - BMP Design Flow Rate, Q_{BMP}

(Rev. 10-2011)

Legend: Required Entries / Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name: Kimley-Horn and Associates, Inc. | Date: 2/11/2020

Designed by: Stephani Torres | Case No:

Company Project Number/Name: Pensylvania Avenue Roadway Widening

BMP Identification

BMP NAME / ID: DMA-E

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

Design Rainfall Intensity: I = 0.20 in/hr

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMAs

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	*Design Rainfall Intensity (in/hr)*	*Design Flow Rate (cfs)*	*Proposed Flow Rate (cfs)*
1	*29459*	*Concrete or Asphalt*	*1*	*0.89*	*26277.4*			
	29459		***Total***		**26277.4**	**0.20**	***0.1***	***0.19***

Notes:

Santa Ana Watershed - BMP Design Flow Rate, Q_{BMP}

(Rev. 10-2011)

Legend: Required Entries / Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name: Kimley-Horn and Associates, Inc. | Date: 2/11/2020

Designed by: Stephani Torres | Case No:

Company Project Number/Name: Pensylvania Avenue Roadway Widening

BMP Identification

BMP NAME / ID: DMA-F

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

Design Rainfall Intensity: I = 0.20 in/hr

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMAs

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	*Design Rainfall Intensity (in/hr)*	*Design Flow Rate (cfs)*	*Proposed Flow Rate (cfs)*
1	*45113*	*Concrete or Asphalt*	*1*	*0.89*	*40240.8*			
	45113		***Total***		**40240.8**	**0.20**	***0.2***	

Proposed Volume must be greater than the Design Capture Volume

Notes:

Santa Ana Watershed - BMP Design Flow Rate, Q_{BMP}

(Rev. 10-2011)

Legend: Required Entries / Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name: Kimley-Horn and Associates, Inc. | Date: 2/11/2020

Designed by: Stephani Torres | Case No:

Company Project Number/Name: Pensylvania Avenue Roadway Widening

BMP Identification

BMP NAME / ID: DMA-G

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

Design Rainfall Intensity: I = 0.20 in/hr

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMAs

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	*Design Rainfall Intensity (in/hr)*	*Design Flow Rate (cfs)*	*Proposed Flow Rate (cfs)*
1	*52440*	*Concrete or Asphalt*	*1*	*0.89*	*46776.5*			
	52440		***Total***		**46776.5**	**0.20**	***0.2***	

Proposed Volume must be greater than the Design Capture Volume

Notes:

Santa Ana Watershed - BMP Design Flow Rate, Q_{BMP}

(Rev. 10-2011)

Legend: Required Entries / Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name: Kimley-Horn and Associates, Inc. | Date: 2/11/2020

Designed by: Stephani Torres | Case No:

Company Project Number/Name: Pensylvania Avenue Roadway Widening

BMP Identification

BMP NAME / ID: DMA-H

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

Design Rainfall Intensity: I = 0.20 in/hr

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMAs

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	Design Rainfall Intensity (in/hr)	Design Flow Rate (cfs)	Proposed Flow Rate (cfs)
1	*449*	*Concrete or Asphalt*	*1*	*0.89*	*400.5*			

Santa Ana Watershed - BMP Design Flow Rate, Q_{BMP}

(Rev. 10-2011)

Legend: Required Entries / Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name: Kimley-Horn and Associates, Inc. | Date: 2/11/2020

Designed by: Stephani Torres | Case No:

Company Project Number/Name: Pensylvania Avenue Roadway Widening

BMP Identification

BMP NAME / ID: DMA-I

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

Design Rainfall Intensity: I = 0.20 in/hr

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMAs

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	Design Rainfall Intensity (in/hr)	Design Flow Rate (cfs)	Proposed Flow Rate (cfs)
1	*392*	*Concrete or Asphalt*	*1*	*0.89*	*349.7*			
	392		***Total***		**349.7**	**0.20**	***0***	

Notes:

SITE SPECIFIC DATA			
PROJECT NUMBER		10774	
PROJECT NAME		PENNSYLVANIA AVENUE ROADWAY WIDENING	
PROJECT LOCATION		BEAUMONT, CA	
STRUCTURE ID		118	
TREATMENT REQUIRED			
VOLUME BASED (CF)		FLOW BASED (CFS)	
----		0.144	
TREATMENT HGL AVAILABLE (FT)			N/K
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	N/A	N/A	N/A
INLET PIPE 2	N/A	N/A	N/A
OUTLET PIPE	2572.28	PVC	6"
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION	2576.04	2576.04	2576.04
SURFACE LOAD	PEDESTRIAN	PEDESTRIAN	PEDESTRIAN
FRAME & COVER	ø30"	N/A	ø24"
WETLANDMEDIA VOLUME (CY)			2.83
ORIFICE SIZE (DIA. INCHES)			ø 1.80"
NOTES: PRELIMINARY. NOT FOR CONSTRUCTION.			

INSTALLATION NOTES

1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURERS SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURERS CONTRACT.
2. UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE TO VERIFY PROJECT ENGINEERS RECOMMENDED BASE SPECIFICATIONS.
3. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE. (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL GAPS AROUND PIPES SHALL BE SEALED WATER TIGHT WITH A NON–SHRINK GROUT PER MANUFACTURERS STANDARD CONNECTION DETAIL AND SHALL MEET OR EXCEED REGIONAL PIPE CONNECTION STANDARDS.
4. CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES.
5. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL RISERS, MANHOLES, AND HATCHES. CONTRACTOR TO GROUT ALL MANHOLES AND HATCHES TO MATCH FINISHED SURFACE UNLESS SPECIFIED OTHERWISE.
6. DRIP OR SPRAY IRRIGATION REQUIRED ON ALL UNITS WITH VEGETATION.
7. CONTRACTOR RESPONSIBLE FOR CONTACTING MODULAR WETLANDS FOR ACTIVATION OF UNIT. MANUFACTURES WARRANTY IS VOID WITH OUT PROPER ACTIVATION BY A MODULAR WETLANDS REPRESENTATIVE.

GENERAL NOTES

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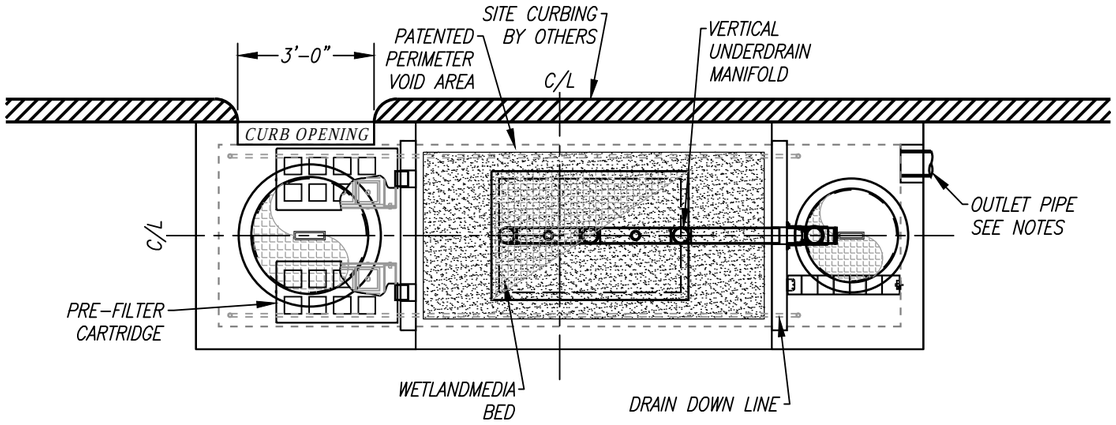
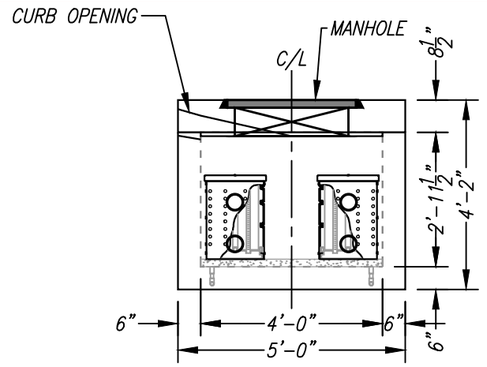
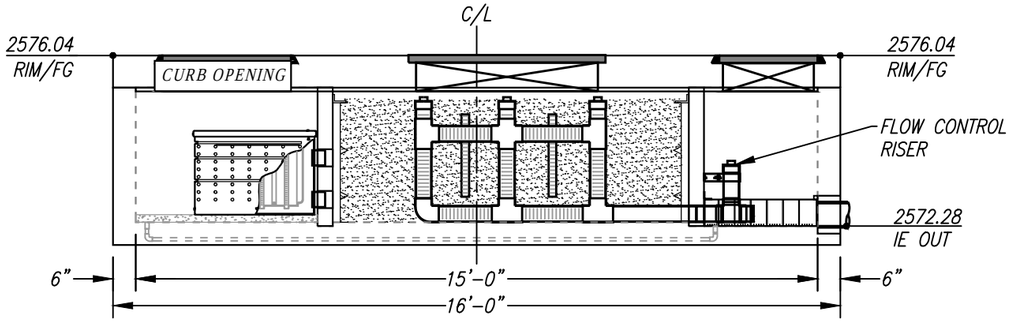


PLAN VIEW

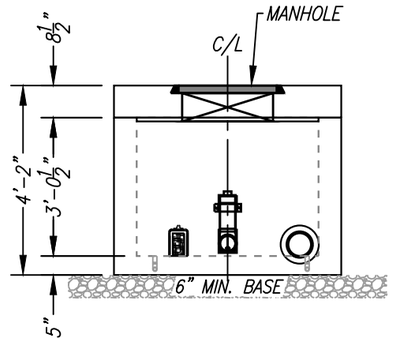
Sample unit only - specific proprietary unit with site specific configuration will be provided by Contractor for approval prior to installation.



LEFT END VIEW



ELEVATION VIEW



RIGHT END VIEW

TREATMENT FLOW (CFS)	0.144
OPERATING HEAD (FT)	2.8
PRETREATMENT LOADING RATE (GPM/SF)	1.3
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

MODULAR WETLANDS
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PROPRIETARY AND CONFIDENTIAL:
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MODULAR WETLANDS SYSTEMS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MODULAR WETLANDS SYSTEMS IS PROHIBITED.

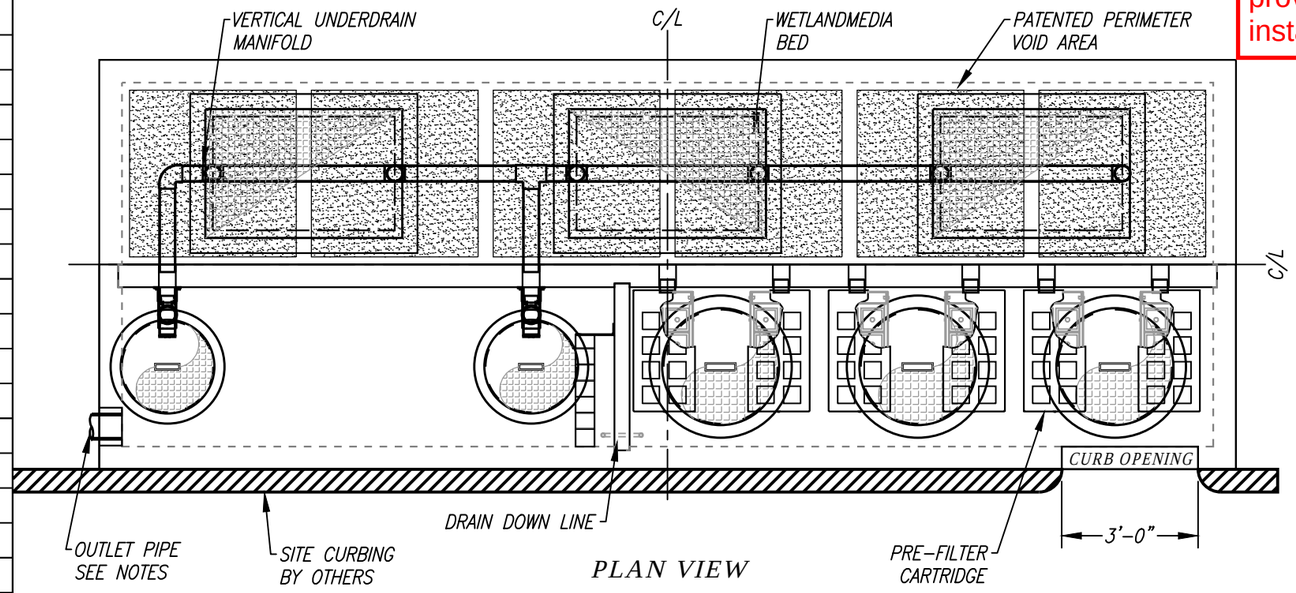
Bio Clean
A Forterra Company

MWS-L-4-15-C
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

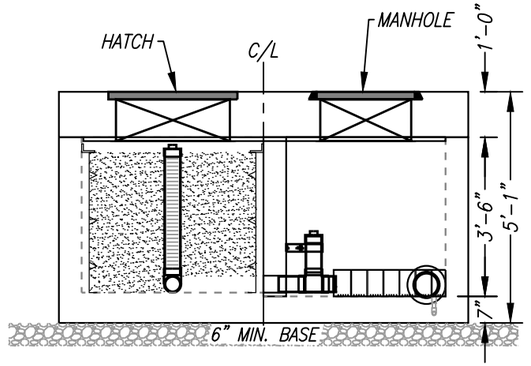
3/31/2010LEE

SITE SPECIFIC DATA			
PROJECT NUMBER		10774	
PROJECT NAME		PENNSYLVANIA AVENUE ROADWAY WIDENING	
PROJECT LOCATION		BEAUMONT, CA	
STRUCTURE ID		119	
TREATMENT REQUIRED			
VOLUME BASED (CF)		FLOW BASED (CFS)	
----		0.693	
TREATMENT HGL AVAILABLE (FT)			N/K
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			FLOW BY
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	----	N/A	N/A
INLET PIPE 2	N/A	N/A	N/A
OUTLET PIPE	2583.88	PVC	6"
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION	2588.38	2588.38	2588.38
SURFACE LOAD	PEDESTRIAN	PEDESTRIAN	PEDESTRIAN
FRAME & COVER	3 EA ø30"	3 EA 30"X48"	2 EA ø24"
WETLANDMEDIA VOLUME (CY)			14.35
ORIFICE SIZE (DIA. INCHES)			ø2.66" EA
NOTES: PRELIMINARY. NOT FOR CONSTRUCTION.			

Sample unit only - specific proprietary unit with site specific configuration will be provided by Contractor for approval prior to installation.



PLAN VIEW



LEFT END VIEW

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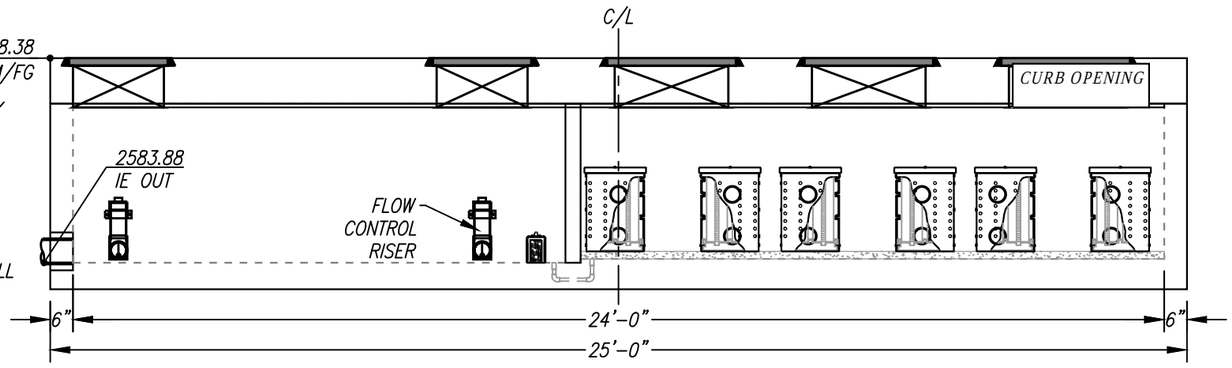
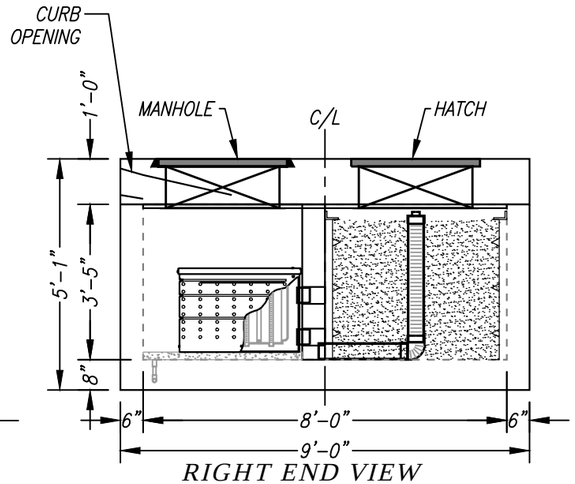


ELEVATION VIEW



RIGHT END VIEW

TREATMENT FLOW (CFS)	0.693
OPERATING HEAD (FT)	3.4
PRETREATMENT LOADING RATE (GPM/SF)	2.0
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

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Bio Clean
A Forterra Company

MWS-L-8-24-4'-6"-C
STORMWATER BIOFILTRATION SYSTE
STANDARD DETAIL

3/31/2010LEE

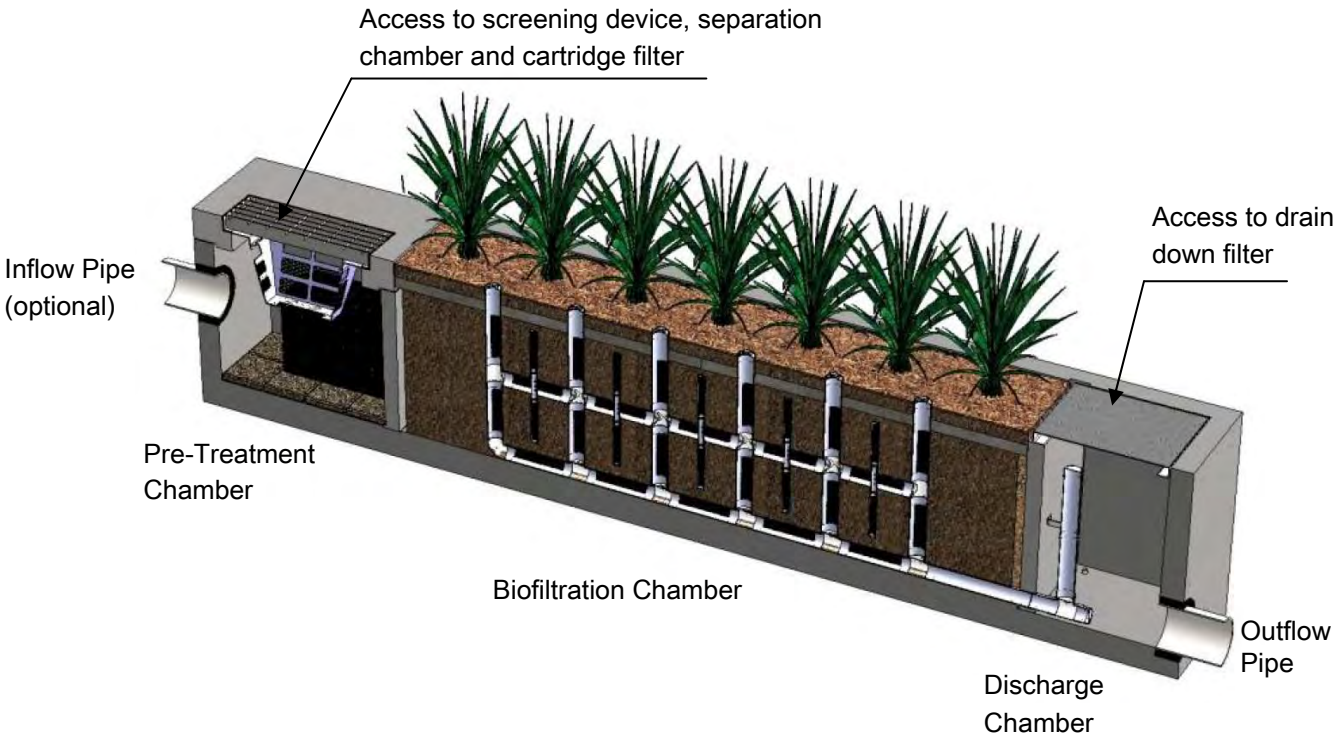
Sample only - specific guidelines for selected proprietary unit will be provided by Contractor.

Maintenance Guidelines for Modular Wetland System - Linear

Maintenance Summary

- Remove Trash from Screening Device – average maintenance interval is 6 to 12 months.
  - (*5 minute average service time*).
- Remove Sediment from Separation Chamber – average maintenance interval is 12 to 24 months.
  - (*10 minute average service time*).
- Replace Cartridge Filter Media – average maintenance interval 12 to 24 months.
  - (*10-15 minute per cartridge average service time*).
- Replace Drain Down Filter Media – average maintenance interval is 12 to 24 months.
  - (*5 minute average service time*).
- Trim Vegetation – average maintenance interval is 6 to 12 months.
  - (*Service time varies*).

System Diagram



Maintenance Procedures

Screening Device

1. Remove grate or manhole cover to gain access to the screening device in the Pre-Treatment Chamber. Vault type units do not have screening device. Maintenance can be performed without entry.
2. Remove all pollutants collected by the screening device. Removal can be done manually or with the use of a vacuum truck. The hose of the vacuum truck will not damage the screening device.
3. Screening device can easily be removed from the Pre-Treatment Chamber to gain access to separation chamber and media filters below. Replace grate or manhole cover when completed.

Separation Chamber

1. Perform maintenance procedures of screening device listed above before maintaining the separation chamber.
2. With a pressure washer spray down pollutants accumulated on walls and cartridge filters.
3. Vacuum out Separation Chamber and remove all accumulated pollutants. Replace screening device, grate or manhole cover when completed.

Cartridge Filters

1. Perform maintenance procedures on screening device and separation chamber before maintaining cartridge filters.
2. Enter separation chamber.
3. Unscrew the two bolts holding the lid on each cartridge filter and remove lid.
4. Remove each of 4 to 8 media cages holding the media in place.
5. Spray down the cartridge filter to remove any accumulated pollutants.
6. Vacuum out old media and accumulated pollutants.
7. Reinstall media cages and fill with new media from manufacturer or outside supplier. Manufacturer will provide specification of media and sources to purchase.
8. Replace the lid and tighten down bolts. Replace screening device, grate or manhole cover when completed.

Drain Down Filter

1. Remove hatch or manhole cover over discharge chamber and enter chamber.
2. Unlock and lift drain down filter housing and remove old media block. Replace with new media block. Lower drain down filter housing and lock into place.
3. Exit chamber and replace hatch or manhole cover.

Maintenance Notes

1. Following maintenance and/or inspection, it is recommended the maintenance operator prepare a maintenance/inspection record. The record should include any maintenance activities performed, amount and description of debris collected, and condition of the system and its various filter mechanisms.

2. The owner should keep maintenance/inspection record(s) for a minimum of five years from the date of maintenance. These records should be made available to the governing municipality for inspection upon request at any time.

3. Transport all debris, trash, organics and sediments to approved facility for disposal in accordance with local and state requirements.

4. Entry into chambers may require confined space training based on state and local regulations.

5. No fertilizer shall be used in the Biofiltration Chamber.

6. Irrigation should be provided as recommended by manufacturer and/or landscape architect. Amount of irrigation required is dependent on plant species. Some plants may require irrigation.

Maintenance Procedure Illustration

Screening Device

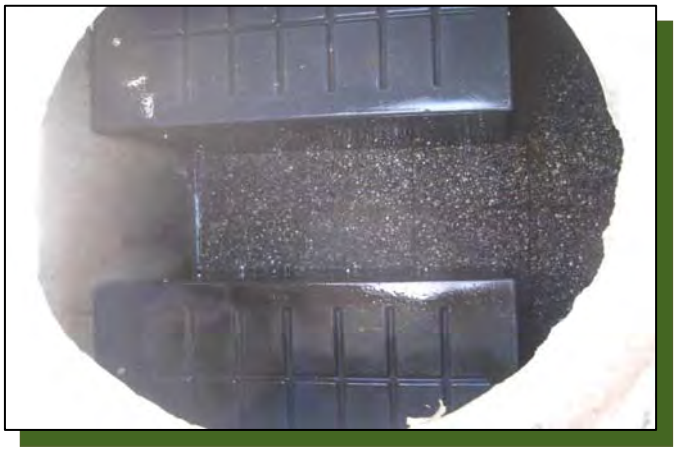
The screening device is located directly under the manhole or grate over the Pre-Treatment Chamber. It's mounted directly underneath for easy access and cleaning. Device can be cleaned by hand or with a vacuum truck.

Separation Chamber

The separation chamber is located directly beneath the screening device. It can be quickly cleaned using a vacuum truck or by hand. A pressure washer is useful to assist in the cleaning process.

Cartridge Filters

The cartridge filters are located in the Pre-Treatment chamber connected to the wall adjacent to the biofiltration chamber. The cartridges have removable tops to access the individual media filters. Once the cartridge is open media can be easily removed and replaced by hand or a vacuum truck.



Drain Down Filter

The drain down filter is located in the Discharge Chamber. The drain filter unlocks from the wall mount and hinges up. Remove filter block and replace with new block.

Trim Vegetation

Vegetation should be maintained in the same manner as surrounding vegetation and trimmed as needed. No fertilizer shall be used on the plants. Irrigation per the recommendation of the manufacturer and or landscape architect. Different types of vegetation requires different amounts of irrigation.

Inspection Form

Modular Wetland System, Inc.
P. 760.433-7640
F. 760-433-3176
E. Info@modularwetlands.com

www.modularwetlands.com

Inspection Report
Modular Wetlands System

Project Name _____

Project Address _____ (city) (Zip Code)

Owner / Management Company _____

Contact _____ Phone ( ) –

Inspector Name _____ Date ___/___/___ Time _____ AM / PM

Type of Inspection ☐ Routine ☐ Follow Up ☐ Complaint ☐ Storm Storm Event in Last 72-hours? ☐ No ☐ Yes

Weather Condition _____ Additional Notes _____

For Office Use Only
(Reviewed By)
(Date)
Office personnel to complete section to the left.

Inspection Checklist

Modular Wetland System Type (Curb, Grate or UG Vault): _____ Size (22', 14' or etc.): _____

Structural Integrity:	**Yes**	**No**	**Comments**
Damage to pre-treatment access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?			
Damage to discharge chamber access cover (manhole cover/grate) or cannot be opened using normal lifting pressure?			
Does the MWS unit show signs of structural deterioration (cracks in the wall, damage to frame)?			
Is the inlet/outlet pipe or drain down pipe damaged or otherwise not functioning properly?			
Working Condition:			
Is there evidence of illicit discharge or excessive oil, grease, or other automobile fluids entering and clogging the unit?			
Is there standing water in inappropriate areas after a dry period?			
Is the filter insert (if applicable) at capacity and/or is there an accumulation of debris/trash on the shelf system?			
Does the depth of sediment/trash/debris suggest a blockage of the inflow pipe, bypass or cartridge filter? If yes, specify which one in the comments section. Note depth of accumulation in in pre-treatment chamber.			Depth:
Does the cartridge filter media need replacement in pre-treatment chamber and/or discharge chamber?			Chamber:
Any signs of improper functioning in the discharge chamber? Note issues in comments section.			
Other Inspection Items:			
Is there an accumulation of sediment/trash/debris in the wetland media (if applicable)?			
Is it evident that the plants are alive and healthy (if applicable)? Please note Plant Information below.			
Is there a septic or foul odor coming from inside the system?			

Waste:	**Yes**	**No**
Sediment / Silt / Clay		
Trash / Bags / Bottles		
Green Waste / Leaves / Foliage		

Recommended Maintenance	
No Cleaning Needed	
Schedule Maintenance as Planned	
Needs Immediate Maintenance	

Plant Information	
Damage to Plants	
Plant Replacement	
Plant Trimming	

Additional Notes: _____

2972 San Luis Rey Road, Oceanside, CA 92058 P (760) 433-7640 F (760) 433-3176

Maintenance Report

Modular Wetland System, Inc.
P. 760.433-7640
F. 760-433-3176
E. Info@modularwetlands.com

www.modularwetlands.com

Cleaning and Maintenance Report
Modular Wetlands System

Project Name _____

Project Address _____
(city) (Zip Code)

Owner / Management Company _____

Contact _____ Phone ( ) –

Inspector Name _____ Date ____/____/____ Time _____ AM / PM

For Office Use Only
(Reviewed By)
(Date)
Office personnel to complete section to the left.

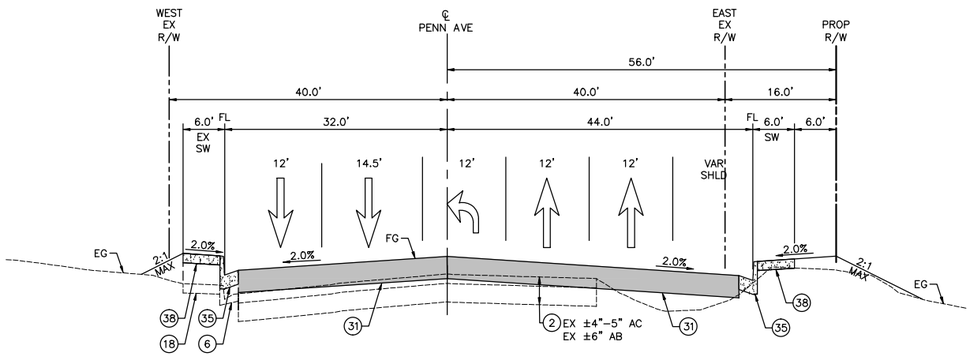
Type of Inspection ☐ Routine ☐ Follow Up ☐ Complaint ☐ Storm Storm Event in Last 72-hours? ☐ No ☐ Yes

Weather Condition _____ Additional Notes _____

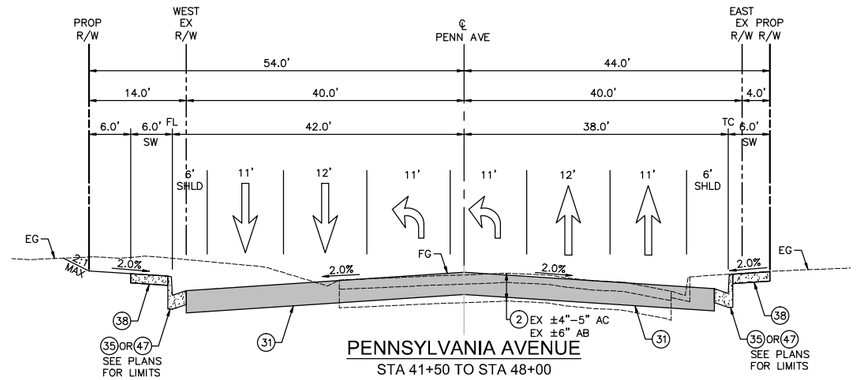
Site Map #	GPS Coordinates of Insert	Manufacturer / Description / Sizing	Trash Accumulation	Foliage Accumulation	Sediment Accumulation	Total Debris Accumulation	Condition of Media 25/50/75/100 (will be changed @ 75%)	Operational Per Manufactures' Specifications (If not, why?)
	Lat: Long:	MWS Catch Basins						
		MWS Sedimentation Basin						
		Media Filter Condition						
		Plant Condition						
		Drain Down Media Condition						
		Discharge Chamber Condition						
		Drain Down Pipe Condition						
		Inlet and Outlet Pipe Condition						

Comments:

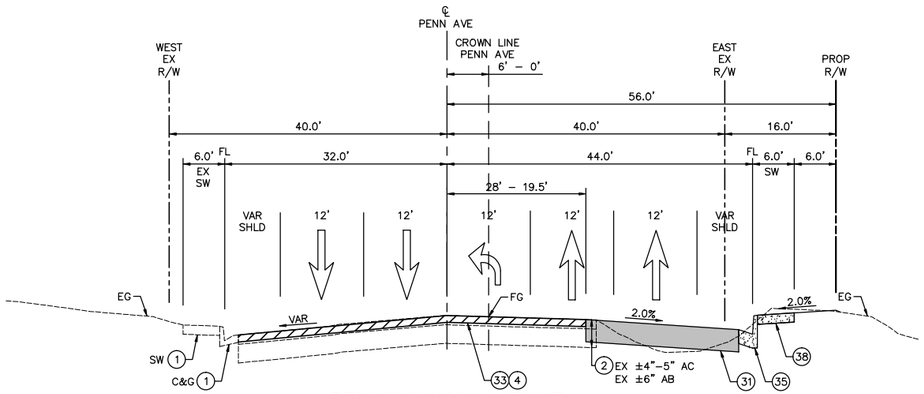
Appendix D: Typical Sections



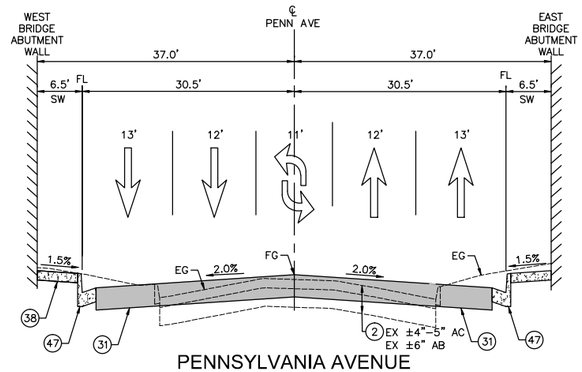
PENNSYLVANIA AVENUE
STA 34+65 TO STA 35+70
NOT TO SCALE



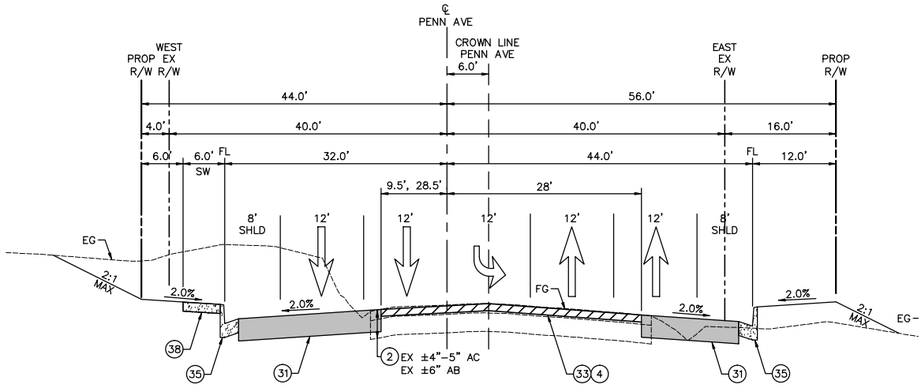
PENNSYLVANIA AVENUE
STA 41+50 TO STA 48+00
NOT TO SCALE



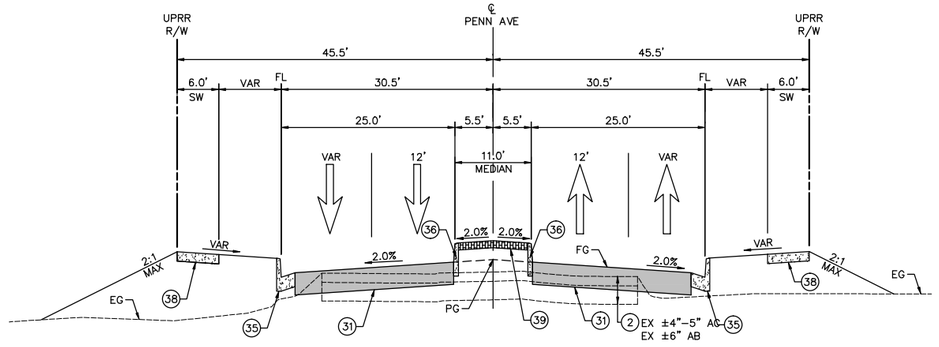
PENNSYLVANIA AVENUE
STA 31+00 TO STA 34+65
NOT TO SCALE



PENNSYLVANIA AVENUE
STA 39+50 TO STA 41+50
NOT TO SCALE



PENNSYLVANIA AVENUE
STA 20+00 TO STA 31+00
NOT TO SCALE



PENNSYLVANIA AVENUE
STA 35+70 TO STA 39+50
NOT TO SCALE

CONSTRUCTION NOTES

1. PROTECT EXISTING IMPROVEMENT IN PLACE.
2. SAWCUT AND REMOVE EXISTING AC PAVEMENT TO SUBGRADE.
4. COLDMILL EXISTING AC PAVEMENT (2").
6. REMOVE EXISTING CURB AND GUTTER.
18. REMOVE PCC SW.
31. CONSTRUCT XX" HMA (1/2 INCH TYPE A PG-64-10) OVER XX" CLASS 2 AB OVER COMPACTED SUBGRADE.
33. CONSTRUCT VARIABLE DEPTH AC OVERLAY (2" MIN).
35. CONSTRUCT TYPE A-8 CURB AND GUTTER PER COUNTY OF RIVERSIDE STD DETAIL 201.
36. CONSTRUCT TYPE D (8-INCH) CURB PER COUNTY OF RIVERSIDE STD DETAIL 204.
38. CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STD DETAIL 401.
39. CONSTRUCT 2" STAMPED CONCRETE HARDSCAPE MEDIAN OVER COMPACTED SUBGRADE.
47. CONSTRUCT CURB AND GUTTER TYPE A2-8 PER CALTRANS STD PLAN A87A.

LEGEND

- COLD MILL AND AC OVERLAY
- AC PAVEMENT
- PROPOSED PCC IMPROVEMENTS

95% SUBMITTAL – NOT FOR CONSTRUCTION 06/05/2018

811 Know what's below. Call before you dig.

BENCHMARK:
ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). DIFFERENTIAL LEVELS AND STATIC GPS OBSERVATIONS DETERMINED ELEVATIONS. THE NATIONAL GEODETIC SURVEY (NGS) DATASHEET ELEVATION AT THE NGS BENCHMARK WAS USED:
STATION NGS POINT ID ELEVATION(FT)
K 1311 DX3472 2601.93
DESCRIPTION: 3" BRASS DISK SET VERTICALLY IN THE WEST FACE OF THE EAST ABUTMENT OF I-10 OVERCROSSING OF PENNSYLVANIA AVE., 36' EAST OF THE AVENUE CENTERLINE, 1.7' NORTH OF THE SOUTH END OF THE WEST FACE, 3' ABOVE THE GROUND.

BY	MARK	DESCRIPTION	APPR.	DATE
ENGINEER		REVISIONS	CITY	

Kimley»Horn
765 The City Drive, Suite 200
Orange, California 92868 (714) 939-1030

ERIC REGUEIRO, P.E. R.C.E. NO. 78161 DATE

SEAL: REGISTERED PROFESSIONAL ENGINEER ERIC C REGUEIRO 78161 CIVIL STATE OF CALIFORNIA

DESIGN BY: ER
DRAWN BY: SL
CHECKED BY: AR
SCALE: NTS
DATE: 06/05/2018
JOB NUMBER: ----

CITY of BEAUMONT CALIFORNIA INC. NOV. 15, 1912

Reviewed By: _____ Staff Engineer Date: _____
Recommended for Approval By: _____ Administrative Engineer Date: _____
Approved By: _____ City Engineer/Director of Public Works Date: _____

CITY OF BEAUMONT, PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
550E. 6th St Beaumont, CA 92223
TEL: (951) 769-8520 FAX: (951) 769-8526

CITY OF BEAUMONT, CALIFORNIA
IMPROVEMENT PLANS FOR:
PENNSYLVANIA AVENUE
ROADWAY WIDENING PROJECT

TYPICAL SECTIONS

SHEET 2 OF 33 SHEETS
FILE NO: 1170

Appendix H

Pennsylvania Avenue Roadway Widening and Interchange Improvements Project DRAFT Hydrology and Hydraulics Report

Pennsylvania Avenue Roadway Widening And Interchange Improvements Project

DRAFT Hydrology and Hydraulics Report

Prepared for:

City of Beaumont
Public Works Department
550 East 6th Street
Beaumont, CA 92223

Prepared By:

Kimley-Horn and Associates, Inc.
765 The City Drive, Suite 200
Orange, CA 92868
February 2018

Pennsylvania Avenue Roadway Widening and Interchange Improvements Project

DRAFT DRAINAGE REPORT

FEBRUARY 2018

Prepared By:

Kimley-Horn and Associates, Inc.
765 The City Drive, Suite 200
Orange, CA 92868

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Purpose 1
Scope 2
Existing Conditions 2
Existing Drainage 2
Existing Drainage Facilities 2
Hydrology Analysis 3
Drainage Boundaries and Hydrologic Parameters 3
Design Criteria 4
Rainfall Intensity 4
Project Conditions 4
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Pavement Drainage 5
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Exhibit 2: Project Conditions Hydrology Map

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Appendix A: Existing Conditions Hydrology Analysis

Appendix B: Project Conditions Hydrology Analysis

Appendix C: Pavement Drainage Calculations

Appendix D: WSPG Results

This Drainage Study Report has been prepared by or under the direction of the following registered civil engineer. The undersigned civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions, and decisions are based.

Jimmy Medellin, P.E.

Date

INTRODUCTION

PURPOSE

The City of Beaumont proposes the Pennsylvania Avenue Improvements Project that will widen Pennsylvania Avenue from 1st Street to 6th Street. The widening will include new curb and gutter, raised median, cross culvert extensions, and improvements at the 6th Street intersection. Additionally, the project will include the redesign and construction of the existing Interstate 10 off-ramp. The project will expand the Pennsylvania Avenue interchange to include a new westbound on-ramp and eastbound off-ramp to complement the existing ramps and create a full interchange. Figure 1 shows the project limits for the project limits for the street improvements. The purpose of this report is to evaluate the adequacy of the existing drainage facilities and to establish that the proposed facilities within the Pennsylvania Avenue and the Interstate 10 interchange project meet the criteria set forth in the California Department of Transportation (Caltrans) *Highway Design Manual*, Sixth Edition (HDM).

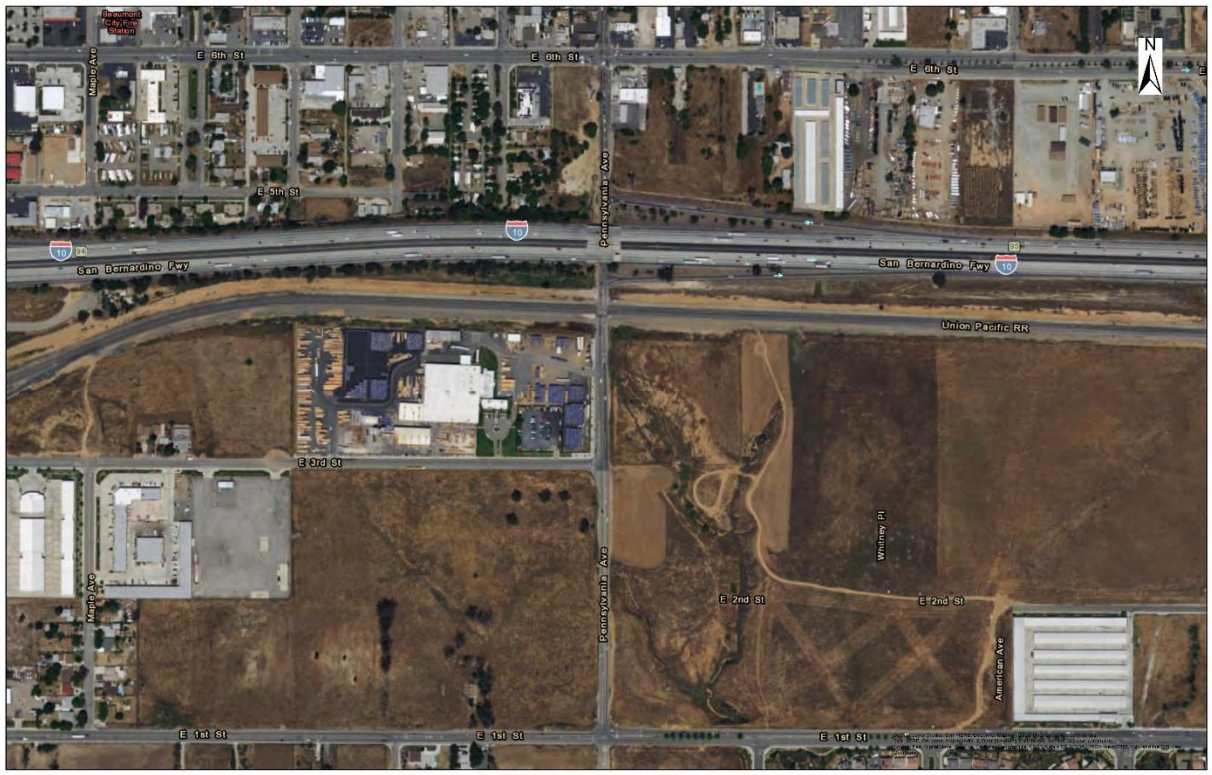


Figure 1: Pennsylvania Avenue Improvements Vicinity Map

SCOPE

The scope of this drainage report is to establish and define the drainage design policies and criteria as set forth in the HDM, and where applicable, the Federal Highway Administration *Urban Drainage Design Manual, Hydraulic Engineering Circular Number 22* (HEC-22). In addition, this report will provide an overview of the existing drainage facilities and proposed drainage improvements within the project area.

EXISTING CONDITIONS

EXISTING DRAINAGE

The project area is composed of moderately sloping valley terrain falling generally to the southwest. Per the effective Federal Emergency Management Agency (FEMA) Flood Insurance Study (FIS), the City of Beaumont has little history of flooding problems. This is due to its situation on the very crest of San Gorgonio Pass. Because it is on the crown of the alluvial fan which forms the divide, major flows generated in the mountains north and northeast of the city flow to the west and east of it, respectively (FEMA, 2017).

The only flood protection and control measure constructed by the Riverside County Flood Control and Water Conservation District (RCFC&WCD) in the City of Beaumont is the Cherry Avenue Channel. This channel, while it does not contain the 1-percent annual chance discharge, does keep the flooding down to shallow sheet flow, except in a low-lying residential area west of the channel, below 8th Street (FEMA, 2017).

The upper segment of Beaumont Channel from 13th Street to Michigan Avenue is a sheet flow area through a shallow natural swale. Significant ponding occurs along Beaumont Channel at Pennsylvania Avenue due to the high freeway embankment intersecting the channel. Beaumont Channel is located within the project area and is mapped as an Zone“AO” immediately upstream and downstream of I-10. Zone “AO” is defined as areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain), where average depths are between one and three feet. The FEMA Flood Insurance Rate Map (FIRM) shows ponding of three (3) feet (FEMA, 2017).

EXISTING DRAINAGE FACILITIES

There is an existing storm drain system along Pennsylvania Avenue that begins approximately five hundred (500) feet north of the Pennsylvania Avenue and 6th Street intersection and ends approximately one hundred (100) feet north of the existing Interstate 10 (I-10) off-ramp. The 42-inch reinforced concrete pipe (RCP) mainline continues east along 6th Street and ends approximately three hundred (300) feet east of Illinois Avenue. A temporary “bubbler” structure consisting of a 60-inch stand pipe was constructed at the downstream terminus of the existing storm drain west of Pennsylvania Avenue. Stormwater overflows out

of the 60-inch stand pipe, and travels southerly toward the I-10 embankment. Stormwater is conveyed through the embankment through 36-inch culverts.

An existing 18-inch corrugated metal pipe (CMP) is located along the east side of Pennsylvania Avenue. It collects stormwater water emanating from Caltrans right-of-way. An existing drainage ditch located north of I-10 collects drainage from the existing off-ramp and outlets to an existing headwall. The storm drain continues south and connects to an existing catch basin just south of the I-10 overpass. The storm drain terminates at headwall just south of the I-10 on-ramp.

Besides these two storm drain systems, there are 6 existing cross culverts. Four existing culverts cross underneath Pennsylvania Avenue. The other two culverts cross the Union Pacific rail east of Pennsylvania Avenue and south of I-10. The culverts underneath Pennsylvania Avenue will be extended; the culverts will not be upsized nor will an additional parallel culvert be furnished.

Table 1: Summary of Existing Pennsylvania Avenue Drainage Facilities

Approximate Location		Facility	Summary
Station	Location		
20+75	Centerline	18-inch RCP	Protect-in-Place
26+95	Centerline	36-inch CMP	Protect-in-Place
36+25	Centerline	18-inch RCP	Protect-in-Place
37+50	Right	24-inch RCP	Abandon
37+50	Right	42-inch RCP	Protect-in-Place
38+05	Centerline	18-inch RCP	Protect-in-Place
40+50	Right	18-inch CMP	Remove
43+00	Left	42-inch RCP	Protect-in-Place

HYDROLOGY ANALYSIS

DRAINAGE BOUNDARIES AND HYDROLOGIC PARAMETERS

The drainage boundaries and points of storm flow concentration were determined using onsite survey, RCFC&WCD digital topographic maps, and project aerial topography. The horizontal datum for the topographic data is North American Datum of 1983 (NAD83); the vertical datum is North American Vertical Datum of 1988 (NAVD88). The upstream drainage boundary was East 6th Street; the downstream boundary was East 1st Street.

.

The hydrologic soil type, precipitation, and land use chosen for the hydrologic analysis was obtained from the RCFC&WCD Hydrology Manual. The soil map on Plate C-1.19 within the Hydrology Manual shows hydrologic soil type B within the majority of the project area, with only small isolated areas of soil type D within Beaumont Channel. Group B type soils are classified as soils having moderate infiltration rates when thoroughly wetted. The standard intensity-duration curve for the City of Beaumont (Hydrology Manual Plate D-4.1) was used to complete the rational method analysis.

DESIGN CRITERIA

The drainage design criteria for Pennsylvania Avenue outside of Caltrans right-of-way was based on Section V (Drainage) from the County of Riverside Transportation Department Plan Check Policies & Guidelines. Per these guidelines, the 10-year frequency storm will be contained below the tops of curbs (or dikes), and the 100-year frequency storm will be contained within street right-of-way.

Hydrologic calculations for watersheds within the Caltrans right-of-way were computed in accordance with the parameters outlined in the HDM, Chapter 830. Specifically, the rational method was used exclusively to determine all design discharges within the Caltrans right-of-way. The runoff coefficient used for impervious materials such as concrete or asphalt is 1.00 and for pervious surfaces such as cut and fill slopes is 0.60.

According to Table 831.3 of the HDM, hydrologic calculations for roadway drainage are based upon a 25-year return frequency for areas within the freeway traveled way and 10-year return frequency for minor ramps and frontage roads. In instances where roadway depressions require pumping, a 50-year return frequency is used within the freeway traveled way and 25-year frequency within local streets and undercrossings. The improvement project does not include any depressions that require pumping; therefore the 25-year frequency event will be the design storm for facilities within Caltrans right-of-way.

RAINFALL INTENSITY

Intensity-duration data used for the 10-year and 100-year onsite hydrologic calculations for the project area was obtained from Plate D-4.1 within the RCFC&WCD Hydrology Manual. A 5-minute time of concentration was used for watersheds to determine rainfall intensity. The corresponding 25-year rainfall intensity value for the project is 3.7 inches/hour. The intensity value was determined using Plates D-4.5 and D-4.7 in the Hydrology Manual. Supporting hydrology references are included in Appendix A.

PROJECT CONDITIONS

The Pennsylvania Avenue improvements include widening to four (4) lanes between 1st Street and 6th Street, new curb and gutter, and new sidewalk to improve the arterial service level. A raised median will be constructed between street station 35+50 to 39+00, providing a divided roadway. A new 24-inch storm drain will be constructed within the northbound lane, and the terminus of the 42-inch mainline will be moved west

of the proposed widening. Cross culverts will be extended to accommodate the proposed widening. Appendix B contains the rational method output files for project conditions.

HYDRAULIC ANALYSIS

PAVEMENT DRAINAGE

Per the County of Riverside Transportation Department, arterial highways such as Pennsylvania Avenue must have the following design protection levels:

Storm Frequency	Maximum Allowable Flooding
10 year	Top of Curb
100 year	At or below Right-of-Way Line

Street capacity calculations were computed using Manning's equations using Bentley FlowMaster (V8i). Flooded width calculations were performed to confirm that the current design contains the 10-year flow below the top of curb and 100-year flow within the right of way, in this case the back of sidewalk. A Manning's roughness coefficient of 0.015 was used for the entire roadway section.

Catch basin capacity calculations were completed in accordance with HEC-22 Urban Drainage Design Manual (FHWA, 2009). This circular supersedes HEC-12 Drainage of Highway Pavements. HEC-12 and HEC-22 both use the same equations for calculating the catch basin length and efficiency. The circulars differ in methodology for calculating the capacity of a catch basin in a sump. HEC-12 calculates the capacity using the weir equation for depths below the top of curb, and the orifice equation for depths above the top of curb. HEC-22 methodology calculates the catch basin capacity using the weir equation up the curb opening height and as an orifice at depths greater than 1.4 times the opening height. At depths between 1 and 1.4 times the opening height, flow is in a transitional stage. Bentley FlowMaster (V8i) was used to complete the catch basin sizing calculations. The street capacity and catch basin sizing calculations are included in Appendix C.

STORM DRAIN HYDRAULICS

Hydraulic calculations will be performed using Civil Design Water Surface Pressure Gradient for Windows (WSPGW Version 14.06) to determine the hydraulic grade line for the proposed storm drain systems along Pennsylvania Avenue. Hydraulic models were created for the two mainlines (Storm Drain Line "A" and "B") that will be constructed within the north and south bound lanes. The project scope does not include design and construction of the RCFC&WCD master drainage plan improvements, which includes a new 69-inch RCP mainline within Pennsylvania Avenue.

PENNSYLVANIA AVENUE INTERCHANGE

The second phase of the project includes design of the Pennsylvania Avenue Interchange Improvements. The existing partial interchange has only a westbound off-ramp and an eastbound on-ramp. Pennsylvania Avenue's two lanes of traffic intersect with the Union Pacific Railroad at an at-grade intersection south of the I-10 freeway. Two existing grade separations within the vicinity of the project at Beaumont Avenue and Highland Springs Avenue experience a high volume of traffic due to regional commuters and shoppers. In order to avoid congestion at these locations, an increasingly high volume of vehicles are using Pennsylvania Avenue, creating a defined need and purpose for completing the interchange for full access.

The interchange improvements will include expanding to a full interchange, providing a new eastbound off-ramp and new loop ramp for the westbound on and off-ramps. This drainage report will be updated to include the drainage design in support of these improvements in the future.

REFERENCES

1. Riverside County Flood Control and Water Conservation District. Hydrology Manual, April 1978.
2. Riverside County Flood Control and Water Conservation District. Master Drainage Plan for the Beaumont Area, July 1983.
3. Caltrans. Highway Design Manual. March 2014.
4. FEMA. Flood Insurance Study (FIS), Riverside County, CA, and Incorporated Areas (Study Number 06065CV001C). April 2017.
5. FEMA. Flood Insurance Rate Map (FIRM 06065C0812G), Riverside County, CA, and Incorporated Areas, August 2008.

Exhibit 1: Pennsylvania Avenue Improvements
Existing Drainage Facilities

N

Existing 42" RCP Mainline

Existing Culvert

Existing Culverts

Existing Culvert

Existing Culvert

Existing Culvert

Existing Culvert

Existing Culvert

Beaumont Creek

E 6th St

E 5th St

E 3rd St

E 2nd St

E 1st St

Pennsylvania Ave

Maple Ave

Whitney Pl

American Ave

San Bernardino Fwy

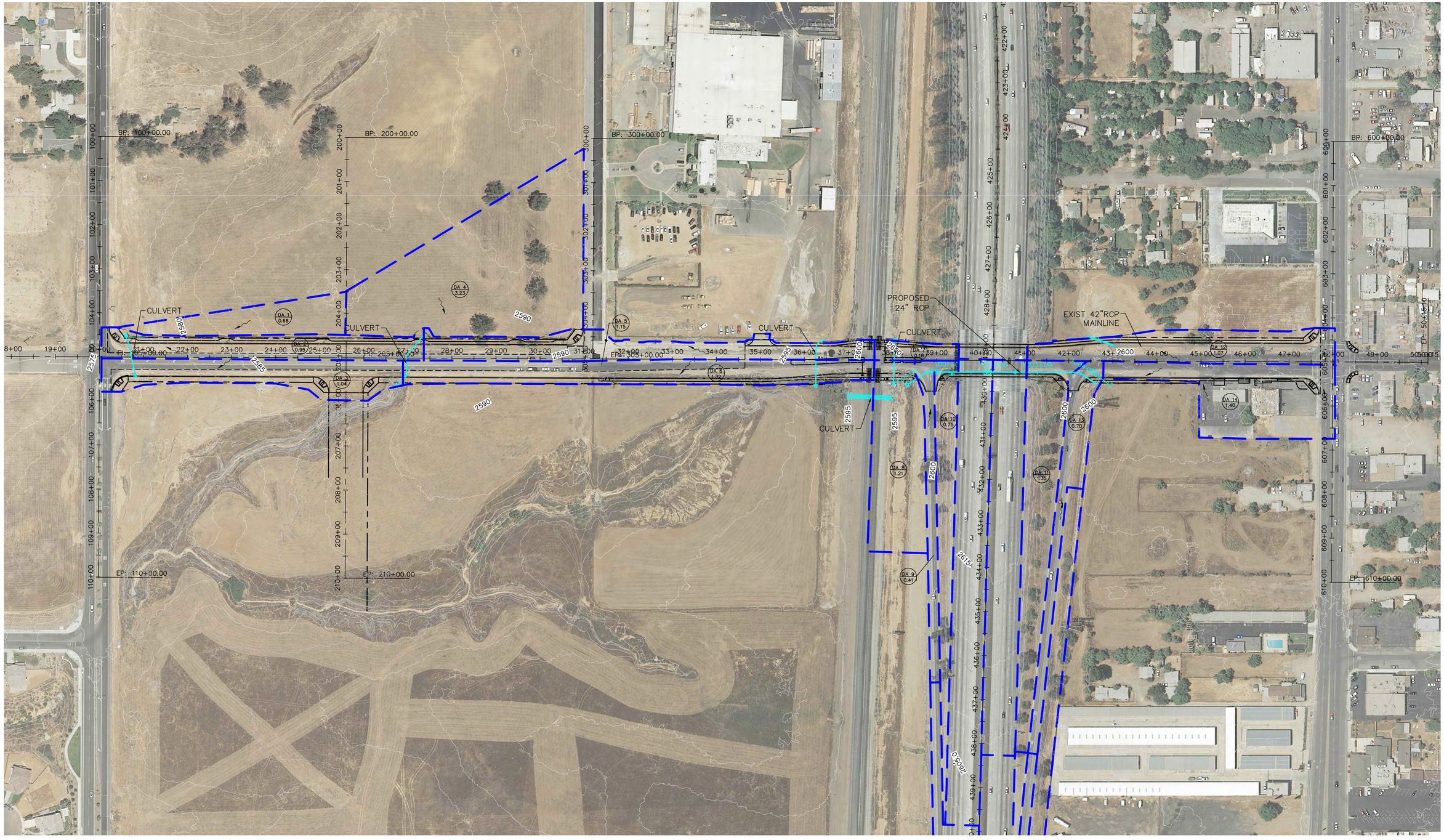
Union Pacific RR

Redwood St

0 150 300 600 Feet

Kimley»Horn

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community



LEGEND:

SUBAREA BOUNDARY

NORTH

GRAPHIC SCALE IN FEET
0 50 100 200

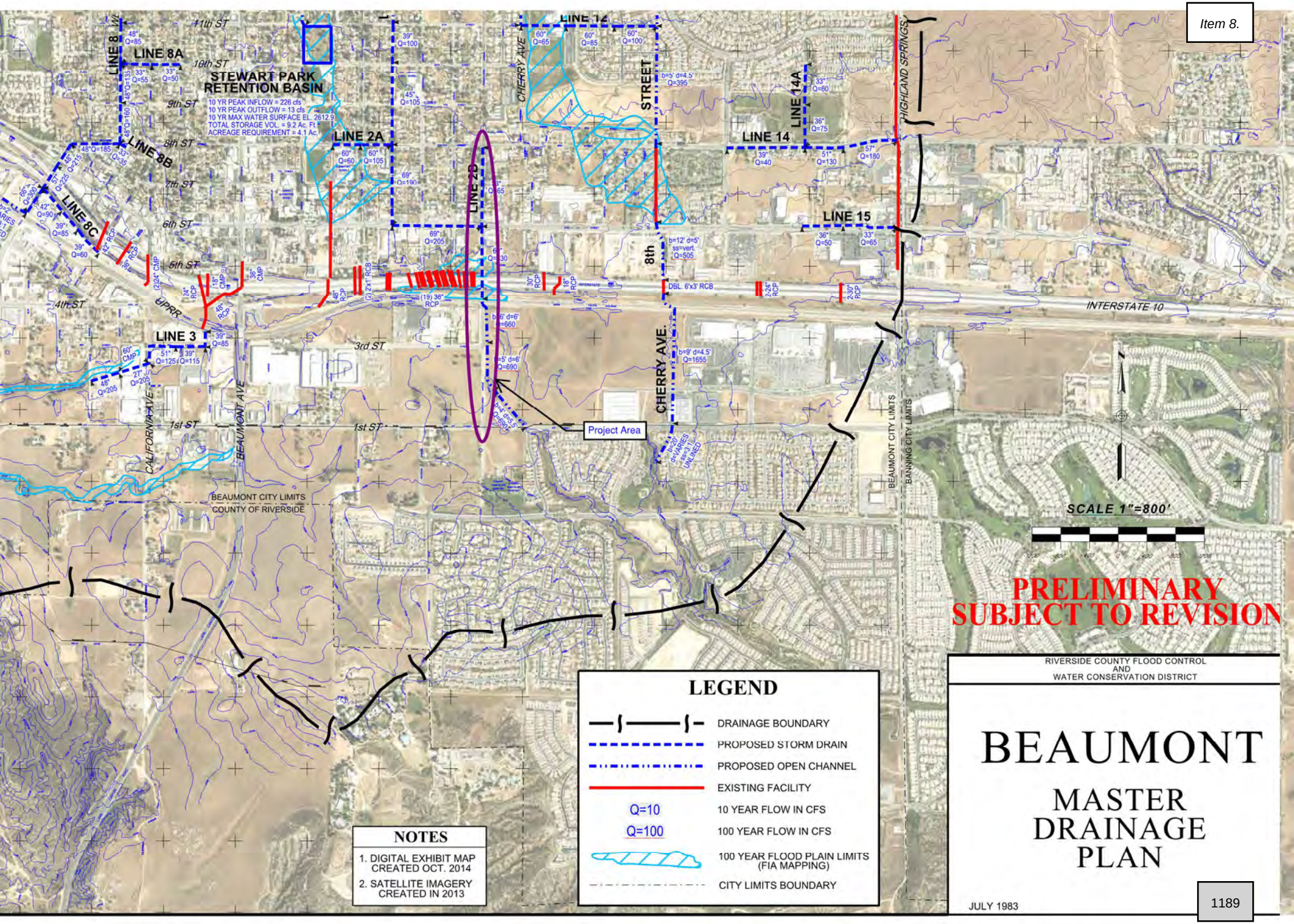
SCALE
1" = 100'
WHEN PRINTED AT FULL SIZE (24"X36")

PENNSYLVANIA AVENUE IMPROVEMENTS
EXHIBIT 2: PROJECT HYDROLOGY MAP

K:\OKA_RDWY\194078001 - I-10 Pennsylvania Interchange\Working\07 Exhibits\Drainage\Hydrology-Project-working.dwg

Kimley»Horn

APPENDIX A: EXISTING CONDITIONS HYDROLOGY ANALYSIS



LEGEND

- DRAINAGE BOUNDARY
- PROPOSED STORM DRAIN
- PROPOSED OPEN CHANNEL
- EXISTING FACILITY
- Q=10 — 10 YEAR FLOW IN CFS
- Q=100 — 100 YEAR FLOW IN CFS
- 100 YEAR FLOOD PLAIN LIMITS (FIA MAPPING)
- CITY LIMITS BOUNDARY

NOTES

1. DIGITAL EXHIBIT MAP CREATED OCT. 2014
2. SATELLITE IMAGERY CREATED IN 2013

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BEAUMONT

MASTER DRAINAGE PLAN

JULY 1983

BEAUMONT MASTER DRAINAGE PLAN

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

JULY 1983

1190

MOUNTAIN VIEW RETENTION BASIN
100 YR PEAK INFLOW = 1330 cfs
100 YR PEAK OUTFLOW = 270 cfs
100 YR MAX WATER SURFACE EL. 2914.8
TOTAL STORAGE VOL. = 55.4 Ac. Ft.
ACREAGE REQUIREMENT = 5.0 Ac.

LITTLE SAN GORGONIO CREEK DEBRIS BASIN
DEBRIS STORAGE VOL.= 206 Ac. Ft.
ACREAGE REQUIREMENT = 23.9 Ac.
RCFC OWNED ACREAGE = 19.3 Ac.

WINESAP RETENTION BASIN
100 YR PEAK INFLOW = 1300 cfs
100 YR PEAK OUTFLOW = 255 cfs
100 YR MAX WATER SURFACE EL. 2673.9
TOTAL STORAGE VOL. =93.7 Ac. Ft.
ACREAGE REQUIREMENT = 9.25 Ac.

STEWART PARK RETENTION BASIN
10 YR PEAK INFLOW = 226 cfs
10 YR PEAK OUTFLOW = 13 cfs
10 YR MAX WATER SURFACE EL. 2612.9
TOTAL STORAGE VOL. = 9.2 Ac. Ft.
ACREAGE REQUIREMENT = 4.1 Ac.

NOTES
1. DIGITAL EXHIBIT MAP CREATED OCT. 2014
2. SATELLITE IMAGERY CREATED IN 2013

LEGEND
- DRAINAGE BOUNDARY
- PROPOSED STORM DRAIN
- PROPOSED OPEN CHANNEL
- EXISTING FACILITY
- Q=10 — 10 YEAR FLOW IN CFS
- Q=100 — 100 YEAR FLOW IN CFS
- 100 YEAR FLOOD PLAIN LIMITS (FIA MAPPING)
- CITY LIMITS BOUNDARY

SCALE 1"=800'

PRELIMINARY SUBJECT TO REVISION

drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 11. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242**, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from U.S. Geological Survey Digital Orthophoto Quadrangles produced at a scale of 1:12,000 from photography dated 1994 or later.

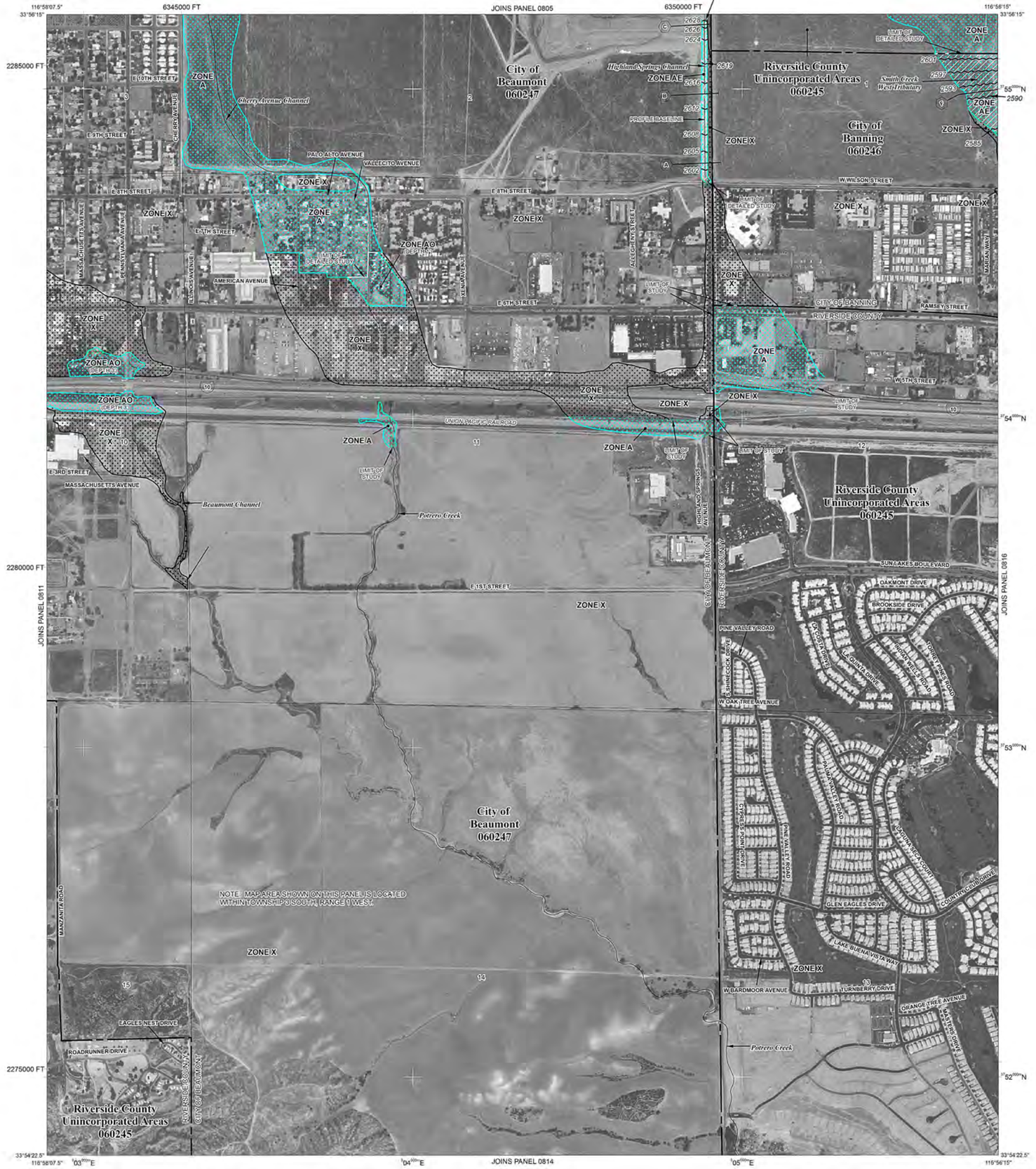
This map may reflect more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://msc.fema.gov.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov.



The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of p… Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

	1% annual chance floodplain boundary
	0.2% annual chance floodplain boundary
	Floodway boundary
	Zone D boundary
	CBRS and OPA boundary
	Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
513	Base Flood Elevation line and value; elevation in feet*
(EL. 987)	Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

A A	Cross section line
23 23	Transect line
87°07'45", 32°22'30"	Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
4276 000mN	1000-meter Universal Transverse Mercator grid values, zone 11N
600000 FT	5000-foot grid ticks: California State Plane coordinate system, zone VI (FIPSZONE 0406), Lambert Conformal Conic projection
DX5510 ×	Bench mark (see explanation in Notes to Users section of this FIRM panel)
M1.5	River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
August 28, 2008

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 500 1000 FEET
150 0 150 300 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0812G

FIRM

FLOOD INSURANCE RATE MAP

RIVERSIDE COUNTY, CALIFORNIA AND INCORPORATED AREAS

PANEL 812 OF 3805

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

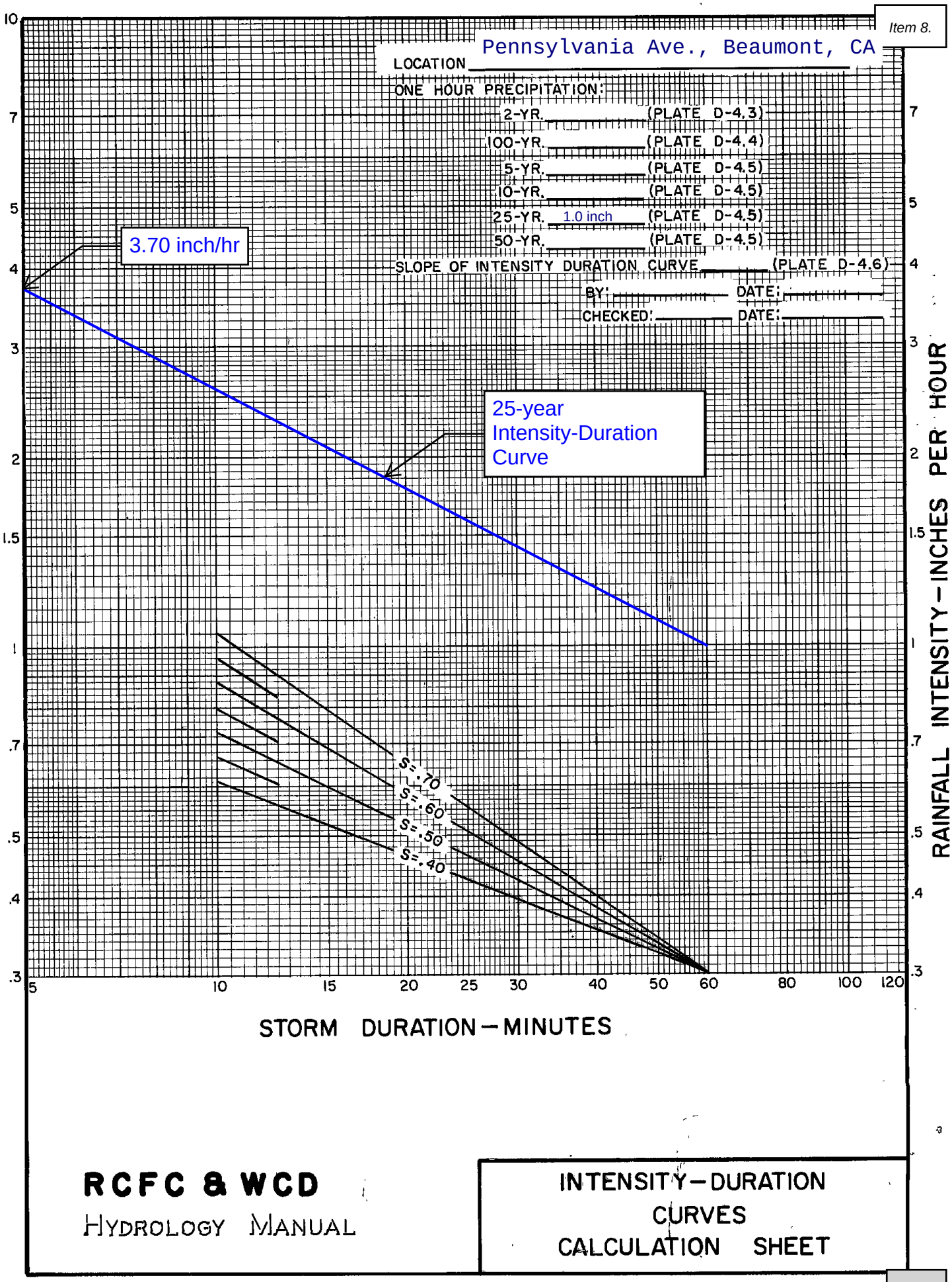
COMMUNITY	NUMBER	PANEL	SUFFIX
BANNING, CITY OF	060246	0812	G
BEAUMONT, CITY OF	060247	0812	G
RIVERSIDE COUNTY	060245	0812	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06065C0812G

EFFECTIVE DATE

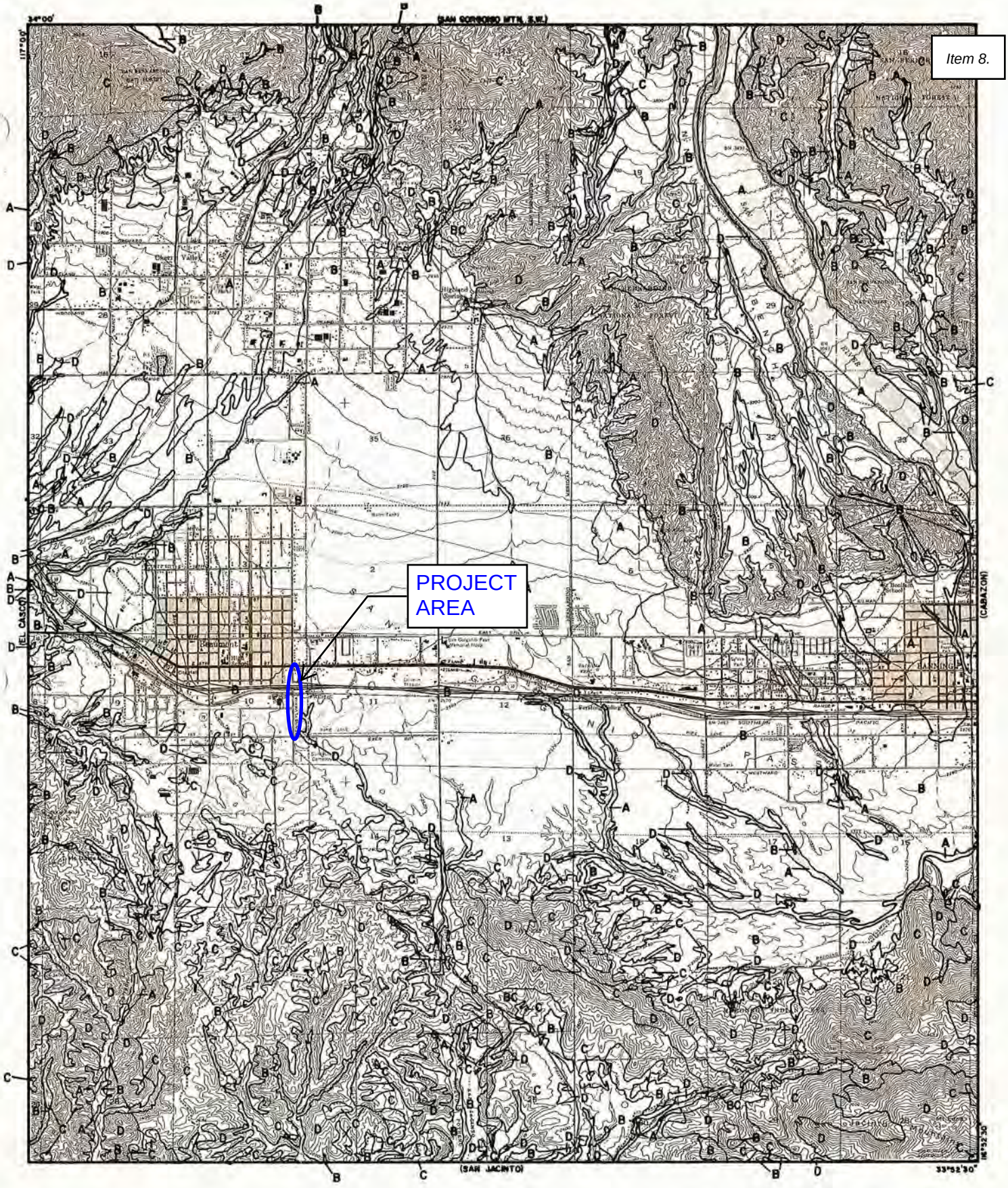
Item 8.



RCFC & WCD
HYDROLOGY MANUAL

INTENSITY — DURATION CURVES CALCULATION SHEET

PLATE D-4.7



LEGEND

SOILS GROUP BOUNDARY

A SOILS GROUP DESIGNATION

RCFC&WCD

HYDROLOGY MANUAL

N

0 FEET 5000

HYDROLOGIC SOILS GROUP MAP FOR BEAUMONT

PLATE C-1.19

RCFC & WCD

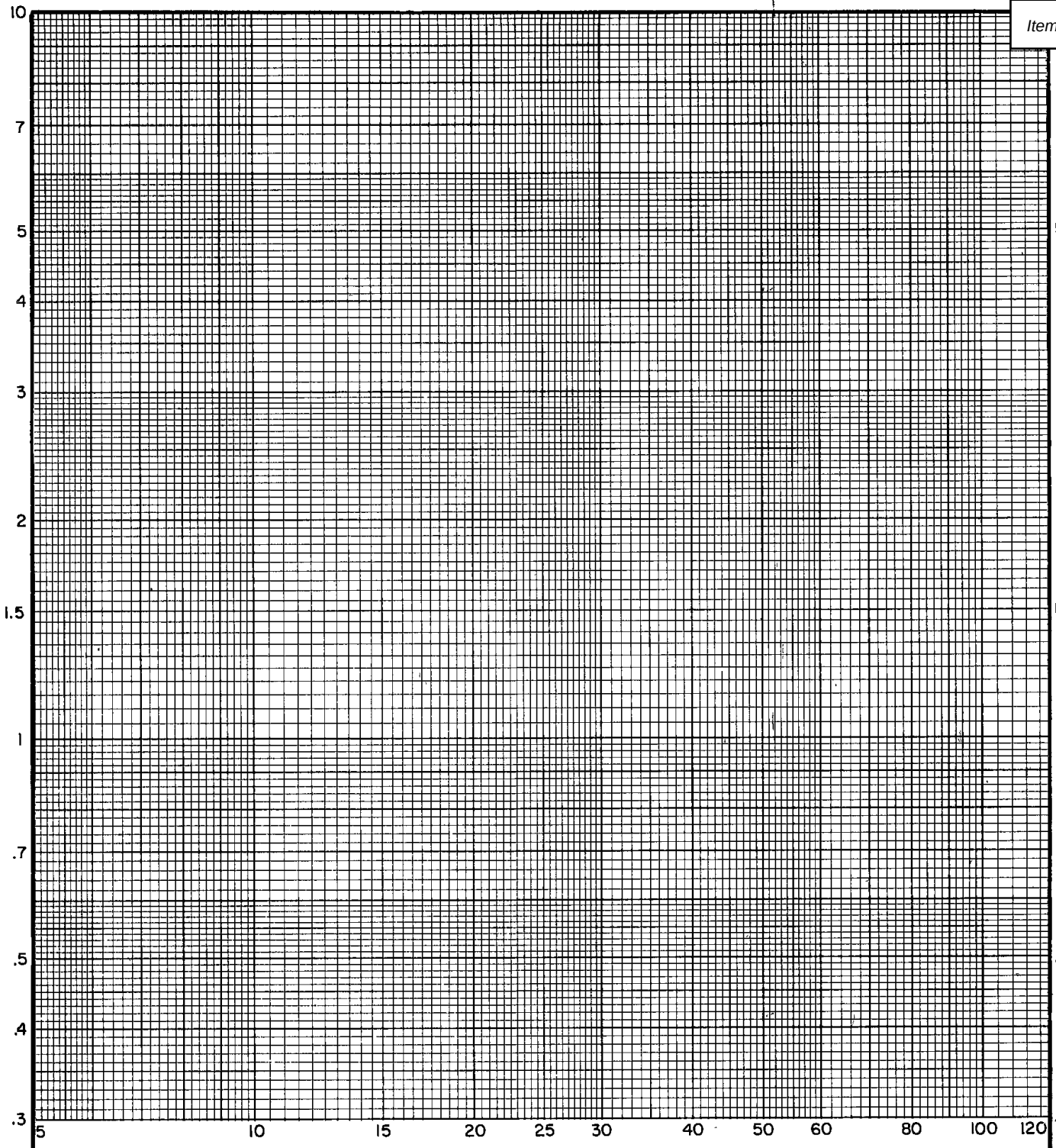
HYDROLOGY MANUAL

RAINFALL INTENSITY–INCHES PER HOUR

ANZA			BANNING			BEAUMONT			CALIMESA			CANYON LAKE		
DURATION MINUTES	FREQUENCY 10 YEAR	100 YEAR	DURATION MINUTES	FREQUENCY 10 YEAR	100 YEAR	DURATION MINUTES	FREQUENCY 10 YEAR	100 YEAR	DURATION MINUTES	FREQUENCY 10 YEAR	100 YEAR	DURATION MINUTES	FREQUENCY 10 YEAR	100 YEAR
5	4.23	6.85	5	3.32	4.93	5	3.32	4.93	5	3.57	5.30	5	3.07	4.61
6	3.80	6.16	6	3.02	4.47	6	3.02	4.47	6	3.23	4.79	6	2.81	4.23
7	3.48	5.63	7	2.78	4.12	7	2.78	4.12	7	2.97	4.40	7	2.61	3.93
8	3.22	5.21	8	2.59	3.84	8	2.59	3.84	8	2.76	4.09	8	2.45	3.68
9	3.01	4.87	9	2.43	3.61	9	2.43	3.61	9	2.58	3.83	9	2.31	3.48
10	2.83	4.58	10	2.30	3.41	10	2.30	3.41	10	2.44	3.62	10	2.20	3.31
11	2.67	4.33	11	2.19	3.24	11	2.19	3.24	11	2.31	3.43	11	2.10	3.16
12	2.54	4.12	12	2.09	3.10	12	2.09	3.10	12	2.21	3.27	12	2.01	3.03
13	2.43	3.93	13	2.00	2.97	13	2.00	2.97	13	2.11	3.13	13	1.94	2.92
14	2.33	3.77	14	1.92	2.85	14	1.92	2.85	14	2.03	3.01	14	1.87	2.82
15	2.23	3.62	15	1.86	2.75	15	1.86	2.75	15	1.95	2.89	15	1.81	2.72
16	2.15	3.49	16	1.79	2.66	16	1.79	2.66	16	1.88	2.79	16	1.75	2.64
17	2.08	3.37	17	1.74	2.58	17	1.74	2.58	17	1.82	2.70	17	1.70	2.56
18	2.01	3.26	18	1.68	2.50	18	1.68	2.50	18	1.76	2.62	18	1.66	2.50
19	1.95	3.16	19	1.64	2.43	19	1.64	2.43	19	1.71	2.54	19	1.62	2.43
20	1.89	3.06	20	1.59	2.36	20	1.59	2.36	20	1.67	2.47	20	1.58	2.37
22	1.79	2.90	22	1.51	2.25	22	1.51	2.25	22	1.58	2.34	22	1.51	2.27
24	1.70	2.76	24	1.45	2.15	24	1.45	2.15	24	1.51	2.23	24	1.44	2.17
26	1.62	2.63	26	1.39	2.06	26	1.39	2.06	26	1.44	2.14	26	1.39	2.09
28	1.56	2.52	28	1.33	1.98	28	1.33	1.98	28	1.38	2.05	28	1.34	2.02
30	1.49	2.42	30	1.29	1.91	30	1.29	1.91	30	1.33	1.98	30	1.30	1.95
32	1.44	2.33	32	1.24	1.84	32	1.24	1.84	32	1.29	1.91	32	1.26	1.89
34	1.39	2.25	34	1.20	1.78	34	1.20	1.78	34	1.24	1.85	34	1.22	1.84
36	1.34	2.18	36	1.17	1.73	36	1.17	1.73	36	1.21	1.79	36	1.19	1.79
38	1.30	2.11	38	1.13	1.68	38	1.13	1.68	38	1.17	1.74	38	1.16	1.74
40	1.27	2.05	40	1.10	1.64	40	1.10	1.64	40	1.14	1.69	40	1.13	1.70
45	1.18	1.91	45	1.04	1.54	45	1.04	1.54	45	1.07	1.58	45	1.07	1.61
50	1.11	1.80	50	.98	1.45	50	.98	1.45	50	1.01	1.49	50	1.02	1.53
55	1.05	1.70	55	.93	1.38	55	.93	1.38	55	.95	1.42	55	.97	1.46
60	1.00	1.62	60	.89	1.32	60	.89	1.32	60	.91	1.35	60	.93	1.40
65	.95	1.55	65	.85	1.27	65	.85	1.27	65	.87	1.29	65	.89	1.35
70	.91	1.48	70	.82	1.22	70	.82	1.22	70	.84	1.24	70	.86	1.30
75	.88	1.42	75	.79	1.17	75	.79	1.17	75	.80	1.19	75	.84	1.26
80	.85	1.37	80	.76	1.13	80	.76	1.13	80	.78	1.15	80	.81	1.22
85	.82	1.32	85	.74	1.10	85	.74	1.10	85	.75	1.11	85	.79	1.18
SLOPE = .580			SLOPE = .530			SLOPE = .530			SLOPE = .550			SLOPE = .480		

STANDARD INTENSITY–DURATION CURVES DATA

PLATE D-4.1 (1 of 6)

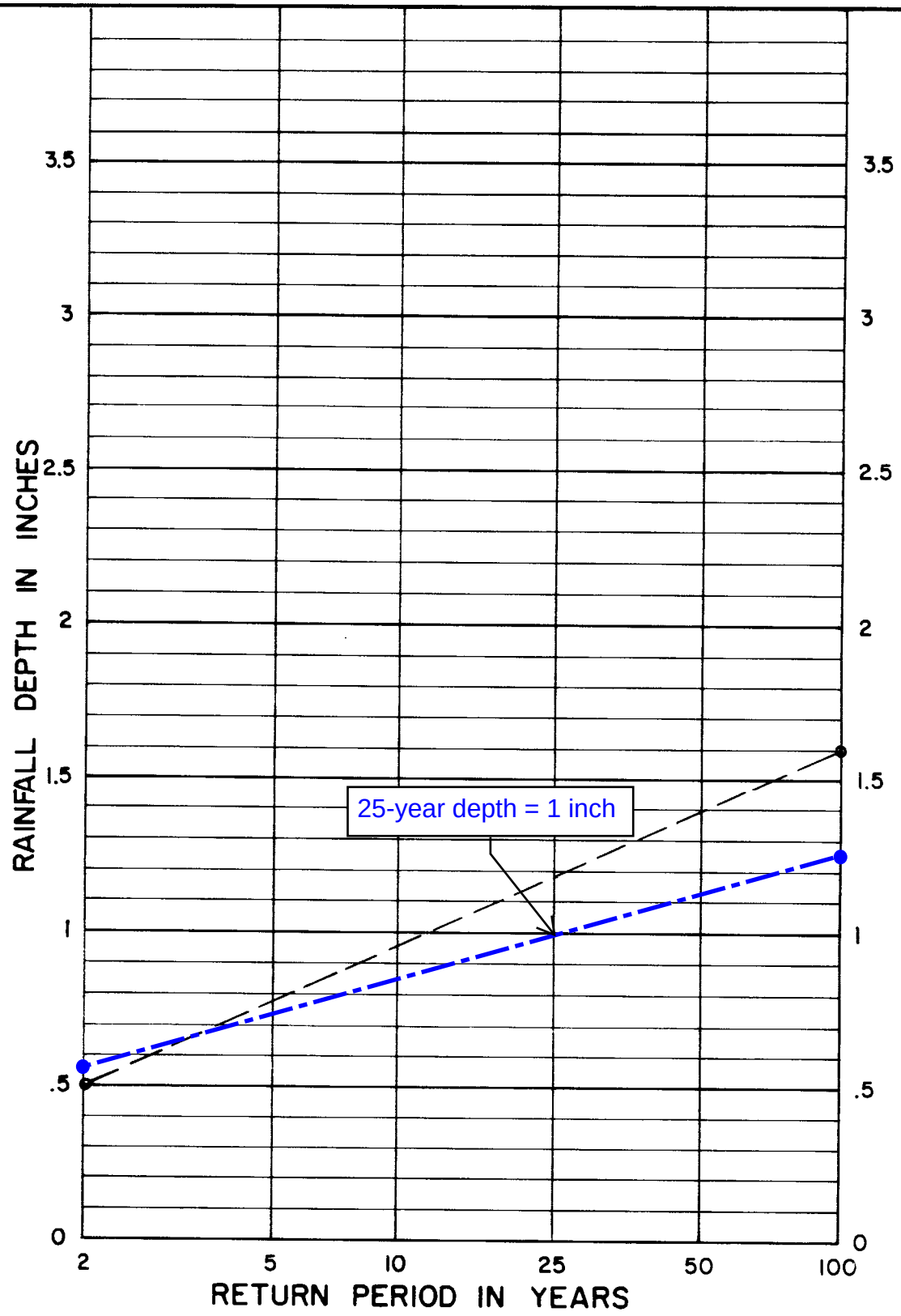


RCFC & WCD

HYDROLOGY MANUAL

INTENSITY-DURATION CURVES

PLATE D-4.



NOTE:

1. For intermediate return periods plot 2-year and 100-year one hour values from maps, then connect points and read value for desired return period. For example given 2-year one hour = .50" and 100-year one hour = 1.60", 25-year one hour = 1.18"

Reference: NOAA Atlas 2, Volume XI-California, 1973.

RCFC & WCD

HYDROLOGY MANUAL

RAINFALL DEPTH VERSUS RETURN PERIOD FOR PARTIAL DURATION SERIES

PLATE D-4.

APPENDIX B: PROJECT CONDITIONS HYDROLOGY ANALYSIS

Pennsylvania Avenue Improvements (Beaumont, CA)
Hydrology Calculations - Project Conditions
Based on Riverside County Flood Control and Water Conservation District Hydrology Manual

Rational Method Calculation				
10-year Storm				
Subarea ID	Total Area (ac)	C	I (in/hr)	Q (cfs)
#1	0.68	0.60	3.32	1.35
#2	0.95	0.95	3.32	3.00
#3	1.04	0.95	3.32	3.28
#4	3.23	0.60	3.32	6.43
#5	1.15	1.00	3.32	3.82
#6	1.32	1.00	3.32	4.38
#7	0.18	1.00	3.32	0.60
#8	1.21	0.60	3.32	2.41
#9	0.41	1.00	3.32	1.36
#10	0.75	0.70	3.32	1.74
#11	1.35	0.70	3.32	3.14
#12	1.07	0.95	3.32	3.37
#13	0.70	0.95	3.32	2.21
#14	1.40	1.00	3.32	4.65

Note: Minimum Tc of 5 minutes used for design purposes

Pennsylvania Avenue Improvements (Beaumont, CA)
Hydrology Calculations - Project Conditions
Based on Riverside County Flood Control and Water Conservation District Hydrology Manual

Rational Method Calculation				
25-year Storm				
Subarea ID	Total Area (ac)	C	I (in/hr)	Q (cfs)
#1	0.68	0.60	3.70	1.51
#2	0.95	0.95	3.70	3.34
#3	1.04	0.95	3.70	3.66
#4	3.23	0.60	3.70	7.17
#5	1.15	1.00	3.70	4.26
#6	1.32	1.00	3.70	4.88
#7	0.18	1.00	3.70	0.67
#8	1.21	0.60	3.70	2.69
#9	0.41	1.00	3.70	1.52
#10	0.75	0.70	3.70	1.94
#11	1.35	0.70	3.70	3.50
#12	1.07	0.95	3.70	3.76
#13	0.70	0.95	3.70	2.46
#14	1.40	1.00	3.70	5.18

Note: Minimum Tc of 5 minutes used for design purposes

Pennsylvania Avenue Improvements (Beaumont, CA)
Hydrology Calculations - Project Conditions
Based on Riverside County Flood Control and Water Conservation District Hydrology Manual

Rational Method Calculation				
100-year Storm				
Subarea ID	Total Area (ac)	C	I (in/hr)	Q (cfs)
#1	0.68	0.60	4.93	2.01
#2	0.95	0.95	4.93	4.45
#3	1.04	0.95	4.93	4.87
#4	3.23	0.60	4.93	9.55
#5	1.15	1.00	4.93	5.67
#6	1.32	1.00	4.93	6.51
#7	0.18	1.00	4.93	0.89
#8	1.21	0.60	4.93	3.58
#9	0.41	1.00	4.93	2.02
#10	0.75	0.70	4.93	2.59
#11	1.35	0.70	4.93	4.66
#12	1.07	0.95	4.93	5.01
#13	0.70	0.95	4.93	3.28
#14	1.40	1.00	4.93	6.90

Note: Minimum Tc of 5 minutes used for design purposes

APPENDIX C: PAVEMENT DRAINAGE CALCULATIONS

Gutter - Pennsylvania Ave, Rt (East) Report

Label	Channel Slope (ft/ft)	Discharge (ft^3/s)	Gutter Width (ft)	Gutter Cross Slope (ft/ft)	Road Cross Slope (ft/ft)	Spread (ft)	Manning Coefficient	Flow Area (ft^2)	Depth (ft)	Velocity (ft/s)
Gutter - 47+42 to 47+00	0.01900	4.65	2.00	0.083	0.020	10.08	0.015	1.14	0.33	4.07
Gutter - 47+00 to 46+50	0.01900	4.65	2.00	0.083	0.022	9.51	0.015	1.12	0.33	4.16
Gutter - 46+50 to 46+00	0.01700	4.65	2.00	0.083	0.020	10.33	0.015	1.19	0.33	3.89
Gutter - 46+00 to 45+50	0.01600	4.65	2.00	0.083	0.020	10.48	0.015	1.22	0.34	3.80
Gutter - 45+50 to 45+00	0.01200	4.65	2.00	0.083	0.023	10.26	0.015	1.33	0.36	3.49
Gutter - 45+00 to 44+50	0.00800	4.65	2.00	0.083	0.023	11.20	0.015	1.56	0.38	2.97
Gutter - 44+50 to 44+00	0.01000	4.65	2.00	0.083	0.022	10.97	0.015	1.45	0.36	3.22
Gutter - 44+00 to 43+50	0.00800	4.65	2.00	0.083	0.023	11.20	0.015	1.56	0.38	2.97
Gutter - 43+50 to 43+00	0.00800	4.65	2.00	0.083	0.024	10.92	0.015	1.55	0.38	3.00
Gutter - 43+00 to 42+50	0.00400	4.65	2.00	0.083	0.019	14.59	0.015	2.15	0.41	2.16
Gutter - 42+50 to 42+00	0.01100	4.65	2.00	0.083	0.004	31.25	0.015	2.11	0.28	2.20
Gutter - 42+00 to 41+50	0.00800	4.65	2.00	0.083	0.003	40.19	0.015	2.58	0.28	1.80
Gutter - 41+50 to 41+00	0.00900	3.14	2.00	0.083	0.010	15.33	0.015	1.32	0.30	2.38
Gutter - 41+00 to 40+50	0.06000	3.14	2.00	0.083	0.003	19.98	0.015	0.76	0.22	4.14
Gutter - 40+50 to 40+00	0.00500	3.14	2.00	0.083	0.003	37.53	0.015	2.27	0.27	1.38
Gutter - 40+00 to 39+50	0.00300	3.14	2.00	0.083	0.008	22.54	0.015	2.18	0.33	1.44
Gutter - 39+50 to 39+00	0.00100	3.14	2.00	0.083	0.010	24.65	0.015	3.18	0.39	0.99
Gutter - 37+37 to 37+00	0.04800	4.38	2.00	0.083	0.013	10.16	0.015	0.81	0.27	5.40
Gutter - 37+00 to 36+50	0.02900	4.38	2.00	0.083	0.040	5.95	0.015	0.79	0.32	5.51
Gutter - 36+50 to 36+00	0.02300	4.38	2.00	0.083	0.036	6.65	0.015	0.89	0.33	4.93
Gutter - 36+00 to 35+50	0.02200	4.38	2.00	0.083	0.020	9.47	0.015	1.02	0.32	4.28
Gutter - 35+50 to 35+00	0.02000	4.38	2.00	0.083	0.010	14.86	0.015	1.25	0.29	3.50
Gutter - 35+00 to 34+50	0.01500	4.38	2.00	0.083	0.007	19.90	0.015	1.54	0.29	2.85
Gutter - 34+50 to 34+00	0.01500	4.38	2.00	0.083	0.015	12.34	0.015	1.28	0.32	3.43
Gutter - 34+00 to 33+50	0.01100	4.38	2.00	0.083	0.014	13.82	0.015	1.47	0.33	2.97
Gutter - 33+50 to 33+00	0.00700	4.38	2.00	0.083	0.010	18.84	0.015	1.92	0.33	2.28
Gutter - 33+00 to 32+50	0.00300	4.38	2.00	0.083	0.020	14.63	0.015	2.27	0.42	1.93
Gutter - 32+50 to 32+00	0.00600	4.38	2.00	0.083	0.014	15.78	0.015	1.88	0.36	2.33
Gutter - 32+00 to 31+50	0.00300	4.38	2.00	0.083	0.019	15.10	0.015	2.30	0.41	1.91

Gutter - Pennsylvania Ave, Rt (East) Report

Label	Channel Slope (ft/ft)	Discharge (ft^3/s)	Gutter Width (ft)	Gutter Cross Slope (ft/ft)	Road Cross Slope (ft/ft)	Spread (ft)	Manning Coefficient	Flow Area (ft^2)	Depth (ft)	Velocity (ft/s)
Gutter - 31+50 to 31+00	0.00700	4.38	2.00	0.083	0.018	13.06	0.015	1.67	0.37	2.63
Gutter - 31+00 to 30+50	0.00600	4.38	2.00	0.083	0.016	14.52	0.015	1.82	0.37	2.41
Gutter - 30+50 to 30+00	0.00600	4.38	2.00	0.083	0.015	15.11	0.015	1.85	0.36	2.37
Gutter - 30+00 to 29+50	0.00600	4.38	2.00	0.083	0.011	18.34	0.015	1.99	0.35	2.20
Gutter - 29+50 to 29+00	0.00600	4.38	2.00	0.083	0.012	17.37	0.015	1.95	0.35	2.24
Gutter - 29+00 to 28+50	0.00700	4.38	2.00	0.083	0.012	16.80	0.015	1.84	0.34	2.39
Gutter - 28+50 to 28+00	0.00400	4.38	2.00	0.083	0.011	20.00	0.015	2.34	0.36	1.87
Gutter - 28+00 to 27+50	0.00500	4.38	2.00	0.083	0.010	20.25	0.015	2.20	0.35	1.99
Gutter - 27+50 to 27+00	0.00400	4.38	2.00	0.083	0.015	16.47	0.015	2.17	0.38	2.02
Gutter - 27+00 to 26+50	0.00600	3.28	2.00	0.083	0.013	14.56	0.015	1.52	0.33	2.16
Gutter - 26+50 to 26+00	0.00400	3.28	2.00	0.083	0.013	15.92	0.015	1.79	0.35	1.84
Gutter - 26+00 to 25+50	0.00400	3.28	2.00	0.083	0.014	15.20	0.015	1.76	0.35	1.87
Gutter - 25+50 to 25+00	0.00600	3.28	2.00	0.083	0.015	13.32	0.015	1.47	0.34	2.24
Gutter - 25+00 to 24+50	0.01100	3.28	2.00	0.083	0.014	12.11	0.015	1.16	0.31	2.82
Gutter - 24+50 to 24+00	0.01400	3.28	2.00	0.083	0.013	11.97	0.015	1.07	0.30	3.06
Gutter - 24+00 to 23+50	0.02500	3.28	2.00	0.083	0.016	9.13	0.015	0.80	0.28	4.10
Gutter - 23+50 to 23+00	0.03200	3.28	2.00	0.083	0.021	7.28	0.015	0.68	0.28	4.82
Gutter - 23+00 to 22+50	0.03600	3.28	2.00	0.083	0.014	8.99	0.015	0.70	0.26	4.66
Gutter - 22+50 to 22+00	0.03800	3.28	2.00	0.083	0.009	11.63	0.015	0.76	0.25	4.33
Gutter - 22+00 to 21+50	0.03600	3.28	2.00	0.083	0.023	6.70	0.015	0.64	0.27	5.16
Gutter - 21+50 to 21+00	0.03000	3.28	2.00	0.083	0.010	11.62	0.015	0.82	0.26	4.00
Gutter - 21+00 to 20+50	0.01300	3.28	2.00	0.083	0.004	25.64	0.015	1.47	0.26	2.23
Gutter - 20+50 to 20+00	0.00600	3.28	2.00	0.083	0.010	17.16	0.015	1.62	0.32	2.03

Gutter - Pennsylvania Ave, Lt (West) Report

Label	Channel Slope (ft/ft)	Discharge (ft^3/s)	Gutter Width (ft)	Gutter Cross Slope (ft/ft)	Road Cross Slope (ft/ft)	Spread (ft)	Manning Coefficient	Flow Area (ft^2)	Depth (ft)	Gutter Depression (ft)	Velocity (ft/s)
Gutter - 47+45 to 47+00	0.01900	3.37	2.00	0.083	0.020	8.66	0.015	0.88	0.30	0.13	3.85
Gutter - 47+00 to 46+50	0.01900	3.37	2.00	0.083	0.017	9.55	0.015	0.91	0.29	0.13	3.71
Gutter - 46+50 to 46+00	0.01700	3.37	2.00	0.083	0.015	10.59	0.015	0.98	0.29	0.14	3.45
Gutter - 46+00 to 45+50	0.01600	3.37	2.00	0.083	0.010	13.83	0.015	1.10	0.28	0.15	3.06
Gutter - 45+50 to 45+00	0.01200	3.37	2.00	0.083	0.014	12.01	0.015	1.15	0.31	0.14	2.93
Gutter - 45+00 to 44+50	0.00800	3.37	2.00	0.083	0.015	12.64	0.015	1.33	0.33	0.14	2.53
Gutter - 44+50 to 44+00	0.01000	3.37	2.00	0.083	0.010	15.46	0.015	1.34	0.30	0.15	2.51
Gutter - 44+00 to 43+50	0.00800	3.37	2.00	0.083	0.010	16.28	0.015	1.47	0.31	0.15	2.29
Gutter - 43+50 to 43+00	0.00800	3.37	2.00	0.083	0.015	12.64	0.015	1.33	0.33	0.14	2.53
Gutter - 43+00 to 42+50	0.00400	3.37	2.00	0.083	0.017	13.63	0.015	1.71	0.36	0.13	1.97
Gutter - 42+50 to 42+00	0.01000	3.37	2.00	0.083	0.006	21.35	0.015	1.52	0.28	0.15	2.22
Gutter - 42+00 to 41+50	0.00800	3.37	2.00	0.083	0.003	34.89	0.015	1.99	0.26	0.16	1.70
Gutter - 41+50 to 41+00	0.00900	3.37	2.00	0.083	0.007	19.84	0.015	1.53	0.29	0.15	2.20
Gutter - 41+00 to 40+50	0.00600	3.37	2.00	0.083	0.003	37.20	0.015	2.24	0.27	0.16	1.51
Gutter - 40+50 to 40+00	0.00500	3.37	2.00	0.080	0.006	25.04	0.015	2.03	0.30	0.15	1.66
Gutter - 40+00 to 39+50	0.00300	3.37	2.00	0.080	0.004	36.09	0.015	2.76	0.30	0.15	1.22
Gutter - 39+50 to 39+00	0.00100	3.97	2.00	0.080	0.017	19.49	0.015	3.35	0.46	0.13	1.18
Gutter - 39+00 to 38+50	0.00500	3.97	2.00	0.080	0.018	13.51	0.015	1.77	0.37	0.12	2.25
Gutter - 37+50 to 37+00	0.04100	3.82	2.00	0.080	0.020	7.68	0.015	0.71	0.27	0.12	5.38
Gutter - 37+00 to 36+50	0.02900	0.00	2.00	0.080	0.019	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 36+50 to 36+00	0.02300	0.00	2.00	0.080	0.012	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 36+00 to 35+50	0.02200	3.82	2.00	0.083	0.013	11.55	0.015	1.01	0.29	0.14	3.79
Gutter - 35+50 to 35+00	0.02000	3.82	2.00	0.083	0.017	10.02	0.015	0.99	0.30	0.13	3.87
Gutter - 35+00 to 34+50	0.01500	3.82	2.00	0.083	0.022	9.18	0.015	1.05	0.32	0.12	3.64
Gutter - 34+50 to 34+00	0.01500	3.82	2.00	0.083	0.026	8.31	0.015	1.01	0.33	0.11	3.78
Gutter - 34+00 to 33+50	0.01100	3.82	2.00	0.083	0.025	9.12	0.015	1.16	0.34	0.12	3.31
Gutter - 33+50 to 33+00	0.00700	3.82	2.00	0.083	0.020	11.53	0.015	1.46	0.36	0.13	2.62
Gutter - 33+00 to 32+50	0.00600	3.82	2.00	0.083	0.019	12.31	0.015	1.57	0.36	0.13	2.44
Gutter - 32+50 to 32+00	0.00600	3.82	2.00	0.083	0.019	12.31	0.015	1.57	0.36	0.13	2.44

Gutter - Pennsylvania Ave, Lt (West) Report

Label	Channel Slope (ft/ft)	Discharge (ft^3/s)	Gutter Width (ft)	Gutter Cross Slope (ft/ft)	Road Cross Slope (ft/ft)	Spread (ft)	Manning Coefficient	Flow Area (ft^2)	Depth (ft)	Gutter Depression (ft)	Velocity (ft/s)
Gutter - 32+00 to 31+50	0.00300	3.82	2.00	0.083	0.019	14.27	0.015	2.06	0.40	0.13	1.85
Gutter - 31+50 to 31+00	0.00700	3.82	2.00	0.083	0.018	12.31	0.015	1.49	0.35	0.13	2.56
Gutter - 31+00 to 30+50	0.00600	3.82	2.00	0.083	0.020	11.93	0.015	1.55	0.36	0.13	2.47
Gutter - 30+50 to 30+00	0.00600	3.82	2.00	0.083	0.022	11.25	0.015	1.51	0.37	0.12	2.52
Gutter - 30+00 to 29+50	0.00600	3.82	2.00	0.083	0.012	16.37	0.015	1.75	0.34	0.14	2.18
Gutter - 29+50 to 29+00	0.00600	3.82	2.00	0.083	0.009	19.61	0.015	1.88	0.32	0.15	2.03
Gutter - 29+00 to 28+50	0.00700	3.82	2.00	0.083	0.009	18.96	0.015	1.76	0.32	0.15	2.16
Gutter - 28+50 to 28+00	0.00400	3.82	2.00	0.083	0.014	16.23	0.015	1.98	0.37	0.14	1.93
Gutter - 28+00 to 27+50	0.00500	3.82	2.00	0.083	0.017	13.71	0.015	1.73	0.37	0.13	2.21
Gutter - 27+50 to 27+00	0.00500	0.00	2.00	0.083	0.017	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 27+00 to 26+50	0.00600	0.00	2.00	0.083	0.010	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 26+50 to 26+00	0.00400	0.00	2.00	0.083	0.013	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 26+00 to 25+50	0.00500	0.00	2.00	0.083	0.016	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 25+50 to 25+00	0.00600	0.00	2.00	0.083	0.004	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 25+00 to 24+50	0.01100	0.00	2.00	0.083	0.006	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 24+50 to 24+00	0.01400	0.00	2.00	0.083	0.008	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 24+00 to 23+50	0.02500	0.00	2.00	0.083	0.014	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 23+50 to 23+00	0.03200	0.00	2.00	0.083	0.016	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 23+00 to 22+50	0.03600	0.00	2.00	0.083	0.010	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 22+50 to 22+00	0.03800	0.00	2.00	0.083	0.019	0.00	0.015	0.00	0.00	0.00	0.00
Gutter - 22+00 to 21+50	0.03600	1.35	2.00	0.083	0.022	3.93	0.015	0.29	0.21	0.12	4.62
Gutter - 21+50 to 21+00	0.03000	1.35	2.00	0.083	0.026	3.90	0.015	0.31	0.22	0.11	4.32
Gutter - 21+00 to 20+50	0.01300	1.35	2.00	0.083	0.023	5.43	0.015	0.46	0.24	0.12	2.94
Gutter - 20+50 to 20+00	0.00600	1.35	2.00	0.083	0.013	9.44	0.015	0.72	0.26	0.14	1.88

Worksheet for Curb Inlet In Sag - STA 20+64

Project Description

Solve For	Spread

Input Data

Discharge		3.28	ft³/s
Gutter Width		2.00	ft
Gutter Cross Slope		0.080	ft/ft
Road Cross Slope		0.010	ft/ft
Curb Opening Length		7.00	ft
Opening Height		0.50	ft
Curb Throat Type	Horizontal		
Local Depression		2.00	in
Local Depression Width		2.00	ft
Throat Incline Angle		90.00	degrees

Results

Spread	26.26	ft
Depth	0.40	ft
Gutter Depression	0.14	ft
Total Depression	0.31	ft

Worksheet for Curb Inlet On Grade - STA 26+97

Project Description

Solve For	Efficiency

Input Data

Discharge	4.38	ft³/s
Slope	0.00400	ft/ft
Gutter Width	2.00	ft
Gutter Cross Slope	0.080	ft/ft
Road Cross Slope	0.015	ft/ft
Roughness Coefficient	0.015	
Curb Opening Length	14.00	ft
Local Depression	2.00	in
Local Depression Width	2.00	ft

Results

Efficiency	100.00	%
Intercepted Flow	4.38	ft³/s
Bypass Flow	0.00	ft³/s
Spread	16.52	ft
Depth	0.38	ft
Flow Area	2.18	ft²
Gutter Depression	0.13	ft
Total Depression	0.30	ft
Velocity	2.01	ft/s
Equivalent Cross Slope	0.07216	ft/ft
Length Factor	1.09	
Total Interception Length	12.81	ft

Worksheet for Curb Inlet In Sag - STA 39+31

Project Description

Solve For	Spread

Input Data

Discharge		4.88	ft³/s
Gutter Width		2.00	ft
Gutter Cross Slope		0.080	ft/ft
Road Cross Slope		0.010	ft/ft
Curb Opening Length		10.00	ft
Opening Height		0.50	ft
Curb Throat Type	Horizontal		
Local Depression		2.00	in
Local Depression Width		2.00	ft
Throat Incline Angle		90.00	degrees

Results

Spread	28.98	ft
Depth	0.43	ft
Gutter Depression	0.14	ft
Total Depression	0.31	ft

APPENDIX D: WSPG RESULTS

```
T1 Pennsylvania Avenue Improvements                                          0
T2  Storm Drain Line "A"
T3  25-year Storm Event (Proposed Conditions)
SO 100000.0002590.480  1                          2590.480
R  100043.6202590.700  1      .013                                  .000
R  100055.0002590.770  1      .013                                  .000
R  100103.2502590.930  1      .013                                  .000
JX 100104.7502590.940  1  2   .013    5.440         2591.180          .0         .000
R  100252.0002591.690  1      .013                                  .000
JX 100256.5002591.890  1      .013                                    .0         .00
R  100432.5002594.840  1      .013                                  .000
SH 100432.5002594.840  1                          142.900
CD   1  4   0    .000   2.000     .000  .000  .000  .000
CD   2  4   0    .000   1.500     .000  .000  .000  .000
Q             7.110   .0
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WATER SURFACE PROFILE LISTING Date: 3- 2-2018 Time: 3:57: 9

Pennsylvania Avenue Improvements
Storm Drain Line "A"
25-year Storm Event (Proposed Conditions)

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
100000.000	2590.480	1.274	2591.754	12.55	5.94	.55	2592.30	.00	1.27	1.92	2.000	.000	.00	0 .0
11.938	.0050					.0054	.06	1.27	1.00	1.33	.013	.00	.00	PIPE
100011.900	2590.540	1.328	2591.868	12.55	5.67	.50	2592.37	.00	1.27	1.89	2.000	.000	.00	0 .0
31.680	.0050					.0051	.16	1.33	.92	1.33	.013	.00	.00	PIPE
100043.600	2590.700	1.328	2592.028	12.55	5.67	.50	2592.53	.00	1.27	1.89	2.000	.000	.00	0 .0
3.266	.0062					.0054	.02	1.33	.92	1.24	.013	.00	.00	PIPE
100046.900	2590.720	1.274	2591.994	12.55	5.94	.55	2592.54	.00	1.27	1.92	2.000	.000	.00	0 .0
HYDRAULIC JUMP														
100046.900	2590.720	1.241	2591.961	12.55	6.13	.58	2592.54	.00	1.27	1.94	2.000	.000	.00	0 .0
.555	.0062					.0062	.00	1.24	1.05	1.24	.013	.00	.00	PIPE
100047.400	2590.723	1.241	2591.965	12.55	6.13	.58	2592.55	.00	1.27	1.94	2.000	.000	.00	0 .0
7.563	.0062					.0059	.04	1.24	1.05	1.24	.013	.00	.00	PIPE
100055.000	2590.770	1.274	2592.044	12.55	5.94	.55	2592.59	.00	1.27	1.92	2.000	.000	.00	0 .0
1.984	.0033					.0054	.01	1.27	1.00	1.58	.013	.00	.00	PIPE
100057.000	2590.777	1.328	2592.104	12.55	5.67	.50	2592.60	.00	1.27	1.89	2.000	.000	.00	0 .0
8.430	.0033					.0048	.04	1.33	.92	1.58	.013	.00	.00	PIPE
100065.400	2590.804	1.385	2592.190	12.55	5.40	.45	2592.64	.00	1.27	1.85	2.000	.000	.00	0 .0
22.125	.0033					.0043	.09	1.39	.85	1.58	.013	.00	.00	PIPE

Program Package Serial Number: 1911
WATER SURFACE PROFILE LISTING Date: 3- 2-2018 Time: 3:57: 9

Pennsylvania Avenue Improvements
Storm Drain Line "A"
25-year Storm Event (Proposed Conditions)

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
100087.500	2590.878	1.448	2592.325	12.55	5.15	.41	2592.74	.00	1.27	1.79	2.000	.000	.00	0 .0

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15.711	.0033					.0039	.06	1.45	.78	1.58	.013	.00	.00	PIPE		
100103.300	2590.930	1.472	2592.402	12.55	5.06	.40	2592.80	.00	1.27	1.76	2.000	.000	.00	0	.0	
JUNCT STR	.0067					.0024	.00	1.47	.75		.013	.00	.00	PIPE		
100104.800	2590.940	1.799	2592.739	7.11	2.39	.09	2592.83	.00	.95	1.20	2.000	.000	.00	0	.0	
22.789	.0051					.0009	.02	1.80	.27	.93	.013	.00	.00	PIPE		
100127.500	2591.056	1.694	2592.750	7.11	2.51	.10	2592.85	.00	.95	1.44	2.000	.000	.00	0	.0	
18.781	.0051					.0010	.02	1.69	.31	.93	.013	.00	.00	PIPE		
100146.300	2591.152	1.607	2592.759	7.11	2.63	.11	2592.87	.00	.95	1.59	2.000	.000	.00	0	.0	
16.414	.0051					.0011	.02	1.61	.35	.93	.013	.00	.00	PIPE		
100162.700	2591.235	1.531	2592.766	7.11	2.76	.12	2592.88	.00	.95	1.70	2.000	.000	.00	0	.0	
14.742	.0051					.0012	.02	1.53	.39	.93	.013	.00	.00	PIPE		
100177.500	2591.310	1.461	2592.772	7.11	2.89	.13	2592.90	.00	.95	1.77	2.000	.000	.00	0	.0	
13.430	.0051					.0013	.02	1.46	.43	.93	.013	.00	.00	PIPE		
100190.900	2591.379	1.398	2592.777	7.11	3.03	.14	2592.92	.00	.95	1.83	2.000	.000	.00	0	.0	
12.367	.0051					.0015	.02	1.40	.47	.93	.013	.00	.00	PIPE		
100203.300	2591.442	1.339	2592.781	7.11	3.18	.16	2592.94	.00	.95	1.88	2.000	.000	.00	0	.0	
11.477	.0051					.0017	.02	1.34	.51	.93	.013	.00	.00	PIPE		

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
100214.800	2591.500	1.285	2592.784	7.11	3.33	.17	2592.96	.00	.95	1.92	2.000	.000	.00	0	.0	
10.688	.0051					.0019	.02	1.28	.56	.93	.013	.00	.00	PIPE		
100225.400	2591.554	1.233	2592.788	7.11	3.50	.19	2592.98	.00	.95	1.94	2.000	.000	.00	0	.0	
4.547	.0051					.0021	.01	1.23	.60	.93	.013	.00	.00	PIPE		
100230.000	2591.578	1.185	2592.762	7.11	3.67	.21	2592.97	.00	.95	1.97	2.000	.000	.00	0	.0	
HYDRAULIC JUMP																
100230.000	2591.578	.704	2592.281	7.11	7.20	.81	2593.09	.00	.95	1.91	2.000	.000	.00	0	.0	
5.648	.0051					.0140	.08	.70	1.77	.93	.013	.00	.00	PIPE		
100235.600	2591.606	.704	2592.310	7.11	7.20	.80	2593.12	.00	.95	1.91	2.000	.000	.00	0	.0	

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5.711	.0051					.0150	.09	.70	1.76	.93	.013	.00	.00	PIPE	
100241.300	2591.635	.680	2592.315	7.11	7.55	.89	2593.20	.00	.95	1.89	2.000	.000	.00	0	.0
5.438	.0051					.0171	.09	.68	1.89	.93	.013	.00	.00	PIPE	
100246.800	2591.663	.657	2592.320	7.11	7.92	.97	2593.29	.00	.95	1.88	2.000	.000	.00	0	.0
5.219	.0051					.0195	.10	.66	2.02	.93	.013	.00	.00	PIPE	
100252.000	2591.690	.634	2592.324	7.11	8.31	1.07	2593.40	.00	.95	1.86	2.000	.000	.00	0	.0
JUNCT STR	.0444					.0188	.08	.63	2.16		.013	.00	.00	PIPE	
100256.500	2591.890	.671	2592.561	7.11	7.69	.92	2593.48	.00	.95	1.89	2.000	.000	.00	0	.0
63.719	.0168					.0168	1.07	.67	1.94	.67	.013	.00	.00	PIPE	

♀ FILE: penn-linea.WSW W S P G W - CIVILDESIGN Version 14.06 PAGE 4

Program Package Serial Number: 1911

WATER SURFACE PROFILE LISTING Date: 3- 2-2018 Time: 3:57: 9

Pennsylvania Avenue Improvements
Storm Drain Line "A"
25-year Storm Event (Proposed Conditions)

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT) / SF Ave	Water Elev / HF	Q (CFS) / SE Dpth	Vel (FPS) / Froude N	Vel Head / Norm Dp	Energy Grd.El. / "N"	Super Elev / X-Fall	Critical Depth / ZR	Flow Top Width / Type Ch	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
100320.200	2592.958	.671	2593.629	7.11	7.69	.92	2594.55	.00	.95	1.89	2.000	.000	.00	0 .0
57.719	.0168					.0161	.93	.67	1.94	.67	.013	.00	.00	PIPE
100377.900	2593.926	.685	2594.611	7.11	7.47	.87	2595.48	.00	.95	1.90	2.000	.000	.00	0 .0
24.273	.0168					.0145	.35	.69	1.86	.67	.013	.00	.00	PIPE
100402.200	2594.333	.710	2595.042	7.11	7.12	.79	2595.83	.00	.95	1.91	2.000	.000	.00	0 .0
11.461	.0168					.0127	.15	.71	1.74	.67	.013	.00	.00	PIPE
100413.700	2594.525	.735	2595.260	7.11	6.79	.72	2595.98	.00	.95	1.93	2.000	.000	.00	0 .0
6.906	.0168					.0112	.08	.74	1.62	.67	.013	.00	.00	PIPE
100420.600	2594.640	.761	2595.402	7.11	6.47	.65	2596.05	.00	.95	1.94	2.000	.000	.00	0 .0
4.547	.0168					.0098	.04	.76	1.52	.67	.013	.00	.00	PIPE
100425.100	2594.717	.789	2595.505	7.11	6.17	.59	2596.10	.00	.95	1.95	2.000	.000	.00	0 .0
3.070	.0168					.0086	.03	.79	1.42	.67	.013	.00	.00	PIPE
100428.200	2594.768	.818	2595.586	7.11	5.89	.54	2596.12	.00	.95	1.97	2.000	.000	.00	0 .0
2.063	.0168					.0075	.02	.82	1.32	.67	.013	.00	.00	PIPE
100430.300	2594.802	.848	2595.650	7.11	5.61	.49	2596.14	.00	.95	1.98	2.000	.000	.00	0 .0
1.305	.0168					.0066	.01	.85	1.24	.67	.013	.00	.00	PIPE

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100431.600  2594.824     .879  2595.703      7.11    5.35     .44  2596.15     .00     .95     1.99    2.000     .000   .00   0   .0
        -|-       -|-      -|-       -|-       -|-     -|-     -|-       -|-     -|-      -|-      -|-     -|-     -|-     |-
      .711    .0168                                        .0058      .00      .88    1.15     .67    .013       .00   .00  PIPE
♀ FILE: penn-linea.WSW                        W S P G W - CIVILDESIGN Version 14.06                                        PAGE    5
                                 Program Package Serial Number: 1911
                                                WATER SURFACE PROFILE LISTING                    Date: 3- 2-2018  Time: 3:57: 9
                           Pennsylvania Avenue Improvements
                              Storm Drain Line "A"
                                25-year Storm Event (Proposed Conditions)
 ************************************************************************************************************************ ********
          | Invert  |  Depth |  Water  |    Q    |  Vel     Vel  |  Energy | Super |Critical|Flow Top|Height/|Base Wt|      |No Wth
  Station |  Elev   |  (FT)  |  Elev   |  (CFS)  | (FPS)    Head |  Grd.El.|  Elev | Depth  | Width  |Dia.-FT|or I.D.|  ZL  |Prs/Pip
        -|-       -|-      -|-       -|-       -|-     -|-     -|-       -|-     -|-      -|-      -|-     -|-     -|-    -|
  L/Elem  |Ch Slope |        |         |         |         SF Ave|    HF   |SE Dpth|Froude N|Norm Dp |  "N"  | X-Fall|  ZR  |Type Ch
 *********|*********|********|*********|*********|*******|*******|*********|*******|********|********|*******|*******|*****  |*******
          |         |        |         |         |               |         |       |        |        |       |       |      |
100432.300  2594.836     .911  2595.748      7.11    5.10     .40  2596.15     .00     .95     1.99    2.000     .000   .00   0   .0
        -|-       -|-      -|-       -|-       -|-     -|-     -|-       -|-     -|-      -|-      -|-     -|-     -|-     |-
      .227    .0168                                        .0051      .00      .91    1.07     .67    .013       .00   .00  PIPE
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Appendix I

Noise Study Report

Noise Study Report

Pennsylvania Avenue Widening Project

City of Beaumont

Prepared for:

City of Beaumont

Prepared by:

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1.0 INTRODUCTION

For CEQA purposes, the noise analysis centers around whether an increase in the future noise level would result in a significant effect. A comparison is made between existing noise levels to the predicted noise level with the project. Under CEQA, the assessment entails looking at the noise impact's existing setting and determining how large or perceptible any noise increase would be in the given area. Critical factors considered include the uniqueness of the setting, the noise receptors' sensitive nature, the magnitude of the noise increase, the number of residences affected, and the absolute noise level. As the project is located with the City of Beaumont, the CEQA analysis will also take into consideration the applicability of complying with the City of Beaumont Noise Ordinance, General Plan Noise Element, and other applicable city policies for protecting sensitive land use categories in the project area as well as complying with CEQA threshold requirements. Pursuant to Appendix G of the CEQA Guidelines, a noise analysis will be performed to determine whether the proposed project will result in:

- Substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance or other agencies' applicable standards?

- Excessive groundborne vibration or groundborne noise levels?

- Expose people residing or working in the project area to excessive noise levels for the project if it is located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport?

2.0 PROJECT DESCRIPTION

2.1 Project Location

The City of Beaumont is in the northeast part of Western Riverside County and is surrounded by Calimesa and Banning and unincorporated areas of Riverside County. Located at the junction points of the Interstate 10 (I-10) Freeway, the California State Route 60 (SR-60) Freeway, and the California State Route 79 (SR-79/Beaumont Avenue) Highway, the City of Beaumont is situated in a key regional location. From a land-use perspective, Beaumont is an undeveloped city within its jurisdictional limits and is currently one of the fastest economically growing towns in the State of California.

The City of Beaumont (Lead Agency) is proposing to widen Pennsylvania Avenue consistent with the General Plan Circulation Element in the central part of Beaumont's City along the I-10 corridor from its existing two-lane configuration to four lanes to accommodate projected growth and current congestion. The portion of Pennsylvania Avenue to be widened is a 2,700 foot-long segment (0.51 miles) between 6th Street on the north and 1st Street on the south (see Figure 2.1 - Project Location/Vicinity).

2.2 Project Setting

Within the limits of the project study area, Pennsylvania Avenue is designated as a Major Highway. In its present state, Pennsylvania Avenue is a north-south divided arterial road with one travel lane for each direction separated by a striped centerline division. Additionally, there is a 500-foot long, 12-foot wide painted median along the southerly section. This high-capacity road's existing traffic volumes range from 8,500 vehicles per day to the north of Interstate 10 (I-10) to approximately 11,100 vehicles per day to the south of Interstate 10 (I-10).

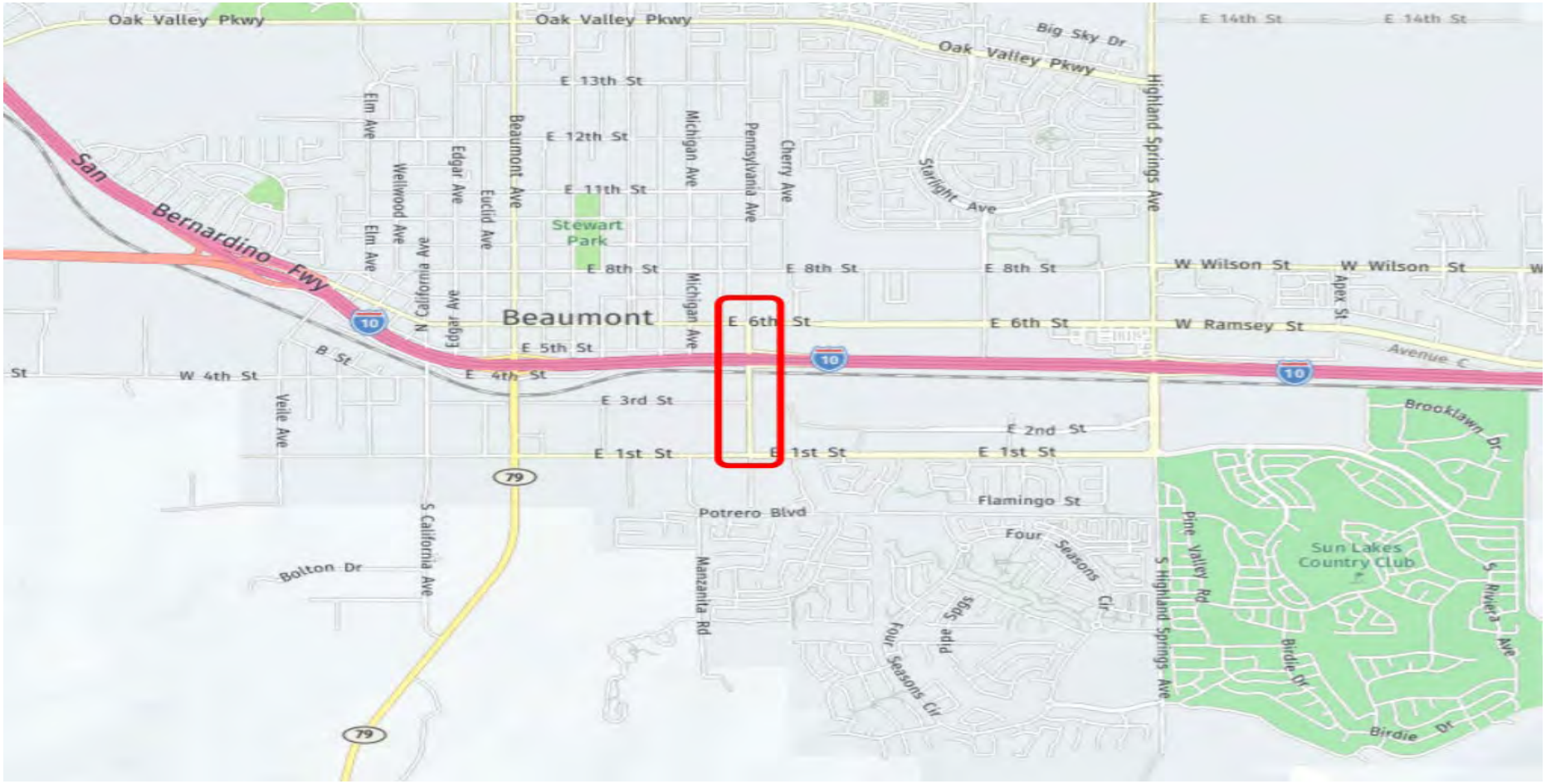


Figure 1. Regional Map

Figure 2. Project Vicinity Map

2.3 Proposed Project

The Pennsylvania Avenue Widening Project (Project) proposes to widen and add two additional lanes to Pennsylvania Avenue between 1st Street and 6th Street, a distance of approximately 2,800 feet, in the City of Beaumont. The proposed widening and associated improvements would be predominantly within existing right-of-way except for areas requiring easements for stormwater infrastructure improvements and temporary construction easements (TCEs) needed for property frontage improvements and minor utility relocations.

The additional lanes within these limits would result in a four-lane Major Highway per Beaumont General Plan Circulation Element. The widening would require improvements to the existing UPRR at-grade crossing and freeway ramp terminals at the I-10 Freeway within Caltrans right-of-way. Pedestrian access with a new sidewalk would be provided for the project's length on the west side, and impacted intersections would be brought up to current Americans with Disabilities Act (ADA) standards with new and/or updated curb ramps.

Work activities include excavation for underground electrical work, storm drain conduit/inlets, utility cover adjustments, relocation of existing power poles; grading and re-grading the existing slopes; roadway excavation of approximately 4,700 cubic yards; the application of approximately 4,750 tons of asphalt paving to new road bed; removal/restriping of lanes, and; removal/replacement and addition of roadway signage. Excavation would be within 4 feet of the existing surface grade with several deeper excavations (up to 20 feet below existing surface grade) for the power pole relocations. Staging of all equipment and materials would occur within the Project limits on the City’s right-of-way and within TCEs on adjacent properties. Project plans are provided in Figure 2.3 shows the site plan of the proposed project site, and the proposed improvements are shown in Figure 2.3.

Construction of the proposed project would occur in three phases. Storm drain and utility relocations would occur before any major roadway improvements to reduce traffic impacts. The first phase would involve constructing the outer improvements for the widening to the north and south of the UPRR tracks with an estimated duration of four months. The second phase would involve the closure of the at-grade crossing to construct the improvements within the UPRR right-of-way with an estimated duration of one month. The last phase would complete the remaining portion of construction within the center of the roadway north of the tracks and final paving with an estimated duration of three months.

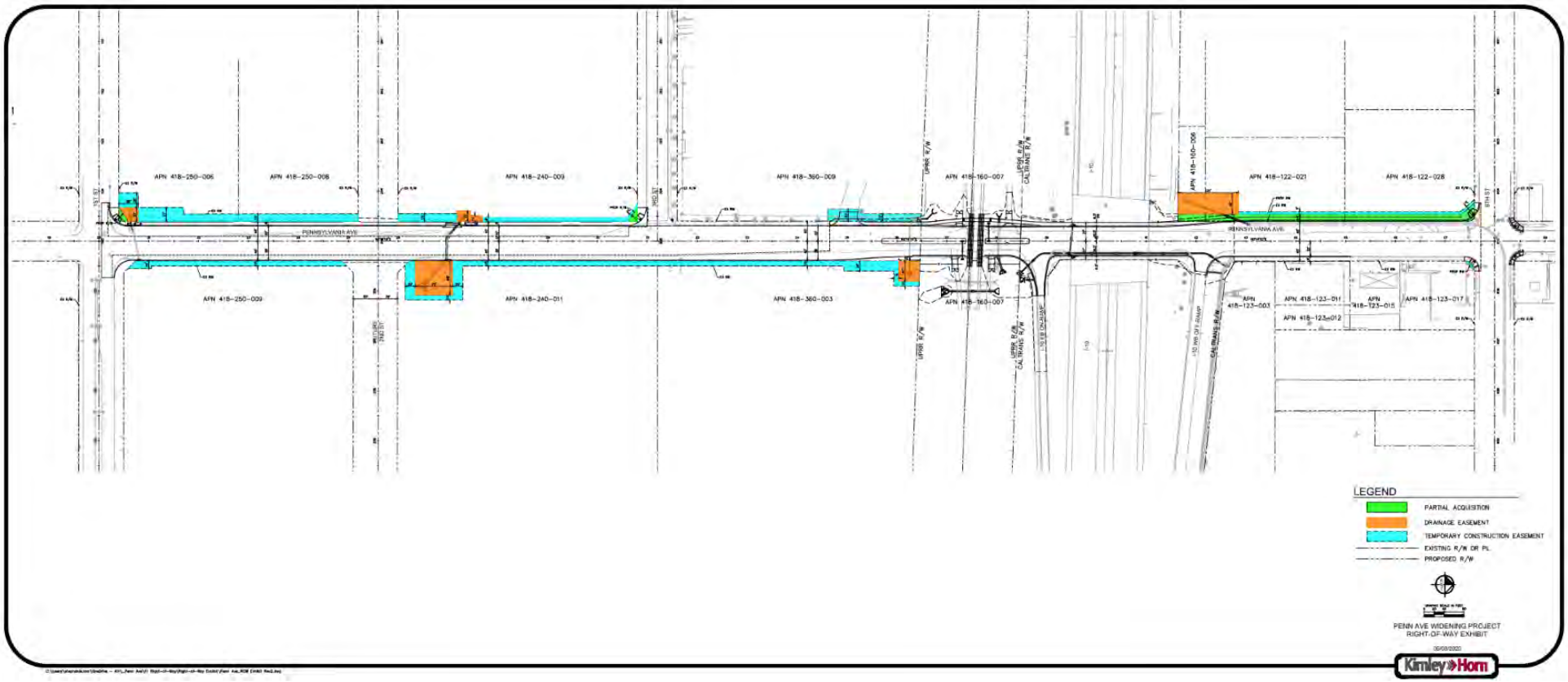


Figure 3. Site Plan

2.4 Construction and Phasing

Construction activities require standard construction equipment for concrete demolition, roadway excavation, paving, traffic signal installation, and storm drain modifications. Construction staging and parking would be accommodated within the project site and/or adjacent undeveloped properties. During construction, travel lanes in each direction along Ramona Boulevard would be operational. Travel lanes would be open in the southbound direction along Valley Boulevard. Access to businesses would be maintained throughout the construction period.

3.0 FUNDAMENTALS OF NOISE

Table 3-1 presents a glossary of general acoustical terminology used in this analysis.

TABLE 3-1. Definition of Acoustical Terms

Term	Definition
Noise	Whether something is perceived as a noise event is influenced by the type of sound, the perceived importance of the sound, and its appropriateness in the setting, the time of day and the type of activity during which the noise occurs, and the sensitivity of the listener.
Sound	For purposes of this analysis, sound is a physical phenomenon generated by vibrations that result in waves that travel through a medium, such as air, and result in auditory perception by the human brain.
Frequency	Sound frequency is measured in Hertz (Hz), which is a measure of how many times each second the crest of a sound pressure wave passes a fixed point. For example, when a drummer beats a drum, the skin of the drum vibrates several times per second. When the drum skin vibrates 100 times per second, it generates a sound pressure wave oscillating at 100 Hz, and this pressure oscillation is perceived by the ear/brain as a tonal pitch of 100 Hz. Sound frequencies between 20 and 20,000 Hz are within the range of sensitivity of the best human ear.
Amplitude or Level	It is measured in decibels (dB) using a logarithmic scale. A sound level of zero dB is approximately the threshold of human hearing and is barely audible under extremely quiet listening conditions. Normal speech has a sound level of approximately 60 dB. Sound levels above approximately 110 dB begin to be felt inside the human ear as discomfort and eventually pain at 120 dB and higher levels. The minimum change in the sound level of individual events that an average human ear can detect is about one to two dB. A three to five dB change is readily perceived. The average person usually perceives a change in the sound level of about 10 dB as a doubling (or decreasing by 10 dB, halving) of the sound's loudness.
Sound pressure	Sound level is usually expressed by reference to a known standard. This report refers to sound pressure level (SPL or Lp). In expressing sound pressure on a logarithmic scale, the sound pressure is compared to a reference value of 20 micropascals (µPa). Lp depends not only on the power of the source but also on the distance from the source and the acoustical characteristics of the space surrounding the source.
A-weighting	Sound from a tuning fork contains a single frequency (a pure tone), but most sounds one hears in the environment do not consist of a single frequency and instead are composed of a broadband of frequencies differing in sound level. The

	method commonly used to quantify environmental sounds consists of evaluating all frequencies of a sound according to a weighting system that reflects the typical frequency-dependent sensitivity of average healthy human hearing. This is called "A-weighting," and the decibel level measured is referred to as dBA. In practice, the level of a noise source is conveniently measured using a sound level meter that includes a filter corresponding to the dBA "curve" of decibel adjustment per octave band center frequency (OBCF) from a "flat" or unweighted SPL.
Equivalent sound level	Although sound level value may adequately indicate the level of environmental noise at any instant in time, community noise levels vary continuously. Most environmental noise includes a mixture of noise from distant sources that creates a relatively steady background noise in which no particular source is identifiable. A single descriptor, L_{eq}, may be used to describe sound that is changing in level. L_{eq} is the energy-average dBA during a measured time interval. It is the "equivalent" constant sound level that would have to be produced by a given source to equal the acoustic energy contained in the fluctuating sound level measured.
L_{max} and L_{min}	Additionally, it is often desirable to know the range of amplitudes for the noise source(s) under study. This is typically accomplished by reporting the L_{max} and L_{min} indicators that represent the root mean square (RMS) maximum and minimum noise levels during a given monitoring interval. The L_{min} value obtained for a particular monitoring location is often called the "noise floor."
Statistical sound values	The statistical noise descriptors L10, L50, and L90, are commonly used to describe environmental noise's time-varying character. These noise levels exceeded during 10, 50, and 90 percent of a stated time interval. Sound levels associated with L10 typically describe transient or short-term events, while levels associated with L90 describe the "steady-state" (or most prevalent) background noise conditions.
Day-night sound level	Average sound exposure over 24 hours is often presented as a day-night average, or time-weighted, sound level (L_{dn}). L_{dn} values are calculated from hourly L_{eq} values, with the L_{eq} values for the nighttime period (10 p.m. to 7 a.m.) increased by 10 dB to reflect the greater disturbance potential from nighttime sounds.

In addition, sound is characterized by both its amplitude and frequency (or pitch). The human ear does not hear all frequencies equally. In particular, the ear deemphasizes low and very high frequencies. To approximate the sensitivity of human hearing, the A-weighted decibel scale (dBA) is used. On this scale, the human range of hearing extends from approximately 3- dBA to around 140 dBA. **Table 3-2** includes examples of A-weighted noise levels from common indoor and outdoor activities.

Table 3-2. Typical A-Weighted Noise Levels

Common Outdoor Noise	Noise Level (dBA)	Common Indoor Noise
	— 110 —	Rock band (noise to some, music to others)
Jet fly-over at 1000 feet		
	— 100 —	
Gas lawn mower at 3 feet		
	— 90 —	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	— 80 —	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower, 100 feet	— 70 —	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	— 60 —	
		Large business office
Quiet urban daytime	— 50 —	Dishwasher in neighboring room
Quiet urban nighttime	— 40 —	Theater, large conference room (background)
Quiet suburban nighttime		
	— 30 —	Library
Quiet rural nighttime		Bedroom at night
	— 20 —	
		Broadcast/recording studio
	— 10 —	
Lowest threshold of human hearing	— 0 —	Lowest threshold of human hearing
SOURCE: Caltrans, 1998.		

Using the decibel scale, sound levels from two or more sources cannot be directly added together to determine the overall sound level. Instead, the combination of two sounds at the same level yields an increase of 3 dBA. The smallest recognizable change in sound levels is approximately 1 dBA. A 3-dBA increase is generally considered perceptible, whereas a 5-dBA increase is readily perceptible. Most people judge a 10-dBA increase as an approximate doubling of the sound loudness.

Two of the primary factors that reduce levels of environmental sounds are increasing the distance between the sound source to the receiver and having intervening obstacles such as walls, buildings, or terrain features between the sound source and the receiver. Factors that increase the loudness of environmental sounds include moving the sound source closer to the receiver, sound enhancements caused by reflections, and focusing caused by various meteorological conditions.

3.1 Effects of Noise on People

Noise is generally loud, unpleasant, unexpected, or undesired sound typically associated with human activity that is a nuisance or disruptive. The effects of noise on people can be placed into four general categories:

- Subjective effects (e.g., dissatisfaction, annoyance)
- Interference effects (e.g., communication, sleep, and learning interference)
- Physiological effects (e.g., startle response)
- Physical effects (e.g., hearing loss)

Although exposure to high noise levels has been demonstrated to cause physical and physiological effects, the principal human responses to typical environmental noise exposure are related to subjective effects and interference with activities. Interference effects refer to interruption of daily activities and include interference with human communication activities, such as normal conversations, watching television, telephone conversations, and interference with sleep. Sleep interference effects can include both awakening and arousal to a lesser state of sleep. With regard to the subjective effects, the responses of individuals to similar noise events are diverse and are influenced by many factors, including the type of noise, the perceived importance of the noise, the appropriateness of the noise to the setting, the duration of the noise, the time of day and the type of activity during which the noise occurs, and individual noise sensitivity.

Overall, a wide variation of tolerance to noise exists, based on an individual's past experiences with noise. Thus, an important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted (i.e., comparison to the ambient noise environment). The more a new noise level exceeds the previously existing ambient noise level, the less acceptable the new noise level will be judged by those hearing it. With regard to increases in A-weighted noise level, the following relationships generally occur:

- Except in carefully controlled laboratory experiments, a change of 1 dBA cannot be perceived.
- A 3 dBA change in noise levels is considered a barely perceivable difference outside of the laboratory.
- A change in noise levels of 5 dBA is considered to be a readily perceivable difference.
- A change in noise levels of 10 dBA is subjectively heard as a doubling of the perceived loudness.

These relationships occur in part because of the logarithmic nature of sound and the decibel system. The human ear perceives sound in a non-linear fashion; hence the decibel scale was developed. Because the decibel scale is based on logarithms, two noise sources do not combine in a straightforward additive fashion but rather logarithmically. For example, if two identical noise sources produce noise levels of 50 dBA, the combined sound level would be 53 dBA, not 100 dBA.

3.2 Noise Attenuation

Stationary point sources of noise, including stationary, mobile sources such as idling vehicles, attenuate (lessen) at a rate between 6 dBA for hard sites and 7.5 dBA for soft sites for each doubling of distance from the reference measurement. Hard sites are those with a reflective surface between the source and the receiver, such as asphalt or concrete surfaces or smooth bodies of water. No excess ground attenuation is assumed for hard sites, and the changes in noise levels with distance (drop-off rate) are simply the geometric spreading of the noise from the source. Soft sites have an absorbent ground surface such as soft dirt, grass, or scattered bushes and trees. In addition to geometric spreading, an excess ground attenuation value of 1.5 dBA (per doubling distance) is normally assumed for soft sites. Line sources (such as traffic noise from vehicles) attenuate at a rate between 3-dBA for hard sites and 4.5 dBA for soft sites for each doubling of distance from the reference measurement (Caltrans 2013).

Physical barriers between the noise source and the receiving property are also useful in reducing noise levels. Effective noise barriers can lower noise levels by 10 to 15dBA, which would substantially cut the loudness of traffic noise. A noise barrier is more effective when placed closest to the noise source or receiver, depending upon site geometry. However, there is a limitation on the effectiveness of a noise barrier. Noise barriers must block the line of sight between the receiving property and the noise source. When this occurs, a noise barrier can achieve a 5-dBA noise level reduction. This may require the noise barrier to be sufficiently long and high enough to block the view of a road to reduce traffic noise.

3.3 Fundamentals of Vibration

Vibration is energy transmitted in waves through the ground or human-made structures. These energy waves generally dissipate with distance from the vibration source. Familiar sources of groundborne vibration are trains, buses on rough roads, and construction activities such as blasting, pile-driving, and operation of heavy earthmoving equipment. As described in the Federal Transit Administration's (FTA) Transit Noise and Vibration Impact Assessment (FTA 2006), ground-borne vibration can be a serious concern for nearby neighbors of a transit system route or maintenance facility, causing buildings to shake and rumbling sounds to be heard.

There are several different methods that are used to quantify vibration. The peak particle velocity (PPV) is defined as the maximum instantaneous peak of the vibration signal. The PPV is most frequently used to describe vibration impacts to buildings. The root mean square (RMS) amplitude is most commonly used to describe the effect of vibration on the human body. The RMS amplitude is defined as the average of the squared amplitude of the signal. Decibel notation (VdB) is commonly used to measure RMS. The relationship of PPV to RMS velocity is expressed in terms of the "crest factor," defined as the PPV amplitude ratio to the RMS amplitude. Peak particle velocity is typically a factor of 1.7 to 6 times greater than RMS vibration velocity (FTA 2006). The decibel notation acts to compress the range of numbers required to describe vibration. Typically, ground-borne vibration generated by human-made activities attenuates rapidly with distance from the source of the vibration. Sensitive receptors for vibration include structures (especially older masonry structures), people (especially residents, the elderly, and sick), and vibration-sensitive equipment.

The effects of ground-borne vibration include movement of the building floors, the rattling of windows, shaking of items on shelves or hanging on walls, and rumbling sounds. In extreme cases, the vibration can cause damage to buildings. Building damage is not a factor for most projects, with the occasional exception of blasting and pile-driving during construction. Annoyance from vibration often occurs when the vibration levels exceed the perception threshold by only a small margin. A vibration level that causes annoyance will be well below the damage threshold for normal buildings. The FTA measure of the threshold of architectural damage for conventional sensitive structures is 0.2 in/sec PPV (FTA 2006).

In residential areas, the background vibration velocity level is usually around 50 VdB (approximately 0.0013 in/sec PPV). This level is well below the vibration velocity level threshold of perception for humans, which is approximately 65 VdB. A vibration velocity level of 75 VdB is considered to be the approximate dividing line between barely perceptible and distinctly perceptible levels for many people (FTA 2006).

4.0 Regulatory Framework

The proposed project area's governing regulatory framework includes federal, state, and local agencies that enforce noise standards and specific regulations that govern project development, emitted pollutants, and ambient air quality status for the region.

4.1 Federal Regulations and Standards

There are no federal noise standards that directly regulate environmental noise related to the proposed project's construction or operation. With regard to noise exposure and workers, the Office of Safety and Health Administration (OSHA) regulations safeguard the hearing of workers exposed to occupational noise. Federal regulations also establish noise limits for medium and heavy trucks (more than 4.5 tons, gross vehicle weight rating) under 40 Code of Federal Regulations (CFR), Part 205, Subpart B. The federal truck pass-by noise standard is 80 dB at 15 meters from the vehicle pathway centerline. These controls are implemented through regulatory controls on truck manufacturers.

Federal Transit Authority Vibration Standards

The FTA has adopted vibration standards to evaluate potential building damage impacts related to construction activities. The vibration damage criteria adopted by the FTA are shown in **Table 4-1**.

Table 4-1. Construction Vibration Damage Criteria

Building Category	PPV (in/sec)
I. Reinforced-concrete, steel, or timber (no plaster)	0.5
II. Engineered concrete and masonry (no plaster)	0.3
III. Non-engineered timber and masonry buildings	0.2
IV. Buildings extremely susceptible to vibration damage	0.12
SOURCE: FTA, 2006.	

The FTA has also adopted the following standards for groundborne vibration impacts related to human annoyance: Vibration Category 1 – High Sensitivity, Vibration Category 2 – Residential, and Vibration Category 3 – Institutional. The FTA defines Category 1 as buildings where vibration would interfere with operations, such as vibration-sensitive research and manufacturing facilities, hospitals with vibration-sensitive equipment, and research operations. Category 2 refers to all residential land uses and buildings where people sleep, such as hotels and hospitals. Category 3 refers to institutional land uses such as schools, churches, other institutions, and quiet offices that do not have vibration-sensitive equipment but still have the potential for activity interference. The vibration thresholds associated with human annoyance for these three land-use categories are shown in **Table 4-2**. No thresholds have been adopted or recommended for commercial and office uses.

Table 4-2. Groundborne Vibration Impact Criteria for General Assessment

Land Use Category	Frequent Events [a]	Occasional Events [b]	Infrequent Events [c]
Category 1: Buildings where vibration would interfere with interior operations.	65 VdB[d]	65 VdB[d]	65 VdB[d]
Category 2: Residences and buildings where people normally sleep.	72 VdB	75 VdB	80 VdB
Category 3: Institutional land uses with primarily daytime use.	75 VdB	78 VdB	83 VdB

[a] Frequent Events" is defined as more than 70 vibration events of the same source per day.
[b] Occasional Events" is defined as between 30 and 70 vibration events of the same source per day.
[c] Infrequent Events" is defined as fewer than 30 vibration events of the same kind per day.
[d] This criterion is based on levels that are acceptable for most moderately sensitive equipment such as optical microscopes.
SOURCE: FTA, 2006

4.2. State Standards

Senate Bill 860

In the State of California, State Senate Bill 860, which became effective January 1, 1976, directed the California Office of Noise Control within the State Department of Health Services to prepare the *Guidelines for the Preparation and Content of Noise Elements of the General Plan*.[1] One purpose of these guidelines was to provide sufficient information concerning the community's noise environment so that noise could be considered in the land-use planning process. As part of this publication, Land Use Compatibility Standards were developed in four categories: Normally Acceptable, Conditionally Acceptable, Normally Unacceptable, and Clearly Unacceptable. These categories were based on earlier work done by the U.S. Department of Housing and Urban Development.

The interpretation of these four categories is as follows:

Normally Acceptable: Specified land use is satisfactory without special insulation.

Conditionally Acceptable: New development requires a detailed analysis of noise insulation requirements.

Normally Unacceptable: New development is discouraged and requires a detailed analysis of insulation features.

Clearly Unacceptable: New development should not be undertaken.

The state has developed a land-use compatibility matrix for community noise environments that further defines four categories of acceptance and assigns CNEL values to them. In addition, the State Building Code (Part 2, Title 24, California Code of Regulations) establishes uniform minimum noise insulation performance standards to protect persons within new hotels, motels, dormitories, long-term care facilities, apartment

[1] State of California, General Plan Guidelines, Governor's Office of Planning and Research, October, 2003.

houses, and residential units other than detached single-family residences from the effects of excessive noise, including, but not limited to, hearing loss or impairment and interference with speech and sleep. Residential structures to be located where the CNEL or L_{dn} is 60 dBA or greater are required to provide sound insulation to limit the interior CNEL to a maximum of 45 dBA. An acoustic or noise analysis report prepared by an experienced acoustic engineer is required to issuance a building permit for these structures. Conversely, land use changes that result in increased noise levels at residences of 60 dBA or greater must be considered in the evaluation of impacts to ambient noise levels. **Table 4-3**, *Land Use Compatibility for Community Noise Environments*, graphically depicts noise levels' acceptability for various uses.

Table 4-3. Land Use Compatibility Matrix

LAND USE CATEGORY	Community Noise Exposure (L_{dn} or CNEL, dB)						
	55	60	65	70	75	80	
Residential - Low-Density Single-Family, Duplex, Mobile Homes							
Residential - Multi-Family							
Transient Lodging - Motels Hotels							
Schools, Libraries, Churches, Hospitals, Nursing Homes							
Auditoriums, Concert Halls, Amphitheaters							
Sports Arena, Outdoor Spectator Sports							
Playgrounds, Neighborhood Parks							
Golf Courses, Riding Stables, Water Recreation, Cemeteries							
Office Buildings, Business Commercial and Professional							
Industrial, Manufacturing, Utilities, Agriculture							

Normally Acceptable - Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements.

Conditionally Acceptable - New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply system or air conditioning, will normally suffice.

Normally Unacceptable - New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.

Clearly Unacceptable - New construction or development should generally not be undertaken.

SOURCE:
Adapted from: Governor's Office of Planning and Research. 2003. State of California General Plan Guidelines. Appendix C, Noise Element Guidelines, Figure 2. Sacramento, CA.

4.3 Community Noise Assessment Criteria

4.3 Local Standards

The City of Beaumont has included goals and policies within the General Plan Update (GPU) Noise Element to minimize mobile-source generated noise levels. The following goals and policies apply to this project as they apply to roadway improvement projects.

General Plan Update Goal 10.2: A City with minimal mobile source-generated noise levels.

Policies:

10.2.1 Work with Caltrans and the Federal Highway Administration to reduce noise impacts to sensitive receptors along I-10, SR-60, and SR-70.

10.2.2 Regulate traffic flow to enforce speed limits to reduce traffic noise. Periodically evaluate and enforce established truck and bus routes to avoid noise impacts on sensitive receptors.

10.2.3 Prohibit truck routes through neighborhoods with sensitive receptors, where feasible.

10.2.4 Reduce the impacts of roadway noise on noise-sensitive receptors where roadway noise exceeds the normally compatible range.

10.2.5 Require the use of traffic calming measures such as reduced speed limits or roadway design features to reduce noise levels where roadway noise exceeds the normally compatible range.

10.2.6 Encourage the use of noise-reducing paving materials, such as open-grade or rubberized asphalt, for public and private road surfacing projects in proximity to existing and proposed residential land uses.

10.2.7 Consider the noise effects of City purchases and or leases of vehicles and other noise-generating equipment. Take reasonable and feasible actions to reduce the noise generated from City-owned or leased vehicles and equipment, where possible.

10.2.8 Ensure that noise and vibration from existing rail lines are considered during the land use planning and site development processes.

10.2.9 If Metrolink or other passenger rail service is initiated, work with the rail service providers to address noise and vibration considerations adjacent to the rail corridor

City of Beaumont Municipal Code

Title 9 – Public Peace, Morals and Welfare, Chapter 9.02 – Noise Control

Section 9.02.010 of the Beaumont Municipal Code (BMC) states the purpose of Chapter 9.02 is to establish criteria and standards for regulating noise levels within the City and implementing the noise provisions contained in the City's General Plan. For this project, the capital improvements made along Pennsylvania Avenue are exempt as outlined below under Chapter 9.02.120

BMC 9.02.100 - Exemptions.

Sound emanating from the following sources is exempt from the provisions of this Chapter:

A. Capital improvement projects of a governmental agency.

B. Maintenance and repair of public properties by a governmental agency.

C. Utility and street repairs, street sweepers, garbage services, emergency response warning noises, emergency generators, and fire alarm systems are exempt from this Chapter.

D. Other public/governmental services or operations including, but not limited to, trains and railway or airplanes and helicopter machinery, equipment, or vehicles.

Public Works Construction on Pennsylvania Avenue for this project is not precluded as outline in BMC 9.02.100. However, the City of Beaumont will make reasonable efforts to limit construction hours as outlined in BMC 9.02.110F to protect the health, safety, or general welfare of Beaumont residents.

BMC 9.02.110F – Construction Noise Limits.

BMC Chapter 9.02.110F states that no construction activities may occur within a one-quarter mile from an occupied residential dwelling between the hours of 6:00 p.m. and 6:00 a.m. during the months of June through September, and between the hours of 6:00 p.m. and 7:00 a.m. between the months of October through May unless such activities are permitted under the written consent of the City's building official.

The regulations and policies discussed above are intended to protect the community from excessive noise and vibration to ensure residents' and workers' quality of life in the City. The City is responsible for the continued enforcement of federal, state, and local regulations pertaining to noise generation and impacts and implementing Safety Element policies and applicable regulations of the BMC to ensure continued protection of the community from excessive noise and vibration in the future growth and development.

In community noise assessment, changes in noise levels greater than 3 dBA are often identified as "barely perceptible" while changes of 5 dBA are "ready perceptible." In the range of 1 dBA to 3 dBA, people who are very sensitive to noise may perceive a slight change in noise level.

In laboratory testing situations, humans can detect noise level changes of slightly less than 1 dBA. However, in a community situation, noise exposure is extended over a long-time period, and changes in noise levels occur

over the years rather than the immediate comparison made in a laboratory situation. Therefore, the level at which changes in community noise levels become discernible is likely to be some value greater than 1 dBA, and 3 dBA appears to be appropriate for most people.

Off-Site Impact Criteria

Transportation-related noise impacts associated with the development of the project were evaluated. Noise level increases and impacts attributable to the development of the proposed project are estimated by comparing the "with project" traffic volume to the "without project" traffic volume. For purposes of this study, roadway noise impacts would be considered significant if the project increases noise levels above allowable noise exposure levels, as shown in **Table 4.4.** *Significance Changes in Operational Roadway Noise Exposure*.

Table 4.4 Significance Changes in Operational Roadway Noise Exposure

Existing Noise Exposure (dBA Ldn or Leq)	Allowable Noise Exposure Increase (dBA Ldn or Leq)
45-49	7
50-54	5
55-59	3
60-64	2
65-69	1
69-74	1

5.0 THRESHOLDS OF SIGNIFICANCE

Appendix G of the California Environmental Quality Act (CEQA) Guidelines states that a project could have a significant adverse effect related to noise if any of the following would occur:

- Substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance or other agencies' applicable standards?

- Excessive groundborne vibration or groundborne noise levels?

- Expose people residing or working in the project area to excessive noise levels for the project if it is located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport?

- Roadway noise that exceeds the allowable noise exposure levels listed in Table 4.4

6.0 EXISTING NOISE

The existing noise environment was characterized by collecting field noise measurements at sensitive residential properties within the project area. Three (3) short-term measurements were taken at residential locations within the project area. The noise measurements were performed on June 23, 2020. Appendix A includes the field monitoring forms, and Figure 6.1 shows the monitoring locations.

6.1 Measurement Procedure and Criteria

Short-term and long-term noise measurements were taken using a Larson Davis Type 1 precision sound level meter. All noise meters were programmed in "slow" mode to record noise levels in the "A" weighted form. The sound level meters and microphones were mounted on a tripod, five feet above the ground, and equipped with a windscreen during all measurements. The sound level meter was calibrated before the monitoring using a CAL200 calibrator. All noise level measurement equipment meets American National Standards Institute (ANSI) specifications for sound level meters (S1.4-1983 identified in Chapter 19.68.020.AA).

6.2 Noise Measurement Locations

Noise monitoring locations were selected near the project site. Noise measurement locations 1 through 3 were monitored for 15 minutes. Site 1 and Site 2 are located along Pennsylvania Avenue, south of and East 6th Street, near the residential properties near the I-10 on-ramp. Site 3 is located at the southern limits of the project site adjacent to a residential property near East 1st Street.

Table 6-1. Existing (Ambient) Short-Term Noise Level Measurements[1,3]

Noise Monitoring Location ID[2]	Description	Time of Measurement[3]	Primary Noise Source	Noise Levels (L_{eq} dBA)
R-1	Pennsylvania Avenue (S. of East 6th Street)	10:00 am	Traffic	61.6
R-2	Pennsylvania Avenue (S. of East 6th Street)	10:30 am	Traffic	67.3
R-3	Pennsylvania Avenue (near East 1st Street)	11:00 am	Traffic	67.3

1 Noise measurements were taken on June 23, 2020

2 See Figure 4 for the location of the monitoring sites and Appendix A for Field Monitoring Forms.

3 Taken with Larson Davis Type 1 noise meter

Figure 4. Short Term Measurement Locations

7.0 METHODOLOGY

The following section outlines the analysis methods utilized to predict future noise and vibration levels from the proposed project's construction and operation.

7.1 Construction

7.1.1 Noise Analysis Methods

The assessment of the construction noise impacts must be relatively general at this phase of the project because many of the decisions affecting noise will be at the Contractor's discretion. However, an assessment based on the type of equipment expected to be used by the Contractor can provide a reasonable estimate of potential noise impacts and the need for noise mitigation. A worst-case construction noise scenario was developed to estimate the loudest activities occurring at the project site. Pile driving and blasting activities are not anticipated; therefore, the loudest construction activities are centered around the movement of heavy construction equipment during excavation, grading operations, and the erection of buildings. Noise levels were estimated based on a worst-case scenario, which assumed all pieces of equipment would be operating simultaneously during each construction phase. The calculated noise level was then compared to the respective local noise regulation to determine if construction would cause a short-term noise impact at nearby residential sensitive land uses along Massachusetts Avenue. Receiver distance to the construction activity along with the construction equipment operating at the maximum load will have the greatest influence on construction noise levels experienced at residential land uses along Massachusetts Avenue, approximately 200 feet away from Pennsylvania Avenue.

7.1.2 Vibration Analysis Methods

Groundborne vibration levels resulting from construction activities within the project area were estimated using the FTA data in its Transit Noise and Vibration Impact Assessment Manual (FTA, 2006). Potential vibration levels resulting from the proposed project's construction activities are identified at the nearest off-site sensitive receptor location and compared to the FTA damage criteria, as shown previously in Table 2-4.

7.2 Operational Noise & Vibration Analysis

7.2.1 Operational Traffic Noise Analysis Methods

The project roadway noise impacts from vehicular traffic were predicted using the FHWA-TNM 2.5 Model. The FHWA TNM 2.5 Model arrives at a predicted noise level through a series of adjustments to the Reference Energy Mean Emission Level (REMEL). Adjustments are then made to account for: the roadway classification (e.g., collector, secondary, major, or arterial), the active roadway width (i.e., the distance between the center of the outermost travel lanes on each side of the roadway), traffic volumes on nearby roadways, the travel speed, the percentages of automobiles, medium trucks, and heavy trucks, and the site conditions (“hard” or “soft” relates to the adsorption of the ground, pavement, or landscaping).

7.2.2 Operational Traffic Vibration Analysis

As a conservative measure, the vibration vs. distance curve obtained from the Caltrans Transportation and Construction Vibration Guidance Manual will be used to represent worst-case vibration levels from traffic noise. These vibration levels will be compared to the Caltrans and FTA vibration annoyance criteria, as shown previously in Tables 2-6 and 2-7 for Continuous Sources. These criteria will be utilized to evaluate the level of significance associated with vibration effects from traffic.

7.3 Predicted Noise and Vibration Impacts

This section discusses the noise and vibration impacts compared to the applicable noise significance thresholds. When a significant impact has been set forth, mitigation measures to address that potential impact are presented, along with determining whether the impact will continue to be significant after implementing the mitigation measure.

7.3.1 Cause a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;

Permanent Impacts

The Traffic Noise Model 2.5 (TNM) and the project's traffic data, provided by the City's traffic consultant, were utilized to predict Existing, Future 2020, and 2035 project noise levels. **Table 7-1** presents existing and future noise levels. Changes in noise levels between existing and 2020 are negligible (less than 3 dBA increase) and remain unnoticeable under 2035 future with project conditions. The proposed project improvements will not add additional traffic; therefore, no new exceedances will occur. Due to the negligible change in noise levels, operational noise impacts are less-than-significant.

TABLE 7.1. EXISTING AND FUTURE TRAFFIC NOISE LEVELS

Location	Existing Noise Levels L_{eq} (dBA)	2020 No Build Noise Levels L_{eq} (dBA)	2020 with Project Noise Levels L_{eq} (dBA)	2035 with Project Noise Levels L_{eq} (dBA)	2020 Project Increase over Existing	2035 Project Increase over Existing	Allowable Noise Exposure Increase (dBA)
R1	61.7	61.9	64.4	65.6	2.7	3.9	2
R2	65.4	65.5	66	66.3	0.6	0.9	1
R3	56.8	57.1	58.8	60.7	2.0	3.9	3

As shown in **Table 7-1**, changes in noise levels between existing and 2020 are less than 3 dBA increase. Although these noise increases are barely audible by the human ear, receivers R1 and R3 still exceed the allowable noise exposure increase. Noise levels continue to increase under 2035 future over existing conditions with project

conditions and exceed the City of Beaumont's noise exposure levels. For consistency with the City of Beaumont's GPU Policy 10.2.6, noise-reducing paving materials, such as open-grade or rubberized asphalt, will be used to surface Pennsylvania Avenue to reduce noise increases at the closest residential land uses near the project along Massachusetts Avenue. Implementation of noise-reducing paving materials would reduce noise levels by 4 to 5 dBA. This noise reduction level would reduce the noise level to less than significant, bringing the resultant noise level within the acceptable noise compatibility levels near residential land uses.

Temporary Impacts

The operation of heavy-duty equipment would produce noise. Construction noise levels were estimated using FTA guidance (FTA, 2006), which provides a method for calculating noise levels for the two noisiest pieces of equipment operating in each construction phase using reference noise levels for individual pieces of equipment. Full power operation for a time period of one hour was assumed because most construction equipment operates continuously for periods of one hour or more at some point in the construction period. No ground effects were considered. The closest sensitive receptors are residential homes located approximately 200 feet west of Pennsylvania Avenue near the I-10 westbound on-ramp. The noise levels associated with equipment used during the various construction phases are shown in **Table 7-2**. As shown in **Table 7-2**, during each phase of construction, the noise level would have the potential to exceed existing background noise levels.

Construction-related noise at the nearest sensitive receptors would reach up-to an estimated exterior maximum unmitigated noise level of 76 dBA (Table 7.2). This temporary increase in construction noise would be readily perceivable. The residential structure itself would reduce interior noise levels. Typical noise attenuation within residential structures with open windows is about 17 dBA, while the noise attenuation with closed windows is about 25 dBA (NCHRP 1971). Considering these attenuation factors, maximum interior noise levels during construction are anticipated to be maintained at or below approximately 51 dBA in structures with closed windows.

Actual construction noise levels may be lower than predicted noise levels depending upon construction phasing and the implementation of typical best management practices such as reducing equipment idling, operating equipment with mufflers, limiting equipment operating hours, utilizing construction staging techniques that buffer noise emanating from the project boundary to the nearest sensitive receptors and maintaining construction equipment in good working order. These best management practices have been effective in reducing construction noise levels within acceptable maximum allowable levels.

Although the City of Beaumont Noise Ordinances is exempted from established base ambient and maximum exterior and interior noise levels provided under BMC section 9.02.50, it is recommended that the City incorporates the best management practices consistent with the implementation measures listed in the General Plan. Construction noise impacts at the site of the closest sensitive receptors along Massachusetts Avenue are unlikely to be sustained during the entire construction period but will occur only when heavy construction equipment is operating near the Project site perimeter.

Adherence to local noise ordinances and implementation of construction Best Management Practices, such as limiting construction operating hours between 7:00 am to 6:00 on and implementing the control measures outlined in the mitigation section below, would reduce construction impacts at sensitive receptors to less than significant.

TABLE 7.2. CONSTRUCTION EQUIPMENT BY PHASE WITH ASSOCIATED MAXIMUM 1-hr L_{eq}

Equipment Type	Number of equipment	dBA at 50 feet	Predicted Noise Levels (dBA) 1-hr L_{eq} at Nearest Residential Property
Civil			
Dump Trucks	1	76	75
Rubber Tired Dozer	1	85	
Tractor/Loader/Backhoe	1	80	
Hydraulic Excavator	2	85	
Site Preparation			
Grader	1	85	76
Rubber Tired Dozer	1	85	
Tractor/Loader/Backhoe	1	85	
Grading			
Grader	1	85	74
Rubber Tired Dozer	1	85	
Paving			
Cement and Mortar Mixer	1	85	74
Pavers	1	89	
Paving Equipment	1	89	
Rollers	1	74	
Tractor/Loader/Backhoe	1	85	

7.3.2 Expose persons to or generate excessive groundborne vibration or groundborne noise levels;

As a result of the proposed project's construction, groundborne vibration may occur from heavy equipment during demolition, grading, and paving. Based on the FTA's reference vibration levels, a large bulldozer represents the peak source of vibration with a reference level of 0.089 (in/sec) at a distance of 25 feet. At the nearest residential receptor along Massachusetts Avenue, approximately 200 feet west of Pennsylvania Avenue, the vibration level would be 0.004 in/sec (60 VdB). Using the construction vibration assessment annoyance criteria provided by the FTA for infrequent events, as shown in **Tables 4-1** and **4-2**, the proposed project site will not include nor require equipment, facilities, or activities that would result in causing building damage or perceptible human response (annoyance) that exceeds the FTA criteria of 0.2 in/sec or 80 VdB respectively. Further, vibration impacts at the site of the closest sensitive receptor are unlikely to be sustained during the entire construction period but will occur rather only during the times that heavy construction

equipment is operating near the Project site perimeter. Moreover, construction at the Project site will be restricted to daytime hours consistent with City requirements, thereby eliminating potential vibration impact during the sensitive nighttime hours. On this basis, the potential for the proposed project to result in persons' exposure to or generation of excessive ground-borne vibration is determined to be less than significant.

Groundborne vibration from vehicular traffic rarely causes a disturbance within buildings located in urban environments unless the pavement surface is uneven or the receptor is highly sensitive (e.g., a scientific research establishment) to groundborne vibration. Therefore, groundborne vibration levels within the project are not expected to increase as a result of the implementation of the Proposed Project.

7.3.3 For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

The nearest airport is Banning Airport. The project site is 6.7 miles from the airport and is outside of its noise contour. The proposed project will not generate operational noise levels that would increase the noise within the existing environment. Therefore, the proposed project area would not exposure people working in the project area to excessive noise levels associated with aircraft.

8.0 RECOMMENDATIONS & MITIGATION MEASURES

The City of Beaumont will implement the following recommendations and mitigation measures to reduce temporary and operational noise impacts from the Pennsylvania Avenue Widening Project to less than significant.

Temporary Impacts

MM NOI-1 The City shall implement a construction notification plan described herein to keep nearby occupants informed of the Project's construction schedule. Prior to construction activities and within 2 weeks following award and execution of the construction contract, the Contractor shall provide the City with a construction schedule that identifies: (1) start date of construction, (2) anticipated weekly work zones by the estimated date shown on an aerial map (or plan sheet overview), (3) estimated construction completion date and (4) website address for accessing the construction schedule on-line. The construction contractor shall update the schedule at least every two weeks and provide the City's schedule by the following day for posting on the City's website.

MM NOI-2 All construction equipment, stationary and mobile, shall be equipped with properly operating and maintained muffling devices, intake silencers, and engine shrouds no less effective than as initially equipped by the manufacturer. The Contractor shall be required to document compliance in a written and signed statement provided to the City.

MM NOI-3 The construction contractor shall adequately maintain and tune all construction equipment to minimize noise emissions. The Contractor shall be required to document compliance in a weekly construction log or weekly email provided to the City.

MM NOI-4 The construction contractor shall post a contact name and telephone number of the owner's authorized representative on-site.

Operational Impacts

Traffic noise levels with the project are expected to exceed allowable noise exposure levels above existing noise levels. In efforts to reduce these noise increase, the City of Beaumont's GPU Policy 10.2.6 requires the implementation of noise-reducing paving materials, such as open-grade or rubberized asphalt on Pennsylvania Avenue, to reduce noise increases at the closest sensitive residential land uses near the project along Massachusetts Avenue. Implementation of noise-reducing paving materials would reduce noise levels by 4 to 5 dBA. This noise reduction level would reduce the noise level to less than significant, bringing the resultant noise level within the acceptable noise compatibility levels near residential land uses.

9.0 REFERENCES

Caltrans. (2013) Caltrans Transportation and Construction Vibration Guidance Manual

CEQA Checklist (2019). http://califaep.org/docs/2019-Appendix_G_Checklist.pdf

City of Beaumont. (2020). City of Beaumont Municipal Code.

City of Beaumont. (2020). City of Beaumont General Plan Update 2040

City of Beaumont. (2020). City of Beaumont General Plan Update 2040 Draft Environmental Impact Report

Minagar & Associates (2020). Traffic Data

Federal Transit Administration. (2006, May). Chapter 7 (Vibration) and Chapter 12 (Construction Noise). Transit Noise and Vibration Impact Assessment.

US Department of Housing and Urban Development (HUD). (1991). Chapter 5. The Noise Guidebook.

US Department of Transportation, Federal Highway Administration (FHWA). (2006). Highway Construction Handbook.

Appendix A Noise Monitoring Forms

ENTECH CONSULTING GROUP

FIELD NOISE MEASUREMENT

Project: City of Beaumont Pennsylvania Ave. Widening

ID

Site ID: R1 Engineer (s): Cammila Blasquez

Date: 06/23/2020 Start Time: 10:00

Property Owner: N/A

Address: Pennsylvania Ave. and E 6th St., Beaumont CA

WEATHER

Temp. 82 °F Hum. 39 % R.H. Wind Spd: 8 mph

Wind Dir. NW N NE W (Calm) E SW S SE

Sky: ☐ OVRCST ☐ PARTLY CLOUDY ☑ CLEAR ☑ SUNNY ☐ FOG ☐ RAIN ☐ OTHER: _____

SOUND

SLM ID: LD 824 Calibration: (Pre) 94.1 dBA (Post) 94.1 dBA

SLM Record ID: # 1 Duration: 15:00 L_{eq} 68.6 dBA

NOISE SOURCE

Contamination:
☑ Aircraft
☐ Rustling leaves
☐ Dogs barking
☐ Birds
☐ Children playing
☐ Other_____

Speed Estimated By:
☐ Radar ☐ Driving
☑ Other Speed Limit

Major Source: ☑ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other_____

Traffic Count Duration: 15:00

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)
N	91	35	0	35	1	35	0	35	1	35
S	91	35	3	35	0	35	0	35	0	35

FILING

Photo: Camera ID Galaxy S8 File #: TimePhoto_20200623_095645.jpg

Video: Camera ID Galaxy S8 File #: 20200623_100014.mp4

TOPO & COMMENTS

Pavement: ☑ Hard ☐ Soft ☐ Mixed

Terrain: ☑ Flat ☐ Uneven ☐ Shape

Land Use: Cu.____ Fu. ✓

Δ Elev.

COMMENTS

Flat terrain, dirt ground, open clearing with minimal trees.

Monitor location was ≈ 8 feet from the road, (Pennsylvania Ave.)

ENTECH CONSULTING GROUP

FIELD NOISE MEASUREMENT

Project: City of Beaumont Pennsylvania Ave. Widening

ID

Site ID: R2 Engineer (s): Cammila Blasquez

Date: 06/23/2020 Start Time: 10:30

Property Owner: N/A

Address: Pennsylvania Ave. and E 6th St., Beaumont CA

WEATHER

Temp. 82 °F Hum. 39 % R.H. Wind Spd: 8 mph

Wind Dir. NW N NE W (Calm) E SW S SE

Sky: ☐ OVRCST ☐ PARTLY CLOUDY ☑ CLEAR ☑ SUNNY

☐ FOG ☐ RAIN ☐ OTHER: _____

SOUND

SLM ID: LD 824 Calibration: (Pre) 94.1 dBA (Post) 94.1 dBA

SLM Record ID: # 2 Duration: 15:00 L_{eq} 69.8 dBA

NOISE SOURCE

Contamination:
- ☐ Aircraft
- ☐ Rustling leaves
- ☐ Dogs barking
- ☐ Birds
- ☐ Children playing
- ☐ Other_____

Speed Estimated By:
☐ Radar ☐ Driving
☑ Other Speed Limit

Major Source: ☑ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other_____

Traffic Count Duration: 15:00

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)
N	95	35	4	35	3	35	0	35	0	35
S	87	35	5	35	0	35	0	35	0	35

FILING

Photo: Camera ID Galaxy S8 File #: TimePhoto_20200623_102703.jpg

Video: Camera ID Galaxy S8 File #: 20200623_102944.mp4

TOPO & COMMENTS

Pavement:	Terrain:	Land Use:
☑ Hard	☑ Flat	Cu.____
☐ Soft	☐ Uneven	Fu. ✓
☐ Mixed	☐ Shape	

Δ Elev.

COMMENTS

Flat terrain, dirt ground, open clearing, minimal trees.

Monitor location was ≈ 8 feet from the road (Pennsylvania Ave.)

ENTECH CONSULTING GROUP

FIELD NOISE MEASUREMENT

Project: City of Beaumont Pennsylvania Ave. Widening

ID

Site ID: R1 Engineer (s): Cammila Blasquez

Date: 06/23/2020 Start Time: 10:00

Property Owner: N/A

Address: Pennsylvania Ave. and E 6th St., Beaumont CA

WEATHER

Temp. 82 °F Hum. 39 % R.H. Wind Spd: 8 mph

Wind Dir. NW N NE W (Calm) E SW S SE

Sky: ☐ OVRCST ☐ PARTLY CLOUDY ☑ CLEAR ☑ SUNNY ☐ FOG ☐ RAIN ☐ OTHER: _____

SOUND

SLM ID: LD 824 Calibration: (Pre) 94.1 dBA (Post) 94.1 dBA

SLM Record ID: # 1 Duration: 15:00 L_{eq} 68.6 dBA

NOISE SOURCE

Contamination:
- ☑ Aircraft
- ☐ Rustling leaves
- ☐ Dogs barking
- ☐ Birds
- ☐ Children playing
- ☐ Other_____

Speed Estimated By:
☐ Radar ☐ Driving ☑ Other Speed Limit

Major Source: ☑ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other_____

Traffic Count Duration: 15:00

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)
N	91	35	0	35	1	35	0	35	1	35
S	91	35	3	35	0	35	0	35	0	35

FILING

Photo: Camera ID Galaxy S8 File #: TimePhoto_20200623_095645.jpg

Video: Camera ID Galaxy S8 File #: 20200623_100014.mp4

TOPO & COMMENTS

Pavement: ☑ Hard ☐ Soft ☐ Mixed

Terrain: ☑ Flat ☐ Uneven ☐ Shape

Land Use: Cu.____ Fu. ✓

Δ Elev.

COMMENTS

Flat terrain, dirt ground, open clearing with minimal trees.

Monitor location was ≈ 8 feet from the road, (Pennsylvania Ave.)

ENTECH CONSULTING GROUP

FIELD NOISE MEASUREMENT

Project: City of Beaumont Pennsylvania Ave. Widening

ID

Site ID: R2 Engineer (s): Cammila Blasquez

Date: 06/23/2020 Start Time: 10:30

Property Owner: N/A

Address: Pennsylvania Ave. and E 6th St., Beaumont CA

WEATHER

Temp. 82 °F Hum. 39 % R.H. Wind Spd: 8 mph

Wind Dir. NW N NE W (Calm) E SW S SE

Sky: ☐ OVRCST ☐ PARTLY CLOUDY ☑ CLEAR ☑ SUNNY

☐ FOG ☐ RAIN ☐ OTHER: _____

SOUND

SLM ID: LD 824 Calibration: (Pre) 94.1 dBA (Post) 94.1 dBA

SLM Record ID: # 2 Duration: 15:00 L_{eq} 69.8 dBA

NOISE SOURCE

Contamination:
- ☐ Aircraft
- ☐ Rustling leaves
- ☐ Dogs barking
- ☐ Birds
- ☐ Children playing
- ☐ Other_____

Speed Estimated By:
☐ Radar ☐ Driving
☑ Other Speed Limit

Major Source: ☑ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other_____

Traffic Count Duration: 15:00

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)
N	95	35	4	35	3	35	0	35	0	35
S	87	35	5	35	0	35	0	35	0	35

FILING

Photo: Camera ID Galaxy S8 File #: TimePhoto_20200623_102703.jpg

Video: Camera ID Galaxy S8 File #: 20200623_102944.mp4

TOPO & COMMENTS

Pavement:	Terrain:	Land Use:
☑ Hard	☑ Flat	Cu.____
☐ Soft	☐ Uneven	Fu. ✓
☐ Mixed	☐ Shape	

Δ Elev.

COMMENTS

Flat terrain, dirt ground, open clearing, minimal trees.

Monitor location was ≈ 8 feet from the road (Pennsylvania Ave.)

ENTECH CONSULTING GROUP

FIELD NOISE MEASUREMENT

Project: City of Beaumont Pennsylvania Ave. Widening

ID

Site ID: R3 Engineer (s): Cammila Blasquez

Date: 06/23/2020 Start Time: 11 : 00

Property Owner: N/A

Address: Pennsylvania Ave. and E 1st St., Beaumont CA

WEATHER

Temp. 85 °F Hum. 33 % R.H. Wind Spd: 11 mph

Wind Dir.: NW N NE / W (Calm) E / SW S SE

Sky: ☐ OVRCST ☐ PARTLY CLOUDY ☑ CLEAR ☑ SUNNY ☐ FOG ☐ RAIN ☐ OTHER: _____

SOUND

SLM ID: LD 824 Calibration: (Pre) 94.1 dBA (Post) 94.1 dBA

SLM Record ID: # 3 Duration: 15 : 00 L_{eq} 68.5 dBA

NOISE SOURCE

Contamination:
- ☐ Aircraft
- ☐ Rustling leaves
- ☑ Dogs barking
- ☑ Birds
- ☐ Children playing
- ☑ Other Train Horn

Speed Estimated By:
- ☐ Radar ☐ Driving
- ☑ Other Speed Limit

Major Source: ☑ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other _____

Traffic Count Duration: 15 : 00

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)
W	84	45	6	45	2	45	0	45	0	45
E	57	45	7	45	0	45	0	45	0	45

FILING

Photo: Camera ID N/A File #: N/A

Video: Camera ID Galaxy S8 File #: 20200623_110030.mp4

TOPO & COMMENTS

Pavement: ☐ Hard ☐ Soft ☑ Mixed

Terrain: ☑ Flat ☑ Uneven ☐ Shape

Land Use: Cu. ____ Fu. ✓

Δ Elev.

COMMENTS

Mostly flat terrain with some uneven sections. Open clearing with minimal trees. Monitor location was ≈ 5 feet from the shoulder of E 1st Street.

Appendix J

CEQA Transportation Vehicle Miles Traveled (VMT) Screening

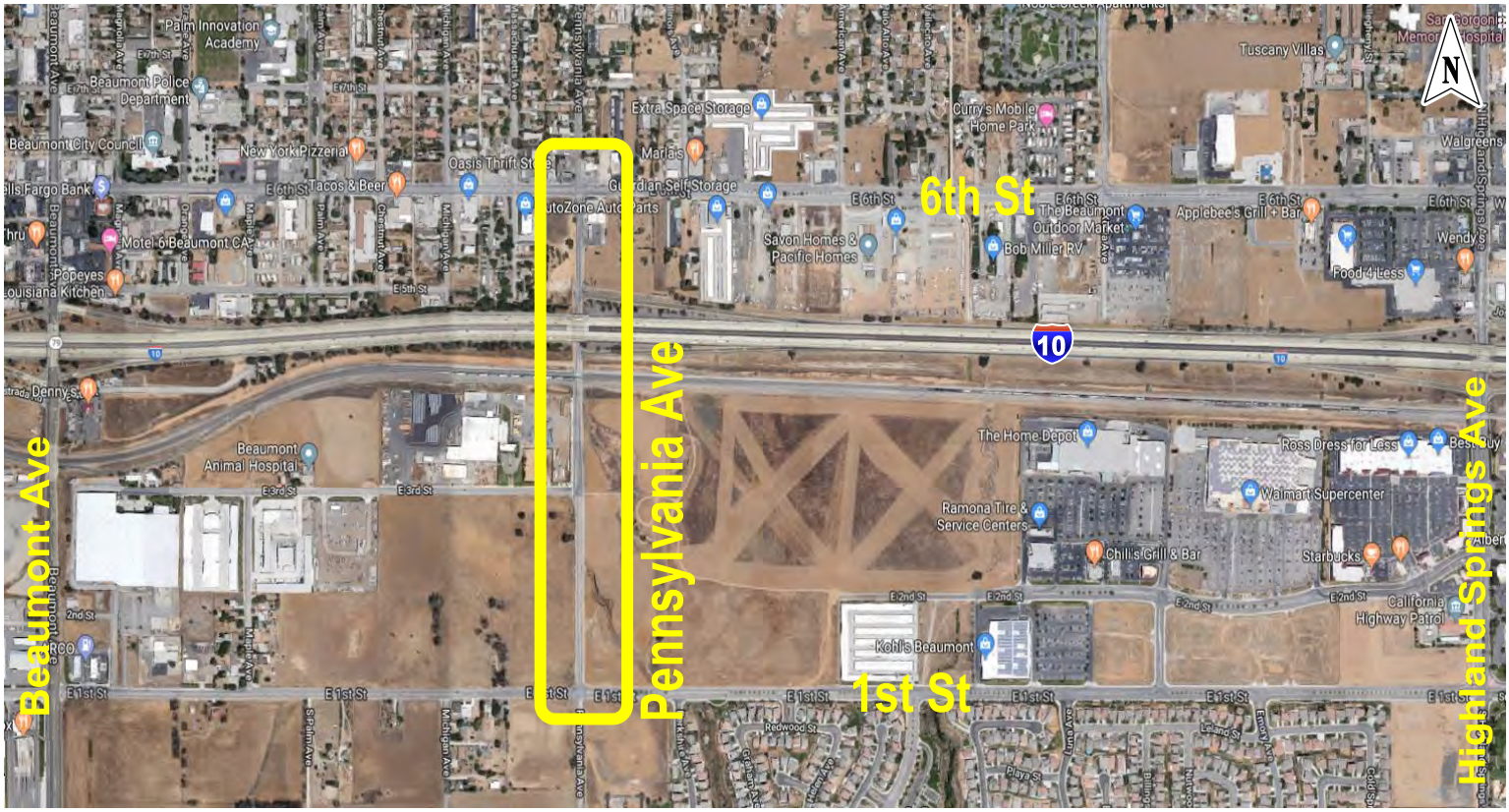
CEQA Transportation (VMT) Screening

for the

Pennsylvania Avenue Widening between 6th Street and 1st Street Improvements Project

in the

City of Beaumont, CA



PREPARED FOR:

City of Beaumont
Department of Public Works
550 E. 6th Street
Beaumont, CA 92223

PREPARED BY:

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27 Years of Excellence

December 18, 2020

Section 1: Project Summary & Background

1.0 Executive Summary

As of September 19, 2017, the City of Beaumont began the design process for the Pennsylvania Avenue Interchange and Widening Project. The 95% final plans were prepared on May 22, 2020 for the project. The project widening entails expanding the existing Pennsylvania Avenue Corridor between 1st Street and 6th Street from two lanes (one lane per direction) to four lanes (two lanes per direction). The portion of Pennsylvania Avenue to be widened is a 2,700-foot long segment (0.51 miles), *less than a mile*, between 6th Street on the north, and 1st Street on the south (see ***Figure 1*** - Project Location/Vicinity).

As a result of the widening of Pennsylvania Avenue from two to four through lanes, it is expected that a certain amount of diverted traffic inflowing from the adjacent parallel north-south arterials (i.e., Beaumont Avenue to the west, and Highland Springs Avenue to the east) will offset some of the capacity benefits gained by the improvements;

This report has been prepared for the specific purpose of addressing the potential impact of the Pennsylvania Avenue Widening Project on Vehicle Miles Traveled (VMT) within the City, subject to California Environmental Quality Act (CEQA) Guidelines for Implementing Senate Bill 743 (SB743). This analysis has been performed to screen out the project from further VMT assessment due to the roadway improvements.

As the Pennsylvania Avenue Corridor involved in the Project has been included in Riverside County's Circulation Element of the General Plan and classified as an major highway in accordance with the classification of the Project roadway upon completion, the Air Quality Element which ensures that developments within the County reduce Greenhouse Gas (GHG) emissions overall. The subject project is also a part of SCAG's RTP/SCS RTPID#2016A319: Grade Separation Under Crossing at Pennsylvania Ave and UPRR, including Widening, Sidewalk Improvements and Traffic Signalization. Therefore based upon the City of Beaumont's SB743 VMT Thresholds for CEQA Compliance Related to Transportation Analysis ratified by the City Council on June 16, 2020, **the 0.51-mile widening project is screened out of further VMT analysis.** It should be noted that the project improve and enhance pedestrian facilities and improve traffic operations not only at Pennsylvania interchange but also at the two nearby Beaumont Ave interchange (to the west) and Highland Springs (to the east) interchange and it will also enhance pedestrian facilities along the corridor.

2.0 Introduction

2.1 Purpose of the TIA and Study Objective

The City of Beaumont is in the northeast part of Western Riverside County and surrounded by the cities of Calimesa and Banning, as well as unincorporated areas of Riverside County. Located at the junction points of the Interstate 10 (I-10) Freeway, the California State Route 60 (SR-60) Freeway, and the California State Route 79 (SR-79/Beaumont Avenue) Highway, the City of Beaumont is situated in a key regional location.

Pennsylvania Avenue within the project limits is designated within the General Plan Circulation Element as a Major Highway. A major highway is defined by the City generally as a 76-78' wide, four-lane divided arterial (i.e., two lanes per direction, separated by a painted or raised median) with on-street parking provided next to the curb, and designed to accommodate typical daily traffic volumes of 40,000 vehicles per day. Currently, Pennsylvania Avenue is built as a mostly undivided two-lane road (i.e., one lane per direction with a striped centerline division, with a 500-foot long, 12' wide painted median along the southerly section) with existing traffic volumes ranging from 8,500 vehicles per day to the north of Interstate 10 (I-10), to about 11,100 vehicles per day south of I-10.

Pennsylvania provides access to the regional transportation network (i.e., I-10 Eastbound and Westbound On/Off-Ramps), as well as a north-south connection between the residential and commercial neighborhoods north and south of I-10. As the City of Beaumont has rapidly increased its economic development over the last several years, many existing city streets are experiencing increasing amounts of traffic congestion during peak periods. This includes Pennsylvania Avenue between 6th Street and 1st Street, which serves as an alternative access route to the surrounding community, particularly during the times when the adjacent Beaumont Avenue and Highland Springs Avenue interchanges approach peak capacities. As the typical daily capacity of similar two-lane roadways is between 10,000 and 12,000 vehicles per day, the regular traffic volume carrying capacity of Pennsylvania is close to being reached.

This condition is anticipated to worsen in the future as planned, approved, and other development projects under construction continue to open and generate additional traffic. The existing cross-section of Pennsylvania is deficient in several locations and does not meet existing City of Beaumont standards for its configuration in the current General Plan and future updates.

The objectives for the project are as follows:

- Provide pedestrian sidewalk improvements to accommodate future and horizon-years;
- Design and construct Pennsylvania Avenue to be consistent with the City's General Plan Circulation Element as a Major Highway;
- Alleviate traffic congestion and delays on regionally-significant, adjacent parallel routes within the study limits of the Pennsylvania Avenue Widening Improvements Project.

2.2 Project Size and Description

The City of Beaumont (Lead Agency) is proposing to widen Pennsylvania Avenue consistent with the City's General Plan Circulation Element, in the central part of the City of Beaumont along the I-10 corridor from its existing two-lane configuration to four lanes. The portion of Pennsylvania Avenue to be widened is a 2,700-foot long segment (0.51 miles), *less than a mile* between 6th Street on the north, and 1st Street on the south (see ***Figure 1*** - Project Location/Vicinity). Project Location and Vicinity Map Site Plan and Proposed Project. For detailed figures of the Pennsylvania Avenue Modifications, see ***Figure 2A*** – Pennsylvania Avenue Widening Project Conceptual Design Plan through ***Figure 2F***– Pennsylvania Avenue Widening Project Conceptual Design Cross Sections 1st Street to 6th Street.

2.3 Existing and Proposed Land Use and Zoning

As the project is a Corridor improvement project, there is neither a designated land use nor zoning. However, beginning from the intersection of Pennsylvania Avenue at 1st Street and proceeding north, the zoning designation is General Commercial (GC) to the East and West of the corridor from the City of Beaumont's Draft General Plan Update of the Land Use Map as of August 21, 2020. Upon reaching the intersection of Pennsylvania Avenue at 3rd Street, the zoning changes from Industrial (I) to the west and GC to the east. Finally, after reaching the On/Off Ramps for Interstate 10 (I-10), the zoning designation is Downtown Mixed Use (DMX) to the east and west of the corridor up until the northerly project limits (6th Street).

Figure 1
Project Location/Vicinity

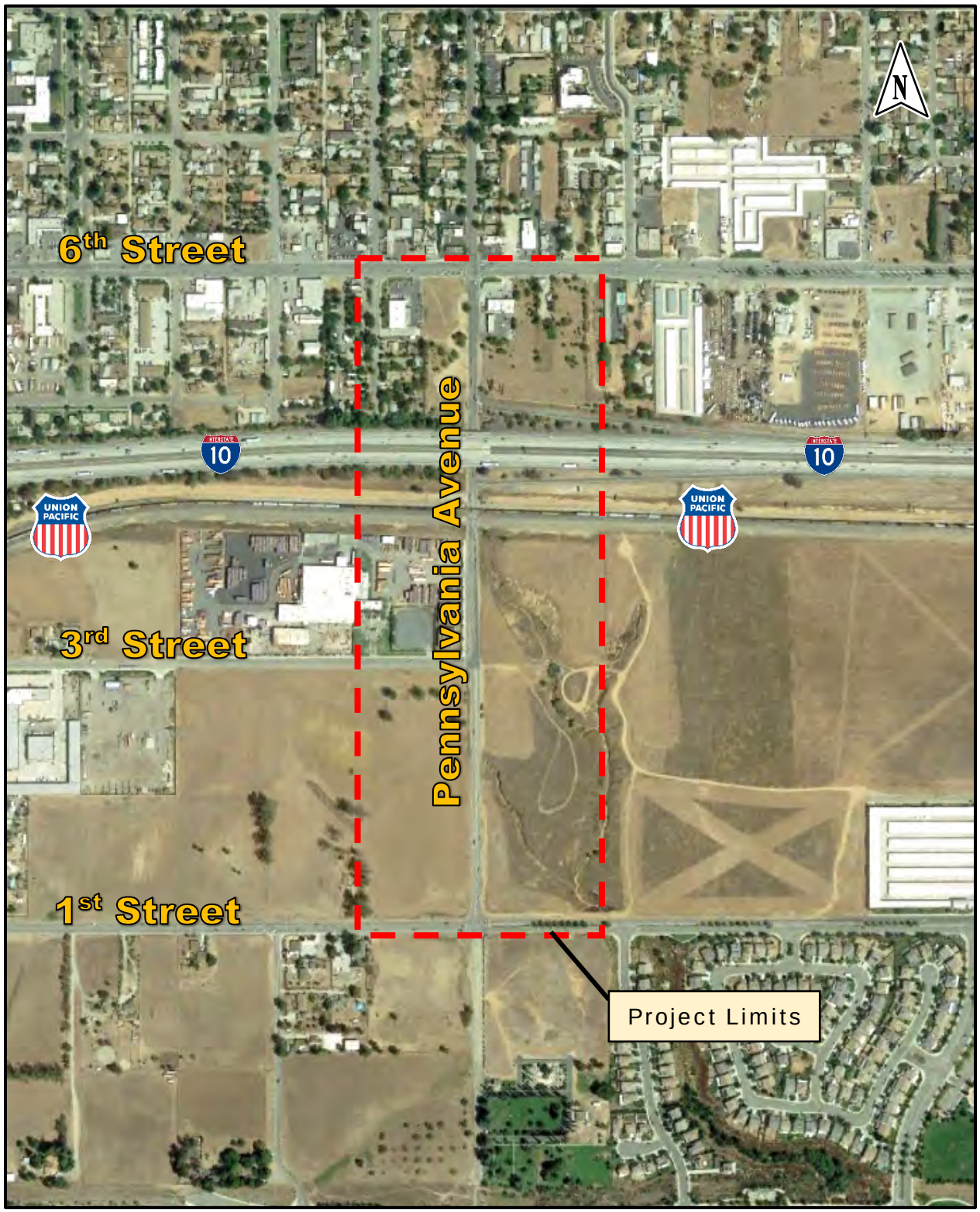
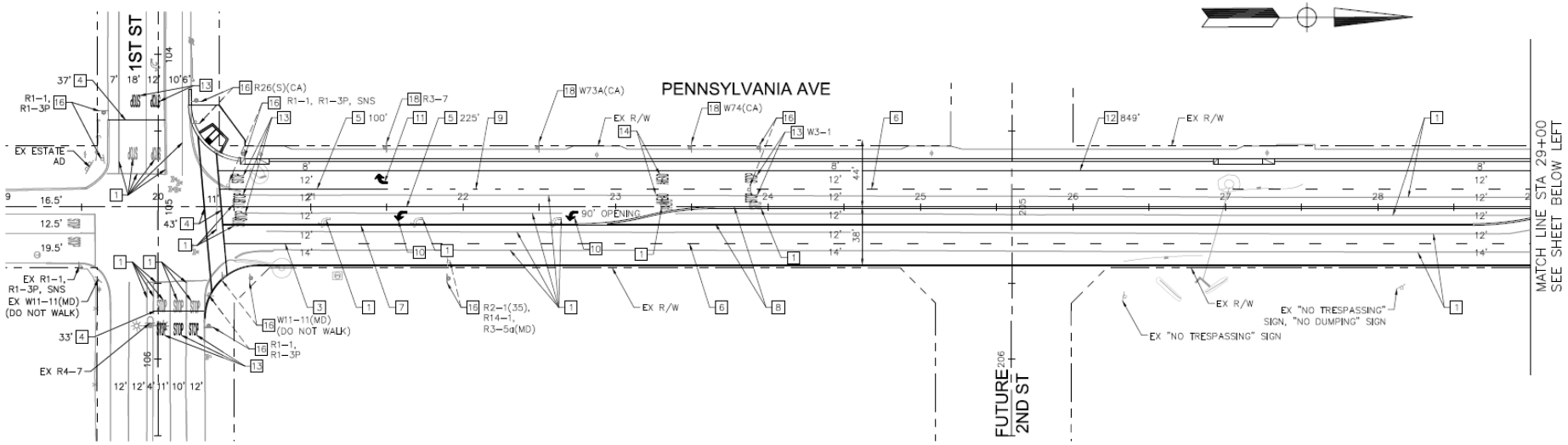


Figure 2A
Pennsylvania Avenue Widening 95% Conceptual Design Plan



SIGNING AND STRIPING NOTES

[1] REMOVE CONFLICTING STRIPING AND MARKERS.

[3] INSTALL 50' OF 4" WHITE STRIPING LINE WITH TYPE G MARKERS

[4] INSTALL 12" WHITE CROSSWALK OR LIMIT LINE AS SHOWN PER CALTRANS STANDARD PLAN A24E.

[5] INSTALL DETAIL 38 CHANNELIZING LINE PER CALTRANS STANDARD PLAN A20D.

[6] INSTALL DETAIL 9 STRIPING PER CALTRANS STANDARD PLAN A20A.

[7] INSTALL DETAIL 22 STRIPING PER CALTRANS STANDARD PLAN A20A.

[8] INSTALL DETAIL 29 MEDIAN ISLANDS PER CALTRANS STANDARD PLAN A20B.

[9] INSTALL DETAIL 37B LANE DROP LINE PER CALTRANS STANDARD PLAN A20B.

[10] INSTALL TYPE IV(L) PAVEMENT MARKING ARROW PER CALTRANS STANDARD PLAN A24A.

[11] INSTALL TYPE IV(R) PAVEMENT MARKING ARROW PER CALTRANS STANDARD PLAN A24A.

[12] INSTALL DETAIL 27B STRIPING PER CALTRANS STANDARD PLAN A20B.

[13] INSTALL "STOP" LEGEND PER CALTRANS STANDARD PLAN A24D.

[14] INSTALL "AHEAD" LEGEND PER CALTRANS STANDARD PLAN A24D.

[15] INSTALL NEW RAILROAD LEGEND PER CALTRANS STANDARD PLAN A24B.

[16] RELOCATE SIGN(S) ONTO NEW STREET POST. SIGN TYPE PER PLAN.

[18] INSTALL NEW SIGN(S) AND POST. SIGN TYPE PER PLAN.

[23] INSTALL 4" WHITE STRIPING LINE AT 45 DEGREES, SPACED 35' O/C.

Figure 2B
Pennsylvania Avenue Widening 95% Conceptual Design Plan Continued

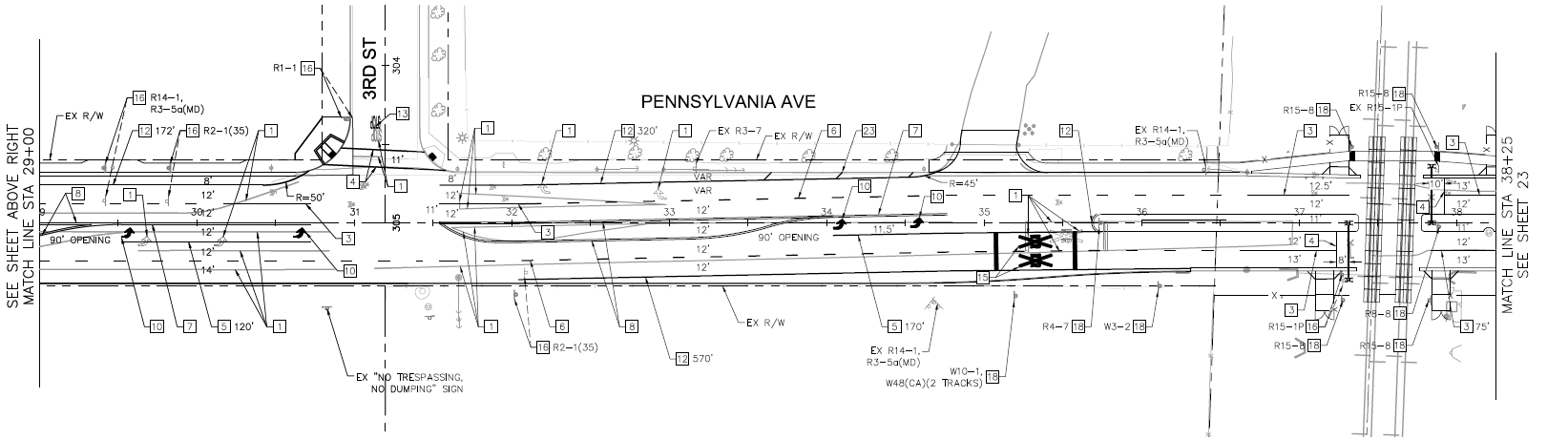


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Figure 2C
Pennsylvania Avenue Widening 95% Conceptual Design Plan Continued

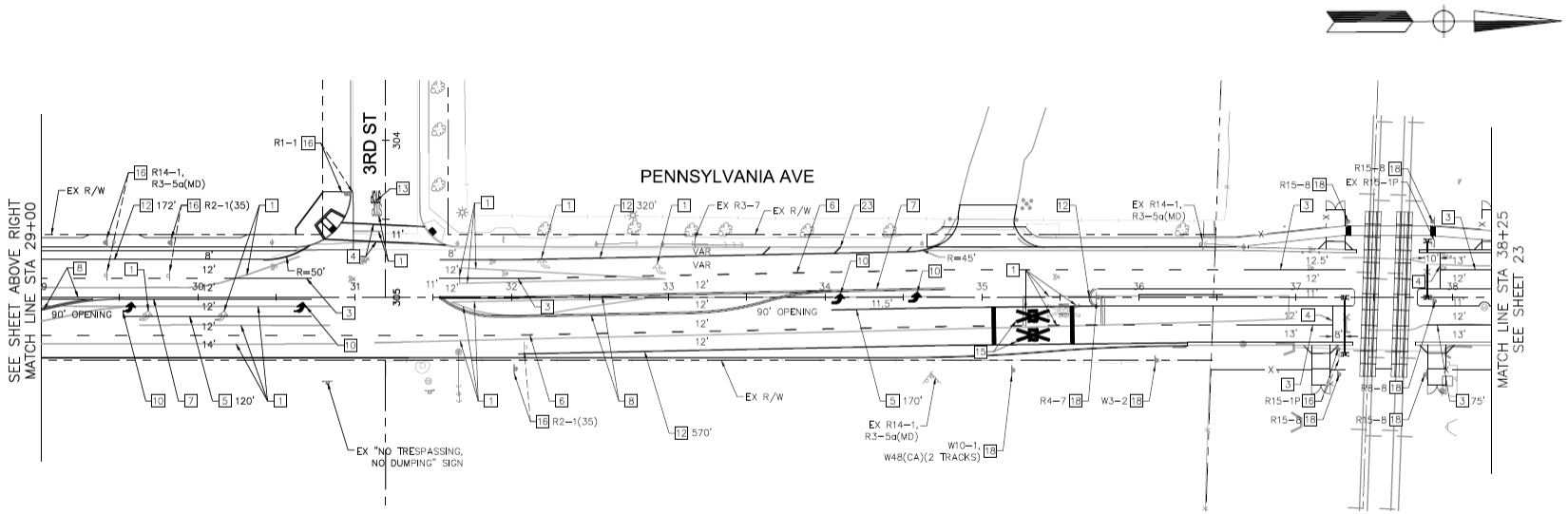

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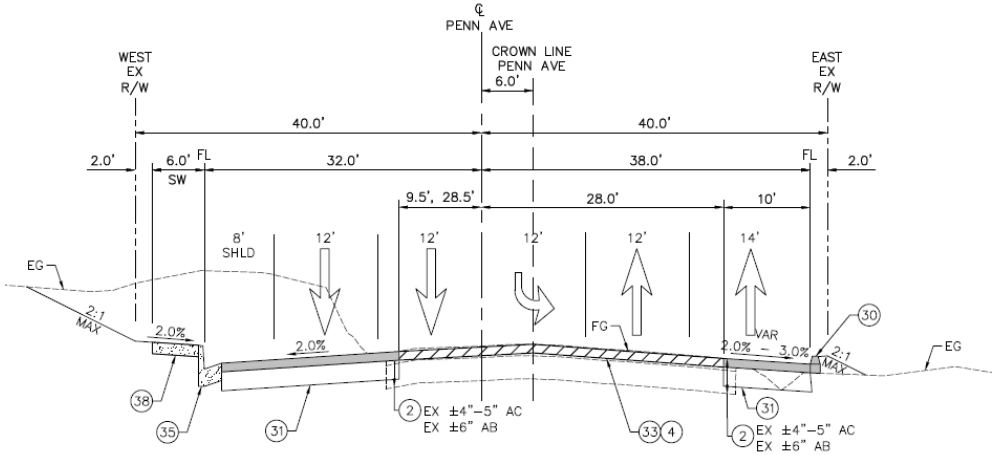
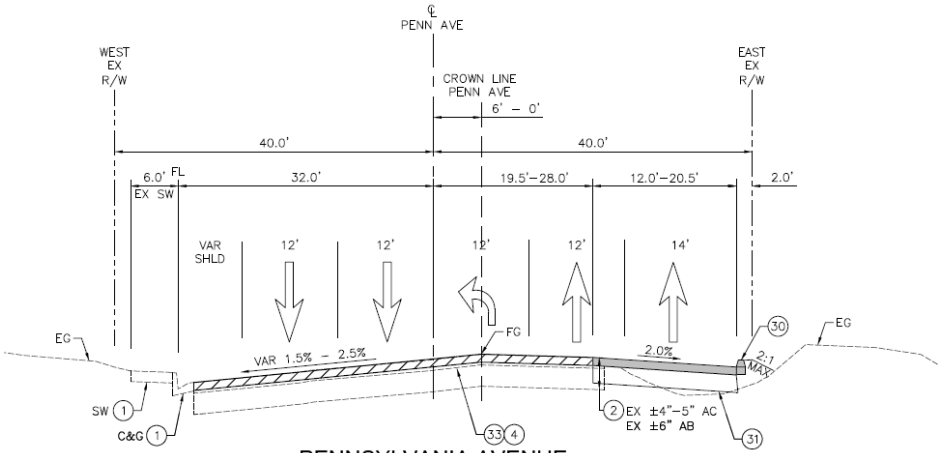
Figure 2D

Pennsylvania Avenue Widening Project 95% Design Cross Sections
1st Street to 6th Street



PENNSYLVANIA AVENUE
STA 20+00 TO STA 31+00



PENNSYLVANIA AVENUE
STA 31+00 TO STA 34+65

CONSTRUCTION NOTES

(1) PROTECT EXISTING IMPROVEMENT IN PLACE.

(2) SAWCUT AND REMOVE EXISTING AC PAVEMENT TO SUBGRADE.

(4) COLDMILL EXISTING AC PAVEMENT (2").

(6) REMOVE EXISTING CURB AND GUTTER.

(18) REMOVE PCC SW.

(30) CONSTRUCT 6" HMA DIKE TYPE A PER CALTRANS STD PLAN A87B.

(31) CONSTRUCT 6" HMA (1/2 INCH TYPE A PG–64–10) OVER 15" CLASS 2 AB OVER COMPACTED SUBGRADE.

(33) CONSTRUCT VARIABLE DEPTH AC OVERLAY (2" MIN).

(35) CONSTRUCT TYPE A–8 CURB AND GUTTER PER COUNTY OF RIVERSIDE STD DETAIL 201.

(36) CONSTRUCT TYPE D (8–INCH) CURB PER COUNTY OF RIVERSIDE STD DETAIL 204.

(38) CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STD DETAIL 401.

(39) CONSTRUCT 2" STAMPED CONCRETE HARDSCAPE OVER COMPACTED SUBGRADE.

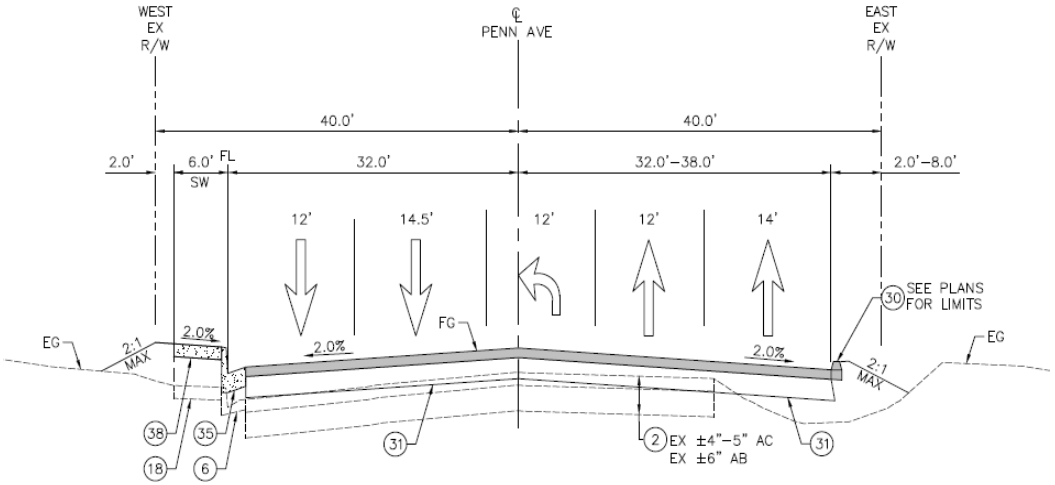
(47) CONSTRUCT CURB AND GUTTER TYPE A2–8 PER CALTRANS STD PLAN A87A.

LEGEND

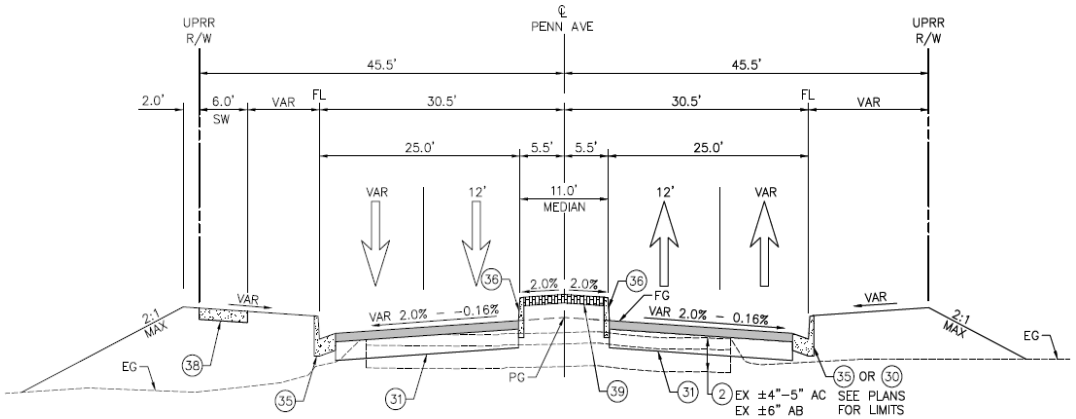
- COLD MILL AND AC OVERLAY
- AC PAVEMENT
- PROPOSED PCC IMPROVEMENTS
- PROPOSED AB

Figure 2E

Pennsylvania Avenue Widening Project 95% Design Cross Sections Continued
1st Street to 6th Street



PENNSYLVANIA AVENUE
STA 34+65 TO STA 35+70



PENNSYLVANIA AVENUE
STA 35+70 TO STA 39+50

CONSTRUCTION NOTES

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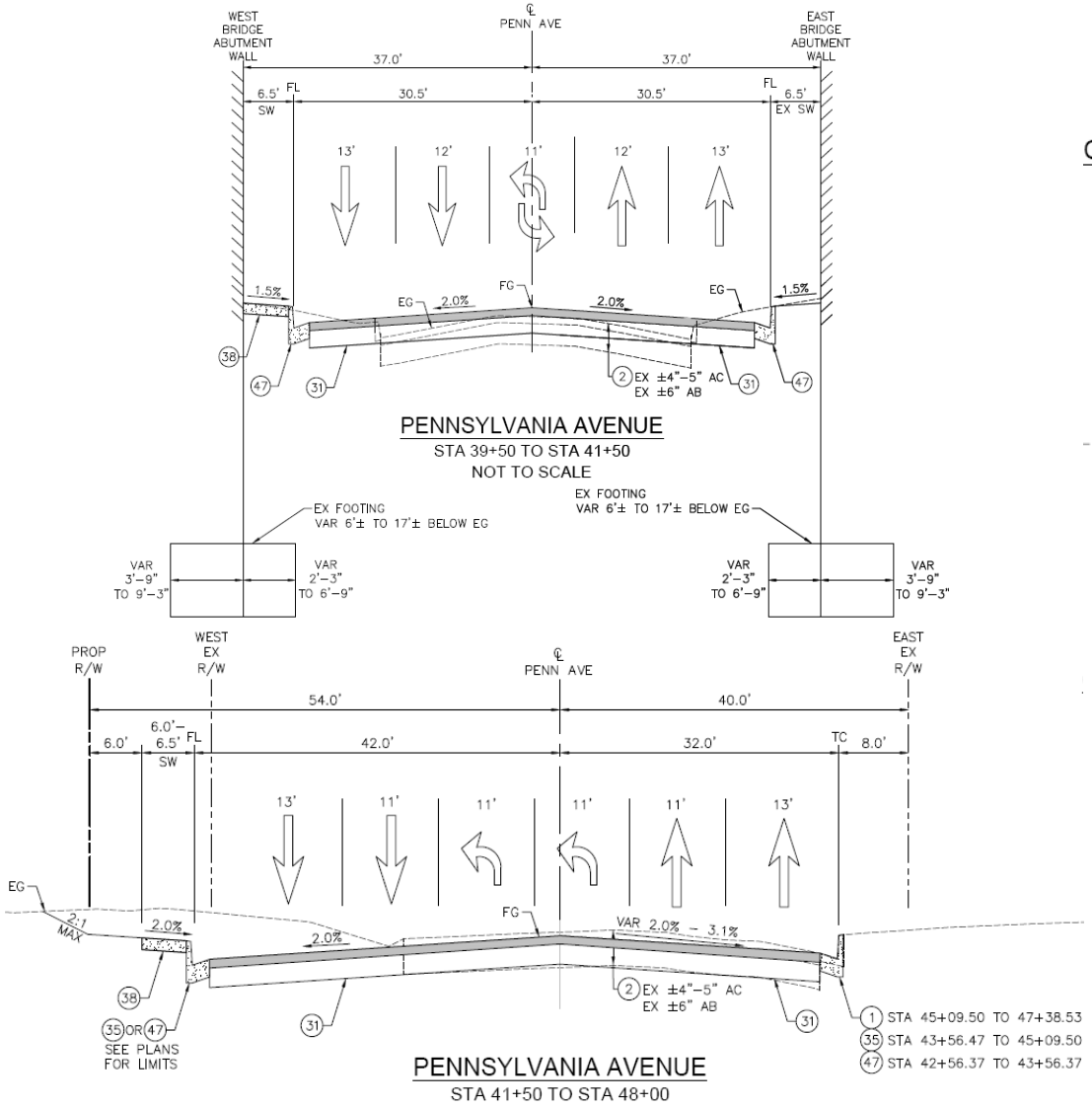
39. CONSTRUCT 2" STAMPED CONCRETE HARDSCAPE OVER COMPACTED SUBGRADE.
47. CONSTRUCT CURB AND GUTTER TYPE A2–8 PER CALTRANS STD PLAN A87A.

LEGEND

- COLD MILL AND AC OVERLAY
- AC PAVEMENT
- PROPOSED PCC IMPROVEMENTS
- PROPOSED AB

Figure 2F

Pennsylvania Avenue Widening Project 95% Design Cross Sections Continued
1st Street to 6th Street



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LEGEND

- COLD MILL AND AC OVERLAY
- AC PAVEMENT
- PROPOSED PCC IMPROVEMENTS
- PROPOSED AB

3.0 Existing Conditions

3.1 Existing Roadway Network

The existing cross-sections on Pennsylvania vary by segment: south of 6th Street, the cross section consists of limited curb and gutter along the commercial frontage on the east side of the street, with the roadway narrowing from 54 feet at 6th Street to 40 feet where it passes underneath the I-10 Freeway deck; south of the I-10 Freeway, the roadway narrows further to 38 feet wide where it crosses the existing at-grade railroad crossing (Union Pacific, "UPRR") located 200 feet from the freeway undercrossing, with no curb and gutter improvements; south of the UPRR rail crossing to 3rd Street, Pennsylvania Avenue widens to 58 feet with curb and gutter on the west side only, alongside a 500-long section of industrial frontage and turning pockets onto 3rd Street; south of 3rd Street to 1st Street, the roadway narrows to 42 feet wide, with a painted median separating the singular northbound and southbound traffic lanes, with no curb and gutter on either side. There are currently no striped bicycle lanes, and on-street parking is not allowed. The posted speed limit is 35 miles per hour. The following intersections have existing intersection traffic controls with Pennsylvania Avenue:

- 6th Street at Pennsylvania Avenue – *4-way Traffic Signalized Intersection*
- I-10 Westbound Off-Ramp at Pennsylvania Avenue – *1-way Stop Controlled Intersection*
- UPRR Railroad At-Grade Crossing at Pennsylvania Avenue – *2-Track Gated Railroad Signal*
- 3rd Street at Pennsylvania Avenue – *1-way Stop Controlled Intersection*
- 1st Street at Pennsylvania Avenue – *4-way Stop Controlled Intersection*

3.2 Roadway Configuration

The proposed project involves the widening of an approximately half-mile section of Pennsylvania Avenue from 6th Street to 1st Street from its current two lanes to four lanes (see ***Figure 3*** – Pennsylvania Avenue Existing Typical Cross Sections and ***Figure 4*** – Study Area, Project Location and Existing Intersection Conditions). To meet the project objectives, the City's design engineer, Kimley-Horn Associates, developed a project design involving some right-of-way acquisition and four basic cross section modifications to the existing roadway, including as currently proposed in ***Table 5*** *on the following page*:

TABLE 5
Proposed Pennsylvania Avenue Widening Cross Sections

Cross-Section/ Station	Roadside		Roadway					Roadside	
	West Side		Southbound Lanes		Center Lane Configuration	Northbound Lanes		East Side	
	Pkwy/Slope	Sidewalk	Shoulder	Thru		Thru	Shoulder	Sidewalk	Pkwy/Slope
A	**100' Right-of-Way (ROW) - 1st Street to 350' north of 3rd Street**								
20+50 to 35+00	12'		32'		12' Striped Median + NB/SB Left	32'		12'	
	6'	6'	8'	12' + 12'		12' + 12'	8'	-	12'
B	**91' Right-of-Way (ROW) - Railroad At-Grade Crossing**								
37+50 to 39+50	15'		25'		11' Raised Median	25'		15'	
	9'	6'	-	13' + 12'		12' + 13'	-	6'	9'
C	**74' Right-of-Way (ROW) - I-10 Freeway Undercrossing**								
38+50 to 41+00	6.5'		25'		11' SB Left Turn Pocket	25'		6.5'	
	-	6.5'	-	13' + 12'		12' + 13'	-	-	6.5'
D	**100' Right-of-Way (ROW) - I-10 Westbound Off-Ramp to 6th Street**								
43+00 to 47+50	12'		32'		22' (11' + 11') Dual Left Turn Pockets	32'		6'	
	6'	6'	6'	12' + 12'		12' + 12'	6'	6'	-

Figure 3
Pennsylvania Avenue Existing Typical Cross Sections

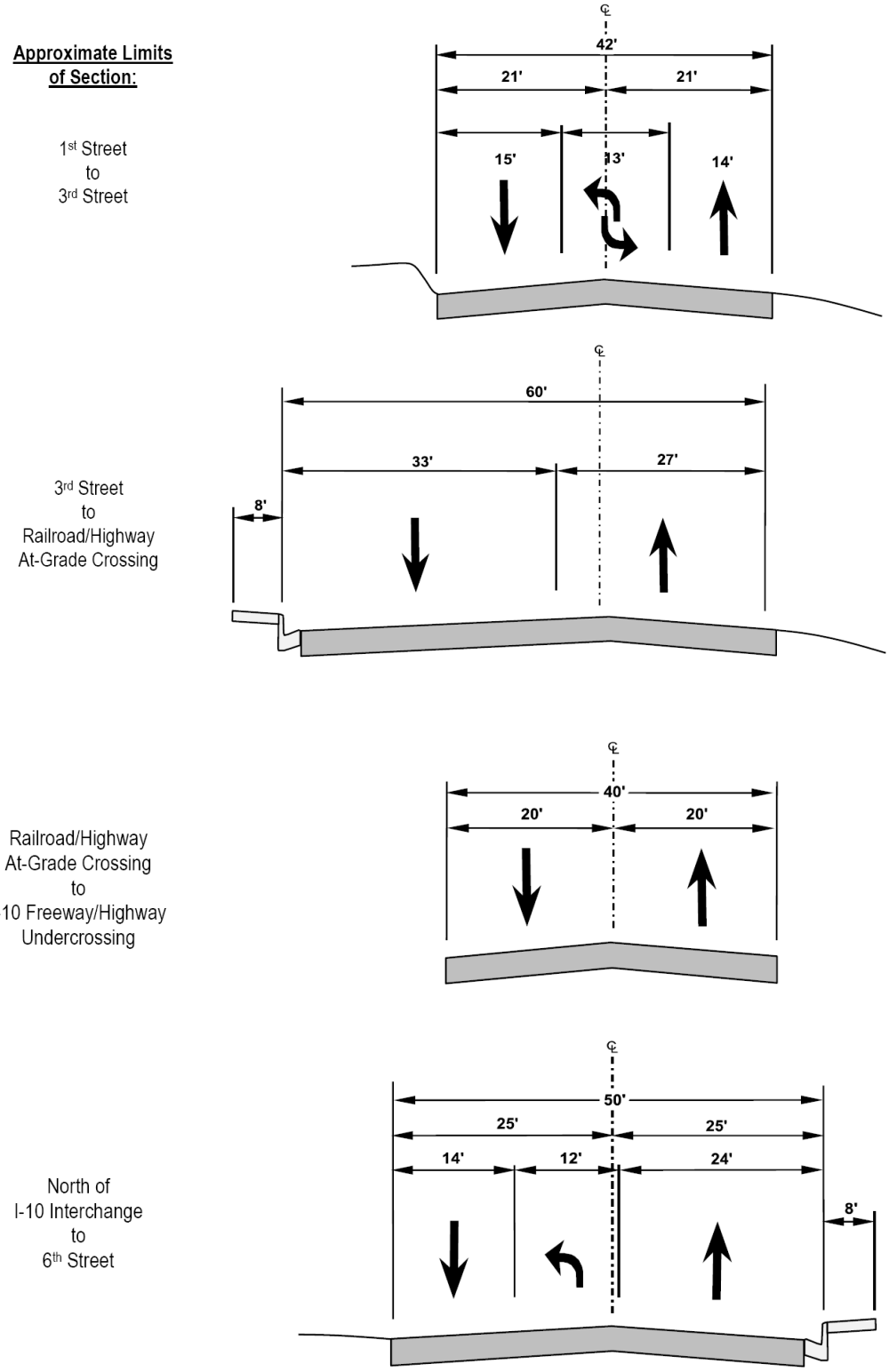
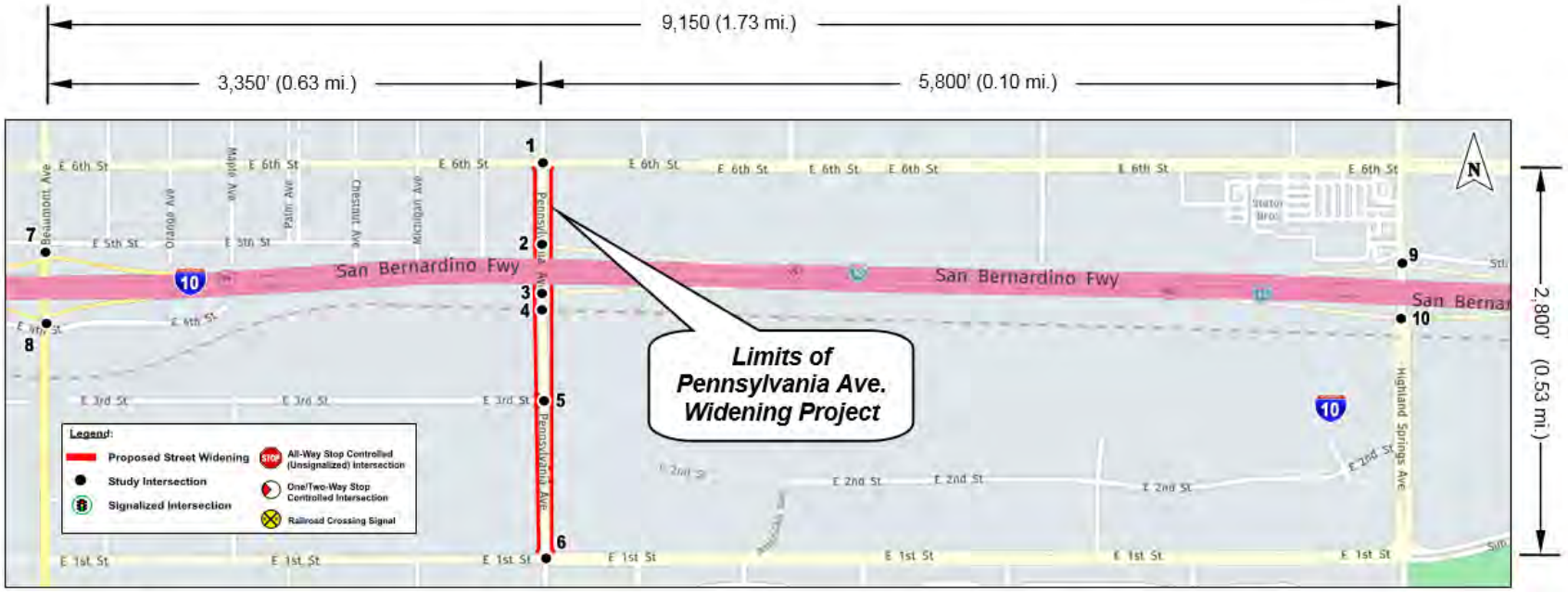
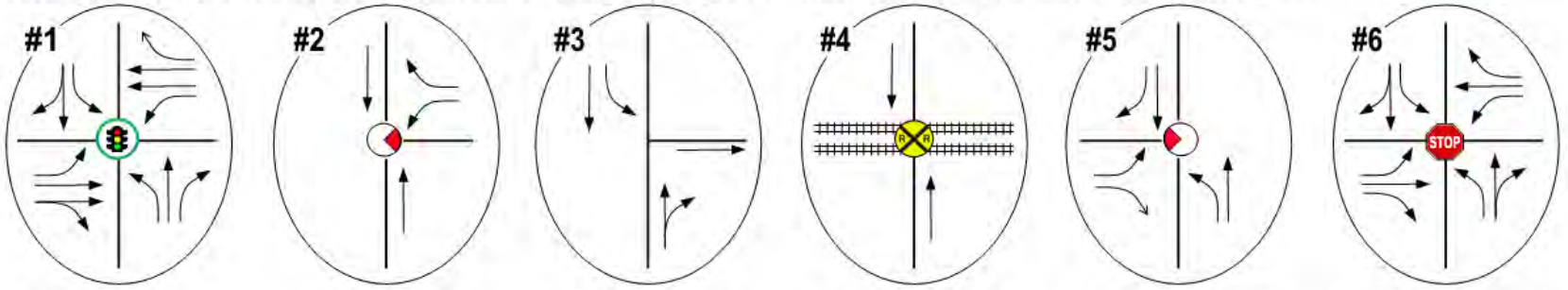


Figure 4
Study Area, Project Location and Existing Intersection Condition



Existing Lane Geometries and Traffic Controls: ***Key Intersections along Pennsylvania Avenue between 6th Street and 1st Street***



Pennsylvania Ave. at 6th Street | Pennsylvania Ave. at I-10 Westbound Off-Ramp | Pennsylvania Ave. at I-10 Eastbound On-Ramp | Pennsylvania Ave. at U.P. Railroad Crossing | Pennsylvania Ave. at 3rd Street | Pennsylvania Ave. at 1st Street

3.3 Existing Project Area Conditions

A summary of the existing operating and field conditions for the Project itself is provided in this section, including the relevant supporting traffic data.

Pennsylvania Avenue interchange is located 1.5 miles east of the I-10/SR-60 confluence; 0.63 miles to the east of Beaumont Avenue; and 1.1 miles west of Highland Springs Avenue which forms the boundary line between the Cities of Beaumont and Banning. Regional access to the study area is provided via Interstate 10 (I-10), an east-west freeway that runs through Riverside County from San Bernardino County on the west to the California-Arizona state boundary line, far to the east.

3.4 Existing Facilities

3.4.1 Existing Transit Facilities

As of this Environmental Impact Report and the foreseeable future until COVID-19 restrictions lift, the existing transit facilities have been limited to the following transit routes:

- Casino Express
- Commuter Link 120/125 Combo
- Route 3/4

However, based on the route maps provided by the City of Beaumont's Transit Department, none of the routes utilize the Pennsylvania Avenue corridor and would therefore be unaffected by the Project.

Once the restrictions have listed, in accordance with the City's Transit Priority Network in the City of Beaumont's Draft General Plan Update, the Project Site is classified as Transit Priority and would therefore be the primary access road for the potential transit station as well as providing a transit route for the southern residential areas to the central commercial and northern residential areas. See ***Figure 5*** – Transit Priority Network.

3.4.2 Existing Bike and Pedestrian Facilities

The existing bicycle and pedestrian facilities on the Pennsylvania Avenue Corridor consist of partially developed pedestrian sidewalks and no striped bicycle lanes. The pedestrian facilities consist of a 500 foot strip of paved sidewalk on the west side only of Pennsylvania Avenue. The paved sidewalk runs from the intersection of Pennsylvania Avenue and 3rd Street north to the UPRR Railroad tracks.

In accordance with the General Plan Draft Update, the Pennsylvania Avenue corridor from 1st Street to 6th Street has been designated as bicycle and pedestrian priority facility. The widening

Project design plans are to reflect this prioritization by constructing a complete pedestrian sidewalk on the west side of the Pennsylvania Avenue Corridor as well as on the east side where possible. See ***Figure 6*** – Bicycle and Pedestrian Priority Facilities.

3.4.3 Existing Golf Cart Facilities

In addition to transit, pedestrian, and bicycle facilities, the City of Beaumont also permits the usage of golf carts and provides the Golf Cart Transportation plan within its General Plan Update. The provided map on ***Figure 7*** shows that the Project would not affect any of the existing golf cart facilities.

Figure 5

City of Beaumont's Transit Priority Network

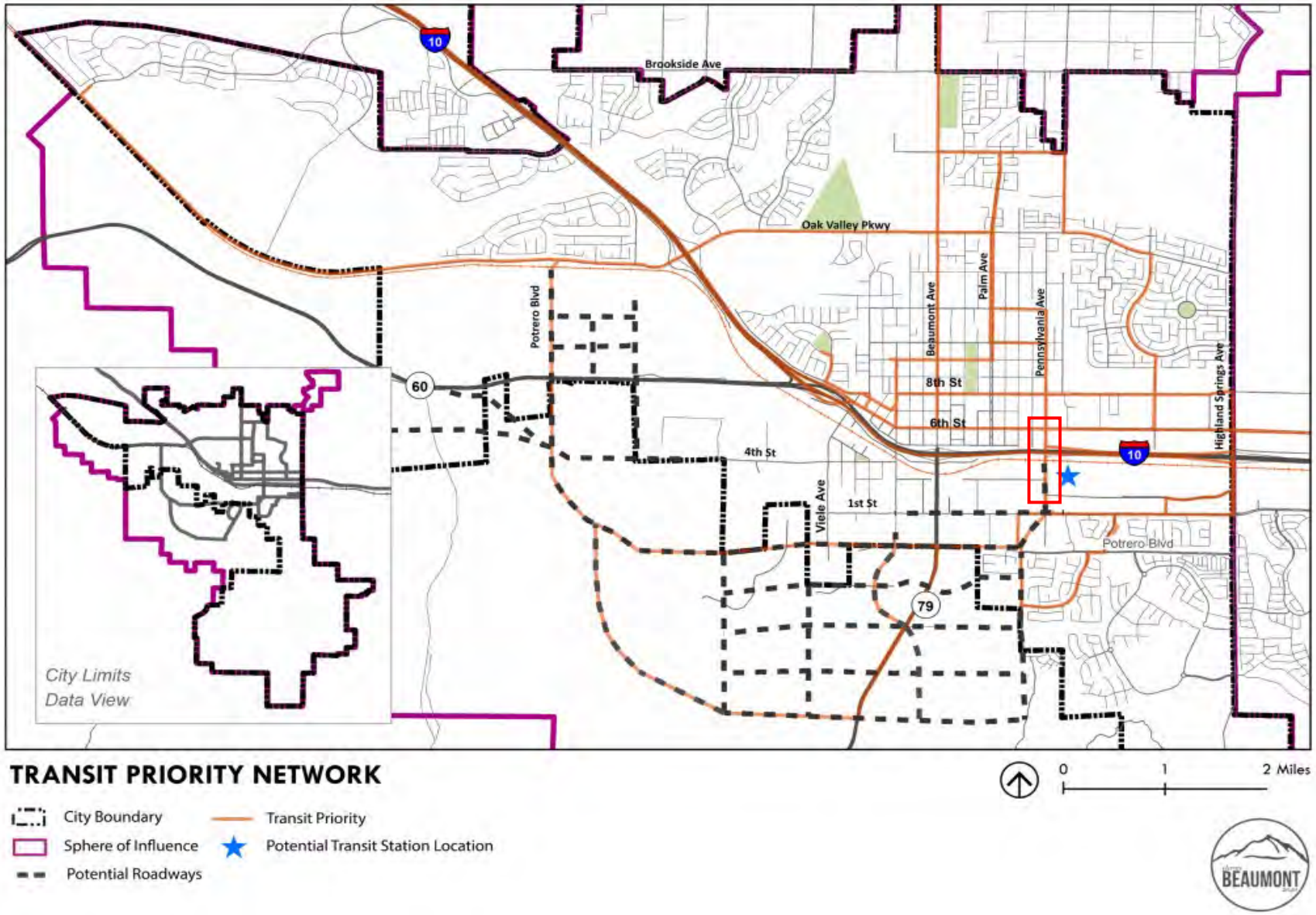


Figure 6

City of Beaumont's Bicycle and Pedestrian Priority Network

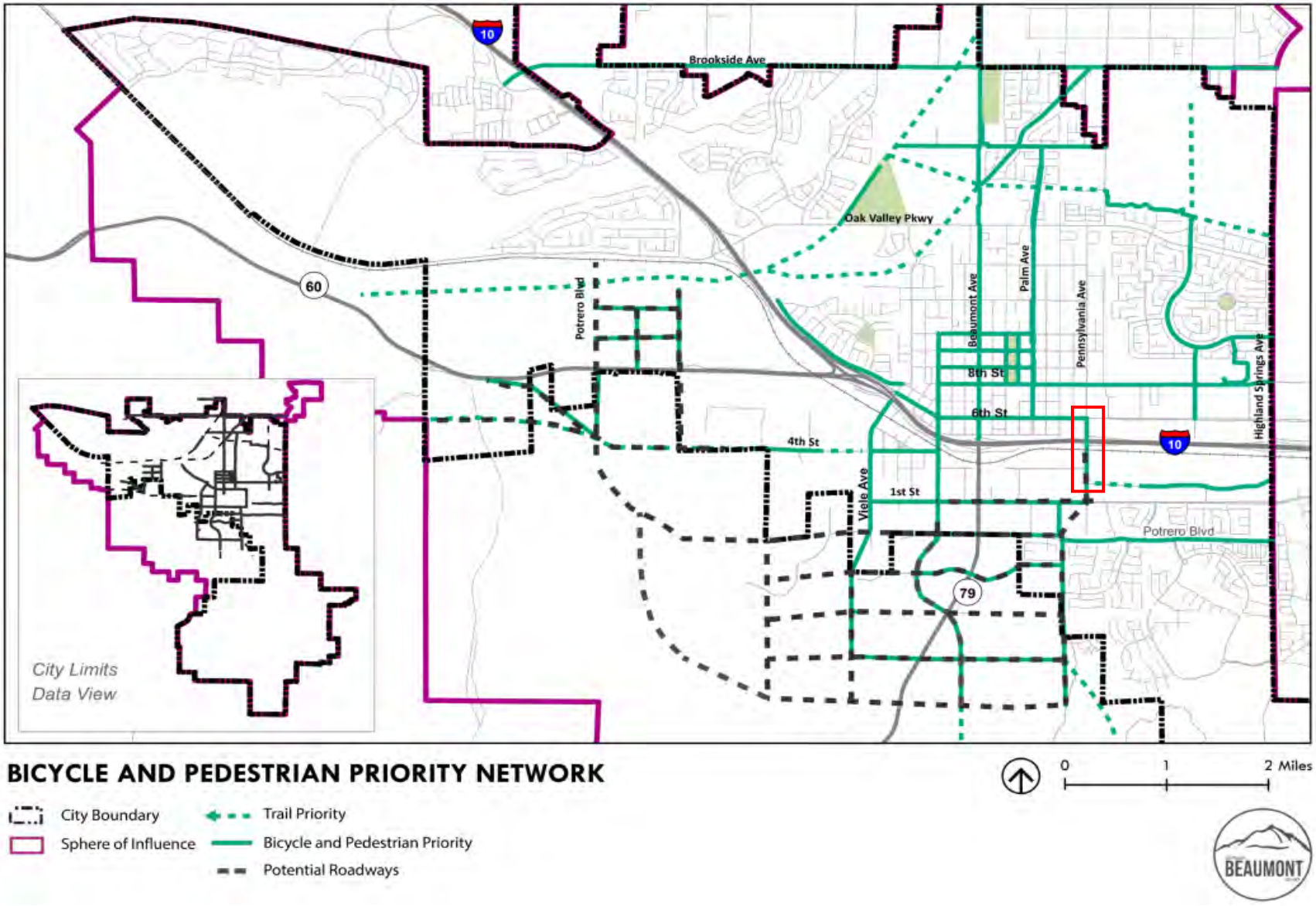
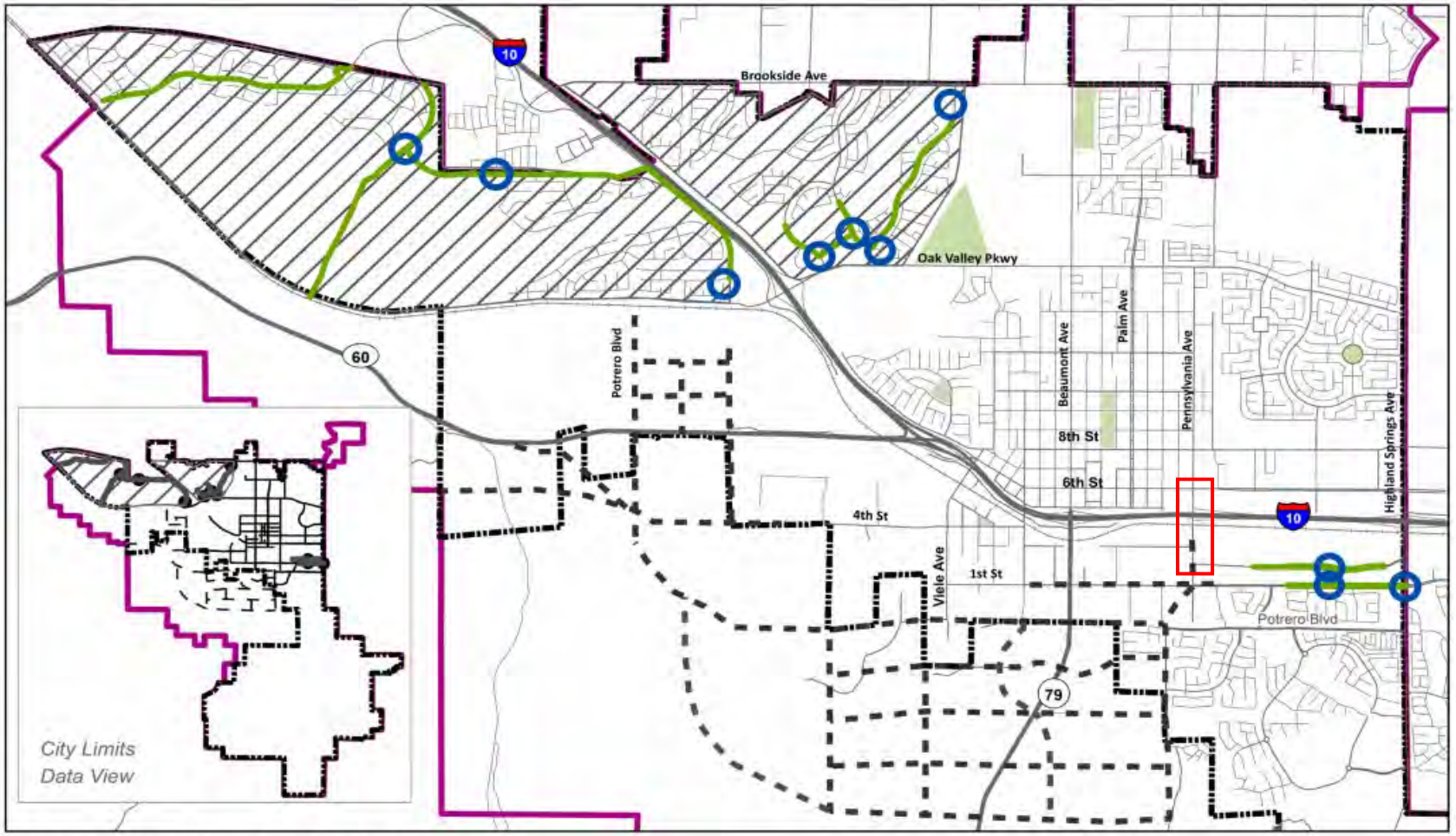


Figure 7

City of Beaumont's Golf Cart Transportation Plan



6.0 Safety and Operation Improvement Analysis

As this Project is considered a roadway improvement project that is growth accommodating, not growth inducing. Additionally, the design of the proposed widened roadway will increase safety and traffic mobility within this corridor by accommodating a similar amount of traffic to that which presently exists, with more space for traffic flow because this Project will effectively double the number of lanes that currently exist on Pennsylvania Avenue.

7.0 Active Transportation and Public Transit Analysis

As mentioned previously, the Project involved improving active transportation by promoting the usage of pedestrian facilities through constructing a paved sidewalk to the west of Pennsylvania Avenue. Additionally, under non-COVID-19 restrictions, Pennsylvania Avenue is utilized for bus routes connecting the southern residential areas to central and northern Beaumont as well as a potential bus station. Through the lane widening, the travel time for the routes along Pennsylvania Avenue will decrease, promoting an increase in transit ridership.

Section 2: CEQA Transportation (VMT) Screening

8.0 Methodology and Impact Thresholds

With the passing of Senate Bill 743 (SB 743), amendments made to the California Environmental Quality Act (CEQA) requires cities to utilize measures of Vehicle Miles Travelled (VMT) to reduce Greenhouse Gas (GHG) emissions to support the reduction goals passed in the California Global Warming Solutions Act of 2006 (AB 32). In order to provide intermediate goals, which would ensure the State is maintain its path for the final goal set in AB 32 for 2050, Senate Bill 375 was passed, which required GHG emissions to be reduced to 1990 levels by 2020. Additionally, the responsibility overseeing the progress of the State in obtaining the goals in SB 372 was assigned to California Air Resources Board (CARB).

Most recently, as strategy for reducing GHG emissions, Senate Bill 743 was passed in September 27, 2013. Within SB 743, the creation of the methodology for reducing the Greenhouse gases (VMT Analyses) would be assigned to the Governor's Office of Planning and Research (OPR). Leading up to the passing of SB 743 and upcoming changes to Traffic Impact Analysis methodology, additional Executive Orders (EO) and State Bills were passed as part of strategies to reduce GHG emissions.

8.1 Screening Criteria

Per the OPR guidelines, the screening criteria for transportation is based off of the type of roadway improvement. Once the initial screening criteria is performed, additional consideration is taken regarding whether the project will reduce route trips, promote greater vehicular travel, etc. For example, with the construction of an entirely new roadway, per the screening criteria, it would be considered a project that would have a significant impact on VMT and the induced VMT would need to be calculated. However, in the scenario that the new roadway provides a shorter route alternative, VMT would be decreasing as vehicles travel a shorter distance and the project would have a less-than-significant impact.

For the initial screening criteria, transit and active transportation projects promoting alternative modes of travel and/or carpooling tends to reduce VMT and would not be required to perform a VMT analysis as they are presumed to have a less-than-significant impact. Other examples of projects with a less-than-significant VMT impact as listed below:

- Grade Separation to separate vehicles from trail, transit, pedestrians, or bicycles
- Rehabilitation, maintenance, replacement, and safety project to improve condition of existing transportation infrastructure
- Roadside Safety Devices
- Roadway Shoulder Enhancements

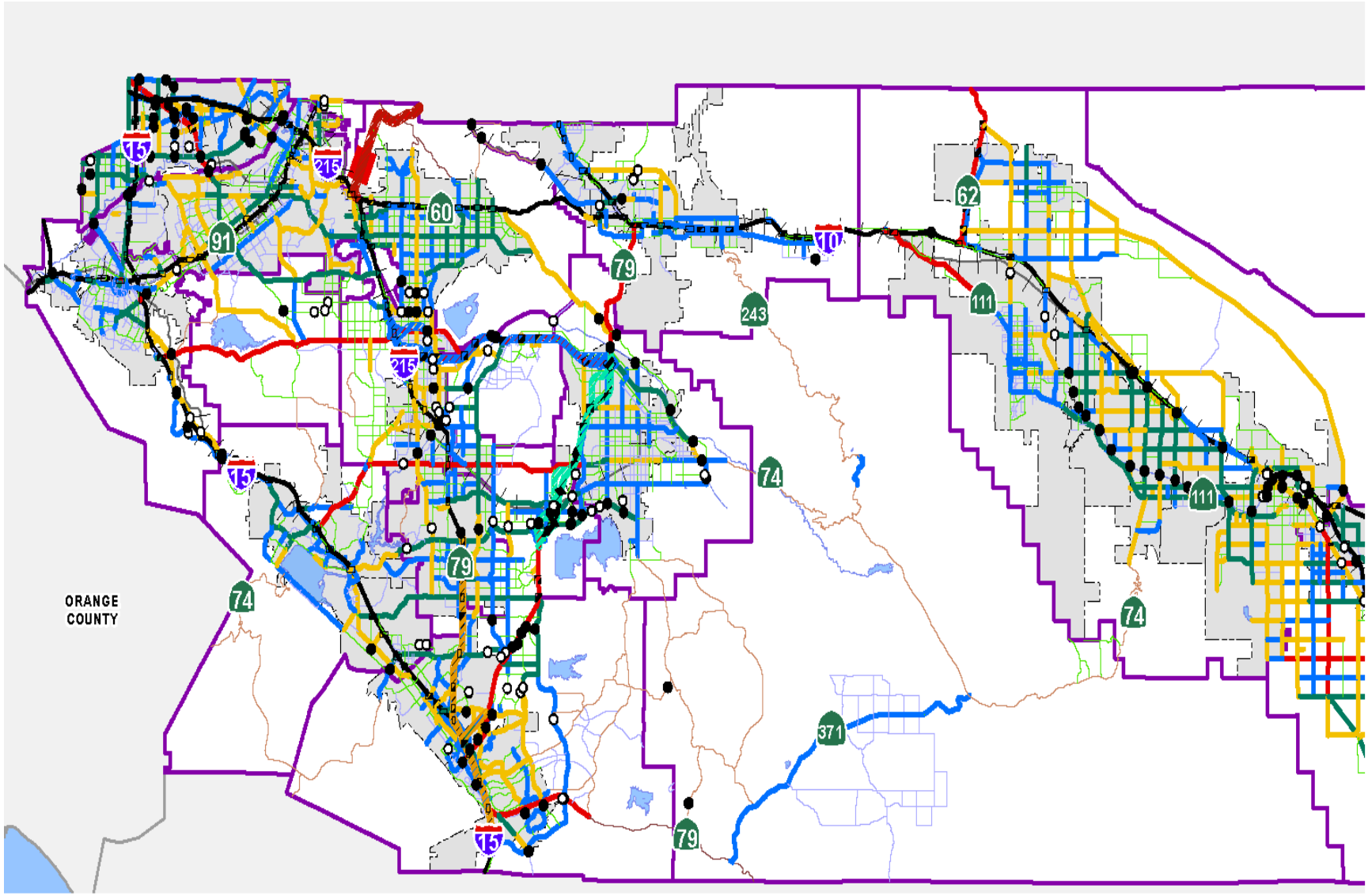
Based upon the City of Beaumont's SB743 VMT Thresholds for CEQA Compliance Related to Transportation Analysis ratified by the City Council on June 16, 2020, if a project is consistent with the RTP/SCS , then the project should not require additional analysis for VMT. The subject project is also a part of SCAG's RTP/SCS RTPID#2016A319: Grade Separation Under

Crossing at Pennsylvania Ave and UPRR, including Widening, Sidewalk Improvements and Traffic Signalization

8.2 Conclusions

As the Pennsylvania Avenue Corridor involved in the Project has been included in Riverside County's Circulation Element of the General Plan and classified as an major highway in accordance with the classification of the Project roadway upon completion, the Air Quality Element which ensures that developments within the County reduce Greenhouse Gas (GHG) emissions overall. The subject project is also a part of SCAG's RTP/SCS RTPID#2016A319: Grade Separation Under Crossing at Pennsylvania Ave and UPRR, including Widening, Sidewalk Improvements and Traffic Signalization. Therefore based upon the City of Beaumont's SB743 VMT Thresholds for CEQA Compliance Related to Transportation Analysis ratified by the City Council on June 16, 2020, **the 0.51-mile widening project is screened out of further VMT analysis.** It should be noted that the project improve and enhance pedestrian facilities and improve traffic operations not only at Pennsylvania interchange but also at the two nearby Beaumont Ave interchange (to the west) and Highland Springs (to the east) interchange and it will also enhance pedestrian facilities along the corridor.

Figure 8
Riverside County General Plan Circulation Map



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Publication(s): The Press-Enterprise

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Ad Desc.: /

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07/09/2021

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Date: July 09, 2021
At: Riverside, California

Legal Advertising Representative, The Press-Enterprise

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Item 8.

CITY OF BEAUMONT
PUBLIC HEARING NOTICE

NOTICE IS HEREBY GIVEN, on July 20, 2021, at approximately 6:00 p.m. at the City of Beaumont City Council, in City Council Chambers at City of Beaumont Civic Center, 550 E 6th Street, Beaumont, CA 92223, the Council will consider the following matters:

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BEAUMONT, CALIFORNIA AMENDING TABLE 17.03-3 "PERMITTED USES IN BASE ZONE DISTRICTS" AND AMENDING CHAPTER 17.14.030 "DEFINITIONS" OF THE BEAUMONT MUNICIPAL CODE

The purpose and intent of these amendments are to ensure consistency with Chapter 17.11.150 regulating storage facilities including moving and storage establishments, automobile parking facilities (including recreational vehicles), truck stops and terminals and building storage yards.

The case file, plans, and all supporting documentation for the project can be reviewed at the Beaumont Civic Center, 550 East Sixth Street, Beaumont, California.

and

PENNSYLVANIA AVENUE WIDENING PROJECT and the intent to adopt a Mitigated Negative Declaration for a project that proposes to widen and add two additional lanes to Pennsylvania Avenue, between 1st Street and 6th Street, consistent with the City of Beaumont General Plan Roadway Classification. Improvements would be within existing right-of-way except for areas requiring easements for stormwater infrastructure and temporary construction easements for property frontage improvements and minor utility relocations. Improvements to the existing Union Pacific Railroad (UPRR) at-grade crossing and I-10 Freeway ramp terminals within Caltrans right-of-way would be made. Pedestrian access with a new sidewalk would be provided for the length of the Project on the west side and impacted intersections would be brought up to current Americans with Disabilities Act (ADA) standards. Construction would occur in three estimated phases: storm drain and utility relocations and widening to the north and south of the UPRR tracks (4 months); temporary closure of the at-grade UPRR crossing to construct improvements (1 month); construction within the center of the roadway north of the tracks and final paving (3 months).

The Initial Study/Mitigated Negative Declaration (IS/MND) is now available for public review at the City of Beaumont, Planning Department, 550 East 6th Street, Beaumont, California 92223. The document can also be accessed online at https://www.beaumontca.gov/1125/Planning-Projects.

Public comments can be made in person with adherence to the current COVID-19 safety protocols, using the public comment phone line or by written email. Phone-in comments will be accepted by calling the designated public comment phone line (951) 922-4845 prior to the corresponding item. Public comments shall not exceed three minutes unless otherwise authorized by City Council. Written comments can be emailed to NicoleW@BeaumontCa.gov Public comments accepted via email will be read aloud during the corresponding item of the meeting. Comments can be submitted any time prior to the meeting as well as during the meeting until the end of the corresponding item.

This meeting will be conducted utilizing teleconference communications and will be recorded for live streaming. All City of Beaumont public meetings will be made available via live streaming and made available on the City's official YouTube webpage. Please use the following link during the meeting for live stream access: BeaumontCa.gov/Livestream

Dated: June 29, 2021

Christina Taylor
Community Development Director

Press-Enterprise: 7/09

RailPAC
Rail Passenger Association
of California and Nevada

P.O. Box 22344
San Francisco CA 94122

www.railpac.org

Carole Kendrick
City of Beaumont
550 E. 6th Street
Beaumont, CA 92544
ckendrick@beaumontca.gov

August 8, 2021

Re: Pennsylvania Avenue Widening Mitigated Negative Declaration (SCH #2021070147)

Dear Ms. Kendrick,

This letter is in response to the Initial Study and Mitigated Negative Declaration (IS/MND) for the Pennsylvania Avenue Widening ("Project") which is proposed by the City of Beaumont. The focus of this letter is the work that would be done at the grade crossing of the Union Pacific tracks. Given that the proposed Project would reconstruct that grade crossing, it is imperative that that work be coordinated with other work slated for the same location as part of the Coachella Valley ("CV") Rail project being undertaken by the Riverside County Transportation Commission.

In the Draft Tier I/Program Environmental Impact Statement/Environmental Impact Report for the CV Rail project which was recently made available for public comment, it was stated that one of the requirements for initiating that service would be to add a third main track in the Union Pacific Yuma Subdivision from Colton to various points in the Coachella Valley (depending on the service scenarios)[1]. As such, all options for that additional third track would pass through the same grade crossing that is slated to be reconstructed as part of the Project under discussion here.

Historical imagery on Google Streetview shows that up until around 2015, the grade crossing included three tracks. After that point and into the present, it has since been reduced to only two. While the City of Beaumont is not carrying out the CV Rail project, given that the third track is needed for the implementation of the CV Rail project, it is highly desirable for the widening Project to be coordinated with RCTC to maximize public benefits of the planned improvements and minimize disruptions to the community. This would ideally mean returning the third track at the grade crossing in its entirety as part of the work done to the grade crossing for the Project, but at the very least, it should be designed and built to require minimal work to add the third track in the future. Additionally, the opportunity should be taken to implement a quiet zone at this grade crossing as part of the Project.

Sincerely,
Marven Norman and Brian Yanity
Rail Passenger Association of California and Nevada (RailPAC)

CC:
Sheldon Peterson, Riverside County Transportation Commission
Andrew Cook, Caltrans Division of Rail and Mass Transportation
Amanda Ciampolillo, Federal Railroad Administration

[1] RCTC, FRA, Caltrans (2021). Tier I/Program Draft Environmental Impact Statement/Environmental Impact Report. Retrieved from https://files.ceqanet.opr.ca.gov/193526-2/attachment/vKzdWSGIgYKJOClV6EBbsuBdDknhE8twR1mqEaUVLQ-yFJqAAMcgublpJjr1jEWCueU3spA9VqjhbRHI0.

Staff Report

TO: City Council

FROM: Christina Taylor, Community Development Director

DATE August 17, 2021

SUBJECT: **Public Hearing and Consideration of an Ordinance Amending the Municipal Code Adding Chapter 17.20 "No Net Loss Program" to Ensure Residential Capacity Pursuant to the Provisions of SB330**

Background and Analysis:

On October 9, 2019, the California Legislature adopted Senate Bill 330 (SB330) which declared a housing crisis in the State of California and imposed certain requirements designed to streamline the construction of new housing. The bill was also aimed at preventing the loss of existing housing and land available for future residential use unless replaced in other areas of the affected jurisdiction to ensure no net loss in residential capacity. SB330 became effective on January 1, 2020.

In compliance with SB330, City staff has prepared an amendment to the municipal code, adding Chapter 17.20 "No Net Loss Program" for SB330. The provisions of Chapter 17.20 ensure that rezoning actions do not result in a net loss of residential capacity within the City of Beaumont. The proposed program creates a mechanism by which the City can approve a less intensive non-residential use and concurrently make available the residential capacity that would otherwise be lost through the proposed density bonus specified in the program. The City's Planning Department will publish the number of available units on the City's website. The proposed Density Bonus Program will allow for developers of land currently zoned Traditional Neighborhood (TN), Residential Multiple-Family (MFR), Downtown Residential Multi-Family (DMF), Sixth Street Mixed Use Residential (SSMU-R) and Transit Oriented Development Overlay (TOD) to request a density bonus subject to the number of units available. In the Residential Traditional Neighborhood (RTN) zone a bonus of up to 10% may be requested. In In the Residential Multiple-Family (MFR), Downtown Residential Multi-Family (DMF), Sixth Street Mixed Use Residential (SSMU-R) or Transit Oriented Development Overlay (TOD) zones a bonus of up to 20% may be requested. If no units are available a density bonus pursuant to this provision may not be requested.

Applications considered through the “No Net Loss Program” shall be considered by the Planning Commission for a recommendation to City Council for final consideration.

The proposed municipal code amendment would establish density bonus provisions to provide that, concurrent with the approval of any change in zone from a residential use to a less intensive or non-residential use, a density bonus would become available to project applicants subsequently seeking to develop property for residential uses within the City. In doing so, the proposed Section 17.20 will ensure that there is no net loss of residential capacity within the City, as required by SB330. This municipal code amendment would create a “No Net Loss Program” available to developers of multi-family residential housing dwelling units in the above referenced zones.

Fiscal Impact:

The cost to research the staff report and supporting documents is approximately $1,250.

Recommended Action:

Hold a Public Hearing, and
Waive the first full reading and adopt by title only “An Ordinance of the City Council of the City of Beaumont Amending the Municipal Code to Add Chapter 17.20 Establishing a No Net Loss Program for Residential Capacity Pursuant to the Provisions of SB330.”

Attachments:

A. Ordinance
B. Municipal Code Chapter 17.20
C. SB330

ORDINANCE NO.

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BEAUMONT, CALIFORNIA, AMENDING THE MUNICIPAL CODE TO ADD CHAPTER 17.20 ESTABLISHING A NO NET LOSS PROGRAM FOR RESIDENTIAL CAPACITY PURSUANT TO THE PROVISIONS OF SB330.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BEAUMONT, RIVERSIDE COUNTY, STATE OF CALIFORNIA AS FOLLOWS:

SECTION 1. CEQA. The City Council hereby finds and determines that pursuant to Section 15378 of the California Environmental Quality Act, the proposed amendments to the Municipal Code are procedural in nature and would not involve any change to land use or development standards, thus there is no potential for these Municipal Code changes to either directly or indirectly result in a physical impact on the environment. Therefore, the proposed amendments are not a project under the California Environmental Quality Act.

SECTION 2. SEVERABILITY: The City Council hereby declares that if any provision, section, paragraph, sentence, or word of this Ordinance is rendered or declared to be invalid or unconstitutional by any final court action in a court of competent jurisdiction, or by reason of any preemptive legislation, such invalidity shall not affect the other provisions, sections, paragraphs, sentences, or words of this Ordinance, and to this end the provisions of this Ordinance are severable. The City Council declares that it would have adopted this Ordinance irrespective of the invalidity of any particular portion thereof and intends that the invalid portions should be severed, and the balance of the Ordinance enforced.

SECTION 3. FINDINGS: On October 9, 2019, the California Legislature adopted Senate Bill 330 (SB330) which, among other things, adopted Government Code Section 66300, declared a housing crisis in the State of California and imposed certain requirements designed to streamline the construction of new housing, and prevent the loss of existing housing and land available for future residential use, unless replaced in other areas of the affected jurisdiction to ensure no net loss in residential capacity. SB330 became effective on January 1, 2020; and

In pertinent part, Government Code section 66300(h)(2)(i)(1) provides as follows:

> "This section does not prohibit an affected … city from changing a land use designation or zoning ordinance to a less intensive use if the city … concurrently changes the development standards, policies, and conditions applicable to other parcels within the

jurisdiction to ensure that there is no net loss in residential capacity."

The City desires to adopt this Ordinance in order to ensure its compliance with SB330 and to accomplish this goal and ensure compliance with SB330, the City desires to amend Chapter 17 Zoning Code to add Section 17.20 and establish a no Net Loss Program for certain residential projects; and

The proposed Chapter 17.20 will provide that, concurrent with the approval of any change in zone from a residential use to a less intensive or non-residential use, a density bonus will become available to project applicants subsequently seeking to develop property for residential use within the City. In doing so, the proposed Section will ensure that there is no net loss of residential capacity within the City as required by SB330; and

Pursuant to Section 15378 of the California Environmental Quality Act, a 'Project' means the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment. A project does not include organizational or administrative activities of governments that will not result in direct or indirect physical changes in the environment and the proposed amendments are therefore not a project under the California Environmental Quality Act.

SECTION 4. PURPOSE: The purpose of this Ordinance is to maintain City's compliance with SB330 and ensure the concurrent replacement of housing capacity which may be decreased by projects requesting rezoning of residential properties.

SECTION 5. AUTHORITY: This Ordinance is adopted pursuant to the authority granted by Article 11, Section 7 of the Constitution of the State of California and California Government Code Section 37100. The Ordinance is not intended to be duplicative of state law or be preempted by state legislation.

SECTION 6. MUNICIPAL CODE AMENDED: The City Council hereby amends Title 17, to include Chapter 17.20 entitled “No Net Loss Program” to the City of Beaumont Municipal Code to read as specifically set forth in Exhibit “A”, which Exhibit is attached hereto and made a part hereof.

SECTION 7. EFFECTIVE DATE: The Mayor shall sign and the City Clerk shall certify to the passage of this Ordinance and cause the same or a summary thereof to be published within 15 days after adoption in accordance with Government Code Section 36933. This Ordinance shall take effect 30 days after adoption in accordance with Government Code Section 36937.

NOW, THEREFORE, BE IT ORDAINED the City Council of the City of Beaumont, California, approves an amendment to the City Code.

INTRODUCED AND READ for the first time and ordered posted at a regular meeting of the City Council of the City of Beaumont, California, held on the 17th day of August 2021, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

PASSED, APPROVED AND ADOPTED at a regular meeting of the City Council of the City of Beaumont, California, held on the 7th day of September 2021.

AYES:

NOES:

ABSENT:

ABSTAIN:

_____
Mike Lara, Mayor

Attest:

_____
Nicole Wheelwright, Deputy City Clerk

Approved as to form:

_____
John O. Pinkney, City Attorney

Chapter 17.20

No Net Loss Program

Sections:

17.20.010 Purpose and authority.
17.20.020 Definitions.
17.20.030 Requirements.
17.20.040 Types of bonuses and incentives allowed.
17.20.050 Development standards.
17.20.060 Processing of No Net Loss Program density bonus requests.
17.20.070 No Net Loss Program density bonus agreement.
17.20.080 Implementation.
17.20.090 Fee

17.20.010- Purpose and authority

The City desires to ensure its compliance with SB330 and establish a no Net Loss Program for certain residential projects. This Chapter provides, concurrent with the approval of any change in zone from a residential use to a less intensive or non-residential use, a density bonus will become available to project applicants subsequently seeking to develop property for residential use within the City. In doing so, the proposed Section will ensure that there is no net loss of residential capacity within the City as required by SB330.

On October 9, 2019, the California Legislature adopted Senate Bill 330 (SB330) which, among other things, adopted Government Code Section 66300, declared a housing crisis in the State of California and imposed certain requirements designed to streamline the construction of new housing, and prevent the loss of existing housing and land available for future residential use, unless replaced in other areas of the affected jurisdiction to ensure no net loss in residential capacity. SB330 became effective on January 1, 2020.

17.20.020 Definitions.

Except as otherwise expressly set forth herein, the following words and terms as used in this Chapter shall have the following meanings:

Community Development Director means the Community Development Director of the City.

Density Bonus. A density increase of up to those percentages above the otherwise maximum residential density as specified in this Chapter.

Density Bonus Housing Agreement. A legally binding agreement between a developer of a Housing Development and the City containing such terms and conditions as determined by the City Attorney, which ensures that the requirements of this Chapter are satisfied.

Density Bonus Units. Those residential units granted pursuant to the provisions of this Chapter, that exceed the maximum residential density for the development site and that are available in the Unit Bank.

Housing Development. Construction projects consisting of five or more residential units or Lots, including single-family and multifamily, that are proposed to be constructed pursuant to this chapter.

Maximum Residential Density. The maximum number of residential units permitted by the City's General Plan Land Use Element and Zoning Code, applicable to the subject property at the time an application for the construction of a Housing Development is deemed complete by the City, excluding the additional units permitted by this Chapter.

Lot. (1) a Lot when shown as a delineated Lot of land with a number or other designation on a parcel map or tract map and not to be used for the common benefit of other Lots recorded in the Office of the County Recorder of Riverside County and legally created under the Subdivision Map Act ; (2) a Lot of land held under separate ownership from adjacent property that constitutes a legal lot under applicable Law.

Unit Bank. The number of units available to the No Net Loss Program as a result of a change of zone from a residential use to a less intensive residential use or a non-residential use. The Community Development Director, or his or her designee, shall have the sole authority to administer and maintain the Unit Bank balances, credits and availability as he or she determines, which determination shall be final.

10.20.030 – Requirements.

The City shall grant a density bonus through the No Net Loss Program to projects which meet the following criteria:

A. The project is on a parcel of at least one acre, *or* the applicant is processing an application concurrently with a parcel merger of two or more Lots or more which will create a Lot of not less than one-acre.

B. The project takes place in one of the following zones:

   a. Traditional Neighborhood (TN)

   b. Residential Multiple-Family (MFR)

   c. Downtown Residential Multi-Family (DMF)

   d. Sixth Street Mixed Use Residential (SSMU-R)

e. Transit Oriented Development Overlay (TOD)

C. In determining the number of Density Bonus Units to be granted pursuant to this Section, the maximum allowable residential density for the site shall be computed as follows:

a. In the Traditional Neighborhood (TN) zone the total number of dwelling units allowed under this program shall be calculated by multiplying the maximum density allowed under the applicable zoning designation and multiplying the result by 1.1 for a 10 percent density bonus.

b. In the Residential Multiple-Family (MFR), Downtown Residential Multi-Family (DMF), Sixth Street Mixed Use Residential (SSMU-R) or Transit Oriented Development Overlay (TOD) zones, the total number of dwelling units allowed under this program shall be calculated by multiplying the maximum density allowed under the applicable zoning designation and multiplying the result by 1.2, for a 20 percent density bonus.

c. Density bonuses in the No Net Loss Program can be combined with other density bonus programs as established in Chapter 17.10 of the Beaumont Municipal Code or with a program in the City's Housing Element.

d. In no case shall the number of Density Bonus Units awarded under the No Net Loss Program exceed the number of units in the Unit Bank.

e. In no case shall the total number of units awarded under any density bonus program exceed 100 percent of those available under Chapters 17.10 and 17.20.

D. A Density Bonus Agreement shall be required for any project seeking a density bonus as part of the No Net Loss program.

17.20.040 – Types of bonuses and incentives allowed.

A. *Density Bonus.* The density bonus allowed by this Chapter shall consist of those density increases specified in Section 17.20.030 above the maximum residential density applicable to the site as of the date of the project land use permit application.

B. *Mixed use zoning* allows the Housing Development to include nonresidential uses. Approval of mixed-use activities in conjunction with the No Net Loss program is permissible if authorized elsewhere under the Beaumont Municipal Code and subject to those requirements.. A density bonus will be granted only for the residential portion of a mixed use development.

17.20.050 – Development Standards.

All development standards for the base zone and/or overlay district shall be met. Granting of a density bonus does not constitute approval of or grounds for modification or waiver of any development standard or other requirement of the Beaumont Municipal Code.

17.20.060 – Processing of No Net Loss Program density bonus requests.

A Master Planning Application shall be submitted for any No Net Loss program project. A density bonus request pursuant to this Chapter shall be noted on the application and processed as part of the application for development. The process for obtaining preliminary approval of the Density Bonus Housing Agreement, shall be as follows:

A. *Filing.* An applicant proposing a Housing Development pursuant to this chapter shall submit an application for a Density Bonus Housing Agreement as part of the submittal of any formal request for approval of a Housing Development. The application, whether a pre-application or a formal application, shall include:

1. A brief description of the proposed Housing Development, including the total number of units, and Density Bonus Units proposed;

2. The zoning and General Plan designations and assessor's parcel number(s) of the project site;

3. A vicinity map and preliminary site plan, drawn to scale, including building footprints, driveways, and parking layout; and

4. If an additional incentive or program available under the Beaumont Municipal Code or the Housing Element is requested, a description of why the additional incentive or program is applicable to the Density Bonus Units.

5. Any additional information and submittal requirements as noted on the Master Planning Application.

B. *Review of No Net Loss Program Request.*

1. Within 90 days of receipt of the application for a No Net Loss Program the City shall provide to an applicant a letter, which identifies project issues of concern, and the procedures for compliance with this Chapter.

2. If additional incentives are requested under Chapter 17.10 of the Housing Element, the

Community Development Director shall inform the applicant that the requested additional incentives are or are not available thereunder for the proposed development and provide justification for said recommendation.

17.20.070 – No Net Loss Program density bonus agreement.

A. The terms of the draft density bonus agreement (the "agreement") shall be reviewed and revised as appropriate by the Community Development Director and the City Attorney who shall formulate a recommendation to the Planning Commission for review and the City Council for final approval.

B. At a minimum, the agreement shall include the following:

1.The total number of units proposed within the Housing Development;

2. A schedule for completion and occupancy of the units;

3.A description of any additional incentive being provided by the City under Chapter 17.10 or the Housing Element;

4.A description of remedies for breach of the agreement by either party; and

5.Any other provisions to ensure implementation and compliance with this chapter and other density bonus provisions established in Chapter 17.10 or in the City's Housing Element, as applicable, including but not limited to:

a. A description of the household income group to be accommodated by the Housing Development, and the standards for determining the corresponding affordable rent or affordable sales price and housing cost;

b. The location, unit sizes (square feet), and number of bedrooms of Target Units, as that term is defined in Chapter 17.10.020 c. Tenure of use restrictions for Target Units;

17.20.080 - Implementation.

A. The provisions of this Chapter shall be administered by the Community Development Department. Project approval processes are established in Beaumont Municipal Code Chapter 17.02 entitled Administration and Enforcement.

B. Projects requesting density bonus through the No Net Loss Program are subject to processing through both Beaumont Municipal Code Chapter 17.02 entitled Administration and Enforcement and the requirements in this Chapter.

17.20.0090 - Fee.

The City Council has set by resolution application fees for the submissions required by this Chapter. The fees set by the resolution of the City Council with regards to this section shall not exceed the amount reasonably necessary for the City to perform the services provided under this Chapter.

Staff Report

TO: City Council

FROM: Christina Taylor, Community Development Director

DATE August 17, 2021

SUBJECT: **Hold a Public Hearing for the Termination of a Moratorium Prohibiting Public Storage Facilities, Moving and Storage Establishments, Automobile Parking Facilities (Including Recreational Vehicles), Truck Stops and Terminals, and Building Storage Yards**

Background and Analysis:

On October 15, 2019, City Council adopted Interim Urgency Ordinance No. 1111 to enact a temporary moratorium on public storage facilities, moving and storage establishments, automobile parking facilities, recreational vehicle parking, truck stops and terminals and building storage yards. On November 19, 2019, City Council adopted Ordinance No. 1114 for an extension of ten (10) months and fifteen (15) days of the temporary moratorium.

On October 6, 2020, City Council approved the final extension of one (1) year to Ordinance No. 1111 for a temporary moratorium on public storage facilities, moving and storage establishments, automobile parking facilities, recreational vehicle parking, truck stops and terminals and building storage yards in order to allow City staff to complete the General Plan update which took effect in January 2021.

The final extension allowed City staff to determine the appropriate zoning and development standards for public storage facilities, moving and storage establishments, automobile parking facilities, recreational vehicle parking, truck stops and terminals and building storage yards that are consistent with the goal and policies of the General Plan and the Economic Development Strategic Plan.

In June and July 2021, City Council held a series of public hearings and adopted development standards related to storage facilities and other uses included in the temporary moratorium. On August 3, 2021, the second reading of Chapter 17.11.150 was approved by Council and will take effect on September 3, 2021. The permitted use

table and definitions section of the Beaumont Municipal Code were also amended to reflect Chapter 17.11.150. Each of these items has played a role in preparing to lift the moratorium. The final step in this process is a formal City Council action adopting an ordinance lifting the moratorium.

Fiscal Impact:

The cost to prepare this item is approximately $1,000.

Recommended Action:

Waive the first full reading and adopt by title only “An ordinance of the City Council of the City of Beaumont Terminating Urgency Ordinance 1111 Imposing a Temporary Moratorium Prohibiting Public Storage Facilities, Moving and Storage Establishments, Automobile Parking Facilities (Including Recreational Vehicles), Truck Stops and Terminals, and Building Storage Yards Pursuant to Government Code Section 65858 as Extended by Urgency Ordinance 1114.”

Attachments:

A. Ordinance

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BEAUMONT, CALIFORNIA, TERMINATING URGENCY ORDINANCE 1111 IMPOSING A TEMPORARY MORATORIUM PROHIBITING PUBLIC STORAGE FACILITIES, MOVING AND STORAGE ESTABLISHMENTS, AUTOMOBILE PARKING FACILITIES (INCLUDING RECREATIONAL VEHICLES), TRUCK STOPS AND TERMINALS AND BUILDING STORAGE YARDS, PURSUANT TO GOVERNMENT CODE SECTION 65858 AS EXTENDED BY URGENCY ORDINANCE 1114.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BEAUMONT, RIVERSIDE COUNTY, STATE OF CALIFORNIA AS FOLLOWS:

SECTION 1. CEQA. The City Council finds that the actions contemplated by this Ordinance are exempt from the California Environmental Quality Act ("CEQA") pursuant to 15061(b)(3), CEQA review is not required because there is no possibility that this Ordinance may have a significant effect upon the environment and the proposed text amendments constitute a minor alteration in a land use limitation under CEQA Guidelines Section 15305, and such a land use limitation is a permissible exercise of the City's zoning powers.

SECTION 2. Severability. The City Council hereby declares that if any provision, section, paragraph, sentence, or word of this Ordinance is rendered or declared to be invalid or unconstitutional by any final court action in a court of competent jurisdiction, or by reason of any preemptive legislation, such invalidity shall not affect the other provisions, sections, paragraphs, sentences, or words of this Ordinance, and to this end the provisions of this Ordinance are severable. The City Council declares that it would have adopted this Ordinance irrespective of the invalidity of any particular portion thereof and intends that the invalid portions should be severed, and the balance of the Ordinance enforced.

SECTION 3. Prosecution of Prior Ordinances. Neither the adoption of this Ordinance nor the repeal of any other ordinance of this City shall in any manner affect the prosecution of any violation of any City ordinance or provision of the City of Beaumont Municipal Code, committed prior to the effective date hereof, nor be construed as a waiver of any penalty or the penal provisions applicable to any violation thereof.

SECTION 4. The City Council hereby terminated Urgency Ordinance 1111 as extended by Urgency Ordinance 1111.

SECTION 5. Effective Date and Publication. The Mayor shall sign and the City Clerk shall certify to the passage of this Ordinance and cause the same or a summary thereof to be published within 15 days after adoption in accordance with Government Code Section 36933. This Ordinance shall take effect 30 days after adoption in accordance with Government Code Section 36937.

NOW, THEREFORE, BE IT ORDAINED that the City Council of the City of Beaumont, California, approves an amendment to the City Code.

INTRODUCED AND READ for the first time and ordered posted at a regular meeting of the City Council of the City of Beaumont, California, held on the __17th__ day of August , 2021, by the following roll call vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

PASSED, APPROVED AND ADOPTED at a regular meeting of the City Council of the City of Beaumont, California, held on the _____ day of _____, 2021.

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
Mike Lara, Mayor

Attest: _____
Nicole Wheelwright, Deputy City Clerk

Approved as to form:

_____
John O. Pinkney, City Attorney

Staff Report

TO: City Council

FROM: Christina Taylor, Community Development Director

DATE August 17, 2021

SUBJECT: **Discussion and direction to City Staff on Zoning Standards for Tire Sales and Tire Repair Establishments**

Background and Analysis:

On March 3, 2020, City Council adopted an Interim Urgency Ordinance for a temporary moratorium on tire sales and tire repair establishments. On April 7, 2020, City Council adopted a ten (10) month, 15-day extension to the Interim Urgency Ordinance. On February 16, 2021, City Council approved the final extension of Ordinance 1121 for a temporary moratorium on tire sales and tire repair establishments.

The purpose of the temporary moratorium was to allow the General Plan Update to be completed and to assess the critical issues associated with tire sales and tire repair businesses. The General Plan Update is complete and took effect in January 2021. The Downtown Area Plan was also completed with the General Plan Update and established generalized design guidelines for the downtown area.

Automobile repair businesses are permitted in the downtown as are retail sales businesses with accessory uses. Automotive repair is also permitted in the commercial and manufacturing areas outside of the downtown. The Beaumont Municipal Code does not specifically speak to tire sales (new or used) or tire repair. Rather, historically, these uses have been considered as automobile repair or retail sales.

City staff has been working with City departments to assess the most critical issues related to these uses and determine how to best address them. The primary issue is the storage of tires. The pictures included as Attachment A provide examples of current conditions specific to tire sales businesses in the downtown area. The same types of storage issues can be observed in other areas of the City on West Sixth Street, California Avenue and Fifth Street.

Chapter 17 - Zoning of the Beaumont Municipal Code does not speak to outdoor storage or display. City staff has typically relied on Chapter 8.32.115 - Outdoor Displays/Storage of Merchandise which reads:

> *Any outdoor display or outdoor storage of merchandise for sale which is offensive to the senses, or harbors therein or thereon flies, bed bugs, cockroaches, black widow spiders, lice, fleas, or any other insects or vermin is declared a public nuisance.*

Or Chapter 8.32.220 Attractive Nuisances which reads:

> *Attractive nuisances dangerous to children, including, but not limited to, abandoned, broken or neglected equipment and machinery, unguarded or unfenced commercial outdoor displays and storage, hazardous pools and excavations, are declared a public nuisance.*

Rather than a reactive approach and addressing the issue when there is a violation, City staff proposes the following for discussion and possible addition to Chapter 17.11 - General Development Standards and the Use Tables:

- Add tire sales (new and used) and tire repair uses to the use tables in the municipal code,
- Any outdoor display and/or storage must be reviewed and approved through the Plot Plan process. This could be an Administrative Plot Plan for an existing business or structure or a Plot Plan for approval by the Planning Commission for new construction,
    - The Fire Department has some very specific requirements specific to storage both indoor and outdoor. Fire Department review and approval/conditions compliance will be required,
- Outdoor storage must be screened,
- Outdoor storage should not exceed 20% of the total lot area, and
- Structures utilized for storage of materials should be complimentary to the primary structure and meet the aesthetic intent of the area.

Should City Council direct City staff to bring back this item for code amendments, it will include a process to conduct outreach to work with businesses on reducing the safety and nuisance issues and obtaining compliance.

Fiscal Impact:

The cost to prepare this staff report is approximately $500.

Recommended Action:

Discussion and direction to City staff.

Attachments:

A. Tire Storage Pictures

CORONA Tir
es & Mufflers
1198
$7995

"UPTOWN SERVICE AT A DOWNTOWN PRICE"
Downtown
AUTO CARE
FOREIGN AND DOMESTIC
951-769-1694
pronto
AUTO SERVICE CENTER
1200
NO PARKING

ADT
CLOSED

HIRING
ALIGNMENT•BRAKES•SHOCKS
TUNE-UPS
SERVICE
BRAKES

& STRUTS

NO REFUND ON USED TIRES

AUTHORIZED PERSONNEL ONLY

5LRA947

AUTHORIZED
PERSONNEL ONLY
COLLISION

Staff Report

TO: City Council

FROM: Sean Thuilliez, Chief of Police

DATE August 17, 2021

SUBJECT: **Authorize an Amendment to the Agreement for School Resource Officer Services Between the City of Beaumont and Beaumont Unified School District to Add an Additional School Resource Officer Position**

Background and Analysis:

The Beaumont Police Department and the Beaumont Unified School District (District) have partnered together to provide a specially trained, full-time police officer called a School Resource Officer (SRO) to maintain an immediate police presence and response at several Beaumont Unified School District campuses as well as other district sites within City limits.

In growing this partnership, the District has requested and agreed to fund an additional SRO position for the term of the current agreement, covering the salary and benefits of the police officer while working in this assignment. The primary duties of this second SRO will be to focus on Mountain View Middle School and San Gorgonio Middle School, leaving the original SRO to continue the assignment at the high schools.

The current agreement runs through June 30, 2023, and allows the District to request additional SROs from the City through an amendment process. Attached is an amendment for the additional SRO.

In addition to the SRO salary, the District has agreed to pay $665 per month per vehicle utilized by each SRO for nine months of each fiscal year of the agreement.

Fiscal Impact:

The total estimated cost of a second SRO position for the remaining two years of the current agreement shall not exceed $322,400 ($161,200 per year). The District agrees to pay the City 100% of the estimated cost (inclusive of salary benefits) for the SRO

provided under this agreement. Payment shall be broken up into the two remaining fiscal years of the agreement.

Additionally, the fiscal impact of this agreement will increase the full-time employee count of the Police Department by one position. It will also increase the General Fund Cost Recovery revenue by $161,200 and increase the Police Department expense by $161,200. A budget adjustment will be needed for this fiscal year as this position was not part of the original Fiscal Year 2021/2022 budget. The budget adjustment has been included as Attachment C.

City staff estimates the cost to prepare this staff report to be $731.

Recommended Action:

Authorize an amendment to the agreement by and between the Beaumont Unified School District in an amount not to exceed $322,400 and for the Beaumont Police Department to provide one additional trained police officer on a full-time basis as a second School Resource Officer, and
Approve the budget adjustment to FY2022, adding one additional full-time employee to the Beaumont Police Department.

Attachments:

A. SRO Agreement with the District
B. Amendment to the Agreement for a Second SRO
C. FY2022 Budget Adjustment

BEAUMONT UNIFIED SCHOOL DISTRICT
AGREEMENT FOR THE PROVISION AND FUNDING
OF SCHOOL RESOURCE OFFICER
(CITY OF BEAUMONT)

THIS AGREEMENT FOR THE PROVISION AND FUNDING OF SCHOOL RESOURCE OFFICER ("Agreement"), entered into this __ day of September, 2020 ("Effective Date") by and between the BEAUMONT UNIFIED SCHOOL DISTRICT, a political subdivision of the State of California ("DISTRICT"), and the CITY OF BEAUMONT, a municipal corporation ("CITY"). CITY and DISTRICT are collectively referred to as the "Parties" and individually as a "Party." This Agreement is made in light of the following:

RECITALS

A. WHEREAS, CITY is a municipal corporation duly organized and validly existing under the Constitution and the laws of the State of California; and

B. WHEREAS, DISTRICT is a political subdivision of the State of California located in Riverside County, California, and is organized and validly existing pursuant to the laws of the State of California; and

C. WHEREAS, DISTRICT is in need of a School Resource Officer ("SRO") at Beaumont High School ("BHS") and Glen View High School ("GVHS"), on a rotating or as-needed basis by DISTRICT (BHS, GVHS are collectively referred to as "Campuses" and individually as a "Campus"), to perform the following services ("Services"):

1. To act swiftly and cooperatively with school administration staff and other law enforcement personnel as required and permitted by law when responding to criminal offenses and/or major disruptions on Campus, such as but not limited to: disorderly conduct; fighting; trespassing; the possession and/or use of weapons on DISTRICT property to which the SRO is assigned; the illegal sale, use and/or distribution of controlled substances and alcohol; gang activity; and riots;

2. To serve as a mentor and role model for students;

3. To act as an integral part of the Campus Crisis Response Team, and to review and give input regarding the School Safety Plan;

4. To report/document crimes that occur on Campus and to investigate crimes that occur on Campus;

5. To liaise with other law enforcement officials in the investigations of criminal offenses which occur off-Campus but within the surrounding community; and

6. To work cooperatively to reduce the incidence of student truancy.

D. WHEREAS, CITY employs sworn peace officers specially trained, experienced and competent to provide the Services desired by DISTRICT and CITY is willing to provide such Services to DISTRICT on the terms and in the manner provided in this Agreement; and

E. WHEREAS, CITY and DISTRICT desire to join together in a collaborative effort to provide one (1) SRO, an employee of CITY, who will provide the Services described herein to DISTRICT at the Campuses described above, on a rotating or as-needed basis by DISTRICT.

F. NOW, THEREFORE, in consideration of the mutual representations, warranties, promises, and covenants set forth below, and for good and valuable consideration, the sufficiency of which is acknowledged by each of the Parties, the Parties agree as follows:

AGREEMENT

1. **TERM.** The term of this Agreement shall commence on September 1, 2020 and shall expire on June 30, 2023 ("Term"), unless terminated as specified in paragraph 10 of this Agreement.

2. **CITY'S DUTIES.**

a. **One (1) Full-Time Sworn Peace Officer.** Beginning on October 1, 2020, CITY shall provide one (1) full-time sworn peace officer with the Beaumont Police Department to serve as SRO and provide the Services. The SRO shall perform the Services under the supervision and control of the Beaumont Chief of Police ("Chief of Police"). The type and manner of performance of the Services are intended to promote safety in the learning environment. The Services contemplated by this Agreement are limited to the Campuses defined in the Recitals set forth above.

b. **Additional SRO.** At the request of DISTRICT, CITY may employ and assign SROs in addition to the one allocated pursuant to paragraph 2.a. subject to the written amendment to this Agreement, signed by CITY and DISTRICT, which shall also include the assignments, duties, and compensation of the additional SROs.

c. **Assignment of SRO.** CITY shall assign one (1) SRO to the Campuses identified in the Recitals set forth above on a rotating or as-needed basis. Prior to assignment to a particular site, the Chief of Police or his designee will consult with DISTRICT staff and receive input on DISTRICT's needs and concerns. The Services performed by the SRO pursuant to this Agreement are not intended to replace those services provided by existing DISTRICT security personnel.

d. **Selection of SROs.** While CITY will confer in good faith with DISTRICT regarding the particular Beaumont Police Officer assigned to serve as an SRO under this Agreement, CITY shall retain ultimate decision-making authority regarding officer selection. CITY will make reasonable efforts not to reassign any SRO when school is in session. To the extent that DISTRICT is dissatisfied with the performance of an SRO provided under this Agreement, DISTRICT and CITY shall meet and confer and attempt to resolve the issues presented; however, to the extent DISTRICT's dissatisfaction is not remedied, CITY shall nevertheless have ultimate authority to determine whether or not any SRO assigned under this Agreement shall be replaced by a different Beaumont Police Officer.

e. **Supervision and Control.** CITY, in its sole discretion, shall have the power and authority to hire, assign, discharge and discipline the SRO. DISTRICT staff may participate with CITY staff in review and determination of SRO school placement/assignment as described in this Agreement.

As an employee of CITY, and not an employee of DISTRICT, the SRO shall follow the Beaumont Police Department's chain of command and report first to the assigned supervisor as prescribed by CITY.

In the performance of his/her duties, the SRO shall coordinate and communicate with the principal or the principal's designee of the Campus to which the SRO is assigned.

3. **DISTRICT DUTIES.** In addition to other duties specified in this Agreement, DISTRICT shall do the following:

a. **Staff Liaison.** DISTRICT shall designate a staff member to serve as liaison to the Beaumont Police Department to facilitate communication between DISTRICT personnel and the SRO and to coordinate the SRO's activities with DISTRICT activities and events.

b. **DISTRICT Personnel - Cooperation.** DISTRICT personnel shall cooperate with the SRO to facilitate the SRO's performance of Services pursuant to this Agreement.

4. **OPERATIONAL PROCEDURES.**

a. **Uniformed SROs.** The SRO will perform his/her duties in police uniform. This uniform will include safety equipment designated for use by sworn personnel pursuant to Beaumont Police Department policies and practice.

b. **Hours of Work.**

1) The SRO provided under this Agreement will ordinarily work on a 9/80 schedule during the workweek; typically, Tuesday through Friday, and every other Monday. CITY maintains the right to alter this schedule based on any applicable Memorandum of Understanding ("MOU") between CITY and its employee organizations. Coverage for days on which the assigned SRO is not available will be provided by other law enforcement officers of CITY as determined by the Chief of Police.

2) Specific SRO Campus workday schedules will be established by agreement of CITY's SRO supervisor and the principal of the campus to which the SRO is assigned, subject to the ultimate discretion of the Chief of Police.

3) For school vacations, holidays, and other times when school is not in session and/or the SRO's presence is not required on Campus, each SRO shall report to CITY, at the discretion of the Chief of Police or his designee, and shall provide investigation and support of other DISTRICT law enforcement needs.

4) The SRO will be assigned to the appropriate Campus handling programs during summer school, and report to CITY when summer school is not in session.

c. **Absences.** In the event the SRO provided under this Agreement is absent from work when school is in session, the SRO shall notify both his/her CITY supervisor and the principal or designee of the Campus to which the SRO is assigned. DISTRICT recognizes that there will be times when an SRO provided under this Agreement is necessarily absent from Campus, for example, when CITY experiences emergencies requiring additional manpower, disasters, court appearances, or mandatory attendance for training. Under such circumstances, and as availability may dictate, a Beaumont Police Officer may be assigned to designated Campuses if the SRO's absence extends past ten (10) days as determined by the Chief of Police or his designee. DISTRICT also recognizes that the SRO may exercise his/her right to transfer from the SRO assignment, per existing CITY policy and/or the applicable employee organization MOU.

d. **Equipment, Supplies, and Workspace.**

1) **Safety Equipment.** CITY agrees to provide safety equipment as prescribed by Beaumont Police Department policy for each SRO.

2) **Motor Vehicles.** CITY shall provide each SRO with access to a vehicle as

prescribed by Beaumont Police Department policy. DISTRICT shall pay CITY $665 each month for nine (9) months for each fiscal year of the Agreement for costs of the SRO vehicle.

3) **Computers.** CITY shall provide each SRO with access to CITY's law enforcement programs and networks as prescribed by Beaumont Police Department policy. DISTRICT agrees to provide to each Campus with SRO access to the DISTRICT email system and such other computerized systems as are specifically authorized in writing by the designated DISTRICT office level administrator responsible, but only to the extent necessary to carry out the purposes of this Agreement, and only to the extent privacy or other laws are not compromised.

4) **Telecommunications.** CITY agrees to supply each SRO with a cellular phone. DISTRICT agrees to furnish an on-Campus telephone instrument and dedicated telephone line for business use by each SRO. DISTRICT agrees to furnish a facsimile machine or make a facsimile machine available on each Campus for SRO use.

5) **Radio Communications.** If DISTRICT operates a radio network for staff or security at the Campus to which each SRO is assigned, DISTRICT agrees to furnish the SRO with a transceiver with which to access and utilize the radio network.

6) **Supplies.** DISTRICT agrees to provide each SRO with the usual and customary office supplies and forms required in the performance of his/her duties. CITY agrees to supply each SRO with specialized law enforcement/court/department forms.

7) **Workspace.** DISTRICT agrees to provide each SRO with a private office accessible to the students on Campus and equipped with suitable seating, work surface, air conditioning/heating and secure storage. DISTRICT agrees to provide such workspace that will not infringe upon an SRO/minor's right to confidentiality.

8) **Student Records.** DISTRICT shall allow the SROs to inspect and copy any student records maintained by the DISTRICT and/or Campus, including yearbooks and student directory information, as defined in Education Code 49061. The SRO who is serving as a "school official" under the family Educational Rights and Privacy Act (FERPA) may not disclose personally identifiable information (PII) from education records to others, including other employees of his or her local police department who are not acting as school officials, without consent unless the redisclosure fits within one of the exceptions to FERPA's consent requirement.

If information in a student's cumulative records or other confidential record is needed in an emergency to protect the health or safety of the student or other individuals, DISTRICT shall disclose to the SRO that information which is needed to respond to the emergency situation based on the seriousness of the threat to someone's health or safety; the need for the information to meet the emergency situation; and the extent to which time is of the essence.

If information from confidential student records is needed, but no emergency situation exists, the information may be released only upon probable cause and exigent circumstances, the issuance of a court order, or by written authorization of the parent/guardian.

CITY and the SRO will comply with policies of DISTRICT relative to the release of student information, except as provided herein.

5. DISTRICT'S PAYMENT OF COSTS.

a. SRO Costs. The total estimated cost of an SRO for the entire Term of this Agreement shall not exceed **$397,280.00** ("Estimated Cost"). DISTRICT agrees to pay CITY 100% of the Estimated Cost (inclusive of salary and benefits) for the SRO provided under this Agreement. Payment shall be according to a three-year fiscal year (FY) schedule as follows:

1) In year one (FY2020/21) of this Agreement, the estimated total cost for the SRO shall not exceed **$100,465 for the months of October 2020-June 2021** ("FY20/21 Estimated Cost"). The DISTRICT agrees to pay the prorated cost (inclusive of salary and benefits) of the SRO selected for the position. DISTRICT shall pay to CITY the FY20/21 Estimated Cost during the first fiscal year term of this Agreement. The FY20/21 Estimated Cost shall be paid in seven (7) separate, equal monthly installments. The installments shall be paid to CITY commencing on October 1, 2020* and continuing through April 1, 2022.

*Actual billing for FY 20/21 is dependent on date of assignment of SRO to Campus with students and prorated as agreed upon by CITY and DISTRICT in accordance with guidelines as ordered by the Governor of the State of California and/or County Public Health Officials.

2) In year two (FY2021/22) of this Agreement, the estimated total cost for the SRO shall not exceed **$132,400.00** ("FY21/22 Estimated Cost"). Any cost increase over year one is due to an estimated cost-of-living increase for Beaumont Police Officers effective January 1, 2021. DISTRICT shall pay to CITY the FY21/22 Estimated Cost during the second fiscal year term of this Agreement. Said sum shall be paid in nine (9) separate, equal monthly installments. The installments shall be paid to CITY commencing on July 1, 2021 and continuing through March 1, 2022.

3) In year three (FY2022/23) of this Agreement, the estimated total cost for the SRO shall not exceed **$135,710.00** ("FY22/23 Estimated Cost"). The cost increase over year two is due to an estimated cost-of-living increase for Beaumont Police Officers effective January 1, 2022. DISTRICT shall pay to CITY FY22/23 Estimated Cost during the third fiscal year term of this Agreement. Said sum shall be paid in nine (9) separate, equal monthly installments. The installments shall be paid to CITY commencing on July 1, 2022 and continuing through March 1, 2023.

b. Operational Costs. DISTRICT shall pay for necessary SRO equipment, supplies, and workspaces as described in paragraph 4.d of this Agreement.

6. EMPLOYMENT PRACTICES. CITY and DISTRICT, by execution of this Agreement, certify that neither Party shall discriminate against any person upon the basis of race, color, creed, national origin, age, sex, sexual orientation, disability, marital status, or other legally protected characteristic in their respective employment practices.

7. EMPLOYMENT AND RELATIONSHIP OF THE PARTIES. CITY and DISTRICT are and at all times shall be considered entirely independent of one another. Neither Party shall be considered as the agent, representative or independent contractor of the other. Likewise, neither Party shall be deemed the employee of the other under any federal, state or local law or regulation, including but not limited to laws governing unemployment insurance, workers' compensation, industrial illness or accident coverage, tax withholding, or labor and employment in general. Any and all SRO is an employee solely of CITY, and remains subject to the administration, supervision and control of CITY. SRO is subject to all personnel policies and practices if CITY and the applicable MOU between CITY and its employee organizations.

8. APPLICABLE LAWS. CITY provides the services specified herein in accordance with any and all applicable federal and state statutes, regulations, and directives.

9. MUTUAL INDEMNITY.

a. DISTRICT shall indemnify, defend and hold harmless CITY, its officers, agents, employees and representatives from and against any and all claims, losses, liabilities or damages, demands and actions, including payment of reasonable attorney's fees, arising out of or resulting from the performance of this Agreement, caused in whole or in part by any negligent or willful act or omission of DISTRICT, its officers, agents, employees, or anyone directly or indirectly acting on behalf of DISTRICT, regardless of whether caused in part by a party indemnified hereunder.

b. CITY shall indemnify, defend and hold harmless DISTRICT, its officers, agents, employees and representatives from and against any and all claims, losses, liabilities or damages, demands and actions, including payment of reasonable attorney's fees, arising out of or resulting from the performance of this Agreement, caused in whole or in part by any negligent or willful act or omission of CITY, its officers, agents, employees, or anyone directly or indirectly acting on behalf of CITY, regardless of whether caused in part by a party indemnified hereunder.

c. This mutual indemnification agreement is adopted pursuant to Government Code section 895.4 and in lieu of and notwithstanding the pro rata risk allocation which might otherwise be imposed between the Parties pursuant to Government Code section 895.6.

10. TERMINATION. DISTRICT or CITY may terminate this Agreement without cause any time after the Effective Date, by giving a thirty (30) day written notice to the other Party. In the event of termination, DISTRICT shall compensate CITY for Services performed to the date of termination. CITY shall continue to provide Services after notice to terminate and during the thirty (30) day notice period unless DISTRICT, in the notice, requests CITY not perform Services. The notice shall be deemed given when personally delivered to the DISTRICT or CITY representative or three (3) days after the date the notice is deposited in the United States mail, first-class postage paid, and addressed to the appropriate representative as specified in this Agreement.

11. AMENDMENTS. No modification or amendment to this Agreement shall be valid unless it is set forth in writing and is signed by the Parties thereto.

12. WAIVER. Failure to exercise any right under this Agreement shall not constitute a waiver of such right.

13. INCORPORATION OF RECITALS. The Parties repeat and incorporate the recitals set forth above as if fully set forth herein.

14. SEVERABILITY. If any court of competent jurisdiction holds any provision of this Agreement to be invalid, unenforceable, or void, the remainder of this Agreement shall remain in full force and effect.

15. GOVERNING LAW. This Agreement shall be governed by and construed in accordance with the laws of the State of California and the Parties agree that venue shall be in Riverside County, California.

16. INTERPRETATION. This Agreement shall be construed as a whole, according to its fair meaning, and not in favor of or against any party. By way of example and not in limitation, this Agreement shall not be construed in favor of the party receiving a benefit or against the party responsible for any particular language in this Agreement. Captions are used for reference purposes only and should be ignored in the interpretation of the Agreement. This Agreement may be altered, amended or modified only by an

instrument in writing; executed by the Parties to this Agreement and by no other means. Each Party waives their future right to claim, contest, or assert that this Agreement was modified, cancelled superseded or changed by any oral agreement, course of conduct, waiver or estoppel.

17. ENTIRE AGREEMENT. This Agreement constitutes the entire agreement between DISTRICT and CITY regarding the subject matter of this Agreement. It supersedes all prior or contemporaneous agreements, commitments, representations, writings and discussions between DISTRICT and CITY relating to the subject matter of this Agreement.

18. INSURANCE. DISTRICT and CITY shall procure and maintain for the duration of the Agreement insurance against claims for injuries to persons or damages to property, which may arise from or in connection with their respective participation and the participation of their respective agents, representatives, employees or subcontractors. CITY shall maintain Worker's Compensation Insurance (Statutory Limits) for CITY's personnel. These insurance requirements may be satisfied with a certificate of self-insurance.

19. NON-WAIVER. The waiver by either Party of any breach of any term, covenant, or condition contained in the Agreement, or any default in their performance of any obligations under the Agreement shall not be deemed to be a waiver of any other breach or default of the same or any other term, covenant, condition, or obligation, nor shall any waiver of any incident of breach of default constitute a continuing waiver of same.

20. SUCCESSORS AND ASSIGNS. CITY and DISTRICT respectively bind themselves, their successors, assigns, and legal representatives. Neither Party shall assign or transfer any interest in the Agreement without the other Party's prior written consent.

21. TIME. Time is of the essence with regard to each and every provision of this Agreement.

22. NOTICE/ REPRESENTATIVES. Notices concerning this Agreement shall be deemed to have been served when deposited in the United States Mail, first class postage prepaid, and addressed as follows:

TO DISTRICT:	TO CITY:
Beaumont Unified School District Attn: Maureen Latham, Superintendent 350 Brookside Avenue Beaumont, CA 92223	Beaumont Police Department Attn: Sean Thuilliez, Chief of Police 660 Orange Avenue Beaumont, CA 92223

CITY and DISTRICT have designated the foregoing representatives to receive notices and act in their respective agency's behalf in the administration of this Agreement.

23. NO THIRD-PARTY BENEFICIARY. This Agreement, including, but not limited to, the indemnification provisions, is for the benefit of the Parties herein only and does not create, nor is it

Signatures on the following page.

SIGNATURE PAGE TO
BEAUMONT UNIFIED SCHOOL DISTRICT
AGREEMENT FOR THE PROVISION AND FUNDING
OF SCHOOL RESOURCE OFFICER
(CITY OF BEAUMONT)

intended to create, any benefit or liability to third parties.

IN WITNESS THEREOF, CITY and DISTRICT have caused this Agreement to be executed on the respective dates set forth below.

"DISTRICT"

BEAUMONT UNIFIED SCHOOL DISTRICT

By: Penni S. Harbauer
Penni Harbauer, Assistant Superintendent of Business Services
Date: Sep 16, 2020

ATTEST:

By: _____

APPROVED AS TO FORM:

By: _____
DISTRICT Attorney

"CITY"

CITY OF BEAUMONT

By: _____
Rey Santos, Mayor

Date: _____

ATTEST:

By: _____
Steven Mehlman, CITY Clerk

APPROVED AS TO FORM:

By: _____
John O. Pinkney, CITY Attorney

ADDENDUM TO BEAUMONT UNIFIED SCHOOL DISTRICT AGREEMENT FOR THE PROVISION AND FUNDING OF SCHOOL RESOURCE OFFICER (CITY OF BEAUMONT)

THIS ADDENDUM TO AGREEMENT FOR THE PROVISION AND FUNDING OF SCHOOL RESOURCE OFFICER ("Addendum"), is entered into this ___ day of September, 2020 ("Effective Date") by and between the BEAUMONT UNIFIED SCHOOL DISTRICT, a political subdivision of the State of California ("DISTRICT"), and the CITY OF BEAUMONT, a municipal corporation ("CITY"). CITY and DISTRICT are collectively referred to as the "Parties" and individually as a "Party." This Agreement is made in light of the following:

RECITALS

A. WHEREAS, CITY and DISTRICT entered into the AGREEMENT FOR THE PROVISION AND FUNDING OF SCHOOL RESOURCE OFFICER ("Agreement") on even date; and

B. WHEREAS, according to the Agreement, CITY agreed to provide DISTRICT with a School Resource Officer ("SRO") at Beaumont High School ("BHS") and Glen View High School ("GVHS"), on a rotating or as-needed basis by DISTRICT to perform the services set forth in paragraph C of the Recitals set forth in the Agreement ("Services"); and

C. WHEREAS, conditions of disaster or of extreme peril to the health and safety of persons and property have arisen both internationally and within the United States as a result of the introduction of the novel coronavirus (COVID-19), a novel communicable disease which led to California Governor Gavin Newson, to proclaim a State of Emergency for California on March 4, 2020 and a Shelter in Place Order on March 19, 2020; and

D. WHEREAS, in connection with the State of Emergency declared in California, on July 17, 2020, Governor Newsom announced that all public and private schools will start virtually and may not provide in-person instruction if they are located in a county that is on the state's monitoring list. Riverside County is currently on the California Department of Public Health's monitoring list for COVID-19; and

E. WHEREAS, because DISTRICT is conducting virtual instruction to DISTRICT's students as required by the Governor's order, the Services agreed to by CITY and DISTRICT in the Agreement cannot be performed at this time because there are currently no students on campus. The Parties, however, acknowledge and agree that during this period of virtual instruction, the SRO may perform other important functions for DISTRICT as described further in this Addendum; and

F. NOW, THEREFORE, in consideration of the mutual representations, warranties, promises, and covenants set forth below, and for good and valuable consideration, the sufficiency of which is acknowledged by each of the Parties, the Parties agree as follows:

ADDENDUM

1. Recitals. The Recitals set forth above are hereby incorporated into this Addendum by this reference, as though fully set forth herein.

2. Modification of SERVICES during COVID-19 State of Emergency. This Addendum temporarily modifies the Services to be performed by the SRO during the period of virtual instruction due to the COVID-19 pandemic as follows:

a. Virtual Instruction. Beginning on October 1, 2020, while DISTRICT is instructing its Middle School and High School students virtually, the SRO will perform student/family engagement by engaging in family contacts and performing student welfare checks involving DISTRICT's kindergarten through twelfth grade students as requested by DISTRICT ("Family Engagement Services").

b. Hybrid Instruction. As the State of California and the County of Riverside begin to ease/lift the restrictions related to student instruction and DISTRICT begins instructing Middle School and/or High School students both virtually and in-person, commonly referred to as a hybrid model of instruction, the SRO will perform the Services set forth in the Agreement and the Family Engagement Services, described in paragraph 2.a. herein, involving DISTRICT's sixth grade through twelfth grade students, only as requested by DISTRICT.

c. In Person Instruction. As the State of California and the County of Riverside continue to ease/lift the restrictions related to student instruction and DISTRICT begins instructing Middle School and/or High School students in-person only, the SRO will resume performing only the Services set forth in the Agreement.

d. The Parties understand and agree that due to the uncertain nature of COVID-19 and the uncertain duration of the State of Emergency, DISTRICT may be required to move back and forth between (1) virtual instruction, (2) hybrid instruction, and (3) in person instruction. Therefore, until the State of Emergency is lifted and DISTRICT is authorized to conduct all instruction in person for an extended period of time, this Addendum shall apply to the Services performed by the SRO unless otherwise agreed to by the Parties in writing.

3. Capitalized Terms. Capitalized terms herein have the same meaning as used in the Agreement unless otherwise noted.

4. All Counterparts. This Addendum may be executed in several counterparts, each of which shall be deemed to be an original and shall constitute one and the same instrument and shall become binding upon the Parties when at least one copy hereof shall have been signed by the Parties hereto.

5. Conflicts. In the event there exist any conflict between the terms of this Addendum and the Agreement as executed, the terms of this Addendum shall be superseding.

6. Remaining Provisions. All other remaining terms and conditions of the Agreement as shall remain unchanged.

Signatures on the following page.

SIGNATURE PAGE TO
ADDENDUM TO BEAUMONT UNIFIED SCHOOL DISTRICT
AGREEMENT FOR THE PROVISION AND FUNDING
OF SCHOOL RESOURCE OFFICER
(CITY OF BEAUMONT)

IN WITNESS THEREOF, CITY and DISTRICT have caused this Addendum to be executed on the respective dates set forth below.

"DISTRICT"

BEAUMONT UNIFIED SCHOOL DISTRICT

By: Penni S Harbauer
Penni Harbauer, Assistant Superintendent of Business Services

Date: Sep 16, 2020

"CITY"

CITY OF BEAUMONT

By: _____
Rey Santos, Mayor

Date: _____

ATTEST:

By: _____

ATTEST:

By: _____
Steven Mehlman, CITY Clerk

APPROVED AS TO FORM:

By: _____
BUSD Attorney

APPROVED AS TO FORM:

By: _____
John O. Pinkney, CITY Attorney

FIRST AMENDMENT TO
BEAUMONT UNIFIED SCHOOL DISTRICT
AGREEMENT FOR THE PROVISION AND FUNDING
OF SCHOOL RESOURCE OFFICER
(CITY OF BEAUMONT)

THIS AMENDMENT TO AGREEMENT FOR THE PROVISION AND FUNDING OF SCHOOL RESOURCE OFFICER ("School Resource Officer Agreement") is made and entered into this 17th day of August 2021 ("Effective Date"), by and between the BEAUMONT UNIFIED SCHOOL DISTRICT, a political subdivision of the State of California ("DISTRICT"), and the CITY OF BEAUMONT, a municipal corporation ("CITY").

RECITALS

WHEREAS, CITY is a municipal corporation duly organized and validly existing under the Constitution and the laws of the State of California; and

WHEREAS, DISTRICT is a political subdivision of the State of California located in Riverside County, California, and is organized and validly existing pursuant to the laws of the State of California; and

WHEREAS, on October 1st, 2020, CITY and DISTRICT entered into the School Resource Officer Agreement for a School Resource Officer ("SRO") at Beaumont High School ("BHS") and Glen View High School ("GVHS"), on a rotating or as-needed basis by DISTRICT (BHS, GVHS are collectively referred to as "Campuses" and individually as a "Campus"), to perform the services ("Services") set forth in the School Resource Officer Agreement; and

WHEREAS, section 2.a. of the School Resource Officer Agreement provides for:

> **One (1) Full-Time Sworn Peace Officer.** Beginning on October 1, 2020, CITY shall provide one (1) full-time sworn peace officer with the Beaumont Police Department to serve as SRO and provide the Services. The SRO shall perform the Services under the supervision and control of the Beaumont Chief of Police ("Chief of Police"). The type and manner of performance of the Services are intended to promote safety in the learning environment. The Services contemplated by this Agreement are limited to the Campuses defined in the Recitals set forth above; and

WHEREAS, section 2.b. of the SRO Agreement states:

> **Additional SRO.** At the request of DISTRICT, CITY may employ and assign SROs in addition to the one allocated pursuant to paragraph 2.a. subject to the written amendment to this Agreement, signed by CITY and DISTRICT, which shall also include the assignments, duties, and compensation of the additional SROs.

NOW THEREFORE, as agreed to in section 2.b. of the School Resource Officer Agreement, DISTRICT and CITY desire and agree to amend section 2.a. of the School Resource Officer Agreement to add an additional SRO as further described in the Agreement below.

AGREEMENT

1. RECITALS

The Recitals set forth above are hereby incorporated into the First Amendment by this reference, as though fully set forth herein.

2. ADDITION OF AN SRO

Section 2.a. of the School Resource Officer Agreement is hereby amended as follows:

> **Two (2) Full-Time Sworn Peace Officers.** Beginning on September 1, 2021, CITY shall provide two (2) full-time sworn peace officers with the Beaumont Police Department to serve as SROs and provide the Services. The SROs shall perform the Services under the supervision and control of the Beaumont Chief of Police ("Chief of Police"). The type and manner of performance of the Services are intended to promote safety in the learning environment.
>
> School Resource Officer #1 shall be assigned to the Beaumont High School, Glen View High School, and 21st Century Learning Institute. School Resource Officer #2 shall be assigned to Mountain View Middle School, San Gorgonio Middle School and on an as needed basis to the Elementary Schools located within the City of Beaumont.

3. ATTORNEY'S FEES

In the event any action, suit or proceeding is brought for the enforcement of, or the declaration of any right or obligation pursuant to this First Amendment or as a result of any alleged breach of any provision of the First Amendment, the prevailing party of such suit or proceeding shall be entitled to recover its cost and expenses, including reasonable attorney's fees, and any judgement or decree rendered in such a proceeding shall include an award thereof.

4. DISTRICT'S PAYMENT OF COSTS

The total estimated cost of the second SRO for the remaining two years of this agreement shall not exceed $322,400.00 ($161,200.00 per year). The DISTRICT agrees to pay CITY 100% of the estimated cost (inclusive of salary and benefits) for the SRO provided under this agreement. Payment shall be broken up into the two remaining fiscal years per the Agreement. CITY shall provide each SRO with access to a vehicle as prescribed by Beaumont Police Department Policy. DISTRICT shall pay CITY $665 each month for nine

(9) months for each fiscal year of the Agreement for costs of the SRO vehicle.

5. COUNTERPARTS

This First Amendment may be executed in several counterparts, each of which shall be deemed to be an original and shall constitute one and the same instrument and shall become binding upon CITY and DISTRICT when at least one copy hereof shall have been signed by CITY and DISTRICT.

6. CONFLICTS

In the event there exist any conflict between the terms of this First Amendment and the School Resource Officer Agreement as executed, the terms of this First Amendment shall be superseding.

7. REMAINING PROVISIONS

All other remaining terms and conditions of the School Resource Officer Agreement as amended shall remain unchanged.

IN WITNESS WHEREOF, the parties hereto have caused this First Amendment to the original School Resource Officer Agreement to be executed as of the date first written above.

"DISTRICT"	**"CITY"**
BEAUMONT UNIFIED SCHOOL DISTRICT	**CITY OF BEAUMONT**
By: _____ Penni Harbauer, Assistant Superintendent of Business Services	By: _____ Mike Lara, Mayor
Date: _____	Date: _____
ATTEST:	**ATTEST:**
By: _____	By: _____ Steven Mehlman, City Clerk
APPROVED AS TO FORM:	**APPROVED AS TO FORM:**
_____ School District's, Attorney	_____ John O. Pinkney, City Attorney

City of Beaumont
Budget Adjustment Form
FY 2021/2022

DATE: 8/17/2021

DEPARTMENT NAME: Police Department

PREPARED BY: Finance Department

APPROVED BY

*Account Number for Example only

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	CURRENT BUDGET Revenue = (Credit) Expense = Debit	ADJUSTMENT Revenue = (Credit) Expense = Debit	NEW BUDGET AMT Debit (Credit)	Explanations / Justification
100-0000-4685-0000	Cost Recovery - Revenue	(205,000.00)	(161,200.00)	(366,200.00)	Cost Recovery SRO Agreement with School District
100-2050-6010-0000	Salaries - Expense	5,505,766.00	104,572.00	5,610,338.00	Cost of Additional SRO FTE
100-2050-6036-0000	Uniforms - Expense	58,300.00	3,241.00	61,541.00	Cost of Additional SRO FTE
100-2050-6012-0000	Overtime - Expense	329,942.00	4,942.00	334,884.00	Cost of Additional SRO FTE
100-2050-6016-0000	Accrued Time Cash Out - Expense	606,870.00	7,907.00	614,777.00	Cost of Additional SRO FTE
100-2050-6028-0000	Life Insurance - Expense	5,341.00	109.00	5,450.00	Cost of Additional SRO FTE
100-2050-6034-0000	Medicare - Expense	94,696.00	1,513.00	96,209.00	Cost of Additional SRO FTE
100-2050-6022-0000	Workers Comp - Expense	567,241.00	9,147.00	576,388.00	Cost of Additional SRO FTE
100-2050-6020-0000	Health Insurance - Expense	790,538.00	16,924.00	807,462.00	Cost of Additional SRO FTE
100-2050-6023-0000	Disability - Expense	25,774.00	526.00	26,300.00	Cost of Additional SRO FTE
100-2050-6024-0000	PERS/PEPRA - Expense	1,989,372.00	12,319.00	2,001,691.00	Cost of Additional SRO FTE
				-	
TOTALS			$ -		
			Net Effect		

Staff Report

TO: City Council

FROM: Sean Thuilliez, Chief of Police

DATE August 17, 2021

SUBJECT: **Approval of a Three-Year Agreement Between the City of Beaumont and Riverside County for an Emergency Services Coordinator with the County of Riverside Emergency Management Department and a Cost Sharing Agreement Between the City of Beaumont and the Beaumont Unified School District**

Background and Analysis:

The County of Riverside Emergency Management Department (EMD) offers local jurisdictions the opportunity to contract with them for an assigned Emergency Services Coordinator through a partnership agreement. This contract position provides expertise for establishment and coordination of the City's emergency services planning, response and recovery as well as training and preparedness of City staff to ensure safety and situational awareness during any emergency event.

The Beaumont Police Department (BPD) oversees the City's emergency preparedness operations. They FY 21-22 budget included the cost for a full-time emergency position to be shared with the Beaumont Unified School District (District). This partnership is ideal in the sense that a natural or catastrophic event will likely affect both the City and District and the respective emergency plans should have a level of congruency. The District is in need of a half-time emergency services coordinator and has agreed to partner with the City to share these costs and services equally.

The County of Riverside EMD permits the sharing of emergency coordinator services and has requested that the agreement be between the City and EMD and the City and the District independently sub-contract to share the costs and services. BPD will have direct oversight of the EMD personnel assigned to the City and the District.

Fiscal Impact:

A three-year agreement with Riverside County EMD for an Emergency Services Coordinator is $160,000 annually for a total cost of $480,000. The costs sharing

agreement with the District will offset this cost by 50%. Total fiscal impact to the City for three years will be $240,000.

Cost savings may also be realized through EMD's experience and expertise of applying for FEMA grants and cost recovery. City staff estimates the cost to prepare this staff report to be $1,170.

Recommended Action:

Authorize the City Manager enter into an Agreement for Emergency Services Coordinator between the County of Riverside and the City of Beaumont, and Authorize the Mayor to enter into an Agreement for Shared Emergency Services Coordinator between the City of Beaumont and the Beaumont Unified School District.

Attachments:

A. Agreement for ESC between the County and the City
B. Agreement for shared ESC between the City and the District

AGREEMENT FOR EMERGENCY SERVICES COORDINATOR

SERVICES BETWEEN THE COUNTY OF RIVERSIDE

AND THE CITY OF BEAUMONT

This Agreement is made as of the date last below written between the County of Riverside ("County") and the City of Beaumont ("City"). The parties agree as follows:

1. This Agreement is effective from July 1, 2021, through June 30, 2024.

2. Through its Emergency Management Department ("EMD"), County shall provide to City the services of an Emergency Services Coordinator ("ESC services") as described in Exhibit A and Attachment 1.

3. City shall pay County for these ESC services as stated in Exhibit B.

4. Either party may terminate this Agreement without cause upon 90 days' written notice to the other party. The Agreement may be terminated with cause upon 30 days' written notice to the other party. County shall be entitled to receive compensation for all properly provided services rendered prior to termination.

5. If City does not appropriate funds in its budget for payment, City shall immediately notify County in writing that such funds are not forthcoming. Such notice shall be deemed to be cause for termination by County or City. County shall nevertheless be entitled to payment for properly provided services rendered prior to termination.

6. At all times during performance of this Agreement, County shall maintain insurance or self-insurance reasonable and appropriate for a public entity the size of County.

7. County shall indemnify and hold harmless City, its departments, agencies, districts, officials, officers and employees from any liability, claim, damage or action based or asserted upon any act or omission of County relating to this Agreement, including but not limited to property damage, personal injury or death. City shall indemnify and hold harmless the County, its departments, agencies, districts, officials, officers and employees from any liability, claim, damage or action based or asserted upon any act or omission of City relating to this Agreement, including but not limited to property damage, personal injury or death.

8. County shall maintain and keep records related to the ESC services in accordance with applicable County standards. In addition to their rights under applicable law, City and its employees and agents shall have the right to review and audit such records during County's normal business hours upon request and reasonable advance notice by City.

9. This Agreement shall be governed by the laws of the State of California. Venue shall be in a court of competent jurisdiction in Riverside County, and the parties waive any provision of law providing for a change of venue to another location.

10. This Agreement shall be administered by the Director of EMD or designee on behalf of County, and by City Manager or his or her designee on behalf of City.

11. Notices issues pursuant to this Agreement shall be sent via U.S. Mail to the following:

To County:	To City:
Emergency Management Department	City of Beaumont
450 E. Alessandro Blvd.	550 E. 6th Street
Riverside, CA 92508	Beaumont, CA 92223
Attn: Operations Manager	Attn: City Manager

12. This Agreement may be executed in any number of counterparts, each of which will be an original, but all of which together will constitute one instrument. Each party of this Agreement agrees to the use of electronic signatures, such as digital signatures that meet the requirements of the California Uniform Electronic Transactions Act ("CUETA," Civ. Code, §§ 1633.1 to 1633.17), for executing this Agreement. The parties further agree that the electronic signatures of the parties included in this Agreement are intended to authenticate this writing and to have the same force and effect as manual signatures. Electronic signature means an electronic sound, symbol, or process attached to or logically associated with an electronic record and executed or adopted by a person with the intent to sign the electronic record pursuant to the CUETA as amended from time to time. The CUETA authorizes use of an electronic signature for transactions and contracts among parties in California, including a government agency. Digital signature means an electronic identifier, created by computer, intended by the party using it to have the same force and effect as the use of a manual signature, and shall be reasonably relied upon by the parties. For purposes of this section, a digital signature is a type of "electronic signature" as defined in subdivision (i) of Section 1633.2 of the Civil Code.

13. This Agreement represents the full and final agreement between the parties related to this subject matter; and no prior oral or written agreements shall apply. This Agreement may be modified or altered only by a written amendment signed by authorized representatives of both parties.

AGREED:

County of Riverside	City of Beaumont
By: _____	By: _____
Bruce Barton, Director	Todd Parton
Emergency Management Department	City Manager
Dated: _____	Dated: _____

EXHIBIT A
SCOPE OF EMERGENCY SERVICES

1. Level of Service: County shall provide emergency services utilizing the designated Service Level of an Emergency Services Coordinator ("ESC"), to be provided by County for City. Services to be provided shall vary based on the Service Level Option chosen by the City, as outlined in Attachment A, and identified in Exhibit B, Payment Provisions. Services include the following:

   1.1 Comprehensive emergency management program: The ESC will coordinate a comprehensive program with the overall mission of serving the public in order to effectively support and recover from a major emergency or disaster, utilizing all standards and applicable laws and regulations within the discipline of emergency management.

   1.2 Point of contact: The ESC is the City emergency management point of contact and will be responsible for the coordination with all City personnel and departments and represent the City at all meetings, events, functions, etc., as required.

   1.3 Collaboration: The ESC will partner with all local, county, state and federal government agencies, special districts, the private sector, community entities, volunteer and non-profit organizations as necessary in all phases of emergency management.

1.1 Service to Public: The ESC will provide service to the public on matters covered in this Agreement consistent with established policies and procedures that promote courteous, efficient service and good public relations.

2. Primary Responsibilities: The ESC will coordinate all activities to address the four phases of emergency management (Refer to Attachment 1 for detailed levels of service).

   2.1 Mitigation Phase: Identification and assessment of hazards, risks, threats using proven mitigation methodologies

   2.2 Preparedness Phase:

2.2.1 Plan Development/Maintenance
2.2.2 Grants Management
2.2.3 Community Outreach/Education
2.2.4 Training
2.2.5 Exercise Development/Execution
2.2.6 Emergency Operations Center ("EOC") Readiness
2.2.7 Volunteer Management

2.3 Response Phase:
2.3.1 Emergency Response
2.3.2 Incident Level Based Response Protocols as delineated in section 7

2.4 Recovery Phase:
2.4.1 Short Term Recovery
2.4.2 Long Term Recovery

3. Provision of Supervision: Supervision over the rendition of services, the standards of performance, the discipline of personnel, and other matters incidental to the performance of such services and the control of personnel so employed shall remain with County. However, City reserves the right to request, in writing, the replacement of any personnel for cause.

4. Provision of Equipment: For the purpose of performing said services, and to ensure standardization of required equipment, County shall furnish and supply standard equipment and supplies at no cost to the City. Any additional equipment required by City will be acquired at City's expense.

1. Response Vehicle: County shall provide the response vehicle, according to County specifications, and shall provide fuel and maintain said vehicle. The vehicle will be utilized as a take home vehicle for response capabilities according to County policy.

6. Office Space and Furniture:

6.1 If available, City shall provide office space, office equipment/supplies and furniture necessary for the ESC to perform their job duties.

6.2 ESC headquarters will be at either County EOC in Riverside or Alternate County EOC in Indio.

7. ESC Availability:

7.1 Day-to-Day: The assigned ESC will be available to the City based on the contracted level of service as indicated in Exhibit B and according to a pre-arranged schedule approved by City.

7.2 Local Incident – Affecting One City: If an incident occurs in one of the contracted cities, the assigned ESC will respond to that affected city and will notify cities of the response.

7.3 Local Incident, Regional or Catastrophic Event – Affecting Contracted Cities: If a local incident, regional or catastrophic event occurs during which multiple contracted cities are affected, the ESC or the EMD Emergency Services Division Manager will contact the city liaisons to make the determination to which city the ESC should respond, based on the following criteria:

- The severity of the incident or event
- Which city has the greater threat
- The current location of the assigned ESC
- The availability of additional EMD staff to respond

7.4 Duty Officer Rotation: City agrees for ESC to serve in the EMD Duty Officer rotation.

7.5 Vacation/Sick Leave: EMD Duty Chief, Duty Officer or supervisor will be on call and available to respond when the dedicated ESC is on scheduled or unscheduled leave.

7.6 Overtime/Extraordinary Costs: City agrees that overtime and extraordinary costs for incidents within the exclusive jurisdiction of the City are not included in the annual rate.

7.6.1 Overtime shall mean any request by City to attend city council meeting, community meetings or any official city business outside of normal business hours (after 5:00 pm M-F and weekends).

7.6.2 Extraordinary costs shall mean any reasonable, actual and out of pocket costs associated with an emergency incident within the City's jurisdiction.

EXHIBIT B
PAYMENT PROVISIONS

City shall compensate County for Emergency Services Coordinator ("ESC") services on a quarterly basis as set forth below.

1. Summary of Compensation for Emergency Services Coordinator Services:
   1.1 The following chart summarizes the annual rates to be charged by County for services pursuant to this Agreement (refer to Attachment 1 for details). The City's selected option is indicated:

Option ("X")	Item Description	Quarter 1 Jul-Sept	Quarter 2 Oct-Dec	Quarter 3 Jan-Mar	Quarter 4 Apr-Jun	Total
	Option A: Base Services	$5,000	$5,000	$5,000	$5,000	$20,000
	Option B: ESC Services Shared (City Pop < 50,000)	$11,250	$11,250	$11,250	$11,250	$45,000
	Option B: ESC Services Shared (City Pop > 50,000)	$16,250	$16,250	$16,250	$16,250	$65,000
	Option C: 50% Dedicated	$20,000	$20,000	$20,000	$20,000	$80,000
X	Option D: 100% Dedicated	$40,000	$40,000	$40,000	$40,000	$160,000

   1.2 The compensation payable to County for all services as set forth in this Agreement for the period commencing on or after July 1, 2021, and running through June 30, 2024, is four hundred eighty thousand dollars ($480,000).

2. Overtime or Extraordinary Costs: Any overtime or extraordinary costs as defined in Exhibit A 7.6 are not included in the established rate. The rate for overtime/extraordinary cost is calculated at 1.5 x the EMD Staff's current employee rate and must be approved in advance by the city's authorized agent.

3. Invoicing: The County will invoice the City at the end of each quarter. The payment is due by the 20th of the following month as follows:
   a. Quarter 1 (July 1 – September 30) – due October 20th
   b. Quarter 2 (October 1 – December 31) – due January 20th
   c. Quarter 3 (January 1 – March 31) – due April 20th
   d. Quarter 4 (April 1 – June 30) – due July 20th

SERVICE LEVEL OPTIONS:	None	A	B	C	D
PHASE & SERVICE PROVIDED		BASE SERVICES	SHARED SERVICES	0.5 ESC SERVICES	1.0 ESC SERVICES
MITIGATION PHASE					
GRANTS					
Support & Guidance	X	X	X	X	X
Management				X	X
PREPAREDNESS PHASE					
CA EMERGENCY SERVICES ACT COMPLIANCE					
Emergency Organization Coordination				X	X
Annual Disaster Council Meetings				X	X
Disaster Ordinance Review/Update				X	X
Operational Area Agreement Review/Update				X	X
Disaster Service Workers Volunteer Program				X	X
Mutual Aid Agreement Review/Update				X	X
COMMUNITY OUTREACH					
Events			X	X	X
Presentations			X	X	X
EMERGENCY OPERATIONS PLAN					
Provide Template	X	X	X	X	X
Administrative Planning Support & Guidance		X	X	X	X
Plan Development			X	X	X
Periodic Review/Update				X	X
Staff Report & Resolution					X
Departmental Coordination					X
LOCAL HAZARD MITIGATION PLAN					
Provide Template	X	X	X	X	X
Administrative Planning Support & Guidance		X	X	X	X
Plan Development			X	X	X
Periodic Review/Update				X	X
Staff Report & Resolution					X
Departmental Coordination					X
MEDICAL HEALTH PLANNING					
Provide Template	X	X	X	X	X
Administrative Planning Support & Guidance		X	X	X	X
Plan Development			X	X	X
Periodic Review/Update				X	X
Departmental Coordination					X
DISASTER RECOVERY PLAN					
Provide Template	X	X	X	X	X
Administrative Planning Support & Guidance		X	X	X	X
Plan Development			X	X	X
Periodic Review/Update				X	X
Staff Report & Resolution					X
Departmental Coordination					X
SITUATIONAL AWARENESS & COMMON OPERATING PICTURE					
Provide Template	X	X	X	X	X

SERVICE LEVEL OPTIONS:	None	A	B	C	D
PHASE & SERVICE PROVIDED		BASE SERVICES	SHARED SERVICES	0.5 ESC SERVICES	1.0 ESC SERVICES
Administrative Planning Support & Guidance		X	X	X	X
Plan Development			X	X	X
Periodic Review/Update				X	X
Departmental Coordination					X
CONCEPT OF OPERATIONS & CONTINUITY OF GOVERNMENT					
Provide Template	X	X	X	X	X
Administrative Planning Support & Guidance		X	X	X	X
Plan Development			X	X	X
Periodic Review/Update				X	X
Staff Report & Resolution					X
Departmental Coordination					X
MASS CARE & SHELTER					
Provide Template	X	X	X	X	X
Administrative Planning Support & Guidance		X	X	X	X
Plan Development			X	X	X
Periodic Review/Update				X	X
Departmental Coordination					X
TRAINING & EXERCISE PLAN					
Provide Template	X	X	X	X	X
Administrative Planning Support & Guidance		X	X	X	X
Plan Development			X	X	X
Periodic Review/Update				X	X
Departmental Coordination					X
TRAINING					
SEMS/NIMS					
Regional	X	X	X	X	X
In House			X	X	X
WebEOC					
Regional	X	X	X	X	X
In House				X	X
Alert & Warning					
Regional	X	X	X	X	X
In House				X	X
EOC Section-/Postion-Specific					
Regional	X	X	X	X	X
In House				X	X
EOC Action Plan					
Regional	X	X	X	X	X
In House				X	X
EXERCISES					
Regional	X	X	X	X	X
In-House				X	X

SERVICE LEVEL OPTIONS:	None	A	B	C	D
PHASE & SERVICE PROVIDED		BASE SERVICES	SHARED SERVICES	0.5 ESC SERVICES	1.0 ESC SERVICES
EOC Readiness					
Gap Analysis - Structure & Systems					
Provide Template	X	X	X	X	X
Administrative Planning Support & Guidance		X	X	X	X
Plan Development			X	X	X
Periodic Review/Update				X	X
Departmental Coordination					X
Alert & Warning					
Support	X	X	X	X	X
WebEOC					
Support	X	X	X	X	X
Monthly Systems Check					
Computers				X	X
Video Displays				X	X
Phones				X	X
Radios				X	X
VOLUNTEER MANAGEMENT					
RACES				X	X
Community Emergency Response Teams				X	X
RESPONSE PHASE					
OPERATIONS					
Incident Response	*	*	X	X	X
Liaison - State & Federal Partners	X	X	X	X	X
RECOVERY PHASE					
OPERATIONS					
Incident Recovery Response	**	**	X	X	X
Liaison - State & Federal Partners	X	X	X	X	X
COORDINATION					
Preliminary Damage Assessment	X	X	X	X	X
Applicant Briefing	X	X	X	X	X
Meetings			X	X	X
Submittal				X	X
Tracking				X	X
Close-Out				X	X

** Assistance By Hire*

*** Dependent upon availability*

AGREEMENT FOR SHARED EMERGENCY SERVICES COORDINATOR BETWEEN THE CITY OF BEAUMONT AND BEAUMONT UNIFIED SCHOOL DISTRICT

This Agreement for Shared Emergency Services Coordinator ("Agreement"), entered into this 17th day of August, 2021 ("Effective Date"), by and between the City of Beaumont, a municipal corporation ("City"), and Beaumont Unified School District, a political subdivision of the State of California ("District"), is made in light of the following:

RECITALS

A. WHEREAS, City is a municipal corporation duly organized and validly existing under the Constitution and the laws of the State of California; and

B. WHEREAS, District is a political subdivision of the State of California located in Riverside County, California, and is organized and validly existing pursuant to the laws of the State of California; and

C. WHEREAS, on August 17th, 2021, City entered into an Agreement for Emergency Services Coordinator ("County ESC Agreement") with the County of Riverside ("County"), effective August 17, 2021, through June 30, 2024. The County ESC Agreement is attached hereto as Attachment 1 and incorporated herein by this reference; and

D. WHEREAS, pursuant to the County ESC Agreement, the County has agreed to provide to City emergency services ("ESC Services") utilizing the designated level of ESC Services as outlined in Attachment A to the County ESC Agreement and identified in Exhibit B to the County ESC Agreement, Payment Provisions; and

E. WHEREAS, the cost of the ESC Services to be provided by the County are set forth in Exhibit B to the County ESC Agreement, Payment Provisions; and

F. WHEREAS, District is in need of ESC Services at its schools located in the City of Beaumont; and

G. WHEREAS, City and District agree that sharing of ESC Services between them will increase efficiency and save money for the residents served by City and District; and

H. WHEREAS, City and District desire to formalize the shared delivery of ESC Services by the County pursuant to this Agreement.

Now therefore, City and District agree as follows:

1. Emergency Services Coordinator Services.

a. City and District agree to share the ESC Services provided by County on a basis of alternating work weeks. City shall prepare the schedule of the weeks the Emergency Services Coordinator ("ES Coordinator") will be assigned to City and the weeks the ES Coordinator will be assigned to District. The schedule does not preclude the ES Coordinator from working on any emergency for either City or District regardless of scheduled work week. The assigned work weeks

are generally for accountability and familiarity with District and City staff.

b. The ESC shall provide those ESC Services set forth in Attachment A to the County ESC Agreement to City and District according to the schedule described in section 1.a. above.

c. It is agreed and understood by City and District that the County ESC Agreement shall be administered by the Chief of Police or his or her designee on behalf of City.

d. For purposes of this Agreement, this Agreement shall be administered by the Superintendent or designee on behalf of District, and by Chief of Police or his or her designee on behalf of City.

e. The Police Department will ensure assigned ES Coordinator has completed a comprehensive background check, to include Cal DOJ and FBI fingerprinting, through the County of Riverside as a condition of their employment.

2. Payment.

District shall pay City an amount equal to one half of the total cost of the ESC as outlined in Exhibit B to the County ESC Agreement. Accordingly, District's financial obligation to City for services rendered by the ESC pursuant to this Agreement and the County ESC Agreement is estimated at $80,000.00 annually and shall be payable in quarterly installments in response to invoices from City therefor. The payment shall be due by the 10th day of the month as follows:

a. Quarter 1 (July 1 – September 30) – due October 10th
b. Quarter 2 (October 1 – December 31) – due January 10th
c. Quarter 3 (January 1 – March 31) – due April 10th
d. Quarter 4 (April 1 – June 30) – due July 10th

3. Term of Agreement.

The ESC Services provided under the County ESC Agreement commence on August 17, 2021 and end on June 30, 2024.

4. Termination.

Either party may terminate this Agreement without cause upon 90 days' written notice to the other party. The Agreement may be terminated with cause upon 30 days' written notice to the other party. City shall be entitled to receive compensation for all properly provided services rendered by the ESC prior to termination. In the event that the County ESC Agreement terminates, this Agreement shall also automatically terminate.

5. Defense and Indemnification.

District shall defend, indemnify and hold harmless City, its departments, agencies, districts, officials, officers and employees from any liability, claim, damage or action based or asserted upon any act or omission of District relating to this Agreement, including but not limited to property damage, personal injury or death. City shall defend, indemnify and hold harmless the District, its departments, agencies, districts, officials, officers and employees from any liability, claim, damage or action based

or asserted upon any act or omission of City relating to this Agreement, including but not limited to property damage, personal injury or death.

6. Not a Joint Venture or Joint Powers Authority.

City and District intend by this Agreement to establish only a cost sharing arrangement of the parties with regard to shared ESC Services and do not intend to create a joint powers agency, partnership, joint venture, or joint enterprise of any kind.

7. Amendments.

No modification or amendment to this Agreement shall be valid unless it is set forth in writing and is signed by the parties thereto.

8. Waiver.

Failure to exercise any right under this Agreement shall not constitute a waiver of such right.

9. Incorporation of Recitals.

The parties repeat and incorporate the recitals set forth above as if fully set forth herein.

10. Severability.

If any court of competent jurisdiction holds any provision of this Agreement to be invalid, unenforceable, or void, the remainder of this Agreement shall remain in full force and effect.

11. Governing Law.

This Agreement is entered into and shall be performed in Riverside County and shall be governed by and construed in accordance with the laws of the State of California.

12. Interpretation.

This Agreement shall be construed as a whole, according to its fair meaning, and not in favor of or against any party. By way of example and not in limitation, this Agreement shall not be construed in favor of the party receiving a benefit or against the party responsible for any particular language in this Agreement. Captions are used for reference purposes only and should be ignored in the interpretation of the Agreement. This Agreement may be altered, amended or modified only by an instrument in writing; executed by the parties to this Agreement and by no other means. Each party waives their future right to claim, contest, or assert that this Agreement was modified, cancelled superseded or changed by any oral agreement, course of conduct, waiver or estoppel.

13. Entire Agreement.

This Agreement constitutes the entire agreement between District and City regarding the subject matter of this Agreement. It supersedes all prior or contemporaneous agreements, commitments, representations, writings and discussions between District and City relating to the subject matter of this Agreement.

14. Insurance.

District and City shall procure and maintain for the duration of the Agreement insurance against claims for injuries to persons or damages to property, which may arise from or in connection with their respective participation and the participation of their respective agents, representatives, employees or subcontractors. City shall maintain Worker's Compensation Insurance (Statutory Limits) for City's personnel. These insurance requirements may be satisfied with a certificate of self-insurance.

15. Non-Waiver.

The waiver by either party of any breach of any term, covenant, or condition contained in the Agreement, or any default in their performance of any obligations under the Agreement shall not be deemed to be a waiver of any other breach or default of the same or any other term, covenant, condition, or obligation, nor shall any waiver of any incident of breach of default constitute a continuing waiver of same.

16. Successors and Assigns.

City and District respectively bind themselves, their successors, assigns, and legal representatives. Neither party shall assign or transfer any interest in the Agreement without the other party's prior written consent.

17. Time.

Time is of the essence with regard to each and every provision of this Agreement.

18. Notice/ Representatives.

Notices concerning this Agreement shall be deemed to have been served when deposited in the United States Mail, first class postage prepaid, and addressed as follows:

To District:	To City:
Beaumont Unified School District Attn: Mays Kakish, Superintendent 350 Brookside Avenue Beaumont, CA 92223	Beaumont Police Department Attn: Sean Thuilliez, Chief of Police 660 Orange Avenue Beaumont, CA 92223

City and District have designated the foregoing representatives to receive notices and act in their respective agency's behalf in the administration of this Agreement.

19. No Third-Party Beneficiary.

This Agreement, including, but not limited to, the indemnification provisions, is for the benefit of the parties herein only and does not create, nor is it intended to create, any benefit or liability to third parties.

[Signatures on the following page.]

SIGNATURE PAGE TO
AGREEMENT FOR SHARED EMERGENCY SERVICES COORDINATOR
BETWEEN THE CITY OF BEAUMONT AND
BEAUMONT UNIFIED SCHOOL DISTRICT

IN WITNESS THEREOF, City and District have caused this Agreement to be executed on the respective dates set forth below.

"City"

City of Beaumont

By: _____
Mike Lara, Mayor

Date: _____

ATTEST:

By: _____
Steven Mehlman, City Clerk

APPROVED AS TO FORM:

By: _____
John O. Pinkney, City Attorney

"District"

Beaumont Unified School District

By: _____
Mays Kakish, Superintendent

Date: _____

ATTEST:

By: _____

APPROVED AS TO FORM:

By: _____

Staff Report

TO: City Council

FROM: Sean Thuilliez, Chief of Police

DATE August 17, 2021

SUBJECT: **Acceptance of Grant Funds and Purchase Phase I of Motorola Handheld Radios to be Utilized by the Beaumont Police Department**

Background and Analysis:

The Beaumont Police Department's mobile and handheld portable radios are approximately 13 years old and have reached end of life which means they are no longer serviceable. The department will need to replace and purchase approximately 90 portable handheld radios and approximately 63 mobile vehicle radios. The current XTS 2500 radios and components are obsolete and lack the technology necessary to transition to the Riverside County Public Safety Enterprise Communication (PSEC) system. At the August 3, 2021, City Council meeting, City staff was directed to seek a proposal to migrate to PSEC.

Beaumont Police staff proposes that the XTS2500 radios be replaced with Motorola APX Next Radio devices. This model meets all of the required standards and has unique features that provide for expanded capabilities. Specifically, this model can operate on LTE networks and run applications similar to a cell phone for additional communication and safety features. This model has been tested on the PSEC system and was successful in operation.

The BPD migration to PSEC is part of a complete City transition. City staff is planning to achieve the transition in three phases over the next two fiscal years. Phase I will be to purchase 28 replacement handheld portable radios with available grant funds. Phase II will be a lease for the balance of the mobile and handheld portable radios for the Police Department. This lease will be brought to City Council for consideration in September 2021. The final phase will be the replacement of radio equipment for other City operations including Public Works, Wastewater, Community Services and Transit Departments. City staff is still researching the type of equipment and radio counts needed to implement the final phase.

Fiscal Impact:

The first phase will purchase 28 portable radios and accessories for approximately $252,984.98 (Attachment C). The City was awarded $249,000 by the State Homeland Security Grant Program and these funds must be expended through November 2021. The balance of $3,984.98 is to be paid from the Beaumont Police Department General Fund budget. City staff estimates the cost to prepare this staff report to be $750.

Recommended Action:

Accept the grant funds by waiving the full reading and adopt by title only, “A Resolution of the City of Beaumont Authorizing the City Manager to Execute Applications and Documents for the Purposes of Obtaining Federal Financial Assistance Provided by the Federal Department of Homeland Security and Sub-Granted Through the State of California and the County of Riverside,” and Approve the purchase of 28 portable handheld radios and necessary accessories in the amount of $252,984.98.

Attachments:

A. Resolution to Accept Grant Funds
B. Motorola Next Brochure
C. Motorola Purchase Quote

RESOLUTION NO. 2021-

A RESOLUTION OF THE CITY OF BEAUMONT AUTHORIZING THE CITY MANAGER TO EXECUTE APPLICATIONS AND DOCUMENTS FOR THE PURPOSES OF OBTAINING FEDERAL FINANCIAL ASSISTANCE PROVIDED BY THE FEDERAL DEPARTMENT OF HOMELAND SECURITY AND SUB-GRANTED THROUGH THE STATE OF CALIFORNIA AND THE COUNTY OF RIVERSIDE.

WHEREAS, the California Governor's Office of Emergency Services requires that the Beaumont City Council approve a resolution in order to be eligible to apply for and receive federal financial assistance provided by the Federal Department of Homeland Security and sub-granted through the State of California and the County of Riverside Emergency Management Department; and

WHEREAS, the City of Beaumont desires to accept the State Homeland Security Program (SHSP) and Emergency Management Program Grant (EMPG) grants for grant years 2020 through 2022.

NOW, THEREFORE, BE IT RESOLVED, that the City of Beaumont does authorize the City Manager, or designee, to execute and submit for on behalf of the City of Beaumont, a local government established under the laws of the State of California, applications and other related documents, including agreements amendments, extensions, and grant award documents, for the purpose of obtaining federal financial assistance provided by the Federal Department of Homeland Security and sub-granted through the State of California, per the following provisions:

Provision 1. That this authorization shall be in effect for the duration of the FY 2020, FY 2021, and FY 2022 grant periods of the SHSP and EMPG.

MOVED, PASSED AND ADOPTED this 17th day of August 2021.

AYES:

NOES:

ABSTAIN:

ABSENT:

By:_____
Mike Lara, Mayor
City of Beaumont

ATTEST:

Nicole Wheelwright
DEPUTY CITY CLERK

By:_____

APX NEXT

PROTECT YOUR FOCUS IN THE MOMENTS THAT MATTER

DESIGNED WITH PUBLIC SAFETY, FOR PUBLIC SAFETY

“We initially started doing a lot of the voice of the customer sessions with Motorola Solutions. That segued into a more hands-on and more involved approach with them taking our genuine feedback into product iterations and future development to figure out exactly what public safety wanted in their overall design process. We really started to take a path where we could advise them.”

George Barlow Brown, IT Manager – Real Time Crime Center, New Orleans

APX NEXT

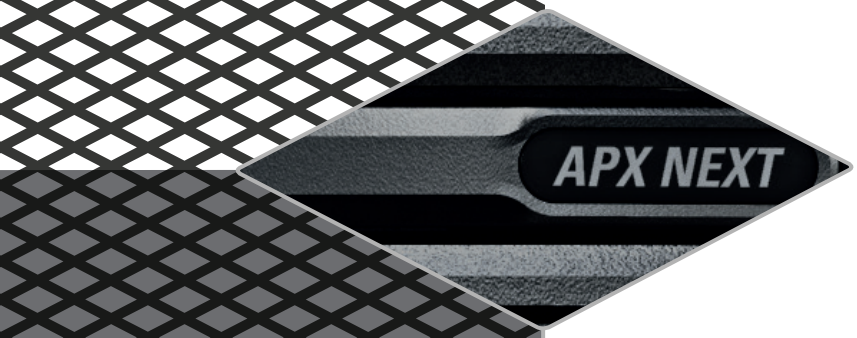
IN PUBLIC SAFETY – IN THE FIELD, THE RADIO SHOP, OR DISPATCH – FOCUS IS YOUR GREATEST RESOURCE. A SPLIT SECOND CAN MAKE A CRITICAL DIFFERENCE – WHETHER FACED WITH A LIFE-OR-DEATH SITUATION OR WITH STANDARD DAY-TO-DAY OPERATIONS.

When you have focus, you're zeroed in on what matters. When you don't, all your advantages—talent, training, teamwork—are wasted.

But as change accelerates, focus is constantly under threat. Countless people and situations vie for it. Information that's hard to process undermines it. Interfaces that are hard to use erode it. Precious time is wasted. What should be powerful capabilities, become distractions.

Having the right technology to cut through the "noise" is vital to ensuring public safety personnel stay safe and focused on the job at hand. That technology is your radio.

We worked alongside responders, dispatchers, and technicians to design a device that's radically smarter and more intuitive. The result is APX NEXT™—a radio that enables public safety personnel to stay focused and safe when it matters most.



"When I had the new radio in my hand, it changed the whole dynamic of what I would expect on the next generation. The ergonomics of the configuration – I had better movement just because of the design."

Kelly Hembach, Director of Security – Cheney Public Schools

PURPOSE-BUILT, MISSION-CRITICAL DEVICE

ON ANY GIVEN DAY, PUBLIC SAFETY PERSONNEL COME FACE-TO-FACE WITH SITUATIONS THAT ARE VOLATILE AND CHAOTIC.

During these high-stress and sometimes dire circumstances, being able to call for help can be the difference between life and death. Your radio is your lifeline. APX NEXT is our next step in advancing it. A radio that works when you need it, without distraction or doubt.

BUILT ULTRA-RUGGED, INSIDE AND OUT

- FirstNet Ready™ and designed to military standards for intrinsic ruggedness.
- Alloy endoskeleton maintains the integrity of the radio, even if the housing is damaged.

CLEARLY BETTER AUDIO

- Dual-sided Adaptive Audio noise suppression tames unpredictable background noise.
- Two new digital microphones enable personnel to hear and be heard in any situation or environment.
- A high acoustic overload point and audio leveling on receive allows users to focus on their transmissions without needing to worry about audio level inputs distorting transmissions.
- Bringing this audio experience to your shoulder is the new XV Remote Speaker Microphone.

LONG-LASTING BATTERY LIFE

- Highest energy density technology packs the most talk time in the smallest battery package yet.

NATURAL USER INTERFACE

FOR TECHNOLOGY TO REALLY BE THERE WHEN YOU NEED IT, IT HAS TO BE MORE THAN JUST OPERATIONAL – IT NEEDS TO BE EFFORTLESS TO USE IN EVEN THE MOST CHAOTIC SITUATIONS.

APX NEXT is designed for effortless usability when everything is on the line. Every interaction is simple, fast and logical within the user interface so you can stay focused on what matters – your mission and your safety.

RUGGEDIZED TOUCHSCREEN

- Ultra-rugged, mission-critical toughened glass touchscreen supported from underneath by a rigid stainless steel plate is designed for all-weather use, with a transflective display for indoor and outdoor readability.
- Heavy-duty digitizer recognizes touches even through gloves, while rejecting false touches from the elements.

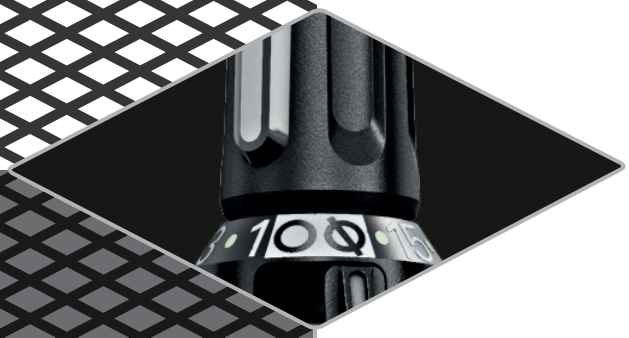
HIGH VELOCITY DESIGN

- Large, intuitive knobs and buttons are easily distinguishable by touch and designed to minimize accidental activations.
- Shallow menu structure – with a maximum menu depth of three – speeds up navigation.

ViQi

- Voice controls enable radio operation using more than 85 natural language commands – helping maintain eyes-up awareness.
- ViQi button allows for quick access to voice controls – enabling officers to perform 14 actions including changing channels and adjusting volume without breaking focus.

> "In public safety, you're always using your hands. As a police o□cer, you may have your gun drawn on a suspect. As a paramedic, you may be doing CPR. As a firefighter, you have a hose in your hand or you're crawling through a fire. The less you have to use your hands on your radio, the more you can stay focused. Being able to use a hands-free device or digital assistant lets you concentrate on the work at hand."
>
> Adam Brickeen, Communications Chief and IT Security Chief – Real Time Crime Center, New Orleans



> ”The radio programming capability will give me back nearly a month of time. But, most importantly, it will help the o□cers. They need to be back on the street and this will do that.”
>
> Ivan Perez, Jr., Radio System Administrator – Prince William County

STREAMLINED OWNERSHIP EXPERIENCE

BEHIND FIRST RESPONDERS, STANDS A TEAM WORKING TO KEEP THEM SAFE – FROM TECHNICIANS TO IT STAFF TO NETWORK ENGINEERS.

For public safety personnel – every second counts and time is a critical asset. APX NEXT gives you back time with its streamlined ownership experience – so your valuable resources stay focused and ready.

RADIOCENTRAL

- Centralized programming provides flexible, efficient control for all of your radios while streamlining routine tasks.
- Cloud-based radio management enables devices to be programmed without ever handling them – so you can send them directly to your team.

SMARTPROGRAMMING

- Radio updates are immediately implemented over broadband LTE – so your devices stay in the field.

MANAGED AND SUPPORT SERVICES

- Three different service tiers let you choose the level of support that's right for your organization.
- Technical support and system operations management keep your system at peak performance, keeping up with new enhancements and reducing risk.

MOBILE ACCESS TO INTELLIGENCE

WHEN YOU'RE IN THE FIELD, YOU NEED ACCESS TO INFORMATION – FAST.

With APX NEXT, we're bringing new intelligence to the field and directly into your hands with mission-critical applications built exclusively for public safety.

ViQi

- Simple audio prompts and public-safety specific terminology enables you to use your voice to access critical information including database searches and license plate checks.
- Secure cloud service contains speech-to-text, query and text-to-speech capabilities – for fast, secure and eyes-up intelligence.

SMARTCONNECT

- Automatic switching between P25 and broadband LTE maintains voice communications regardless of coverage.
- P25 packet routing preserves your authentication, status, talkgroups and encryption without interruptions or resets.

SMARTLOCATE

- Cutting-edge location routing services sends your radio location data over broadband LTE for faster updates and increased efficiency.
- Broadband LTE connectivity radically improves location refresh rates and expands the number of devices that can be tracked simultaneously.

PUBLIC SAFETY APPLICATIONS PLATFORM

- First-of-its-kind platform enables applications to augment data from across the public safety landscape – including radio, broadband, video, public and private data sources – and delivers it to first responders.
- Application foundation is designed to allow new capabilities and functionalities to be seamlessly added.

"A game changer for us is the ability to push data. We do a lot of our work with mobile data computers in the car, but if I'm away from the car I may not be able to go back or may not want to go back to look at something there if it can get pushed to me on the radio itself. That's a far more convenient feature and I can then take that device in my hand and put it in front of five other deputies on scene and say this is the guy we're looking for."

Michael Zollars, Lieutenant – Spokane Valley Police Department

YOUR FIRST-INSTINCT, END-TO-END SOLUTION

YOUR RADIO IS YOUR "FIRST-INSTINCT TOOL" – CONNECTING YOU TO THE RIGHT INFORMATION AT EXACTLY THE RIGHT TIME.

APX NEXT redefines what a radio can do. Because when time is of the essence and failure is not an option – maintaining your focus is critical. With APX NEXT, the radio you rely on is transformed to be even more integrated into your end-to-end technology workflow – bringing together known usability with new features and interactivity that will shape the future. APX NEXT integrates mission-critical voice and devices with purpose-built software and applications – from call-taking and dispatch, to investigation and analytics, to evidence and records. So you experience improved situational awareness, streamlined interfaces and accelerated workflows. And it's all interoperable with your current APX systems.

With APX NEXT, we're ensuring your lifeline is there when you need it and that the focus that responders, dispatchers, and technicians need to stay safe and effective, is protected.

> "In public safety, your radio has always been your lifeline. In your moment of distress, the first thing you reach for is something to defend yourself and something to call for help. Radio's always been that thing. Taking that first instinct tool and enhancing it just gives you that much more capability to do what you need to do."
>
> Adam Brickeen, Communications Chief and IT Security Chief – Real Time Crime Center, New Orleans

Learn more at www.motorolasolutions.com/apxnext

MOTOROLA SOLUTIONS

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, Il 60661 U.S.A. 800-367-2346 motorolasolutions.com

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MOTOROLA SOLUTIONS

QUOTE-1514283

Billing Address:
BEAUMONT, CITY OF
660 ORANGE AVE
BEAUMONT, CA 92223
US

Quote Date:07/22/2021
Expiration Date:10/20/2021
Quote Created By:
Andrew Gretencord
Andrew.Gretencord@
motorolasolutions.com

End Customer:
BEAUMONT, CITY OF

Line #	Item Number	Description	Qty	Term	List Price	Sale Price	Ext. Sale Price
	APX™ NEXT	APX NEXT MULTI					
1	H55TGT9PW8AN	APX NEXT; ALL-BAND MODEL 4.5 PORTABLE*	28		$7,492.00	$5,469.16	$153,136.48
1a	BD00001AA	ADD: CORE BUNDLE	28		$2,824.00	$2,061.52	$57,722.56
1b	H499KC	ENH: SUBMERSIBLE (DELTA T)	28		Included	Included	Included
1c	H38DA	ADD: SMARTZONE OPERATION	28		Included	Included	Included
1d	Q806CH	ADD: ASTRO DIGITAL CAI OPERATION	28		Included	Included	Included
1e	QA09028AA	ADD: VIQI VC RADIO OPERATION	28		Included	Included	Included
1f	QA03399AK	ADD: ENHANCED DATA	28		Included	Included	Included
1g	Q387CB	ADD: MULTICAST VOTING SCAN	28		Included	Included	Included
1h	QA00580BA	ADD: TDMA OPERATION	28		Included	Included	Included
1i	QA09001AM	ADD: WIFI CAPABILITY	28		Included	Included	Included
1j	BD00010AA	ADD: SECURITY BUNDLE	28		$930.00	$678.90	$19,009.20
1k	QA01767BL	ADD: P25 LINK LAYER AUTHENTICATION	28		Included	Included	Included
1l	Q498BN	ENH: ASTRO 25 OTAR W/ MULTIKEY	28		Included	Included	Included

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

MOTOROLA SOLUTIONS

QUOTE-1514283

Line #	Item Number	Description	Qty	Term	List Price	Sale Price	Ext. Sale Price
1m	H797DW	ENH: DVP-XL ENCRYPTION AND ADP	28		Included	Included	Included
1n	Q15AU	ADD: AES/DES-XL/DES-OFB ENCRYPTION AND ADP	28		Included	Included	Included
1o	Q361CD	ADD: P25 9600 BAUD TRUNKING	28		Included	Included	Included
1p	QA09030AA	ADD: MOTOROLA HOSTED RADIOCENTRAL*	28		$0.00	$0.00	$0.00
1q	H637AA	ADD: APX NEXT DMS BUNDLE PROMO	28		-$22.95	-$22.95	-$642.60
1r	H636AB	ADD: APX NEXT APPLICATION BUNDLE PROMO	28		-$300.00	-$300.00	-$8,400.00
1s	H638EA	ADD: SMART LOCATE MAPPING TRIAL PROMO	28		-$56.00	-$56.00	-$1,568.00
2	LSV01P01903A	APX NXT DMS SMART INSIGHT DIAGNSTC-PROMO	28	12 MONTHS	$0.00	$0.00	$0.00
3	LSV01P01904A	APX NXT DMS SMART INSIGHT USAGE-PROMO	28	12 MONTHS	$0.00	$0.00	$0.00
4	LSV01P01905A	APX NXT DMS SMART INSIGHT BATTERY-PROMO	28	12 MONTHS	$0.00	$0.00	$0.00
5	LSV01P01415A	APX NEXT DMS ADVANCED W ACC DMG-PROMO	28	12 MONTHS	$179.40	$179.40	$5,023.20
6	SSV01P01407B	APX NEXT SMART PROG-PROMO	28	1 YEAR	$75.00	$75.00	$2,100.00
7	SSV01P01476A	APX NEXT SMART LOCATE-PROMO	28	1 YEAR	$75.00	$75.00	$2,100.00
8	SSV01P01902A	APX NEXT SMART MAPPING-PROMO	28	1 YEAR	$75.00	$75.00	$2,100.00
9	SSV01P01901A	APX NEXT SMART MESSAGING-PROMO	28	1 YEAR	$75.00	$75.00	$2,100.00

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

MOTOROLA SOLUTIONS

QUOTE-1514283

Line #	Item Number	Description	Qty	Term	List Price	Sale Price	Ext. Sale Price
10	SSV01P01685B	SMART LOCATE MAPPING TRIAL	28	1 YEAR	$56.00	$56.00	$1,568.00
	Critical Connect + WAVE (Retired)						
11	SSV00S02078A	WAVE MESSAGING DISPATCH*	1	1 YEAR	$540.00	$540.00	$540.00
	CommandCentral Aware						
12	SSV00S01684A	LOCATION SERVICES*	1	1 YEAR	$0.00	$0.00	$0.00
13	SSV00S02383A	AWARE STARTER*	1	1 YEAR	$0.00	$0.00	$0.00

Subtotal $234,788.84

Estimated Tax $18,196.14

Grand Total $252,984.98(USD)

Pricing Summary

	List Price	Sale Price
Upfront Costs for Hardware, Accessories and Implementation (if applicable), plus Subscription Fee	$319,808.60	$234,788.84
Grand Total System Price	$319,808.60	$234,788.84

Notes:

* Additional information is required for one or more items on the quote for an order.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

Motorola's quote (Quote Number: _____ Dated: _____) is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then the following Motorola's Standard Terms of use and Purchase Terms and Conditions govern the purchase of the Products which is found at http://www.motorolasolutions.com/msi/omterms.

The Parties hereby enter into this Agreement as of the Effective Date.

Motorola Solutions, Inc.	Customer
By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____
Date: _____	Date: _____

- This quote contains items with approved price exceptions applied against them.

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Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

COMMANDCENTRAL AWARE STARTER PACKAGE

APX NEXT Starter Package

Motorola Solutions' APX NEXT Starter Package for CommandCentral Aware provides a host of mapping and location capabilities. CommandCentral Aware combines disparate systems and data into an accessible interface. This single interface offers command centers a complete operating picture to support field personnel in real time. CommandCentral Aware unifies data from mapping, correlated event monitoring, analytics, and communications. This unified interface streamlines public safety workflows and viewpoints, enabling users to access and act on critical information.

The APX Next Starter Package includes three named users for one year.

APX NEXT SmartLocate

The APX NEXT SmartLocate feature provides dispatchers with accurate location data over a broadband network. This location data, combined with CommandCentral Aware functionality, enables better tracking of field personnel and improved situational awareness. SmartLocate quickly sends GPS coordinate updates and location information from the field to dispatchers, providing a more effective operating picture of any situation. This gives dispatchers a greater ability to manage incidents and allocate resources in the most efficient way possible. Broadband connectivity increases the frequency of location reporting beyond the capability of an LMR system. This improves location accuracy and enables more users to be tracked. The CommandCentral Aware tool set features many location triggers, including time, distance, push-to-talk (PTT), emergency, and accelerated cadence during emergency.

ViQi Alert Integration

Maintaining situational awareness and first responder safety through natural operation is integral to the APX NEXT radio. This outcome is achieved through ViQi™ Virtual Partner—a cloud-based service that provides vital public safety information via voice. Users can activate ViQi with a single button press and simple audio prompt. Using natural language, personnel can run a license plate or driver's license and search for vehicles with matching vehicle identification numbers. This action happens straight from the field without disruption. The CommandCentral Aware ViQi integration provides visual context for these alerts to further improve field response.

Geographic Information System (GIS) Data Set

CommandCentral Aware integrates with hosted GIS data sets from Esri ArcGIS Server or ArcGIS online. The geospatial information contained within these data sets are core to the intelligent map display. This enhances workflow details driven by geography and the metadata contained within these data sets.

Esri's powerful geospatial engine within CommandCentral Aware is used to automatically invoke spatial queries. These queries inform the user of nearby items, refine geographic boundaries and focus attention on location to orientate those responding. This geospatial processing enables intelligence-driven analysis and focuses on the concentrated area of concern.

Data sets can be used in the following ways:

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- Refine displayed data based on the geographic area defined per user (by Area, Beat, Sector, Precinct, Zone, or Quadrant).
- Determine road blockages caused by traffic jams, flooded roadways, or other obstacles.

AccuWeather

The starter package includes integration with AccuWeather to provide customized weather-driven services, including site-specific forecasts, severe-weather warnings, historical data, and custom analytics. AccuWeather provides the following:

- Location key for your desired location.
- Forecast information for a specific location.
- Current Conditions data for a specific location.
- Daily index values for a specific location. Index availability varies by location.
- Radar and satellite images.

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MOTOROLA SOLUTIONS

QUOTE-1514283

SUBSCRIPTION SERVICES AGREEMENT

Motorola Solutions, Inc. ("Motorola") and_____("Customer") enter into this Subscription Services Agreement ("Agreement") pursuant to which Customer will purchase and Motorola will sell a subscription to access the subscription services described below. Motorola and Customer may be referred to individually as a "Party" and collectively as the "Parties."

The terms of the Agreement, including addendums, exhibits, and attachments combined with the terms of any applicable Incorporated Documents will govern the products and services offered pursuant to this Agreement. To the extent there is a conflict between the terms and conditions of the Agreement and the terms and conditions of the applicable Incorporated Documents, the Incorporated Documents take precedence.

1. DEFINITIONS

Capitalized terms used in this Agreement have the meanings set forth below. Any reference to the purchase or sale of software or other Intellectual Property shall mean the sale or purchase of a license or sublicense to use such software or Intellectual Property in accordance with this Agreement.

"Administrator" means Customer's designated system administrator who receives administrative logins for the Subscription Services and issues access rights to Customer's Users.

"Anonymized" means having been stripped of any personal or correlating information revealing original source or uniquely identifying a person or entity.

"Confidential Information" means any information that is disclosed in written, graphic, verbal, or machine-recognizable form, and is marked, designated, or identified at the time of disclosure as being confidential or its equivalent; or if the information is in verbal form, it is identified as confidential at the time of disclosure and is confirmed in writing within thirty (30) days of the disclosure. Confidential Information does not include any information that: is or becomes publicly known through no wrongful act of the receiving Party; is already known to the receiving Party without restriction when it is disclosed; is or becomes, rightfully and without breach of this Agreement, in the receiving Party's possession without any obligation restricting disclosure; is independently developed by the receiving Party without breach of this Agreement; or is explicitly approved for release by written authorization of the disclosing Party.

"Customer Data" means Native Data provided by Customer to Motorola hereunder to be processed and used in connection with the Subscription Services. Customer Data does not include data provided by third parties and passed on to Motorola.

"Deliverables" means all written information (such as reports, analytics, Solution Data, specifications, designs, plans, drawings, or other technical or business information) that Motorola prepares for Customer in the performance of the Services and is obligated to provide to Customer pursuant to the applicable Statement of Work. The Deliverables, if any, are more fully described in the Statement of Work.

"Documentation" means the technical materials provided by Motorola to Customer in hard copy or electronic form describing the use and operation of the Solution and Software, including any technical manuals, but excluding any sales, advertising or marketing materials or proposals.

"Effective Date" means the date of the last signature on this Agreement, unless access to the Subscription Service occurs later, in which case, the Effective Date will be the date when Customer first has access to the Subscription Services.

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"**Feedback**" means comments or information, in oral or written form, given to Motorola by Customer, in connection with or relating to the Solution and Subscription Services.

"Force Majeure" which means an event, circumstance, or act that is beyond a Party's reasonable control, such as an act of God, an act of the public enemy, an act of a government entity, strikes, other labor disturbances, supplier performance, hurricanes, earthquakes, fires, floods, epidemics, embargoes, war, riots, or any other similar cause.

"Licensed Product" means 1) Software, whether hosted or installed at Customer's site, 2) Documentation; 3) associated user interfaces; 4) help resources; and 5) any related technology or other services made available by the Solution.

"Native Data" means data that is created solely by Customer or its agents.

"Proprietary Rights" means the patents, patent applications, inventions, copyrights, trade secrets, trademarks, trade names, mask works, know-how, ideas and concepts, moral rights, processes, methodologies, tools, techniques, and other intellectual property rights.

"Software" means the Motorola owned or licensed off the shelf software programs delivered as part of the Licensed Products used to provide the Subscription Services, including all bug fixes, updates and upgrades.

"Solution" means collectively, the Software, servers and any other hardware or equipment operated by Motorola and used in conjunction with the Subscription Services.

"Solution Data" means Customer Data that is transformed, altered, processed, aggregated, correlated or operated on by Motorola, its vendors or other data sources and data that has been manipulated or retrieved using Motorola know-how to produce value-added content that is made available to Customer with the Solution and Subscription Services.

"Statement of Work" If included, the Statement of Work ("SOW") describes the Subscription Services, Deliverables (if any), Licensed Products and Solution that Motorola will provide to Customer under this Agreement, and the other work-related responsibilities that the parties owe to each other. The Statement of Work may contain a performance schedule.

"Subscription Services" means those subscription services to be provided by Motorola to Customer under this Agreement, the nature and scope of which are more fully described in the Documentation, proposal, SOW, or other Solution materials provided by Motorola, as applicable.

"Users" means Customer's authorized employees or other individuals authorized to utilize the Subscription Services on behalf of Customer and who will be provided access to the Subscription Services by virtue of a password or equivalent security mechanism implemented by Customer.

2. SCOPE

2.1 **Subscription Services.** Motorola will provide to Customer the Subscription Services and Deliverables (if any). As part of the Subscription Services, Motorola will allow Customer to use the Solution described in the Statement of Work, Documentation, proposal, or other Solution materials provided by Motorola ("Incorporated Document(s)"), as applicable. Some Subscription Services will also be subject to additional terms unique to that specific Subscription Service. Such additional terms will be

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set forth in an Addendum. In the event of a conflict between an Addendum and the body of the Agreement, the Addendum will govern resolution of the conflict. Motorola and Customer will perform their respective responsibilities as described in this Agreement and any applicable Incorporated Documents.

2.2 **Changes.** Customer may request changes to the Services. If Motorola agrees to a requested change, the change must be confirmed in writing and signed by authorized representatives of both parties. A reasonable price adjustment will be made if any change affects the time of performance or the cost to perform the Services.

2.3 **Non-solicitation.** During the term of this Agreement and for twelve (12) months thereafter, Customer will not actively solicit the employment of any Motorola personnel who is involved directly with providing any of the Services.

3. TERM

3.1 **Term.** Unless a different Term is set forth in an applicable Addendum or the Incorporated Documents, the Term of this Agreement begins on the Effective Date and continues for twelve (12) months. The Agreement automatically renews annually on the anniversary of the Effective Date, unless either Party notifies the other of its intention to not renew the Agreement (in whole or part) at least thirty (30) days before the anniversary date or until termination by either Party in accordance with the Termination section of this Agreement.

3.2 **Minimum Initial Term.** For certain Subscription Services, a minimum initial term greater than one year may be required ("Minimum Initial Term"). Following the Minimum Initial Term, this Agreement will automatically renew upon each anniversary of the Effective Date for a successive renewal term of the same duration as the Minimum Initial Term, unless either Party: 1) notifies the other of its intention to not renew the Agreement (in whole or part) at least thirty (30) days before the anniversary date; 2) requests an alternate term; or 3) terminates in accordance with the termination provision in the Agreement, including non-payment of fees for the renewal period by the anniversary date.

3.3 **Renewals.** The terms and conditions of the Agreement and will govern any renewal periods.

4. CUSTOMER OBLIGATIONS. Customer will fulfill all of its obligations in this Agreement, including applicable addendums and Incorporated Documents in a timely and accurate manner. Failure to do so may prevent Motorola from performing its responsibilities.

4.1 **Access.** To enable Motorola to perform the Subscription Services, Customer will provide to Motorola reasonable access to relevant Customer information, personnel, systems, and office space when Motorola's employees are working on Customer's premises, and other general assistance. Further, if any equipment is installed or stored at Customer's location in order to provide the Subscription Services, Customer will provide, at no charge, a non-hazardous environment with adequate shelter, heat, light, power, security, and full and free access to the equipment.

4.2 **Customer Information.** If the Documentation, Statement of Work, proposal, or other related documents contain assumptions that affect the Subscription Services or Deliverables, Customer will verify that they are accurate and complete. Any information that Customer provides to Motorola concerning the Subscription Services or Deliverables will be accurate and complete in all material respects. Customer will make timely decisions and obtain any required management and third party approvals or consents that are reasonably necessary for Motorola to perform the Subscription Services and its other duties under this Agreement. Unless the Statement of Work states the contrary, Motorola may rely upon and is

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not required to evaluate, confirm, reject, modify, or provide advice concerning any assumptions and Customer-provided information, decisions and approvals described in this paragraph.

4.3 **Risk of Loss.** If any portion of the Solution resides on Customer premises or is under Customer's control in any way, Customer shall at all times exercise reasonable care in using and maintaining the Solution in accordance with Motorola's instructions for proper use and care. Risk of loss to any equipment in Customer's possession will reside with Customer until removed by Motorola or its agent or returned by Customer. Customer will be responsible for replacement costs of lost or damaged equipment, normal wear and tear excluded.

4.4 **Equipment Title.** Unless Customer is purchasing equipment pursuant to the terms in the Addendum entitled "Equipment Purchase" and unless stated differently in this Agreement or in the Incorporated Documents, title to any equipment provided to Customer in connection with the Subscription Services remains vested in Motorola at all times. Any sale of equipment pursuant to this Agreement will be governed by the terms and conditions set forth in the Equipment Purchase Addendum.

4.5 **Enable Users.** Customer will properly enable its Users to use the Subscription Services, including providing instructions for use, labeling, required notices, and accommodation pursuant to applicable laws, rules, and regulations. Unless otherwise agreed in the Incorporated Documents, Customer will train its Users on proper operation of the Solution and Licensed Products. Customer agrees to require Users to acknowledge and accept the limitations and conditions of use of the Licensed Products in this Agreement prior to allowing Users to access or use Subscription Services.

4.6 **Non-preclusion.** If, as a result of the Subscription Services performed under this Agreement, Motorola recommends that Customer purchase products or other services, nothing in this Agreement precludes Motorola from participating in a competitive opportunity or otherwise offering or selling the recommended products or other services to Customer. Customer represents that this paragraph does not violate its procurement or other laws, regulations, or policies.

5. Subscription Fees.

5.1 **Recurring Fees.** Unless stated differently in an applicable addendum, Incorporated Documents or otherwise arranged in writing with Motorola, Services will be provided in exchange for annual pre-paid Subscription Fees. Motorola will submit an invoice for the first year of subscription fees on the Effective Date. On each anniversary of the Effective Date, Motorola will issue an invoice for the annual subscription fees for the following year.

5.1.1 **No Purchase Order Requirement.** For a Subscription Services Term exceeding one year, Customer affirms that a purchase order or notice to proceed is not required for Motorola to proceed with the entire scope of work described in the Incorporated Documents for subsequent years, including but not limited to multi-year subscription agreements.

5.2 **Start Up Fees.** Start up fees apply to certain Subscription Services. If the Subscription Service includes start up fees, Motorola will submit an invoice for the start up fees on the Effective Date.

5.3 **Fee Change.** Motorola reserves the right to change the subscription fees at the end of each Subscription Services Term. Except for any payment that is due on the Effective Date, Customer will make payments to Motorola within thirty (30) days after the date of each invoice. Motorola reserves the right to terminate Service for non-payment of fees.

5.4 **No Price Guarantee.** Notwithstanding any language to the contrary, the pricing and fees associated with this Agreement will not be subject to any most favored pricing commitment or other

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similar low price guarantees.

5.5 **Taxes.** The Subscription Fees and start up fees do not include any excise, sales, lease, use, property, or other taxes, assessments or duties, all of which will be paid by Customer, except as exempt by law. If Motorola is required to pay any of those taxes, it will send an invoice to Customer and Customer will pay to Motorola the amount of the taxes (including any interest and penalties) within thirty (30) days after the date of the invoice. Motorola will be solely responsible for reporting taxes on its income or net worth.

6. ACCEPTANCE; SCHEDULE; FORCE MAJEURE

6.1 **Acceptance.** The Licensed Products will be deemed accepted upon the delivery of usernames and passwords or other validation mechanism to Customer. If usernames and passwords have been issued to Customer prior to the Effective Date, the Licensed Products will be deemed accepted on the Effective Date.

6.2 **Schedule.** All Subscription Services will be performed in accordance with the performance schedule included in the Statement of Work, or if there is no performance schedule, within a commercially reasonable time period.

6.3 **Force Majeure.** Neither Party will be liable for its non-performance or delayed performance if caused by a Force Majeure. Each Party will notify the other in writing if it becomes aware of any Force Majeure that will significantly delay performance. The notifying Party will give the notice promptly (but in no event later than fifteen (15) days) after it discovers the Force Majeure.

7. LIMITED LICENSE

7.1 Licensed Products. Use of the Licensed Products by Customer and its Users is strictly limited to use in connection with the Solution or Subscription Services during the Term. Customer and Users will refrain from, and will require others to refrain from, doing any of the following with regard to the Software in the Solution: (i) directly or indirectly, by electronic or other means, copy, modify, or translate the Software; (ii) directly or indirectly, by electronic or other means, reproduce, reverse engineer, distribute, sell, publish, commercially exploit, rent, lease, sublicense, assign or otherwise transfer or make available the Licensed Products or any part thereof to any third party, or otherwise disseminate the Licensed Product in any manner; (iii) directly or indirectly, by electronic or other means, modify, decompile, or disassemble the Software or part thereof, or attempt to derive source code from the Software; or (iv) remove any proprietary notices, labels, or marks on the Software or any part of the Licensed Products. Motorola Solutions reserves all rights to the Software and other Licensed Products not expressly granted herein, including without limitation, all right, title and interest in any improvements or derivatives conceived of or made by Motorola that are based, either in whole or in part, on knowledge gained from Customer Data. Customer agrees to abide by the copyright laws of the United States and all other relevant jurisdictions, including without limitation, the copyright laws where Customer uses the Solution. Customer agrees to immediately cease using the Solution if it fails to comply with this paragraph or any other part of this Agreement. If Software is subject to a click wrap, end user license agreement or is otherwise packaged with or subject to a separate end user license, such license will apply to the use of Software and Licensed Product.

7.2 **Proprietary Rights.** Regardless of any contrary provision in the Agreement, Motorola or its third party providers own and retain all of their respective Proprietary Rights in the Software, Solution, and Licensed Product. Nothing in this Agreement is intended to restrict their Proprietary Rights. All intellectual property developed, originated, or prepared by Motorola in connection with providing Services to Customer remain vested exclusively in Motorola, and this Agreement does not grant to Customer any

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shared development rights of intellectual property. No custom development work is to be performed under this Agreement.

8. DATA AND FEEDBACK

8.1 **Solution Data.** To the extent permitted by law, Motorola, its vendors and licensors are the exclusive owners of all right, title, and interest, in and to the Solution Data, including all intellectual property rights therein. Motorola grants Customer a personal, royalty-free, non-exclusive license to: (i) access, view, use, copy, and store the Solution Data for its internal business purposes and, (ii) when specifically permitted by the applicable Statement of Work, publish Solution Data on its websites for viewing by the public.

8.2 **Customer Data.** To the extent permitted by law, Customer retains ownership of Customer Data. Customer grants Motorola and its subcontractors a personal, royalty-free, non-exclusive license to use, host, cache, store, reproduce, copy, modify combine, analyze, create derivatives from, communicate, transmit, publish, display, and distribute such Customer Data for the purpose of providing the Subscription Services to Customer, other Motorola Customers and end users, including without limitation, the right to use Customer Data for the purpose of developing new or enhanced solutions. In addition to the rights listed above, Customer grants Motorola a license to sell an Anonymized version of Customer Data for any purpose.

8.3 **Feedback.** Any Feedback given by Customer is entirely voluntary and, even if designated as confidential, will create no confidentiality obligation for Motorola. Motorola is free to use, reproduce, license or otherwise distribute and exploit the Feedback without any obligation to Customer. Customer acknowledges that Motorola's receipt of the Feedback does not imply or create recognition by Motorola of either the novelty or originality of any idea. The parties further agree that all fixes, modifications and improvement to the Licensed Product or Subscription Service conceived of or made by Motorola that are based, either in whole or in part, on the Feedback are the exclusive property of Motorola and all right, title and interest in and to such fixes, modifications or improvements to the Licensed Product or Subscription Service will vest solely in Motorola.

9 WARRANTY

9.1 **"AS IS".** THE SOLUTION AND SUBSCRIPTION SERVICES ARE PROVIDED "AS IS". MOTOROLA DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. Customer acknowledges that the Deliverables may contain recommendations, suggestions or advice from Motorola to Customer (collectively, "Recommendations"). Motorola makes no warranties concerning those Recommendations, and Customer alone accepts responsibility for choosing whether and how to implement the Recommendations and the results to be realized from implementing them.

9.2 **Availability and Accuracy.** Customer acknowledges that functionality of the Solution as well as availability and accuracy of Solution Data is dependent on many elements beyond Motorola's control, including databases managed by Customer or third parties and Customer's existing equipment, software, and Customer Data. Therefore, Motorola does not guarantee availability or accuracy of data, or any minimum level of coverage or connectivity. Interruption or interference with the Subscription Services or Solution may periodically occur. Customer agrees not to represent to any third party that Motorola has provided such guarantee.

9.3 **Equipment Sale.** Warranty for any equipment sold pursuant to this Agreement will be set forth in Equipment Purchase Addendum.

10. DISCLAIMERS

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10.1 **Existing Equipment and Software.** If Customer's existing equipment and software is critical to operation and use of the Subscription Services, Customer is solely responsible for supporting and maintaining Customer's existing equipment and software. Connection to or interface with Customer's existing equipment and software may be required to receive Subscription Services. Any failures or deficiencies of Customer's existing equipment and software may impact the functionality of the Solution and the Subscription Services to be delivered. Any vulnerabilities or inefficiencies in Customer's system may also impact the Solution and associated Subscription Services.

10.2 **Privacy**. Customer bears sole responsibility for compliance with any laws and regulations regarding tracking; location based services; gathering, storing, processing, transmitting, using or misusing; or otherwise handling personally identifiable information ("PII"), including information about Users of the Solution or citizens in the general public. Further, it is Customer's sole responsibility to comply with any laws or regulations prescribing the measures to be taken in the event of breach of privacy or accidental disclosure of any PII. Enacting and enforcing any internal privacy policies for the protection of PII, including individual disclosure and consent mechanisms, limitations on use of the information, and commitments with respect to the storage, use, deletion and processing of PII in a manner that complies with applicable laws and regulations will be Customer's sole responsibility. Motorola will not evaluate the sufficiency of such policies and disclaims any responsibility or liability for privacy practices implemented by Customer, or lack thereof. Customer acknowledges and agrees that Subscription Services and the Solution are not designed to ensure individual privacy. Customer will inform Users that the Solution may enable visibility to PII, as well as physical location of individuals. Further, if the Solution or Subscription Services are available to the general public pursuant to this Agreement, Customer will provide the appropriate privacy notification. Neither Motorola nor Customer can provide any assurance of individual privacy in connection with the Solution. Further, Customer is solely responsible for determining whether and how to use data gathered from social media sources for the purpose of criminal investigations or prosecution. Customer will hold Motorola harmless from any and all liability, expense, judgment, suit, or cause of action, which may accrue against Motorola for causes of action for damages related to tracking, location based services, breach of privacy, and the use or misuse of PII provided that Motorola gives Customer prompt, written notice of any such claim or suit. Motorola shall cooperate with Customer in its defense or settlement of such claim or suit.

10.3 **Social Media**. If Customer purchases Subscription Services that utilize social media, Customer acknowledges and agrees that such Subscription Services are not designed to ensure individual privacy. In such case, Customer will inform Users that the Solution and Subscription Services may enable visibility to PII, as well as physical location of individuals. Further, if the Solution or Subscription Services are available to the general public pursuant to this Agreement, Customer will provide the appropriate privacy notification. Neither Motorola nor Customer can provide any assurance of individual privacy in connection with the Solution or Subscription Services utilizing social media. Further, Customer is solely responsible for determining whether and how to use data gathered from social media sources for the purpose of criminal investigations or prosecution. Customer will hold Motorola harmless from any and all liability, expense, judgment, suit, or cause of action, which may accrue against Motorola for causes of action for damages related to tracking, location based services, breach of privacy, and the use or misuse of PII provided that Motorola gives Customer prompt, written notice of any such claim or suit. Motorola shall cooperate with Customer in its defense or settlement of such claim or suit.

10.4 **Misuse.** Motorola reserves the right to discontinue service at any time without notice to Users that misuse the Service, jeopardize the Licensed Product or public safety in any way.

11. LIMITATION OF LIABILITY

11.1 **Liability Limit.** Except for personal injury or death, Motorola's total liability, whether for breach of contract, warranty, negligence, strict liability in tort, or otherwise, will be limited to the direct damages recoverable under law, but not to exceed the price of twelve (12) months of Subscription Services

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provided under this Agreement. ALTHOUGH THE PARTIES ACKNOWLEDGE THE POSSIBILITY OF SUCH LOSSES OR DAMAGES, THEY AGREE THAT MOTOROLA WILL NOT BE LIABLE FOR ANY COMMERCIAL LOSS; INCONVENIENCE; LOSS OF USE, TIME, DATA, GOODWILL, REVENUES, PROFITS OR SAVINGS; OR OTHER SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO OR ARISING FROM THIS AGREEMENT OR THE PERFORMANCE OF THE SUBSCRIPTION SERVICES BY MOTOROLA. This limitation of liability provision survives the expiration or termination of this Agreement and applies notwithstanding any contrary provision. No action for contract breach or otherwise relating to the transactions contemplated by this Agreement may be brought more than one (1) year after the accrual of the cause of action, except for money due upon an open account.

11.2 **Additional Disclaimers.** MOTOROLA DISCLAIMS ANY AND ALL LIABILITY FOR ANY AND ALL LOSS OR COSTS OF ANY KIND ASSOCIATED WITH 1) THE INTERRUPTION, INTERFERENCE OR FAILURE OF CONNECTIVITY, VULNERABILITIES OR SECURITY EVENTS, WHETHER OR NOT THEY ARE DISCOVERED BY MOTOROLA; 2) PERFORMANCE OF CUSTOMER'S EXISTING EQUIPMENT AND SOFTWARE OR ACCURACY OF CUSTOMER DATA; 3) IF ANY PORTION OF THE SOLUTION OR LICENSED PRODUCT RESIDES ON CUSTOMER'S PREMISES, DISRUPTIONS OF AND/OR DAMAGE TO CUSTOMER'S OR A THIRD PARTY'S INFORMATION SYSTEMS, EQUIPMENT, AND THE INFORMATION AND DATA, INCLUDING, BUT NOT LIMITED TO, DENIAL OF ACCESS TO A LEGITIMATE SYSTEM USER, AUTOMATIC SHUTDOWN OF INFORMATION SYSTEMS CAUSED BY INTRUSION DETECTION SOFTWARE OR HARDWARE, OR FAILURE OF THE INFORMATION SYSTEM RESULTING FROM THE PROVISION OR DELIVERY OF THE SERVICE; 4) AVAILABILITY OR ACCURACY OF SOLUTION DATA; 5) INTERPRETATION, USE OR MISUSE IN ANY WAY OF SOLUTION DATA; 6) IMPLEMENTATION OF RECOMMENDATIONS PROVIDED IN CONNECTION WITH THE SUBSCRIPTION SERVICES; 7) TRACKING, AND LOCATION BASED SERVICES, BREACH OF PRIVACY, AND THE USE OR MISUSE OF PERSONALLY IDENTIFIABLE INFORMATION.

11.3 **Essential term.** The parties acknowledge that the prices have been set and the Agreement entered into in reliance upon these limitations of liability and that all such limitations form an essential basis of the bargain between the parties.

12 DEFAULT AND TERMINATION

12.1 **Default By a Party**. If either Party fails to perform a material obligation under this Agreement, the other Party may consider the non-performing Party to be in default (unless a Force Majeure causes the failure) and may assert a default claim by giving the non-performing Party a written, detailed notice of default. Except for a default by Customer for failing to pay any amount when due under this Agreement which must be cured immediately, the defaulting Party will have thirty (30) days after receipt of the notice of default to either cure the default or, if the default is not curable within thirty (30) days, provide a written cure plan. The defaulting Party will begin implementing the cure plan immediately after receipt of notice by the other Party that it approves the plan. If Customer is the defaulting Party, Motorola may stop work on the project until it approves the Customer's cure plan.

12.2 **Failure To Cure.** If a defaulting Party fails to cure the default as provided above in Section 12.1, unless otherwise agreed in writing, the non-defaulting Party may terminate any unfulfilled portion of this Agreement. In the event of a termination for default, the defaulting Party will promptly return to the non-defaulting Party any of its Confidential Information. If Customer is the non-defaulting Party, terminates this Agreement as permitted by this Section, and procures the Services through a third party, Customer may as its exclusive remedy recover from Motorola reasonable costs incurred to procure the Services (but not additional or out of scope services) less the unpaid portion of the Contract Price. Customer

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agrees to mitigate damages and provide Motorola with detailed invoices substantiating the charges.

12.3 **No Refund.** If a subscription is terminated for any reason prior to the end of the Subscription Services Term or other subscription period set forth in the Incorporated Documents or otherwise agreed to in writing by the Parties, no refund or credit will be provided.

12.4 **Cancellation Fee.** If an Initial Minimum Term applies and Customer terminates prior to the end of the Initial Minimum Term, Customer will be required to pay a cancellation fee of up to fifty percent (50%) of the remaining balance of subscription fees for the Initial Minimum Term.

12.5 **Return of Discount.** If Customer is afforded a discount in exchange for a term commitment longer than one year, early termination will result in an early termination fee, representing a return of the discount off of list price.

12.6 **Return Confidential Information.** Upon termination or expiration of the Agreement, Customer will return or certify the destruction of all Confidential Information and Solution Data.

12.7 **Connection Terminated.** Certain Subscription Services require a connection to Customer systems to access Customer Data (e.g. predictive or analytic services). Upon termination, connection to relevant data sources will be disconnected and Motorola will no longer extract any Customer Data.

12.8 **Equipment Return.** Any equipment provided by Motorola for use with the Subscription Services, must be returned within thirty (30) days of the date of termination, at Customer's expense. If equipment is not returned within this time frame, Motorola reserves the right to invoice the Customer for the purchase price of the unreturned equipment.

12.9 **Five Year Term.** Motorola provides equipment for use in connection with certain Subscription Services. Upon expiration and non-renewal of a five (5) year subscription Term, Title to the equipment will automatically transfer to Customer upon the subscription expiration date.

13. DISPUTES

13.1. **Settlement.** The parties will attempt to settle any dispute arising from this Agreement (except for a claim relating to intellectual property or breach of confidentiality) through consultation and a spirit of mutual cooperation. The dispute will be escalated to appropriate higher-level managers of the parties, if necessary. If cooperative efforts fail, the dispute will be mediated by a mediator chosen jointly by the parties within thirty (30) days after notice by one of the parties demanding non-binding mediation. The parties will not unreasonably withhold consent to the selection of a mediator, will share the cost of the mediation equally, may agree to postpone mediation until they have completed some specified but limited discovery about the dispute, and may replace mediation with some other form of non-binding alternative dispute resolution ("ADR").

13.2 **Litigation.** A Party may submit to a court of competent jurisdiction any claim relating to intellectual property, breach of confidentiality, or any dispute that cannot be resolved between the parties through negotiation or mediation within two (2) months after the date of the initial demand for non-binding mediation. Each Party consents to jurisdiction over it by that court. The use of ADR procedures will not be considered under the doctrine of laches, waiver, or estoppel to affect adversely the rights of either Party. Either Party may resort to the judicial proceedings described in this section before the expiration of the two-month ADR period if good faith efforts to resolve the dispute under these procedures have been

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unsuccessful; or interim relief from the court is necessary to prevent serious and irreparable injury to the Party.

14. SECURITY.

14.1 **Industry Standard.** Motorola will maintain industry standard security measures to protect the Solution from intrusion, breach, or corruption. During the term of Agreement, if the Solution enables access to Criminal Justice Information ("CJI"), as defined by the Criminal Justice Information Services Security Policy ("CJIS"), Motorola will provide and comply with a CJIS Security Addendum. Any additional Security measure desired by Customer may be available for an additional fee.

14.2 **Background checks.** Motorola will require its personnel that access CJI to submit to a background check based on submission of FBI fingerprint cards.

14.3 **Customer Security Measures.** Customer is independently responsible for establishing and maintaining its own policies and procedures and for ensuring compliance with CJIS and other security requirements that are outside the scope of the Subscription Services provided. Customer must establish and ensure compliance with access control policies and procedures, including password security measures. Further, Customer must maintain industry standard security and protective data privacy measures. Motorola disclaims any responsibility or liability whatsoever for the security or preservation of Customer Data or Solution Data once accessed or viewed by Customer or its representatives. Motorola further disclaims any responsibility or liability whatsoever that relates to or arise from Customer's failure to maintain industry standard security and data privacy measures and controls, including but not limited to lost or stolen passwords. Motorola reserves the right to terminate the Service if Customer's failure to maintain or comply with industry standard security and control measures negatively impacts the Service, Solution, or Motorola's own security measures.

14.4 **Breach Response Plan.** Both parties will maintain and follow a breach response plan consistent with the standards of their respective industries.

15. CONFIDENTIAL INFORMATION AND PROPRIETARY RIGHTS

15.1. CONFIDENTIAL INFORMATION.

15.1.1. **Treatment of Confidential Information.** During the term of this Agreement, the parties may provide each other with Confidential Information. Licensed Products, and all Deliverables will be deemed to be Motorola's Confidential Information. Each Party will: maintain the confidentiality of the other Party's Confidential Information and not disclose it to any third party, except as authorized by the disclosing Party in writing or as required by a court of competent jurisdiction; restrict disclosure of the Confidential Information to its employees who have a "need to know" and not copy or reproduce the Confidential Information; take necessary and appropriate precautions to guard the confidentiality of the Confidential Information, including informing its employees who handle the Confidential Information that it is confidential and is not to be disclosed to others, but those precautions will be at least the same degree of care that the receiving Party applies to its own confidential information and will not be less than reasonable care; and use the Confidential Information only in furtherance of the performance of this Agreement or pursuant to the license granted immediately below.

15.1.2. **Ownership of Confidential Information.** The disclosing Party owns and retains all of its Proprietary Rights in and to its Confidential Information, except the disclosing Party hereby grants to the receiving Party the limited right and license, on a non-exclusive, irrevocable, and royalty-free basis, to use

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the Confidential Information for any lawful, internal business purpose in the manner and to the extent permitted by this Agreement.

15.2. PRESERVATION OF PROPRIETARY RIGHTS.

15.2.1 **Proprietary Solution.** Customer acknowledges that the Licensed Products and any associated Documentation, data, and methodologies used in providing Services are proprietary to Motorola or its third party licensors and contain valuable trade secrets. In accordance with this Agreement, Customer and its employees shall treat the Solution and all Proprietary Rights as Confidential Information and will maintain the strictest confidence.

15.2.2. **Ownership.** Each Party owns and retains all of its Proprietary Rights that exist on the Effective Date. Motorola owns and retains all Proprietary Rights that are developed, originated, or prepared in connection with providing the Deliverables or Services to Customer, and this Agreement does not grant to Customer any shared development rights. At Motorola's request and expense, Customer will execute all papers and provide reasonable assistance to Motorola to enable Motorola to establish the Proprietary Rights. Unless otherwise explicitly stated herein, this Agreement does not restrict a Party concerning its own Proprietary Rights and is not a grant (either directly or by implication, estoppel, or otherwise) of a Party's Proprietary Rights to the other Party.

15.3 **Remedies.** Because Licensed Products contain valuable trade secrets and proprietary information of Motorola, its vendors and licensors, Customer acknowledges and agrees that any actual or threatened breach of this Section will constitute immediate, irreparable harm to Motorola for which monetary damages would be an inadequate remedy, and that injunctive relief is an appropriate remedy for such breach. Notwithstanding anything in this Agreement to the contrary, Motorola reserves the right to obtain injunctive relief and any other appropriate remedies from any court of competent jurisdiction in connection with any actual, alleged, or suspected breach of Section 3, infringement, misappropriation or violation of Motorola's Property Rights, or the unauthorized use of Motorola's Confidential Information. Any such action or proceeding may be brought in any court of competent jurisdiction. Except as otherwise expressly provided in this Agreement, the parties' rights and remedies under this Agreement are cumulative.

16. GENERAL

16.1 **Future Regulatory Requirements.** The Parties acknowledge and agree that this is an evolving technological area and therefore, laws and regulations regarding Subscription Services and use of the Solution may change. Changes to existing Subscription Services or Solution required to achieve regulatory compliance may be available for an additional fee. Any required changes may also impact the Fees for services.

16.2 **Compliance with Applicable Laws.** Each Party will comply with all applicable federal, state, and local laws, regulations and rules concerning the performance of this Agreement. Further, Customer will comply with all applicable export and import control laws and regulations in its use of the Licensed Products and Subscription Services. In particular, Customer will not export or re-export the Licensed Products without Motorola's' prior written consent, and, if such consent is granted, without Customer first obtaining all required United States and foreign government licenses. Customer further agrees to comply with all applicable laws and regulations in providing the Customer Data to Motorola, and Customer warrants and represents to Motorola that Customer has all rights necessary to provide such Customer Data to Motorola for the uses as contemplated hereunder. Customer shall obtain at itsindemnify expense

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all necessary licenses, permits and regulatory approvals required by any and all governmental authorities as may from time to time be required in connection with its activities related to this Agreement. To the extent permitted by applicable law, Customer will defend, indemnify, and hold harmless Motorola from and against any violation of such laws or regulations by Customer or any of its agents, officers, directors, or employees.

16.3 **Audit.** Motorola reserves the right to monitor and audit use of the Subscription Services. Customer will cooperate and will require Users to cooperate with such monitoring or audit.

16.4 **Assignability.** Except as provided herein, neither Party may assign this Agreement or any of its rights or obligations hereunder without the prior written consent of the other Party, which consent will not be unreasonably withheld. Any attempted assignment, delegation, or transfer without the necessary consent will be void. Notwithstanding the foregoing, Motorola may assign this Agreement to any of its affiliates or its right to receive payment without the prior consent of Customer. In addition, in the event Motorola separates one or more of its businesses (each a “Separated Business”), whether by way of a sale, establishment of a joint venture, spin-off or otherwise (each a “Separation Event”), Motorola may, without the prior written consent of the other Party and at no additional cost to Motorola, assign this Agreement such that it will continue to benefit the Separated Business and its affiliates (and Motorola and its affiliates, to the extent applicable) following the Separation Event. Motorola may subcontract any of the work, but subcontracting will not relieve Motorola of its duties under this Agreement.

16.5 **Subcontracting.** Motorola may subcontract any portion of the Subscription Services without prior notice or consent of Customer.

16.6 **Waiver.** Failure or delay by either Party to exercise a right or power will not be a waiver of the right or power. For a waiver of a right or power to be effective, it must be in a writing signed by the waiving Party. An effective waiver of a right or power will not be construed as either a future or continuing waiver of that same right or power, or the waiver of any other right or power.

16.7 **Severability.** If a court of competent jurisdiction renders any part of this Agreement invalid or otherwise unenforceable, that part will be severed and the remainder of this Agreement will continue in full force and effect.

16.8 **Independent Contractors.** Each Party will perform its duties under this Agreement as an independent contractor. The parties and their personnel will not be considered to be employees or agents of the other Party. Nothing in this Agreement will be interpreted as granting either Party the right or authority to make commitments of any kind for the other. This Agreement will not constitute, create, or be interpreted as a joint venture, partnership or formal business organization of any kind.

16.9 **Headings.** The section headings in this Agreement are inserted only for convenience and are not to be construed as part of this Agreement or as a limitation of the scope of the particular section to which the heading refers. This Agreement will be fairly interpreted in accordance with its terms and conditions and not for or against either Party.

16.10 **Governing Law.** This Agreement and the rights and duties of the parties will be governed by and interpreted in accordance with the laws of the State of Illinois.

16.11 **Notices.** Notices required under this Agreement to be given by one Party to the other must be in writing and either personally delivered or sent to the address provided by the other Party by certified mail, return receipt requested and postage prepaid (or by a recognized courier service, such as Federal Express, UPS, or DHL), or by facsimile with correct answerback received, and will be effective upon receipt.

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16.12 **Authority To Execute Agreement.** Each Party represents that it has obtained all necessary approvals, consents and authorizations to enter into this Agreement and to perform its duties under this Agreement; the person executing this Agreement on its behalf has the authority to do so; upon execution and delivery of this Agreement by the parties, it is a valid and binding contract, enforceable in accordance with its terms; and the execution, delivery, and performance of this Agreement does not violate any bylaw, charter, regulation, law or any other governing authority of the Party.

16.13 **Return of Equipment.** Upon termination of the contract for any reason, Customer shall return to Motorola all equipment delivered to Customer, if any.

16.14. **Survival Of Terms.** The following provisions survives the expiration or termination of this Agreement for any reason: if any payment obligations exist, Section 5 (Subscription Fees); Section 11 (Limitation of Liability); Section 12 (Default and Termination); Section 13 (Disputes); Section 15 (Confidential Information and Proprietary Rights);; and all General provisions in Section 16.

16.15. **ENTIRE AGREEMENT.** This Agreement and any Incorporated Documents or related attachments constitute the entire agreement of the Parties regarding the subject matter of this Agreement and supersedes all previous agreements, proposals, and understandings, whether written or oral, relating to this subject matter. This Agreement may be amended or modified only by a written instrument signed by authorized representatives of both Parties. The preprinted terms and conditions found on any Customer purchase or purchase order, acknowledgment or other form will not be considered an amendment or modification of this Agreement, even if a representative of each Party signs that document.

In witness whereof, the parties hereto have executed this Agreement as of the Effective Date.

CUSTOMER	**MOTOROLA SOLUTIONS, INC.**
BY: _____	**BY:** _____
NAME: _____	**NAME:** _____
TITLE: _____	**TITLE:** _____
DATE: _____	**DATE:** _____

BILL TO ADDRESS:	**SHIP TO ADDRESS:**
Name: _____	**Name:** _____
Address: _____	**Address:** _____
Address: _____	**Address:** _____
Phone #: _____	**Phone #:** _____
Email: _____	

Note: Invoices will be emailed to this address.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

MOTOROLA SOLUTIONS

QUOTE-1514283

FINAL DESTINATION:

Name:_____

Address:_____

Address: _____

Phone #: _____

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MOTOROLA SOLUTIONS

QUOTE-1514283

EQUIPMENT SALE ADDENDUM

This Addendum is to the Subscription Service Agreement or other previously executed Agreement currently in force, as applicable ("Primary Agreement") and provides additional or different terms and conditions to govern the sale of equipment and related software provided by Motorola. The terms in this Addendum are integral to and incorporated into the Primary Agreement. To the extent there is a conflict between the terms and conditions of the Primary Agreement and the terms and conditions of this Addendum, this Addendum takes precedence, as to the inconsistency only.

1. Exhibits

The Exhibits listed below are incorporated into and made a part of this Addendum. In interpreting this Addendum and resolving any ambiguities, the main body of this Addendum takes precedence over the exhibits and any inconsistency between the exhibits will be resolved in their listed order. Documents included in the proposal and listed below as Exhibits are incorporated by this reference.

Exhibit A	Motorola "Software License Agreement"
Exhibit B	Motorola "Proposal/Quote dated_____" or "Payment Schedule", as applicable.
Exhibit B-1	Technical and Implementation Documents, if any.
Exhibit B-2	Equipment List.

2. DEFINITIONS

All capitalized terms not otherwise defined herein shall have the same meaning as defined in the Primary Agreement.

"Product Price" means the price for the equipment and related Software and installation or related services, excluding applicable sales or similar taxes and freight charges.

"Effective Date" means that date upon which the last Party executes the Primary Agreement or, the date on which the last Party executes the Addendum, whichever is later.

"Equipment" means the equipment listed in the Equipment List that Customer purchases from Motorola pursuant to this Addendum.

"Infringement Claim" means a third party claim alleging that the Equipment manufactured by Motorola or the Motorola Software directly infringes a United States patent or copyright.

"Motorola Software" means Software that Motorola or its affiliated company owns.

"Non-Motorola Software" means Software that another party owns.

"Open Source Software" (also called "freeware" or "shareware") software with either freely obtainable source code, license for modification, or permission for free distribution.

"Products" mean the Equipment and Software sold by Motorola under this Addendum.

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"Proprietary Rights" means the patents, patent applications, inventions, copyrights, trade secrets, trademarks, trade names, mask works, know-how, ideas and concepts, moral rights, processes, methodologies, tools, techniques, and other intellectual property rights in and to the Equipment and Software, including those created or produced by Motorola under this Addendum and any corrections, bug fixes, enhancements, updates or modifications to or derivative works from the Software whether made by Motorola or another party.

"Software" means the Motorola Software and Non-Motorola Software in object code format that is furnished with the Equipment.

"Specifications" means the functionality and performance requirements that are described in the Proposal/Quote or Technical and Implementation Documents (as applicable).

"Warranty Period" means one (1) year from the date of shipment of the Products. Notwithstanding, if a third party manufacturer offers a longer warranty period, such warranty will be passed through to Customer.

3. SCOPE AND TERM

3.1. SCOPE OF WORK. Motorola will provide and install (if applicable) the Products, and perform its other contractual responsibilities, all in accordance with this Addendum. Any reference to "Subscription Services" in the Primary Agreement shall mean Product as applicable in this Addendum.

3.2. CHANGE ORDERS. Either Party may request changes within the general scope of this Addendum. Neither Party is obligated to perform requested changes unless both Parties execute a written change order.

3.3. TERM. Unless terminated in accordance with other provisions of the Primary Agreement or extended by mutual agreement of the Parties, the term of this Addendum begins on the Effective Date and continues until the expiration of the Warranty Period or three (3) years from the Effective Date, whichever occurs last.

3.4. ADDITIONAL EQUIPMENT OR SOFTWARE. During the Term of this Addendum, Customer may order additional Equipment or Software if it is then available. Each order must refer to the Primary Agreement and Addendum and must specify the pricing and delivery terms. Notwithstanding any additional or contrary terms in the order, the applicable provisions of this Addendum (except for pricing, delivery, and payment terms) will govern the purchase and sale of the additional Equipment or Software. Payment is due within thirty (30) days after the invoice date, and Motorola will send Customer an invoice as the additional Equipment is shipped or Software is licensed. Alternatively, Customer may register with and place orders through Motorola Online ("MOL"), and this Addendum will be the "Underlying Agreement" for those MOL transactions rather than the MOL On-Line Terms and Conditions of Sale. MOL registration and other information may be found at https://businessonline.motorolasolutions.com and the MOL telephone number is (800) 814-0601.

3.5. MAINTENANCE SERVICE. This Addendum does not cover maintenance or support of the Products except as provided under the warranty. If Customer wishes to purchase maintenance or support, Motorola will provide a separate maintenance and support proposal upon request.

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3.6. MOTOROLA SOFTWARE. Any Motorola Software, including subsequent releases, is licensed to Customer solely in accordance with the Software License Agreement. Customer hereby accepts and agrees to abide by all of the terms and restrictions of the Software License Agreement.

3.7. NON-MOTOROLA SOFTWARE. Any Non-Motorola Software is licensed to Customer in accordance with the standard license, terms, and restrictions of the copyright owner on the Effective Date unless the copyright owner has granted to Motorola the right to sublicense the Non-Motorola Software pursuant to the Software License Agreement, in which case it applies and the copyright owner will have all of Licensor's rights and protections under the Software License Agreement. Motorola makes no representations or warranties of any kind regarding Non-Motorola Software. Non-Motorola Software may include Open Source Software. Upon request by Customer, Motorola will use commercially reasonable efforts to determine whether any Open Source Software will be provided under this Agreement; and if so, identify the Open Source Software and provide to Customer a copy of the applicable standard license (or specify where that license may be found); and provide to Customer a copy of the Open Source Software source code if it is publicly available without charge (although a distribution fee or a charge for related services may be applicable).

3.8 SUBSTITUTIONS. At no additional cost to Customer, Motorola may substitute any Equipment, Software, or services to be provided by Motorola, if the substitute meets or exceeds the Specifications and is of equivalent or better quality to the Customer. Any substitution will be reflected in a change order.

Section 4 ACCEPTANCE, PERFORMANCE SCHEDULE AND DELAYS

4.1 Acceptance of the Products will occur upon delivery to Customer unless the statement of work provides for acceptance verification or testing, in which case acceptance of the Products will occur upon successful completion of the acceptance verification or testing. Notwithstanding the preceding sentence, Customer's use of the Products for their operational purposes will constitute acceptance.

4.2 If this Addendum includes the performance of services relating to the Product, the proposal/quote or statement of work will describe the performance schedule, or if there is no performance schedule, within a reasonable period of time.

Section 5 CONTRACT PRICE, PAYMENT, AND INVOICING

5.1. PRODUCT PRICE. The Product Price in U.S. dollars is set forth in Exhibit B and is due and payable upon Acceptance.

5.2. INVOICING AND PAYMENT. Motorola will submit invoices to Customer for Products and for installation or related services when they are performed. Customer will make payments to Motorola within thirty (30) days after the date of each invoice. Invoices will be mailed or emailed to Customer pursuant to Section 5.4, Invoicing and Shipping Addresses. Customer will make payments when due in the form of a wire transfer, check, or cashier's check from a U.S. financial institution. Overdue invoices will bear simple interest at the maximum allowable rate. For Customer's reference, the Federal Tax Identification Number for Motorola Solutions, Inc. is 36-1115800

5.3 FREIGHT, TITLE, AND RISK OF LOSS. Motorola will pre-pay and add all freight charges to the invoices. Title and risk of loss to the Equipment will pass to Customer upon shipment. Title to Software

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will not pass to Customer at any time. Motorola will pack and ship all Equipment in accordance with good commercial practices.

5.4 INVOICING AND SHIPPING ADDRESSES. Invoices will be sent to the Customer at the following
name:
address:_____
phone: _____

E-INVOICE. To receive invoices via email:
Customer Account Number:_____
Customer Accounts Payable Email:_____
Customer CC(optional) Email: _____
.
The Equipment will be shipped to the Customer at the final, following address (insert if this information is known):_____.

Customer may change this information by giving written notice to Motorola.

Section 6 SITES AND SITE CONDITIONS

6.1. ACCESS TO SITES. If Motorola is providing installation or other services, Customer will provide all necessary construction and building permits, licenses, and the like; and access to the work sites or vehicles identified in the Technical and Implementation Documents as reasonably requested by Motorola so that it may perform its contractual duties.

6.2. SITE CONDITIONS. If Motorola is providing installation or other services at Customer's sites, Customer will ensure that these work sites be safe, secure, and in compliance with all applicable industry and OSHA standards. To the extent applicable and unless the Statement of Work states to the contrary, Customer will ensure that these work sites have adequate: physical space, air conditioning and other environmental conditions; adequate and appropriate electrical power outlets, distribution, equipment and connections; and adequate telephone or other communication lines (including modem access and adequate interfacing networking capabilities), all for the installation, use and maintenance of the Products.

Section 7 REPRESENTATIONS AND WARRANTIES

7.1. EQUIPMENT WARRANTY. During the Warranty Period, Motorola warrants that the Equipment under normal use and service will be free from material defects in materials and workmanship. If Acceptance is delayed beyond six (6) months after shipment of the Products by events or causes within Customer's control, this warranty expires eighteen (18) months after the shipment of the Products.

7.2. MOTOROLA SOFTWARE WARRANTY. Unless otherwise stated in the Software License Agreement, during the Warranty Period, Motorola warrants the Motorola Software in accordance with the terms of the Software License Agreement and the provisions of this Section that are applicable to the Motorola Software. If Acceptance is delayed beyond six (6) months after shipment of the Software by events or causes within Customer's control, this warranty expires eighteen (18) months after the shipment of the Software.

7.3. EXCLUSIONS TO EQUIPMENT AND MOTOROLA SOFTWARE WARRANTIES. These warranties do not apply to: (i) defects or damage resulting from: use of the Equipment or Motorola

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Software in other than its normal, customary, and authorized manner; accident, liquids, neglect, or acts of God; testing, maintenance, disassembly, repair, installation, alteration, modification, or adjustment not provided or authorized in writing by Motorola; Customer's failure to comply with all applicable industry and OSHA standards; (ii) breakage of or damage to antennas unless caused directly by defects in material or workmanship; (iii) Equipment that has had the serial number removed or made illegible; (iv) batteries (because they carry their own separate limited warranty) or consumables; (v) freight costs to ship Equipment to the repair depot; (vi) scratches or other cosmetic damage to Equipment surfaces that does not affect the operation of the Equipment; and (vii) normal or customary wear and tear.

7.4. WARRANTY CLAIMS. To assert a warranty claim, Customer must notify Motorola in writing of the claim before the expiration of the Warranty Period. Upon receipt of this notice, Motorola will investigate the warranty claim. If this investigation confirms a valid warranty claim, Motorola will (at its option and at no additional charge to Customer) repair the defective Equipment or Motorola Software, replace it with the same or equivalent product, or refund the price of the defective Equipment or Motorola Software. That action will be the full extent of Motorola's liability for the warranty claim. If this investigation indicates the warranty claim is not valid, then Motorola may invoice Customer for responding to the claim on a time and materials basis using Motorola's then current labor rates. Repaired or replaced product is warranted for the balance of the original applicable Warranty Period. All replaced products or parts will become the property of Motorola.

7.5. ORIGINAL END USER IS COVERED. These express limited warranties are extended by Motorola to the original user purchasing the Products for commercial, industrial, or governmental use only, and are not assignable or transferable.

7.6. DISCLAIMER OF OTHER WARRANTIES. THESE WARRANTIES ARE THE COMPLETE WARRANTIES FOR THE EQUIPMENT AND MOTOROLA SOFTWARE PROVIDED UNDER THIS ADDENDUM AND ARE GIVEN IN LIEU OF ALL OTHER WARRANTIES. MOTOROLA DISCLAIMS ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Section 8 INDEMNIFICATION

8.1. GENERAL INDEMNITY BY MOTOROLA. Motorola will indemnify and hold Customer harmless from any and all liability, expense, judgment, suit, cause of action, or demand for personal injury, death, or direct damage to tangible property which may accrue against Customer to the extent it is caused by the negligence of Motorola, its subcontractors, or their employees or agents, while performing their duties under this Addendum, if Customer gives Motorola prompt, written notice of any claim or suit. Customer will cooperate with Motorola in its defense or settlement of the claim or suit. This section sets forth the full extent of Motorola's general indemnification of Customer from liabilities that are in any way related to Motorola's performance under this Addendum.

8.2. PATENT AND COPYRIGHT INFRINGEMENT INDEMNIFICATION

8.2.1. Motorola will defend at its expense any suit brought against Customer to the extent it is based on a third-party claim alleging that the Equipment manufactured by Motorola or the Motorola Software ("Motorola Product") directly infringes a United States patent or copyright ("Infringement Claim"). Motorola's duties to defend and indemnify are conditioned upon: Customer promptly notifying Motorola in writing of the Infringement Claim; Motorola having sole control of the defense of the suit and all

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negotiations for its settlement or compromise; and Customer providing to Motorola cooperation and, if requested by Motorola, reasonable assistance in the defense of the Infringement Claim. In addition to Motorola's obligation to defend, and subject to the same conditions, Motorola will pay all damages finally awarded against Customer by a court of competent jurisdiction for an Infringement Claim or agreed to, in writing, by Motorola in settlement of an Infringement Claim.

8.2.2. If an Infringement Claim occurs, or in Motorola's opinion is likely to occur, Motorola may at its option and expense: (a) procure for Customer the right to continue using the Motorola Product; (b) replace or modify the Motorola Product so that it becomes non-infringing while providing functionally equivalent performance; or (c) accept the return of the Motorola Product and grant Customer a credit for the Motorola Product, less a reasonable charge for depreciation. The depreciation amount will be calculated based upon generally accepted accounting standards.

8.2.3. Motorola will have no duty to defend or indemnify for any Infringement Claim that is based upon: (a) the combination of the Motorola Product with any software, apparatus or device not furnished by Motorola; (b) the use of ancillary equipment or software not furnished by Motorola and that is attached to or used in connection with the Motorola Product; (c) Motorola Product designed or manufactured in accordance with Customer's designs, specifications, guidelines or instructions, if the alleged infringement would not have occurred without such designs, specifications, guidelines or instructions; (d) a modification of the Motorola Product by a party other than Motorola; (e) use of the Motorola Product in a manner for which the Motorola Product was not designed or that is inconsistent with the terms of this Addendum; or (f) the failure by Customer to install an enhancement release to the Motorola Software that is intended to correct the claimed infringement. In no event will Motorola's liability resulting from its indemnity obligation to Customer extend in any way to royalties payable on a per use basis or the Customer's revenues, or any royalty basis other than a reasonable royalty based upon revenue derived by Motorola from Customer from sales or license of the infringing Motorola Product.

8.2.4. This Section 8.2 provides Customer's sole and exclusive remedies and Motorola's entire liability in the event of an Infringement Claim. Customer has no right to recover and Motorola has no obligation to provide any other or further remedies, whether under another provision of this Addendum or any other legal theory or principle, in connection with an Infringement Claim. In addition, the rights and remedies provided in this Section 8 are subject to and limited by the restrictions set forth in Section 9.

Section 9 LIMITATION OF LIABILITY

Except for personal injury, death or damage to tangible property, Motorola's total liability, whether for breach of contract, warranty, negligence, strict liability in tort, indemnification, or otherwise, will be limited to the direct damages recoverable under law, but not to exceed the price of the Equipment, Software, or services with respect to which losses or damages are claimed. ALTHOUGH THE PARTIES ACKNOWLEDGE THE POSSIBILITY OF SUCH LOSSES OR DAMAGES, THEY AGREE THAT MOTOROLA WILL NOT BE LIABLE FOR ANY COMMERCIAL LOSS; INCONVENIENCE; LOSS OF USE, TIME, DATA, GOOD WILL, REVENUES, PROFITS OR SAVINGS; OR OTHER SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO OR ARISING FROM THIS ADDENDUM, THE SALE OR USE OF THE EQUIPMENT OR SOFTWARE, OR THE PERFORMANCE OF SERVICES BY MOTOROLA PURSUANT TO THIS ADDENDUM. This limitation of liability provision survives the expiration or termination of the Addendum and applies notwithstanding any contrary provision. No action for contract breach or otherwise relating to the transactions contemplated

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by this Addendum may be brought more than one (1) year after the accrual of the cause of action, except for money due upon an open account.

Section 10 GENERAL

10.1. TAXES. The Contract Price does not include excise, sales, lease, use, property, or other taxes, assessments or duties, all of which will be paid by Customer except as exempt by law. If Motorola is required to pay any of these taxes, Motorola will send an invoice to Customer and Customer will pay to Motorola the amount of the taxes (including any interest and penalties) within thirty (30) days after the date of the invoice. Customer will be solely responsible for reporting the Equipment for personal property tax purposes, and Motorola will be solely responsible for reporting taxes on its income or net worth.

10.2 MISCELLANEOUS. This addendum may be executed in multiple counterparts, and shall have the same legal force and effect as if the Parties had executed it as a single document. The Parties may sign in writing, or by electronic signature, including by email. An electronic signature, or a facsimile copy or computer image, such as a PDF or tiff image, of a signature, shall be treated as and shall have the same effect as an original signature. In addition, an electronic signature, a true and correct facsimile copy or computer image of this Addendum shall be treated as and shall have the same effect as an original signed copy of this document.

10.3 AUTHORITY TO EXECUTE ADDENDUM. Each Party represents that it has obtained all necessary approvals, consents and authorizations to enter into this Addendum and to perform its duties under this Addendum; the person executing this Addendum on its behalf has the authority to do so; upon execution and delivery of this Addendum by the Parties, it is a valid and binding contract, enforceable in accordance with its terms; and the execution, delivery, and performance of this Addendum does not violate any bylaw, charter, regulation, law or any other governing authority of the Party.

The Parties hereby enter into this Addendum as of the Effective Date.

Motorola Solutions, Inc.	**Customer**
By:_____	By: _____
Name:_____	Name: _____
Title:_____	Title: _____
Date:_____	Date: _____

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EXHIBIT A
MOTOROLA SOFTWARE LICENSE AGREEMENT

This Exhibit A Motorola Software License Agreement ("Agreement") is between Motorola Solutions, Inc., (“Motorola"), and_____(“Licensee”).

For good and valuable consideration, the parties agree as follows:

Section 1 DEFINITIONS

1.1 “Designated Products” means products provided by Motorola to Licensee with which or for which the Software and Documentation is licensed for use.

1.2 “Documentation” means product and software documentation that specifies technical and performance features and capabilities, and the user, operation and training manuals for the Software (including all physical or electronic media upon which such information is provided).

1.3 “Open Source Software” means software with either freely obtainable source code, license for modification, or permission for free distribution.

1.4 “Open Source Software License” means the terms or conditions under which the Open Source Software is licensed.

1.5 “Primary Agreement” means the Addendum to which this exhibit is attached.

1.6 “Security Vulnerability” means a flaw or weakness in system security procedures, design, implementation, or internal controls that could be exercised (accidentally triggered or intentionally exploited) and result in a security breach such that data is compromised, manipulated or stolen or the system damaged.

1.7 “Software” (i) means proprietary software in object code format, and adaptations, translations, de-compilations, disassemblies, emulations, or derivative works of such software; (ii) means any modifications, enhancements, new versions and new releases of the software provided by Motorola; and (iii) may contain one or more items of software owned by a third party supplier. The term "Software" does not include any third party software provided under separate license or third party software not licensable under the terms of this Agreement.

Section 2 SCOPE

Motorola and Licensee enter into this Agreement in connection with Motorola's delivery of certain proprietary software or products containing embedded or pre-loaded proprietary software, or both. This Agreement contains the terms and conditions of the license Motorola is providing to Licensee, and Licensee’s use of the proprietary software and affiliated documentation.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Section 3 GRANT OF LICENSE

3.1. Subject to the provisions of this Agreement and the payment of applicable license fees, Motorola grants to Licensee a personal, limited, non-transferable (except as permitted in Section 7) and non-exclusive license under Motorola's copyrights and Confidential Information (as defined in the Primary Agreement) embodied in the Software to use the Software, in object code form, and the Documentation solely in connection with Licensee's use of the Designated Products. This Agreement does not grant any rights to source code.

3.2. If the Software licensed under this Agreement contains or is derived from Open Source Software, the terms and conditions governing the use of such Open Source Software are in the Open Source Software Licenses of the copyright owner and not this Agreement. If there is a conflict between the terms and conditions of this Agreement and the terms and conditions of the Open Source Software Licenses governing Licensee's use of the Open Source Software, the terms and conditions of the license grant of the applicable Open Source Software Licenses will take precedence over the license grants in this Agreement. If requested by Licensee, Motorola will use commercially reasonable efforts to: (i) determine whether any Open Source Software is provided under this Agreement; and (ii) identify the Open Source Software (or specify where that license may be found).

3.3 TO THE EXTENT, IF ANY, THAT THERE IS A SEPARATE LICENSE AGREEMENT PACKAGED WITH, OR PROVIDED ELECTRONICALLY WITH, A PARTICULAR PRODUCT THAT BECOMES EFFECTIVE ON AN ACT OF ACCEPTANCE BY THE END USER, THEN THAT AGREEMENT SUPERSEDES THIS SOFTWARE LICENSE AGREEMENT AS TO THE END USER OF EACH SUCH PRODUCT.

Section 4 LIMITATIONS ON USE

4.1. Licensee may use the Software only for Licensee's internal business purposes and only in accordance with the Documentation. Any other use of the Software is strictly prohibited. Without limiting the general nature of these restrictions, Licensee will not make the Software available for use by third parties on a "time sharing," "application service provider," or "service bureau" basis or for any other similar commercial rental or sharing arrangement.

4.2. Licensee will not, and will not allow or enable any third party to: (i) reverse engineer, disassemble, peel components, decompile, reprogram or otherwise reduce the Software or any portion to a human perceptible form or otherwise attempt to recreate the source code; (ii) modify, adapt, create derivative works of, or merge the Software; (iii) copy, reproduce, distribute, lend, or lease the Software or Documentation to any third party, grant any sublicense or other rights in the Software or Documentation to any third party, or take any action that would cause the Software or Documentation to be placed in the public domain; (iv) remove, or in any way alter or obscure, any copyright notice or other notice of Motorola's proprietary rights; (v) provide, copy, transmit, disclose, divulge or make the Software or Documentation available to, or permit the use of the Software by any third party or on any machine except as expressly authorized by this Agreement; or (vi) use, or permit the use of, the Software in a manner that would result in the production of a copy of the Software solely by activating a machine containing the Software. Licensee may make one copy of Software to be used solely for archival, back-up, or disaster

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recovery purposes; provided that Licensee may not operate that copy of the Software at the same time as the original Software is being operated. Licensee may make as many copies of the Documentation as it may reasonably require for the internal use of the Software.

4.3. Unless otherwise authorized by Motorola in writing, Licensee will not, and will not enable or allow any third party to: (i) install a licensed copy of the Software on more than one unit of a Designated Product; or (ii) copy onto or transfer Software installed in one unit of a Designated Product onto one other device. Licensee may temporarily transfer Software installed on a Designated Product to another device if the Designated Product is inoperable or malfunctioning, if Licensee provides written notice to Motorola of the temporary transfer and identifies the device on which the Software is transferred. Temporary transfer of the Software to another device must be discontinued when the original Designated Product is returned to operation and the Software must be removed from the other device. Licensee must provide prompt written notice to Motorola at the time temporary transfer is discontinued.

4.4 Licensee will maintain, during the term of this Agreement and for a period of two years thereafter, accurate records relating to this license grant to verify compliance with this Agreement. Motorola or an independent third party ("Auditor") may inspect Licensee's premises, books and records, upon reasonable prior notice to Licensee, during Licensee's normal business hours and subject to Licensee's facility and security regulations. Motorola is responsible for the payment of all expenses and costs of the Auditor. Any information obtained by Motorola and the Auditor will be kept in strict confidence by Motorola and the Auditor and used solely for the purpose of verifying Licensee's compliance with the terms of this Agreement.

Section 5 OWNERSHIP AND TITLE

Motorola, its licensors, and its suppliers retain all of their proprietary rights in any form in and to the Software and Documentation, including, but not limited to, all rights in patents, patent applications, inventions, copyrights, trademarks, trade secrets, trade names, and other proprietary rights in or relating to the Software and Documentation (including any corrections, bug fixes, enhancements, updates, modifications, adaptations, translations, de-compilations, disassemblies, emulations to or derivative works from the Software or Documentation, whether made by Motorola or another party, or any improvements that result from Motorola's processes or, provision of information services). No rights are granted to Licensee under this Agreement by implication, estoppel or otherwise, except for those rights which are expressly granted to Licensee in this Agreement. All intellectual property developed, originated, or prepared by Motorola in connection with providing the Software, Designated Products, Documentation or related services, remains vested exclusively in Motorola, and Licensee will not have any shared development or other intellectual property rights.

Section 6 LIMITED WARRANTY; DISCLAIMER OF WARRANTY

6.1. Unless otherwise stated in the Primary Agreement, the commencement date and the term of the Software warranty will be a period of ninety (90) days from Motorola's shipment of the Software (the "Warranty Period"). If Licensee is not in breach of any of its obligations under this Agreement, Motorola warrants that the unmodified Software, when used properly and in accordance with the Documentation and this Agreement, will be free from a reproducible defect that eliminates the functionality or successful

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operation of a feature critical to the primary functionality or successful operation of the Software. Whether a defect occurs will be determined by Motorola solely with reference to the Documentation. Motorola does not warrant that Licensee's use of the Software or the Designated Products will be uninterrupted, error-free, completely free of Security Vulnerabilities, or that the Software or the Designated Products will meet Licensee's particular requirements. Motorola makes no representations or warranties with respect to any third party software included in the Software. Notwithstanding, any warranty provided by a copyright owner in its standard license terms will flow through to Licensee for third party software provided by Motorola.

6.2 Motorola's sole obligation to Licensee and Licensee's exclusive remedy under this warranty is to use reasonable efforts to remedy any material Software defect covered by this warranty. These efforts will involve either replacing the media or attempting to correct significant, demonstrable program or documentation errors or Security Vulnerabilities. If Motorola cannot correct the defect within a reasonable time, then at Motorola's option, Motorola will replace the defective Software with functionally-equivalent Software, license to Licensee substitute Software which will accomplish the same objective, or terminate the license and refund the Licensee's paid license fee.

6.3. Warranty claims are described in the Primary Agreement.

6.4. The express warranties set forth in this Section 6 are in lieu of, and Motorola disclaims, any and all other warranties (express or implied, oral or written) with respect to the Software or Documentation, including, without limitation, any and all implied warranties of condition, title, non-infringement, merchantability, or fitness for a particular purpose or use by Licensee (whether or not Motorola knows, has reason to know, has been advised, or is otherwise aware of any such purpose or use), whether arising by law, by reason of custom or usage of trade, or by course of dealing. In addition, Motorola disclaims any warranty to any person other than Licensee with respect to the Software or Documentation.

Section 7 TRANSFERS

Licensee will not transfer the Software or Documentation to any third party without Motorola's prior written consent. Motorola's consent may be withheld at its discretion and may be conditioned upon transferee paying all applicable license fees and agreeing to be bound by this Agreement. If the Designated Products are Motorola's radio products and Licensee transfers ownership of the Motorola radio products to a third party, Licensee may assign its right to use the Software (other than CPS and Motorola's FLASHport® software) which is embedded in or furnished for use with the radio products and the related Documentation; *provided* that Licensee transfers all copies of the Software and Documentation to the transferee, and Licensee and the transferee sign a transfer form to be provided by Motorola upon request, obligating the transferee to be bound by this Agreement.

Section 8 TERM AND TERMINATION

8.1 Licensee's right to use the Software and Documentation will begin when the Primary Agreement is signed by both parties and will continue for the life of the Designated Products with which or for which the Software and Documentation have been provided by Motorola, unless Licensee breaches this Agreement, in which case this Agreement and Licensee's right to use the Software and Documentation may be terminated immediately upon notice by Motorola.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

8.2 Within thirty (30) days after termination of this Agreement, Licensee must certify in writing to Motorola that all copies of the Software have been removed or deleted from the Designated Products and that all copies of the Software and Documentation have been returned to Motorola or destroyed by Licensee and are no longer in use by Licensee.

8.3 Licensee acknowledges that Motorola made a considerable investment of resources in the development, marketing, and distribution of the Software and Documentation and that Licensee's breach of this Agreement will result in irreparable harm to Motorola for which monetary damages would be inadequate. If Licensee breaches this Agreement, Motorola may terminate this Agreement and be entitled to all available remedies at law or in equity (including immediate injunctive relief and repossession of all non-embedded Software and associated Documentation unless Licensee is a Federal agency of the United States Government).

Section 9 COMMERCIAL COMPUTER SOFTWARE

9.1 *This Section 9 only applies to U.S. Government end users.* The Software, Documentation and updates are commercial items as that term is defined at 48 C.F.R. Part 2.101, consisting of “commercial computer software” and “computer software documentation” as such terms are defined in 48 C.F.R. Part 252.227-7014(a)(1) and 48 C.F.R. Part 252.227-7014(a)(5), and used in 48 C.F.R. Part 12.212 and 48 C.F.R. Part 227.7202, as applicable. Consistent with 48 C.F.R. Part 12.212, 48 C.F.R. Part 252.227-7015, 48 C.F.R. Part 227.7202-1 through 227.7202-4, 48 C.F.R. Part 52.227-19, and other relevant sections of the Code of Federal Regulations, as applicable, the Software, Documentation and Updates are distributed and licensed to U.S. Government end users: (i) only as commercial items, and (ii) with only those rights as are granted to all other end users pursuant to the terms and conditions contained herein.

9.2 If Licensee is licensing Software for end use by the United States Government or a United States Government agency, Licensee may transfer such Software license, but only if: (i) Licensee transfers all copies of such Software and Documentation to such United States Government entity or interim transferee, and (ii) Licensee has first obtained from the transferee (if applicable) and ultimate end user an enforceable end user license agreement containing restrictions substantially identical to the ones contained in this Agreement. Except as stated in the foregoing, Licensee and any transferee(s) authorized by this subsection 9.2 may not otherwise use or transfer or make available any Motorola software to any third party nor permit any party to do so.

Section 10 CONFIDENTIALITY

Licensee acknowledges that the Software and Documentation contain Motorola’s valuable proprietary and Confidential Information and are Motorola’s trade secrets, and that the provisions in the Primary Agreement concerning Confidential Information apply.

Section 11 LIMITATION OF LIABILITY

The Limitation of Liability provision is described in the Equipment Sale Addendum.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Section 13 GENERAL

13.1. COPYRIGHT NOTICES. The existence of a copyright notice on the Software will not be construed as an admission or presumption of publication of the Software or public disclosure of any trade secrets associated with the Software.

13.2. COMPLIANCE WITH LAWS. Licensee acknowledges that the Software is subject to the laws and regulations of the United States and Licensee will comply with all applicable laws and regulations, including export laws and regulations of the United States. Licensee will not, without the prior authorization of Motorola and the appropriate governmental authority of the United States, in any form export or re-export, sell or resell, ship or reship, or divert, through direct or indirect means, any item or technical data or direct or indirect products sold or otherwise furnished to any person within any territory for which the United States Government or any of its agencies at the time of the action, requires an export license or other governmental approval. Violation of this provision is a material breach of this Agreement.

13.3. ASSIGNMENTS AND SUBCONTRACTING. Motorola may assign its rights or subcontract its obligations under this Agreement, or encumber or sell its rights in any Software, without prior notice to or consent of Licensee.

13.4. GOVERNING LAW. This Agreement is governed by the laws of the United States to the extent that they apply and otherwise by the internal substantive laws of the State to which the Software is shipped if Licensee is a sovereign government entity, or the internal substantive laws of the State of Illinois if Licensee is not a sovereign government entity. The terms of the U.N. Convention on Contracts for the International Sale of Goods do not apply. In the event that the Uniform Computer Information Transaction Act, any version of this Act, or a substantially similar law (collectively "UCITA") becomes applicable to a party's performance under this Agreement, UCITA does not govern any aspect of this Agreement or any license granted under this Agreement, or any of the parties' rights or obligations under this Agreement. The governing law will be that in effect prior to the applicability of UCITA.

13.5. THIRD PARTY BENEFICIARIES. This Agreement is entered into solely for the benefit of Motorola and Licensee. No third party has the right to make any claim or assert any right under this Agreement, and no third party is deemed a beneficiary of this Agreement. Notwithstanding the foregoing, any licensor or supplier of third party software included in the Software will be a direct and intended third party beneficiary of this Agreement.

13.6. SURVIVAL. Sections 4, 5, 6.4, 7, 8, 9, 10, 11 and 13 survive the termination of this Agreement.

13.7. ORDER OF PRECEDENCE. In the event of inconsistencies between this Exhibit and the Primary Agreement, the parties agree that this Exhibit prevails, only with respect to the specific subject matter of this Exhibit, and not the Primary Agreement or any other exhibit as it applies to any other subject matter.

13.8 SECURITY. Motorola uses reasonable means in the design and writing of its own Software and the acquisition of third party Software to limit Security Vulnerabilities. While no software can be guaranteed to be free from Security Vulnerabilities, if a Security Vulnerability is discovered, Motorola will take the steps set forth in Section 6 of this Agreement.

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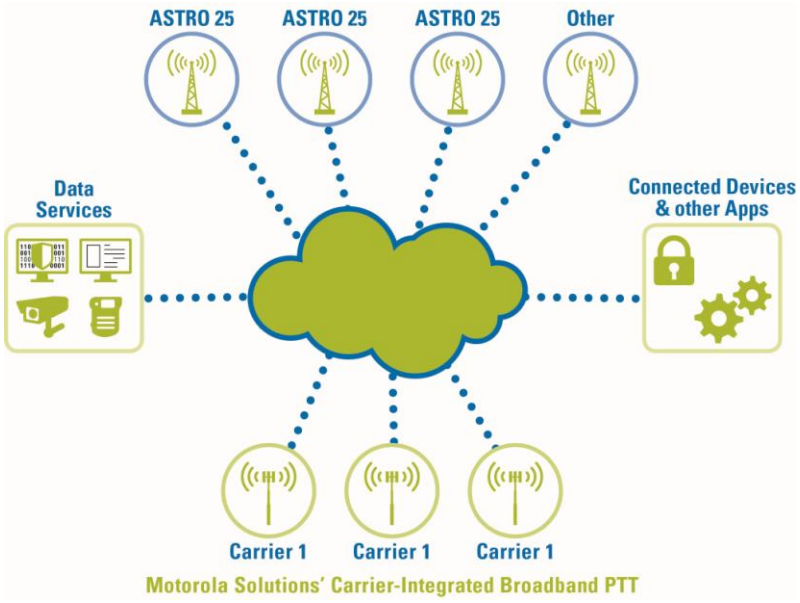
CRITICAL CONNECT SOLUTION DESCRIPTION

Motorola Solutions' Critical Connect solution enables cloud-based interoperability between different networks, agencies, and application to eliminate barriers and unify communications. This real-time exchange of voice, data, video, messaging, location, and enhanced intelligence between inter-jurisdictional agencies leads to more detailed intelligence and more informed response, regardless of device or network.

The value of Critical Connect grows as more agencies connect, encouraging interagency cooperation through data sharing and system interoperability. For member agencies, the enhanced collaboration and increased efficiency available through Critical Connect reduce the distraction of managing a complex communication center and enable users to focus their attention and resources on critical operations.

The Critical Connect solution is centered on the following elements:

- **Ease of Use** – A single, secure ISSI connection provides standards-based interoperability, reducing both the cost and complexity of interoperable PTT communications. The cloud-based interface connects multiple agencies and locations to provide a unified operating picture.
- **Flexible & Scalable** – Allows users to quickly set up and scale connections from a directory of agencies and broadband PTT carriers. Interoperable connections are easy to maintain and can grow in terms of capacity, unique connections, features, and future services, allowing the solution to quickly evolve over time.
- **Versatility** – Supports multiple types of communications, such as ASTRO 25 to ASTRO 25 communications and ASTRO 25 to carrier-integrated broadband push-to-X (talk, messaging, and mapping).



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Critical Connect grants users access to the following features to improve coordination and agency response:

- **Talkgroup Linking** – Administrators can link local and remote talkgroups to provide voice interoperability with enhanced capabilities like sharing of group IDs, user IDs, and emergency calls and alerts. Up to eight talkgroups can be linked per connection, and the type of talkgroups that can be linked include radio local and remote talkgroups, broadband PTT local, and remote talkgroups.
- **Manual Roaming** – Administrators can enable manual roaming by linking home and foreign talkgroups through the Critical Connect Portal using the talkgroup linking feature. Home radio users must be programmed and allowed in the foreign systems being visited.
- **Automatic Roaming** – Automatic Roaming enables a radio roaming into a foreign system to continue talking with its home talkgroup without having to change channels. There is no intervention required by an administrator in the Critical Connect Portal to enable this feature. This capability is only setup and configured during Critical Connect onboarding.
- **Architecture** – Critical Connect is hosted in highly-secured, geographically separated dual cloud datacenters. All traffic leaving a customer's premises is encrypted using AES-256.
- **Redundancy** – Critical Connect offers multiple levels of redundancy. At the cloud, by default we have in-data center redundancy in addition to geo-redundancy if a data center is lost. On the customer premises, optional multiple edge gateways provide redundancy for ASTRO DSR configurations. Agencies can choose to add additional backhaul redundancy through the use of multiple ISPs or MPLS provides.

Critical Connect Portal

Through the Critical Connect portal, users have access to a variety of management tools and capabilities, as well as a map of internal and external talkgroups—different types of talkgroups, such as ASTRO 25 radio and broadband, are supported. Users have the ability to remove or reject pre-approved talkgroups as necessary.

Through the Critical Connect portal, Motorola Solutions' Link Manager enables interoperability across broadband PTT talkgroups and LMR talkgroups, providing secure, web-based access to broadband talkgroups and LMR talkgroups that are part of an agency's configuration. Users can dynamically link one or more broadband and LMR talkgroups (up to eight talkgroups per connection or tile). The Critical Connect Portal also allows users to share a talkgroup outside of their agency to other agencies, using an "Invite-Approve-Reject" model in these situations. Talkgroups shared outside of an agency are viewed as external talkgroups. Agency administrators can create a talkgroup link across internal as well as external agency talkgroup.

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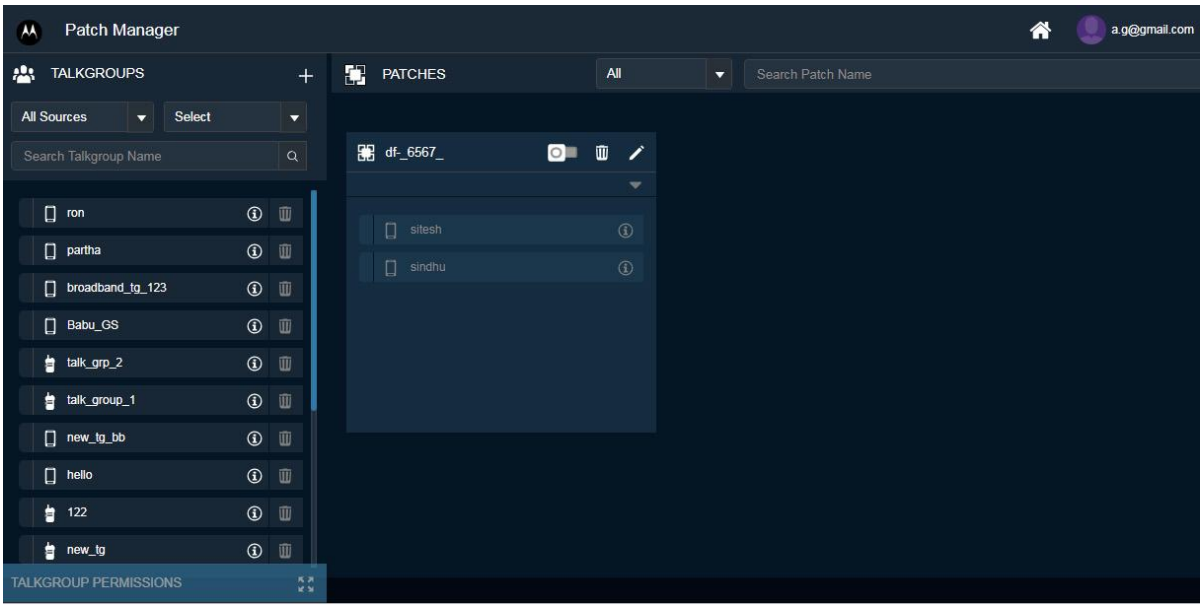

Critical Connect Portal's Patch Manager Screen

Proposed Connections

Critical Connect offers up to 20 unique connections between the ASTRO 25 system and carrier-integrated, mission-critical PTT or other ASTRO 25 systems, and up to 50 simultaneous talk paths. Motorola Solutions proposes the package below to meet specific capacity needs:

2 Unique Connections	
Package	Unique Connections - 2 Simultaneous Talk Paths - 10
Basic PTT Interoperability (includes LMR-BB and LMR-LMR)	Unique Connections - 2 Simultaneous Talk Paths - 10

5 Unique Connections	
Package	Unique Connections - 5 Simultaneous Talk Paths - 25
Basic PTT Interoperability (includes LMR-BB and LMR-LMR)	Unique Connections - 5 Simultaneous Talk Paths - 25

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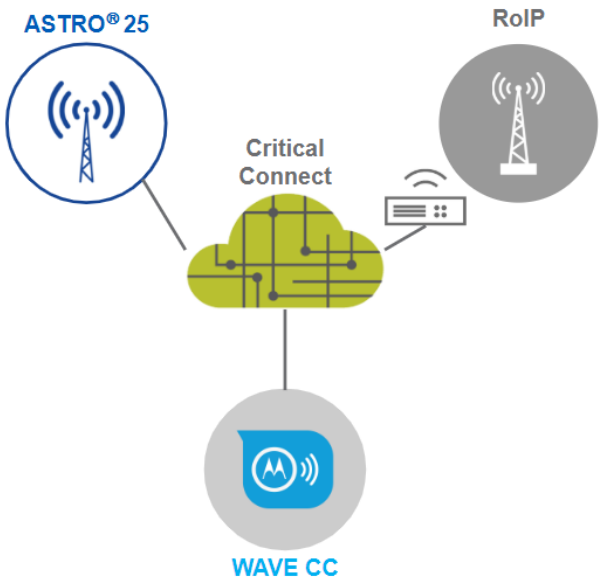
20 Unique Connections	
Package	Unique Connections - 20 Simultaneous Talk Paths - 50
Basic PTT Interoperability (includes LMR-BB and LMR-LMR)	Unique Connections - 20 Simultaneous Talk Paths - 50

Radio-over-IP (ROIP) LINK (Optional)



If proposed, ASTRO 25 customers have the option of buying Motorola Solutions' Critical Connect offer to perform connectivity between their home radio system and other ASTRO 25 systems in their area or across state boundaries. Critical Connect also works with broadband PTT subscriptions like WAVE for Critical Connect or Carrier-Integrated PTT offers powered by Motorola Solutions.

With the optional RoIP interface addition, ASTRO 25 users with Critical Connect can link non-standard based radio systems with their home radio talkgroups like analog sites, conventional and trunking non-ASTRO sites, and DMR type systems through a donor radio connected to the RoIP gateway.

RoIP provides basic voice and PTT control (COR signaling) that is converted into an accessible talkgroup by Critical Connect and can be linked (patched) to other talkgroups.

To enable this feature, Critical Connect customers must license the RoIP link feature and procure the RoIP gateways from Cubic Vocality or one of its dealerships.

Critical Connect uses third-party RoIP gateways to support this functionality. Today, we use the Cubic Vocality RoIP Gateway. Using Cubic's Vocality RoIP gateway, users can connect a donor radio or control station's 4-wire* interface and convert it into a secure IP-based radio talkgroup that will show up in the Critical Connect Portal as another talkgroup.

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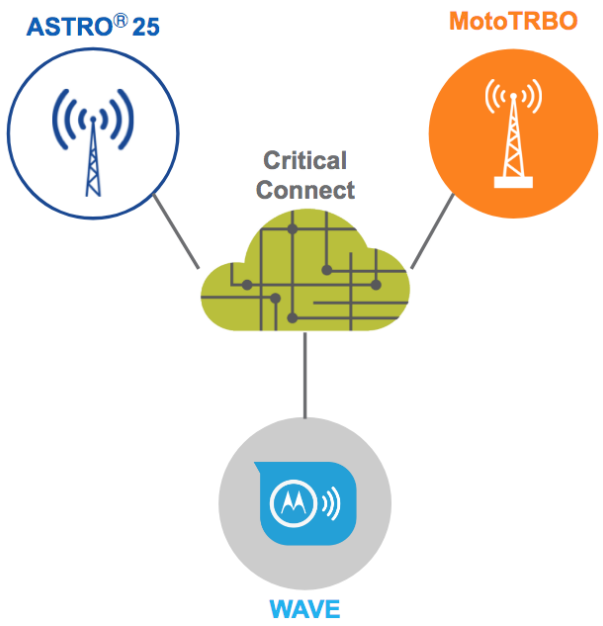
The Vocality RoIP gateway uses a secure TLS AES-256 connection to Critical Connect, providing a secure IP connection for radio communications. Once the talkgroup is available in the portal, it can be linked with other resources such as P25 talkgroups and/or Broadband PTT talkgroups (WAVE).

With the Vocality RoIP gateway, up to four talkgroups per gateway can be configured to connect to Critical Connect.

**Motorola Solutions recommends using donor radios or control stations that provide COR signaling for the best user experience. Most mobile radios do this but typically portable radios do not provide a COR signal.*

MOTOTRBO LINK (Optional)

If proposed, ASTRO 25 customers have the option of buying the MOTOTRBO link interface on Critical Connect to access radio users of MOTOTRBO systems, like K12 school systems, universities, utilities and Public Civilian systems, relying on this technology. Critical Connect customers will be able to link P25 and MOTOTRBO talkgroups easily through the use of the Critical Connect Portal. This connection can also be expanded to include Broadband PTT such as a WAVE.



The MOTOTRBO link interface is compatible with several different flavors of MOTOTRBO, such as Capacity Plus, Link Capacity Plus, Capacity Max, and IP Site Connect.

To enable this feature, Critical Connect customers must license the MOTOTRBO link feature and MOTOTRBO customers must procure the TRBO WRG gateway through the “bring your own gateway” offered by commercial dealers.

SmartMessaging Integration (Optional)

If proposed, SmartMessaging is an application service that allows APX NEXT users to seamlessly and discreetly share multimedia communications over a Broadband connection, offloading traffic from mission-critical LMR networks while enhancing public safety capabilities. From the APX NEXT home screen, users can send more detailed multimedia messages, with image, video, or audio file attachments, to enhance situational awareness and improve response success. An enhanced search

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and history functionality is available for users to easily access previous messages by name, content, and time range, helping them find specific information when needed.

SmartMessaging further enhances the capabilities of first responders and dispatchers with the following optional features.

Wave Messaging Dispatch

The Wave Messaging Dispatch Console is a windows-based application that allows dispatchers and personnel to exchange multimedia messages with APX Next subscribers in the field. This feature supports messaging with text, pictures, or video files, and messages can be sent to individuals or predefined groups of subscribers.

Only the Wave Dispatch Multimedia Messaging capability extends to APX NEXT subscribers.

LMR Message Interop

The SmartMessaging LMR Message Interop feature integrates with properly equipped ASTRO 25 systems and allows text message communications between APX and APX NEXT subscribers. APX subscribers equipped with an alphanumeric display can receive and display the text portion of messages. APX subscribers equipped with a keypad can be used to originate text messages. Multimedia content is not supported by APX subscribers, so SmartMessaging does not send this content over the ASTRO 25 system. SmartMessaging will segment messages that exceed the APX 150 character limit into two or more separate text messages. Users must view the segmented messages separately.

ASTRO 25 subscribers may only be provisioned on a single messaging service. Devices provisioned on PremierOne CAD or Flex CAD systems may not be provisioned on SmartMessaging.

ASTRO 25 infrastructure must be 7.17 or later, support IV&D operation and have sufficient RF capacity to support the message traffic. The system must be equipped with IMW version 5.2.2 or later. APX subscribers must have IV&D data enabled. SmartMessaging does not use Enhanced Data.

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WAVE PTT SOLUTION OVERVIEW

To offer greater flexibility and allow agencies to implement a device-agnostic and carrier-independent policy for push-to-talk (PTT) communications, Motorola Solutions offers WAVE integration to Critical Connect customers.

WAVE is a cloud-based solution that enables interoperable PTT across devices, networks, and locations. Users receive instant, reliable PTT that extends communications beyond the coverage provided by an LMR system. With easy installation and straightforward provisioning of new users, WAVE can easily scale and adapt as needs evolve. Costs are kept predictable with a low monthly subscription, offering reliable and budget-friendly unified communications. This simplified pricing structure consists of a monthly, per-user plan with broadband and LMR interoperability.

WAVE enhances your Critical Connect solution with the following benefits:

- Enables ASTRO 25 to broadband PTT WAVE communications, leveraging the latest broadband LTE and Wi-Fi nationwide coverage to support varying communications needs.
- Eliminates communication barriers between agencies by enabling virtual connections, as communication needs arise.
- On-demand fleet-maps provide flexible communications that adapt to changing needs.
- Critical Connect offers inter-agency group voice communication between ASTRO 25 radios and broadband mobile devices.

WAVE offers users the following capabilities:

- **Group Call** – Talkgroup participants (including both LMR and WAVE users, WAVE-only users, and LMR-only users) can make group calls using any WAVE application. Users select the talkgroup, push-to-talk, and the talkgroup can hear the speaker's transmission and can reply. Talkgroups and assigned participants are created and managed by the WAVE Central Administration Tool.
- **Individual Private Call** – Make private calls between two WAVE users. A user selects the person they wish to call from a contact list available within the application and can communicate with a simple button press.
- **Text Messaging** – Send and receive group text messages with other WAVE users in a talkgroup.
- **Multimedia Sharing** – Share images or videos from the gallery or directly from the camera. Users can share with other users or a group, and can view received videos and photos, play or save to their device. Users' history saves media to view when they login.
- **Location** – Users can see where WAVE group members are located on a map.
- **Voice Message Pre-Recorded or Record-and-Send** – Users can record a message that can be sent to a group or to a contact. Voice messages can be played back by users at any time.
- **Persistent Threaded History on Client** – Users can see the history of text messages and PTT events for group or private calls even if they log out and log back in. Events that happened while they were logged out will be pushed down to the client so that they are caught up.
- **PTT from Lock Screen** – Users can quickly PTT from a device's lock screen without having to unlock the device or go through the application. This is exclusive to Android devices.
- **Headset Integrations** – Wired or Bluetooth headsets can be used to respond hands-free in any situation.

WAVE users engage with two different, interoperable clients: the WAVE Mobile Client and WAVE Dispatch Client. Each client grants access to enhanced WAVE PTT features, as shown in the following table.

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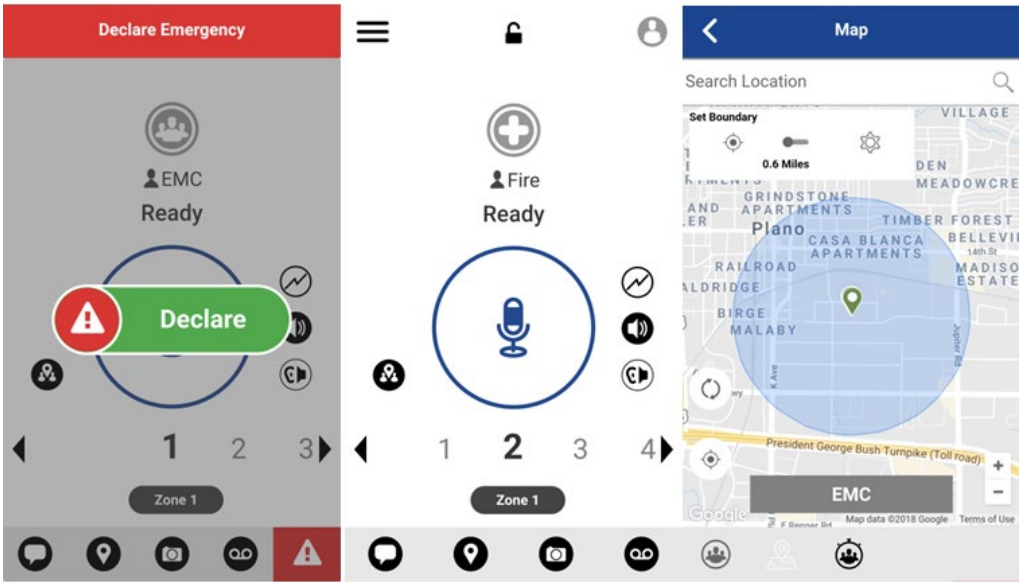
WAVE Mobile Application	WAVE PTT Plus	WAVE Dispatch Application	WAVE Dispatch Plus
PTT (Private and Group Calling)	PTT (Private and Group Calling)	PTT (Private and Group Calling)	PTT (Private and Group Calling)
Presence and Alerts	Presence and Alerts	Presence and Alerts	Presence and Alerts
Secure Messaging and Multimedia	Secure Messaging and Multimedia	Secure Messaging and Multimedia	Secure Messaging and Multimedia
Location & Mapping Services	Location & Mapping Services	Location & Mapping Services	Location & Mapping Services
Administrator and User-managed Contacts/Groups	Administrator and User-managed Contacts/Groups	Administrator and User-managed Contacts/Groups	Administrator and User-managed Contacts/Groups
Integrated Web-based Broadband Dispatch Console	Integrated Web-based Broadband Dispatch Console	Integrated Web-based Broadband Dispatch Console	Integrated Web-based Broadband Dispatch Console
MC Streaming Video	Emergency Services	MC Streaming Video	Emergency Services
	User Check and Monitor		User Check and Monitor
	Ambient and Discreet Listening		Ambient and Discreet Listening
	Large Talkgroup Size (3000)		Large Talkgroup Size (3000)
	MC Streaming Video		Dynamic Area Talkgroups
			MC Streaming Video



Examples of PTT Call Ready Radio Screen, Active Emergency, and Location Services Screen.

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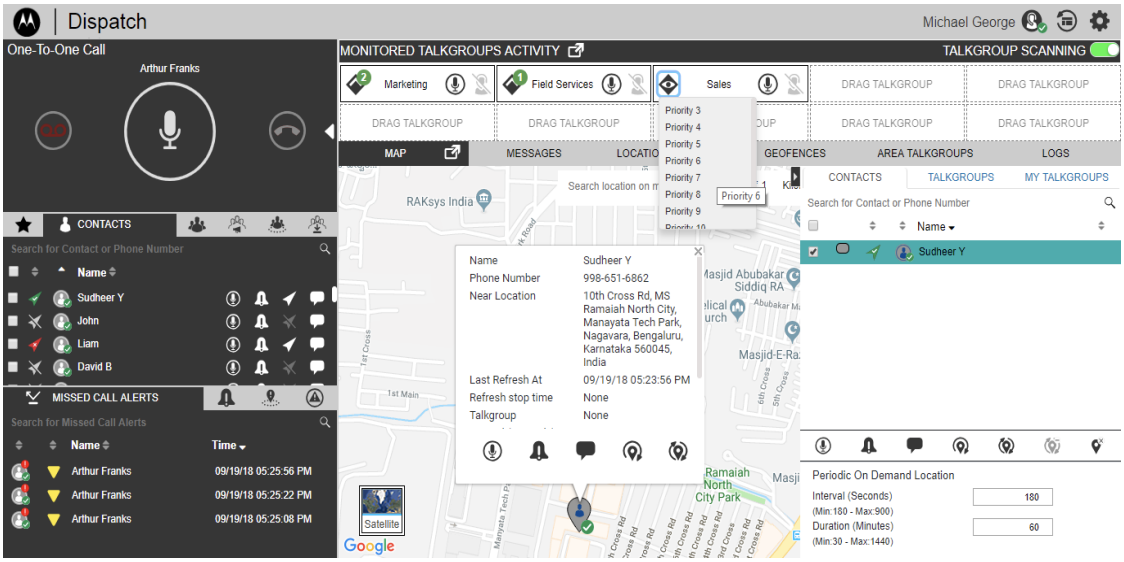
WAVE is compatible with Android and iOS devices over 3G, 4G, and Wi-Fi networks globally, providing hardware flexibility to fit different customer setups.



An Example of the WAVE Dispatch Screen.

Video Streaming

The WAVE Streaming Video feature allows a WAVE broadband PTT mobile user to push live video with audio to another user, dispatcher, or talkgroup from their device's integrated cameras. The recipients can be any WAVE contact or group assigned to the user that is also capable of receiving video calls. The result is an increase in situational clarity and improvement of awareness, allowing for faster, more accurate communication in the moments that matter.

WAVE ADMINISTRATION PORTAL

WAVE's Central Administration Tool (CAT) helps administrators manage user contacts and talkgroups. The WAVE Administration Portal allows users to manage PTT user profiles and permissions, talkgroups, and external users.

- **PTT Users Management** – Allows users to manage the PTT user profile such as name, email ID, and permission type.
- **Talkgroups Management** – Allows users to manage talkgroups including, assigning avatar, talkgroup scanning, supervisory override, permission to the talkgroup members for call initiation, and receive and in call accessibility. There are three types of talkgroups that users can manage: standard, dispatch, and broadcast groups.
- **External Users Management** – Allows users to manage users external to the corporation.
- **Interop Connections Management** – Allows users to manage the connections between Critical Connect and PTT.
- **User Sets** – Allows users to manage the user sets to PTT Users, Talkgroups, or Integrated Users.

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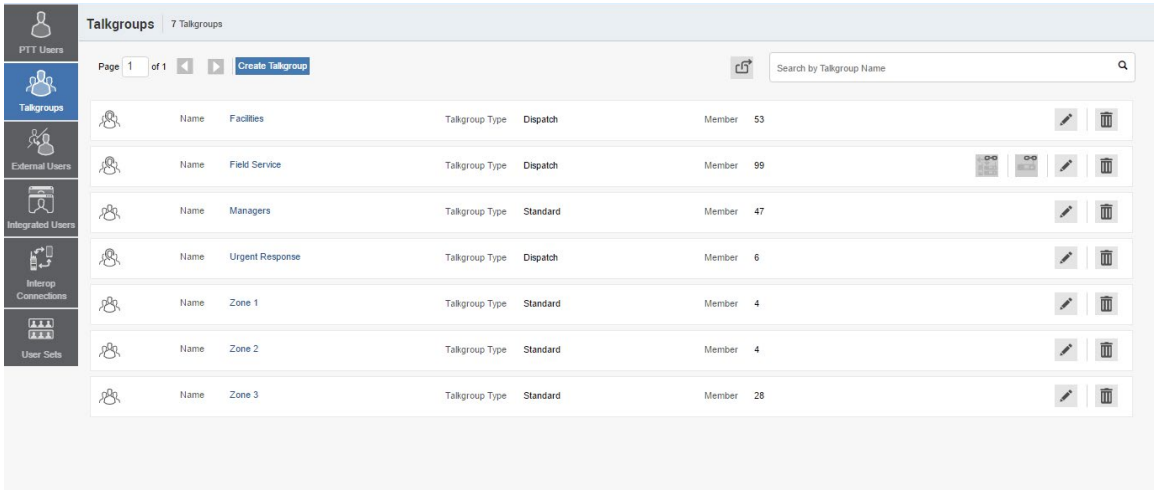

An Example of the WAVE CAT Screen.

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STATEMENT OF WORK

1.1. AGREEMENT

This Statement of Work (SOW) is an integral part of the Subscription Services Agreement for Critical Connect Services and WAVE entered into by Motorola Solutions, Inc. and the Customer ("Agreement") and will be governed by the terms and conditions in the Agreement. If there is a conflict between the terms of the Agreement and the terms of this SOW, the terms of this SOW will govern.

1.2. REQUEST FOR FULFILLMENT BY SERVICE DESK

Request Fulfillment is a service available to a Customer with a Critical Connect or WAVE managed by Motorola Solutions as part of a Services package to enable users of Critical Connect or WAVE to request support services. With this Service, Customer or its authorized Critical Connect users ("Users") may request support. The activities needed to fulfill a service request vary depending on the individual request. As part of this Service, Motorola Solutions has established a Service Desk to monitor, escalate, provide dispatch assistance, and, at times, fulfill the service request.

The objectives of Request Fulfillment Service are as follows:

- Provide a mechanism for users of the managed Critical Connect and WAVE Service to request and receive standard services identified and agreed upon by the parties.
- Provide information to Customer and Users about the availability of service and the pre-defined approval and qualification procedure for obtaining them.
- Source and deliver the components of requested standard services.
- Assist with general information or questions.

The Service Desk is responsible for Request Fulfillment and provides a point of communication and coordination for Customer and Users. The goal of the Service Desk is to provide service in accordance with the defined process and restore 'normal service', as defined under the Agreement to the Users as quickly as possible. Restoration of service may involve fulfilling a service request or handling relevant queries about a service process that are needed to allow Critical Connect to return to normal operation.

The Service Desk contributes to an integrated service management approach by achieving the following objectives:

- Answer phone calls regarding Customer or User request and Critical Connect or WAVE issues in accordance with the timeline metrics set forth in the Agreement, if any.
- Respond to phone calls regarding service, Critical Connect, WAVE, and/or security matters.
- Receive and respond to email on matters regarding reported issues or requested services.
- Monitor and receive Customer or User incident tickets.
- Verify, analyze, and validate reported issues.
- Perform initial impact analysis of reported incidents.
- Open, issue or update corresponding incident tickets, as appropriate.
- Escalate to the next level of support within the period of time set forth in the Agreement, if required.

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1.2.1. Service Description

The Service Desk is a vitally important part of the Motorola Solutions' Operations Center and is the single point of contact for Users of the Critical Connect or WAVE Service on a day–to–day, 24x7 basis. The Service Desk handles all incidents and service requests, using specialized, proprietary software tools and methodologies to log and manage all such events.

The Service Desk is the implementation point of the Request Fulfillment Service. Request Fulfillment utilizes the following process:

- Receive Service Request – Requests are submitted through a pre–defined process agreed upon by Motorola Solutions and Customer in the customer support plan (CSP). The CSP is an integral part of this SOW and once agreed upon by the parties will be automatically incorporated into this SOW.
- Logging and Validation – Service Requests are logged with a Service Request record created at the Service Desk with relevant information and a description of the request.
- Categorization and Prioritization – Service Requests are categorized by type and nature, and prioritized in relation to other new and existing requests to determine the sequence in which they will be fulfilled. Priority is determined based on severity, level of effort, benefit to the organization and urgency to the requestor.
- Review and Authorization – Service Requests are reviewed for categorization, prioritization, and User profiles to determine the correct level of agreed upon authorization. Requests also may have functional and/or financial impacts which are factors considered during authorization.
- Execution and Closure – Service Requests are routed to the appropriate fulfillment team. The fulfillment team follows documented procedures for fulfilling the request. Certain requests, such as questions or inquiries, may be completed by the Service Desk, acting as first–line support, while other Service Requests are forwarded to specialist groups and/or suppliers for fulfillment.

1.2.2. Roles and Responsibilities

Motorola Solutions' Responsibilities

- Make available all Service Desk contact options and contact information.
- Develop a CSP unless a plan already exists.
- Respond to requests in accordance with the pre–defined Severity Levels set forth in the CSP.
- Log, validate, categorize and prioritize all received requests.
- Manage and fulfill service requests.

Customer Responsibilities

- Provide all relevant and accurate information requested by Motorola Solutions in order to develop a CSP or modify an existing one.
- Collaborate with Motorola Solutions to document service request and approval process.
- Ensure Users are notified about the request process and required authorizations.
- Contact Motorola Solutions, as necessary, with service requests.
- Ensure appropriate requests are pre–authorized, as required.
- Cooperate with Motorola Solutions and perform all acts and provide all information in a timely manner that is necessary to enable Motorola Solutions to respond to service requests.
- Support closure of request as requested by the Service Desk.
- Obtain any third party consents for Motorola Solutions to provide the Service, if applicable.

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1.3. CRITICAL CONNECT AND WAVE TECHNICAL SUPPORT

This SOW introduces the Technical Support service which is part of Service Delivery Management for Critical Connect and/or WAVE.

The objective of Technical Support is to provide administrative support of the Critical Connect and/or WAVE Service.

1.3.1. Service Description

Motorola Solutions' Critical Connect and WAVE Technical Support provides incoming Tier 1 support calls from authorized points of contact from the Customer to help the Customer in supporting issues. Examples of this are Severity 1 or 2 outages due to Critical Connect server software or Critical Connect Operating System issues.

Technical Support is available 8/5/5, Monday through Friday.

1.3.2. Roles and Responsibilities

Motorola Solutions' Responsibilities

- Provide Technical Support 8/5/5, Monday through Friday.
- Receive Technical Support request at the Service Desk and categorize.
- Verify access request for User authenticity and the legitimate right to access the service being requested.
- Define problem based on the following parameters:
  - Critical Connect Server Connection issue.
  -WAVE Service issue.
  -Internet Connectivity verification.
  -Password Reset.
  -Verify with customer the proper functioning of Critical Connect and/or WAVE service based on troubleshooting steps performed.

Customer Responsibilities

- Designate authorized personnel as Administrators.
- Provide Motorola Solutions' Customer Support representatives with the proper information to assist in Tier 1 support issues.
- Verify with Motorola Solutions the proper functioning of Critical Connect based on troubleshooting steps performed.
- Obtain third party consents, as necessary for Motorola Solutions to provide the Service.

1.4. CRITICAL CONNECT ON-SITE INCIDENT MANAGEMENT

Motorola's On-Site Incident Management service is triggered by a dispatch initiated by the Network Operations Center (NOC). It provides incident management and technical service support to enable on-site incident resolution. The service is delivered in conjunction with an On-Site Service Provider. The On-Site Service Provider is responsible for providing on-site support through the On-Site Incident Management process to ensure strict compliance with committed response and resolution times.

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1.4.1. Service Description

Once dispatch is issued and received, the servicer will respond to the Customer location based on pre-defined Severity Levels set forth in the Customer Support Plan (CSP). Resolution Time Commitments can be found in the negotiated Key Performance Indicators (KPI) located in the CSP.

The NOC will provide support and maintain contact with the on-site Service Provider until system restoral and incident closure occurs. The on-site service provider will be required to provide incident status updates on a predefined basis to allow tracking of incident status.

As part of the service delivery, a detailed On-Site Incident Management Process will be designed and developed according to the Customer's needs and policies. The On-Site Incident Management Process provides the required procedures to ensure standardized methods are used both reactively and proactively to resolve deviations from normal operations.

1.4.2. Scope

On-Site Incident Management service is available 24/7 in accordance with Severity Level Definitions and Response Time Commitments listed in the CSP.

1.4.3. Roles and Responsibilities

Motorola Solutions' Responsibilities

- Respond to dispatch request as required by the On-site Incident Management process.
- Ensure the required service personnel have access to customer sites as needed.
- Servicer will perform the following on-site activities:
  - Run diagnostics on the server or network equipment.
  - Replace defective server or network equipment as required.
  - On-site servicer ensures that faulty server or network equipment is sent for repair with associated Return Merchandise Authorization (RMA).
  - Provide materials, tools, documentation, physical planning manuals, diagnostic/test equipment, and any other requirements necessary to perform the maintenance service.
  - If a third-party vendor is needed to restore the system, the Servicer will accompany that vendor onto the Customer's premises as needed.
  - Escalate the incident to the appropriate next level of support upon expiration of defined response times.
  - Notify NOC that the incident is resolved.
  - Notify the Customer of case status as defined by the CSP.
  - Provide On-Site Incident Management activity reports to the Customer if requested.

Customer Responsibilities

- Contact Motorola Solutions, as necessary, to request on-site service.
- Provide Motorola Solutions with the following pre-defined Customer information and preferences for inclusion in the CSP.
  - Case notification preferences and procedure.
  - Repair verification preference and procedure.
  - Escalation procedure forms.
- Submit changes in any information supplied in the CSP to the Service Delivery Manager (SDM).
- Allow Servicers access to facilities and equipment.

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- Verify with the NOC that restoration is complete or system is functional if required by repair verification preference provided by the Customer.
- Cooperate with Motorola Solutions and perform all acts that are reasonable or necessary to enable Motorola Solutions to provide these services.

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SUPPORT PLAN

This Statement of Work (SOW) describes the activities required in deploying an Enablement Server (also called Critical Connect WRG gateway) on ASTRO 25 customer premises, connecting Enablement Server to Critical Connect, and connecting Enablement Server to ISGW/ASTRO 25 Core. This SOW is an integral part of the Subscription Services Agreement for Interop Service.

This SOW is an integral part of the Subscription Services Agreement for the Critical Connect and/or WAVE Services entered into by Motorola Solutions, Inc. and Customer ("Agreement") and will be governed by the terms and conditions in the Agreement. If there is a conflict between the terms of the Agreement and the terms of this SOW, the terms of this SOW will govern.

"Customer" means Public Safety Agency with whom Motorola Solutions has the signed, written Agreement with.

2.1. CONTRACT

2.1.1. Contract Award (Milestone)

The Customer and Motorola Solutions execute the Agreement and both parties receive all the necessary documentation.

2.1.2. Contract Administration

Motorola Solutions Responsibilities

- Assign a Project Manager as the single point of contact with authority to make project decisions.
- Assign resources necessary for project implementation.
- Schedule the project kickoff meeting with the Customer.

Customer Responsibilities

- Assign a Project Manager as the single point of contact with authority to make project decisions.
- Assign other resources necessary to ensure completion of project tasks for which the Customer is responsible.

Completion Criteria

- Both Motorola Solutions and the Customer assign all required resources.
- Project kickoff meeting is scheduled.

2.2. CONTRACT DOCUMENT REVIEW

2.2.1. Review Contract Document

Motorola Solutions Responsibilities

- Meet with the Customer project team.
- Review SOW, Project Schedule, and Acceptance Test Plans, and update the contract documents accordingly.
- Establish demarcation points supplied by the Motorola Solutions to define the connection points between the Customer ISGW (ASTRO 25 Core), Enablement Server (WRG) if not existing in

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Customer Enterprise Network (CEN) Motorola Solutions'-supplied, and Critical Connect in Motorola Solutions' data center.
- Submit network topology and configuration to the Customer for approval.

Customer Responsibilities

- The Customer's key project team participants attend the meeting.
- Make timely decisions, according to the Service Deployment Project Schedule.

Completion Criteria

- Agreement between Motorola Solutions and Customer on updates to contract documentation and update contract documentation, which may include updated SOW, Project Schedule, Network Topology, and Acceptance Test Plans.

2.3. ORDER PROCESSING

2.3.1. Process Equipment List

Motorola Solutions' Responsibilities

- Validate if Customer has Enablement Server on premises and available for WRG purpose for Interoperability services.
- Applicable if Enablement Server is not available on Customer Premises: Validate Equipment List by checking for valid model numbers, versions, compatible options to main equipment, and delivery data.
- Create Ship Views, to confirm with the Customer the secure storage location(s) to which the equipment will ship. Ship Views are the mailing labels that carry complete equipment shipping information, which direct the timing, method of shipment, and ship path for ultimate destination receipt.
- Create equipment orders.
- Reconcile the equipment list(s) to the Contract.
- Procure third-party equipment if applicable.

Customer Responsibilities

- Approve shipping location(s).

Completion Criteria

- Motorola Solutions will verify that the Equipment List contains the correct model numbers, version, options, and delivery data.

2.3.2. Install Enablement Server (WRG) Server Equipment

Motorola Solutions Responsibilities

- Motorola Solutions will be responsible for the installation of Enablement Server and associated network equipment where Enablement Server is not available for use for WRG.
- Will interface with the following network connections:
- ISGW Gateway.
- External Critical Connect.
- All equipment will be installed employing a standard of workmanship consistent with Motorola Solutions' R56 installation standards and in compliance with applicable National Electrical Code (NEC), EIA, Federal Aviation Administration (FAA)/Transport Canada, and FCC standards and regulations/Industry Canada.

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- Receive and inventory all equipment.
- Bond the supplied equipment to the site ground system in accordance with Motorola Solutions' R56 standards.
- Motorola Solutions coordinates the receipt of the equipment with the Customer's designated contact, and inventory all equipment.
- Provide the R56 requirements for space, power, grounding, HVAC, and connectivity requirements at each site.
- Motorola Solutions will perform installation tasks on site as outlined in the Manual Of Procedures (MOP). Please refer to MOP: Manual of Procedures.

Customer Responsibilities

The Customer agrees to provide rack space and power at the Customer site location as part of the deployment of the Critical Connect Service.

Rack & Power Requirements	QTY	R/U	Depth	Power	Plug
HP Server	1	2	48"	15A/Unit	NEMA 5-15p

Additional Rack Unit space may be needed for accommodating MPLS site equipment for backhaul MPLS Internet service.

Additional Customer Responsibilities:

- Provide secure storage for the Motorola Solutions'-provided equipment, at a location central to the site.
- Motorola Solutions coordinates the receipt of the equipment with the Customer's designated contact, and inventory all equipment.
- Provide access to the sites, as necessary.
- Provide adequate electrical power in proper phase and voltage at sites.
- Confirm that there is adequate utility service to support the new equipment and ancillary equipment.
- Ensure that each site meets the R56 standards for space, grounding, power, HVAC, and connectivity requirements.
- Provide site owners/managers with written notice to provide entry to sites identified for Motorola Solutions' personnel.
- Customer is responsible for providing backhaul service for connection between WRG and Motorola Solutions' Critical Connect in Motorola Solutions' Data Center. Minimum 4 Mbps bandwidth required
- Customer is responsible for providing Broadband Devices with Broadband Service and ASTRO 25 Radios for Functional Acceptance Testing.
- Customer is responsible for assigning the Customer representative to witness system acceptance testing.

2.3.3. Motorola Solutions' 24/7 Service Desk

Motorola Solutions Responsibilities

- 24/7 Service Desk will provide centralized remote telephone/email support to PS Agencies for Interoperability services related technical issues.
- Track and coordinate resolution of issues, and timely communication with all stakeholders (Customer AND Motorola Solutions' stakeholders).

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

2.4. ACCEPTANCE TESTING

2.4.1. Perform Functional Testing

Motorola Solutions Responsibilities

- Motorola Solutions will perform Functional Acceptance Testing.

Customer Responsibilities

- Witness the functional Acceptance Testing.

Completion Criteria

Successful completion and Customer approval of the functional testing

The following functional testing will be performed after completing the on-site installation and setup of the Enablement Server, and necessary configuration for Broadband - ASTRO 25 and ASTRO 25 – ASTRO 25 Interoperability. The functional acceptance testing will include the following:

- Initiating PTT group call from Broadband device to ASTRO 25 Radio. The number of Broadband and ASTRO 25 Radios would be minimally three to four devices in a group to demonstrate successful initiation and completion of PTT group call.
- Initiating PTT group call from ASTRO 25 Radio to Broadband device. The number of Broadband and ASTRO 25 Radios would be minimally three to four devices in a group to demonstrate successful initiation and completion of PTT group call.
- Initiating PTT group call from ASTRO 25 Radio to ASTRO 25 Radio for inter-agency LMR - LMR interoperability calling. The number of ASTRO 25 Radios would be minimally three to four devices in a group to demonstrate successful initiation and completion of PTT group call.
- Conduct the test for initiating ASTRO 25 to ASTRO 25 agency call from both sides.

System Acceptance Test Procedures (Milestone)

- Successful demonstration of functional tests outlined above to the Customer and the Customer participating in the testing will constitute successful system acceptance by the Customer. The criteria is 100% passing of above tests and witnessed by the Customer.

Dependencies and Assumptions

- Customer responsibilities are outlined in this SOW above. All Customer responsibilities must be met after the contract signing and prior to start of the installation on the Customer site.
- If any of the Customer responsibilities are not met, start and/or completion of the installation activity and service start date would be delayed.

If extraordinary delay is caused in start and/completion of installation and setup of site equipment is caused because of not meeting of any of the customer responsibilities, modification of implementation schedule will be required.

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STATEMENT OF WORK

1.1. AGREEMENT

This Statement of Work (SOW) is an integral part of the Subscription Services Agreement for Critical Connect or WAVE Services and WAVE entered into by Motorola Solutions, Inc. and the Customer ("Agreement") and will be governed by the terms and conditions in the Agreement. If there is a conflict between the terms of the Agreement and the terms of this SOW, the terms of this SOW will govern.

1.2. REQUEST FOR FULFILLMENT BY SERVICE DESK

Request Fulfillment is a service available to a Customer with a Critical Connect or WAVE managed by Motorola Solutions as part of a Services package to enable users of Critical Connect or WAVE to request support services. With this Service, Customer or its authorized Critical Connect users ("Users") may request support. The activities needed to fulfill a service request vary depending upon the individual request. As part of this Service, Motorola Solutions has established a Service Desk to monitor, escalate, provide dispatch assistance, and at times fulfill the service request.

The objectives of Request Fulfillment Service are as follows:

- Provide a mechanism for users of the managed Critical Connect and WAVE Service to request and receive standard services identified and agreed upon by the parties.
- Provide information to Customer and Users about the availability of service and the pre–defined approval and qualification procedure for obtaining them.
- Source and deliver the components of requested standard services.
- Assist with general information or questions.

The Service Desk is responsible for Request Fulfillment and provides a point of communication and coordination for Customer and Users. The goal of the Service Desk is to provide service in accordance with the defined process and restore 'normal service', as defined under the Agreement to the Users as quickly as possible. Restoration of service may involve fulfilling a service request or handling relevant queries about a service process that are needed to allow Critical Connect or WAVE to return to normal operation.

The Service Desk contributes to an integrated service management approach by achieving the following objectives:

- Answer phone calls regarding Customer or User request and Critical Connect or WAVE issues in accordance with the timeline metrics set forth in the Agreement, if any.
- Respond to phone calls regarding service, Critical Connect, WAVE, and/or security matters.
- Receive and respond to email on matters regarding reported issues or requested services.
- Monitor and receive Customer or User incident tickets.
- Verify, analyze and validate reported issues.
- Perform initial impact analysis of reported incidents.
- Open, issue or update corresponding incident tickets, as appropriate.
- Escalate to the next level of support within the period of time set forth in the Agreement, if required.

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1.2.1. Service Description

The Service Desk is a vitally important part of the Motorola Solutions' Operations Center and is the single point of contact for Users of the Critical Connect or WAVE Service on a day–to–day, 24/7 basis. The Service Desk handles all incidents and service requests, using specialized, proprietary software tools and methodologies to log and manage all such events.

The Service Desk is the implementation point of the Request Fulfillment Service. Request Fulfillment utilizes the following process:

- Receive Service Request–Requests are submitted through a pre–defined process agreed upon by Motorola Solutions and Customer in the customer support plan (CSP). The CSP is an integral part of this SOW and once agreed upon by the parties will be automatically incorporated into this SOW.
- Logging and Validation–Service Requests are logged with a Service Request record created at the Service Desk with relevant information and a description of the request.
- Categorization and Prioritization–Service Requests are categorized by type and nature, and prioritized in relation to other new and existing requests to determine the sequence in which they will be fulfilled. Priority is determined based on severity, level of effort, benefit to the organization and urgency to the requestor.
- Review and Authorization–Service Requests are reviewed for categorization, prioritization and User profiles to determine the correct level of agreed upon authorization. Requests also may have functional and/or financial impacts which are factors considered during authorization.
- Execution and Closure–Service Requests are routed to the appropriate fulfillment team. The fulfillment team follows documented procedures for fulfilling the request. Certain requests, such as questions or inquiries, may be completed by the Service Desk, acting as first–line support, while other Service Requests are forwarded to specialist groups and/or suppliers for fulfillment.

1.2.2. Roles and Responsibilities

Motorola Solutions' Responsibilities

- Make available all Service Desk contact options and contact information.
- Develop a CSP unless a plan already exists.
- Respond to requests in accordance with the pre–defined Severity Levels set forth in the CSP.
- Log, validate, categorize and prioritize all received requests.
- Manage and fulfill service requests.

Customer Responsibilities

- Provide all relevant and accurate information requested by Motorola Solutions in order to develop a CSP or modify an existing one.
- Collaborate with Motorola Solutions to document service request and approval process.
- Ensure Users are notified about the request process and required authorizations.
- Contact Motorola Solutions, as necessary, with service requests.
- Ensure appropriate requests are pre–authorized, as required.
- Cooperate with Motorola Solutions and perform all acts and provide all information in a timely manner that is necessary to enable Motorola Solutions to respond to service requests.
- Support closure of request as requested by the Service Desk.
- Obtain any third party consents for Motorola Solutions to provide the Service, if applicable.

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1.3. CRITICAL CONNECT AND WAVE TECHNICAL SUPPORT

This SOW introduces the Technical Support service which is part of Service Delivery Management for Critical Connect and/or WAVE.

The objective of Technical Support is to provide administrative support of the Critical Connect and/or WAVE Service.

1.3.1. Service Description

Motorola Solutions' Critical Connect and WAVE Technical Support provides incoming Tier 1 support calls from authorized points of contact from the Customer to help the Customer in supporting issues. Examples of this are Severity 1 or 2 outages due to Critical Connect server software or Critical Connect Operating System issues.

Technical Support is available 8/5/5, Monday through Friday.

1.3.2. Roles and Responsibilities

Motorola Solutions' Responsibilities

- Provide Technical Support 8/5/5, Monday through Friday.
- Receive Technical Support request at the Service Desk and categorize.
- Verify access request for User authenticity and the legitimate right to access the service being requested.
- Define problem based on the following parameters:
  - Critical Connect Server Connection issue.
  - WAVE Service issue.
  - Internet Connectivity verification.
  - Password Reset.
  - Verify with customer the proper functioning of Critical Connect and/or WAVE service based on troubleshooting steps performed.

Customer Responsibilities

- Designate authorized personnel as Administrators.
- Provide Motorola Solutions' Customer Support representatives with the proper information to assist in Tier 1 support issues.
- Verify with Motorola Solutions the proper functioning of Critical Connect and/or WAVE service based on troubleshooting steps performed.
- Obtain third party consents, as necessary for Motorola Solutions to provide the Service.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

SUPPORT PLAN

This Statement of Work (SOW) is an integral part of the Subscription Services Agreement for the Critical Connect and/or WAVE Services entered into by Motorola Solutions, Inc. and Customer ("Agreement") and will be governed by the terms and conditions in the Agreement. If there is a conflict between the terms of the Agreement and the terms of this SOW, the terms of this SOW will govern.

"Customer" means Public Safety Agency with whom Motorola Solutions has the signed, written Agreement with.

2.1. CONTRACT

2.1.1. Contract Award (Milestone)

The Customer and Motorola Solutions execute the Agreement and both parties receive all the necessary documentation.

Completion Criteria

Agreement between Motorola Solutions and the Customer on updates to contract documentation and update contract documentation, which may include updated SOW, and Project Schedule.

2.2. ORDER PROCESSING

2.2.1. Process WAVE Provisioning

Motorola Solutions Responsibilities

- Provision WAVE Service and provide admin access to Central Admin Tool.

Customer Responsibilities

- Provide a list of authorized WAVE users, phone numbers, and email addresses.

Completion Criteria

- Customer able to log into WAVE application.
- Customer administrators able to log into WAVE Central Admin Tool.

2.3. MOTOROLA SOLUTIONS' 24/7 SERVICE DESK

Motorola Solutions Responsibilities

- 24/7 Service Desk will provide centralized remote telephone/email support to PS Agencies for Interoperability services-related technical issues.
- Track and coordinate resolution of issues, and timely communication with all stakeholders (Customer AND Motorola Solutions' stakeholders).

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

SUBSCRIPTION SERVICES AGREEMENT

Motorola Solutions, Inc. (“Motorola Solutions”) and _____ (“Customer”) enter into this Subscription Services Agreement (“Agreement”) pursuant to which Customer will purchase and Motorola Solutions will sell a subscription to access the subscription services described below. Motorola Solutions and Customer may be referred to individually as a “Party” and collectively as the “Parties.”

The terms of the Agreement, including addendums, exhibits, and attachments combined with the terms of any applicable Incorporated Documents will govern the products and services offered pursuant to this Agreement. To the extent there is a conflict between the terms and conditions of the Agreement and the terms and conditions of the applicable Incorporated Documents, the Incorporated Documents take precedence.

1 DEFINITIONS

Capitalized terms used in this Agreement have the meanings set forth below. Any reference to the purchase or sale of software or other Intellectual Property shall mean the sale or purchase of a license or sublicense to use such software or Intellectual Property in accordance with this Agreement.

“Administrator” means Customer's designated system administrator who receives administrative logins for the Subscription Services and issues access rights to Customer's Users.

“Anonymized” means having been stripped of any personal or correlating information revealing original source or uniquely identifying a person or entity.

“Confidential Information” means any information that is disclosed in written, graphic, verbal, or machine-recognizable form, and is marked, designated, or identified at the time of disclosure as being confidential or its equivalent; or if the information is in verbal form, it is identified as confidential at the time of disclosure and is confirmed in writing within thirty (30) days of the disclosure. Confidential Information does not include any information that: is or becomes publicly known through no wrongful act of the receiving Party; is already known to the receiving Party without restriction when it is disclosed; is or becomes, rightfully and without breach of this Agreement, in the receiving Party’s possession without any obligation restricting disclosure; is independently developed by the receiving Party without breach of this Agreement; or is explicitly approved for release by written authorization of the disclosing Party.

“Customer Data” means Native Data provided by Customer to Motorola Solutions hereunder to be processed and used in connection with the Subscription Services. Customer Data does not include data provided by third parties and passed on to Motorola Solutions.

“Deliverables” means all written information (such as reports, analytics, Solution Data, specifications, designs, plans, drawings, or other technical or business information) that Motorola Solutions prepares for Customer in the performance of the Services and is obligated to provide to Customer pursuant to the applicable Statement of Work. The Deliverables, if any, are more fully described in the Statement of Work.

“Documentation” means the technical materials provided by Motorola Solutions to Customer in hard copy or electronic form describing the use and operation of the Solution and Software, including any technical manuals, but excluding any sales, advertising or marketing materials or proposals.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

"Effective Date" means the date of the last signature on this Agreement, unless access to the Subscription Service occurs later, in which case, the Effective Date will be the date when Customer first has access to the Subscription Services.

"Feedback" means comments or information, in oral or written form, given to Motorola Solutions by Customer, in connection with or relating to the Solution and Subscription Services.

"Force Majeure" which means an event, circumstance, or act that is beyond a Party's reasonable control, such as an act of God, an act of the public enemy, an act of a government entity, strikes, other labor disturbances, supplier performance, hurricanes, earthquakes, fires, floods, epidemics, embargoes, war, riots, or any other similar cause.

"Licensed Product" means 1) Software, whether hosted or installed at Customer's site, 2) Documentation; 3) associated user interfaces; 4) help resources; and 5) any related technology or other services made available by the Solution.

"Native Data" means data that is created solely by Customer or its agents.

"Proprietary Rights" means the patents, patent applications, inventions, copyrights, trade secrets, trademarks, trade names, mask works, know-how, ideas and concepts, moral rights, processes, methodologies, tools, techniques, and other intellectual property rights.

"Software" means the Motorola Solutions owned or licensed off-the-shelf software programs delivered as part of the Licensed Products used to provide the Subscription Services, including all bug fixes, updates and upgrades.

"Solution" means collectively, the Software, servers and any other hardware or equipment operated by Motorola Solutions and used in conjunction with the Subscription Services.

"Solution Data" means Customer Data that is transformed, altered, processed, aggregated, correlated or operated on by Motorola Solutions, its vendors or other data sources and data that has been manipulated or retrieved using Motorola Solutions know-how to produce value-added content that is made available to Customer with the Solution and Subscription Services.

"Statement of Work" If included, the Statement of Work ("SOW") describes the Subscription Services, Deliverables (if any), Licensed Products and Solution that Motorola Solutions will provide to Customer under this Agreement, and the other work-related responsibilities that the parties owe to each other. The Statement of Work may contain a performance schedule.

"Subscription Services" means those subscription services to be provided by Motorola Solutions to Customer under this Agreement, the nature and scope of which are more fully described in the Documentation, proposal, SOW, or other Solution materials provided by Motorola Solutions, as applicable.

"Users" means Customer's authorized employees or other individuals authorized to utilize the Subscription Services on behalf of Customer and who will be provided access to the Subscription Services by virtue of a password or equivalent security mechanism implemented by Customer.

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2 SCOPE

2.1 **Subscription Services.** Motorola Solutions will provide to Customer the Subscription Services and Deliverables (if any). As part of the Subscription Services, Motorola Solutions will allow Customer to use the Solution described in the Statement of Work, Documentation, proposal, or other Solution materials provided by Motorola Solutions ("Incorporated Document(s)"), as applicable. Some Subscription Services will also be subject to additional terms unique to that specific Subscription Service. Such additional terms will be set forth in an Addendum. In the event of a conflict between an Addendum and the body of the Agreement, the Addendum will govern resolution of the conflict. Motorola Solutions and Customer will perform their respective responsibilities as described in this Agreement and any applicable Incorporated Documents.

2.2 **Changes.** Customer may request changes to the Services. If Motorola Solutions agrees to a requested change, the change must be confirmed in writing and signed by authorized representatives of both parties. A reasonable price adjustment will be made if any change affects the time of performance or the cost to perform the Services.

2.3 **Non-solicitation.** During the term of this Agreement and for twelve (12) months thereafter, Customer will not actively solicit the employment of any Motorola Solutions personnel who is involved directly with providing any of the Services.

3 TERM

3.1 **Term.** Unless a different Term is set forth in an applicable Addendum or the Incorporated Documents, the Term of this Agreement begins on the Effective Date and continues for twelve (12) months. The Agreement renews annually on the anniversary of the Effective Date, unless either Party notifies the other of its intention to not renew the Agreement (in whole or part) at least thirty (30) days before the anniversary date or until termination by either Party in accordance with the Termination section of this Agreement.

3.2 **Minimum Initial Term**. For certain Subscription Services, a minimum initial term greater than one year may be required ("Minimum Initial Term"). Following the Minimum Initial Term, this Agreement will automatically renew upon each anniversary of the Effective Date for a successive renewal term of the same duration as the Minimum Initial Term, unless either Party: 1) notifies the other of its intention to not renew the Agreement (in whole or part) at least thirty (30) days before the anniversary date; 2) requests an alternate term; or 3) terminates in accordance with the termination provision in the Agreement, including non-payment of fees for the renewal period by the anniversary date.

3.3 **Renewals.** The terms and conditions of the Agreement and will govern any renewal periods.

4 **CUSTOMER OBLIGATIONS.** Customer will fulfill all of its obligations in this Agreement, including applicable addendums and Incorporated Documents in a timely and accurate manner. Failure to do so may prevent Motorola Solutions from performing its responsibilities.

4.1 **Access.** To enable Motorola Solutions to perform the Subscription Services, Customer will provide to Motorola Solutions reasonable access to relevant Customer information, personnel, systems, and office space when Motorola Solutions' employees are working on Customer's premises, and other general assistance. Further, if any equipment is installed or stored at Customer's location in order to provide the Subscription Services, Customer will provide, at no charge, a non-hazardous environment with adequate shelter, heat, light, power, security, and full and free access to the equipment.

4.2 **Customer Information.** If the Documentation, Statement of Work, proposal, or other related documents contain assumptions that affect the Subscription Services or Deliverables, Customer will verify that they are accurate and complete. Any information that Customer provides to Motorola Solutions concerning the

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Subscription Services or Deliverables will be accurate and complete in all material respects. Customer will make timely decisions and obtain any required management and third party approvals or consents that are reasonably necessary for Motorola Solutions to perform the Subscription Services and its other duties under this Agreement. Unless the Statement of Work states the contrary, Motorola Solutions may rely upon and is not required to evaluate, confirm, reject, modify, or provide advice concerning any assumptions and Customer-provided information, decisions and approvals described in this paragraph.

4.3 **Risk of Loss.** If any portion of the Solution resides on Customer premises or is under Customer's control in any way, Customer shall at all times exercise reasonable care in using and maintaining the Solution in accordance with Motorola Solutions' instructions for proper use and care. Risk of loss to any equipment in Customer's possession will reside with Customer until removed by Motorola Solutions or its agent or returned by Customer. Customer will be responsible for replacement costs of lost or damaged equipment, normal wear and tear excluded.

4.4 **Equipment Title.** Unless Customer is purchasing equipment pursuant to the terms in the Addendum entitled "Equipment Purchase" and unless stated differently in this Agreement or in the Incorporated Documents, title to any equipment provided to Customer in connection with the Subscription Services remains vested in Motorola Solutions at all times. Any sale of equipment pursuant to this Agreement will be governed by the terms and conditions set forth in the Equipment Purchase Addendum.

4.5 **Enable Users.** Customer will properly enable its Users to use the Subscription Services, including providing instructions for use, labeling, required notices, and accommodation pursuant to applicable laws, rules, and regulations. Unless otherwise agreed in the Incorporated Documents, Customer will train its Users on proper operation of the Solution and Licensed Products. Customer agrees to require Users to acknowledge and accept the limitations and conditions of use of the Licensed Products in this Agreement prior to allowing Users to access or use Subscription Services.

4.6 **Non-preclusion.** If, as a result of the Subscription Services performed under this Agreement, Motorola Solutions recommends that Customer purchase products or other services, nothing in this Agreement precludes Motorola Solutions from participating in a competitive opportunity or otherwise offering or selling the recommended products or other services to Customer. Customer represents that this paragraph does not violate its procurement or other laws, regulations, or policies.

5 SUBSCRIPTION FEES

5.1 **Recurring Fees.** Unless stated differently in an applicable addendum, Incorporated Documents or otherwise arranged in writing with Motorola Solutions, Services will be provided in exchange for annual pre-paid Subscription Fees. Motorola Solutions will submit an invoice for the first year of subscription fees on the Effective Date. On each anniversary of the Effective Date, Motorola Solutions will issue an invoice for the annual subscription fees for the following year.

5.2 **Start Up Fees.** Start up fees apply to certain Subscription Services. If the Subscription Service includes start up fees, Motorola Solutions will submit an invoice for the start up fees on the Effective Date.

5.3 **Fee Change**. Motorola Solutions reserves the right to change the subscription fees at the end of each Subscription Services Term. Except for any payment that is due on the Effective Date, Customer will make payments to Motorola Solutions within thirty (30) days after the date of each invoice. Motorola Solutions reserves the right to terminate Service for non-payment of fees.

5.4 **No Price Guarantee**. Notwithstanding any language to the contrary, the pricing and fees associated with this Agreement will not be subject to any most favored pricing commitment or other similar low price guarantees.

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5.5 **Taxes.** The Subscription Fees and start up fees do not include any excise, sales, lease, use, property, or other taxes, assessments or duties, all of which will be paid by Customer, except as exempt by law. If Motorola Solutions is required to pay any of those taxes, it will send an invoice to Customer and Customer will pay to Motorola Solutions the amount of the taxes (including any interest and penalties) within thirty (30) days after the date of the invoice. Motorola Solutions will be solely responsible for reporting taxes on its income or net worth.

6 ACCEPTANCE; SCHEDULE; FORCE MAJEURE

6.1 **Acceptance.** The Licensed Products will be deemed accepted upon the delivery of usernames and passwords or other validation mechanism to Customer. If usernames, passwords, or other validation method have been issued to Customer prior to the Effective Date, the Licensed Products will be deemed accepted on the Effective Date.

6.2 **Schedule.** All Subscription Services will be performed in accordance with the performance schedule included in the Statement of Work, or if there is no performance schedule, within a commercially reasonable time period.

6.3 **Force Majeure**. Neither Party will be liable for its non-performance or delayed performance if caused by a Force Majeure. Each Party will notify the other in writing if it becomes aware of any Force Majeure that will significantly delay performance. The notifying Party will give the notice promptly (but in no event later than fifteen (15) days) after it discovers the Force Majeure.

7 LIMITED LICENSE

7.1 **Licensed Products**. Use of the Licensed Products by Customer and its Users is strictly limited to use in connection with the Solution or Subscription Services during the Term. Customer and Users will refrain from, and will require others to refrain from, doing any of the following with regard to the Software in the Solution: (i) directly or indirectly, by electronic or other means, copy, modify, or translate the Software; (ii) directly or indirectly, by electronic or other means, reproduce, reverse engineer, distribute, sell, publish, commercially exploit, rent, lease, sublicense, assign or otherwise transfer or make available the Licensed Products or any part thereof to any third party, or otherwise disseminate the Licensed Product in any manner; (iii) directly or indirectly, by electronic or other means, modify, decompile, or disassemble the Software or part thereof, or attempt to derive source code from the Software; or (iv) remove any proprietary notices, labels, or marks on the Software or any part of the Licensed Products. Motorola Solutions reserves all rights to the Software and other Licensed Products not expressly granted herein, including without limitation, all right, title and interest in any improvements or derivatives conceived of or made by Motorola Solutions that are based, either in whole or in part, on knowledge gained from Customer Data. Customer agrees to abide by the copyright laws of the United States and all other relevant jurisdictions, including without limitation, the copyright laws where Customer uses the Solution. Customer agrees to immediately cease using the Solution if it fails to comply with this paragraph or any other part of this Agreement. If Software is subject to a click wrap, end-user license agreement or is otherwise packaged with or subject to a separate end-user license, such license will apply to the use of Software and Licensed Product.

7.2 **Proprietary Rights.** Regardless of any contrary provision in the Agreement, Motorola Solutions or its third party providers own and retain all of their respective Proprietary Rights in the Software, Solution, and Licensed Product. Nothing in this Agreement is intended to restrict their Proprietary Rights. All intellectual property developed, originated, or prepared by Motorola Solutions in connection with providing Services to Customer remain vested exclusively in Motorola Solutions, and this Agreement does not grant to Customer any shared development rights of intellectual property. No custom development work is to be performed under this Agreement.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

8 DATA AND FEEDBACK

8.1 **Solution Data.** To the extent permitted by law, Motorola Solutions, its vendors and licensors are the exclusive owners of all right, title, and interest, in and to the Solution Data, including all intellectual property rights therein. Motorola Solutions grants Customer a personal, royalty-free, non-exclusive license to: (i) access, view, use, copy, and store the Solution Data for its internal business purposes and, (ii) when specifically permitted by the applicable Statement of Work, publish Solution Data on its websites for viewing by the public.

8.2 **Customer Data.** To the extent permitted by law, Customer retains ownership of Customer Data. Customer grants Motorola Solutions and its subcontractors a personal, royalty-free, non-exclusive license to use, host, cache, store, reproduce, copy, modify combine, analyze, create derivatives from, communicate, transmit, publish, display, and distribute such Customer Data for the purpose of providing the Subscription Services to Customer, other Motorola Solutions Customers and end-users, including without limitation, the right to use Customer Data for the purpose of developing new or enhanced solutions. In addition to the rights listed above, Customer grants Motorola Solutions a license to sell an Anonymized version of Customer Data for any purpose.

8.3 **Feedback**. Any Feedback given by Customer is entirely voluntary and, even if designated as confidential, will create no confidentiality obligation for Motorola Solutions. Motorola Solutions is free to use, reproduce, license or otherwise distribute and exploit the Feedback without any obligation to Customer. Customer acknowledges that Motorola Solutions' receipt of the Feedback does not imply or create recognition by Motorola Solutions of either the novelty or originality of any idea. The parties further agree that all fixes, modifications and improvement to the Licensed Product or Subscription Service conceived of or made by Motorola Solutions that are based, either in whole or in part, on the Feedback are the exclusive property of Motorola Solutions and all right, title and interest in and to such fixes, modifications or improvements to the Licensed Product or Subscription Service will vest solely in Motorola Solutions.

9 WARRANTY

9.1 **"AS IS".** THE SOLUTION AND SUBSCRIPTION SERVICES ARE PROVIDED "AS IS". MOTOROLA SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. Customer acknowledges that the Deliverables may contain recommendations, suggestions or advice from Motorola Solutions to Customer (collectively, "Recommendations"). Motorola Solutions makes no warranties concerning those Recommendations, and Customer alone accepts responsibility for choosing whether and how to implement the Recommendations and the results to be realized from implementing them.

9.2 **Availability and Accuracy.** Customer acknowledges that functionality of the Solution as well as availability and accuracy of Solution Data is dependent on many elements beyond Motorola Solutions' control, including databases managed by Customer or third parties and Customer's existing equipment, software, and Customer Data. Therefore, Motorola Solutions does not guarantee availability or accuracy of data, or any minimum level of coverage or connectivity. Interruption or interference with the Subscription Services or Solution may periodically occur. Customer agrees not to represent to any third party that Motorola Solutions has provided such guarantee.

9.3 **Equipment Sale.** Warranty for any equipment sold pursuant to this Agreement will be set forth in Equipment Purchase Addendum.

10 DISCLAIMERS

10.1 **Existing Equipment and Software.** If Customer's existing equipment and software is critical to operation and use of the Subscription Services, Customer is solely responsible for supporting and maintaining Customer's existing equipment and software. Connection to or interface with Customer's existing equipment and software may be required to receive Subscription Services. Any failures or deficiencies of Customer's existing equipment and software may impact the functionality of the Solution and the Subscription Services to be

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delivered. Any vulnerabilities or inefficiencies in Customer's system may also impact the Solution and associated Subscription Services.

10.2 **Privacy.** Customer bears sole responsibility for compliance with any laws and regulations regarding tracking; location based services; gathering, storing, processing, transmitting, using or misusing; or otherwise handling personally identifiable information ("PII"), including information about Users of the Solution or citizens in the general public. Further, it is Customer's sole responsibility to comply with any laws or regulations prescribing the measures to be taken in the event of breach of privacy or accidental disclosure of any PII. Enacting and enforcing any internal privacy policies for the protection of PII, including individual disclosure and consent mechanisms, limitations on use of the information, and commitments with respect to the storage, use, deletion and processing of PII in a manner that complies with applicable laws and regulations will be Customer's sole responsibility. Motorola Solutions will not evaluate the sufficiency of such policies and disclaims any responsibility or liability for privacy practices implemented by Customer, or lack thereof. Customer acknowledges and agrees that Subscription Services and the Solution are not designed to ensure individual privacy. Customer will inform Users that the Solution may enable visibility to PII, as well as physical location of individuals. Further, if the Solution or Subscription Services are available to the general public pursuant to this Agreement, Customer will provide the appropriate privacy notification. Neither Motorola Solutions nor Customer can provide any assurance of individual privacy in connection with the Solution. Further, Customer is solely responsible for determining whether and how to use data gathered from social media sources for the purpose of criminal investigations or prosecution. Customer will hold Motorola Solutions harmless from any and all liability, expense, judgment, suit, or cause of action, which may accrue against Motorola Solutions for causes of action for damages related to tracking, location based services, breach of privacy, and the use or misuse of PII provided that Motorola Solutions gives Customer prompt, written notice of any such claim or suit. Motorola Solutions shall cooperate with Customer in its defense or settlement of such claim or suit.

10.3 **Social Media**. If Customer purchases Subscription Services that utilize social media, Customer acknowledges and agrees that such Subscription Services are not designed to ensure individual privacy. In such case, Customer will inform Users that the Solution and Subscription Services may enable visibility to PII, as well as physical location of individuals. Further, if the Solution or Subscription Services are available to the general public pursuant to this Agreement, Customer will provide the appropriate privacy notification. Neither Motorola Solutions nor Customer can provide any assurance of individual privacy in connection with the Solution or Subscription Services utilizing social media. Further, Customer is solely responsible for determining whether and how to use data gathered from social media sources for the purpose of criminal investigations or prosecution. Customer will hold Motorola Solutions harmless from any and all liability, expense, judgment, suit, or cause of action, which may accrue against Motorola Solutions for causes of action for damages related to tracking, location based services, breach of privacy, and the use or misuse of PII provided that Motorola Solutions gives Customer prompt, written notice of any such claim or suit. Motorola Solutions shall cooperate with Customer in its defense or settlement of such claim or suit.

10.4 **Misuse.** Motorola Solutions reserves the right to discontinue service at any time without notice to Users that misuse the Service, jeopardize the Licensed Product or public safety in any way.

11 LIMITATION OF LIABILITY

11.1 **Liability Limit**. Except for personal injury or death, Motorola Solutions' total liability, whether for breach of contract, warranty, negligence, strict liability in tort, or otherwise, will be limited to the direct damages recoverable under law, but not to exceed the price of twelve (12) months of Subscription Services provided under this Agreement. ALTHOUGH THE PARTIES ACKNOWLEDGE THE POSSIBILITY OF SUCH LOSSES OR DAMAGES, THEY AGREE THAT MOTOROLA SOLUTIONS WILL NOT BE LIABLE FOR ANY COMMERCIAL LOSS; INCONVENIENCE; LOSS OF USE, TIME, DATA, GOODWILL, REVENUES, PROFITS OR SAVINGS; OR OTHER SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO OR ARISING FROM THIS AGREEMENT OR THE PERFORMANCE OF THE SUBSCRIPTION SERVICES BY MOTOROLA SOLUTIONS. This limitation of liability provision survives the expiration or termination of this Agreement and applies notwithstanding any contrary provision. No action for contract breach or otherwise relating

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

to the transactions contemplated by this Agreement may be brought more than one (1) year after the accrual of the cause of action, except for money due upon an open account.

11.2 **Additional Disclaimers.** MOTOROLA SOLUTIONS DISCLAIMS ANY AND ALL LIABILITY FOR ANY AND ALL LOSS OR COSTS OF ANY KIND ASSOCIATED WITH 1) THE INTERRUPTION, INTERFERENCE OR FAILURE OF CONNECTIVITY, VULNERABILITIES OR SECURITY EVENTS, WHETHER OR NOT THEY ARE DISCOVERED BY MOTOROLA SOLUTIONS; 2) PERFORMANCE OF CUSTOMER'S EXISTING EQUIPMENT AND SOFTWARE OR ACCURACY OF CUSTOMER DATA; 3) IF ANY PORTION OF THE SOLUTION OR LICENSED PRODUCT RESIDES ON CUSTOMER'S PREMISES, DISRUPTIONS OF AND/OR DAMAGE TO CUSTOMER'S OR A THIRD PARTY'S INFORMATION SYSTEMS, EQUIPMENT, AND THE INFORMATION AND DATA, INCLUDING, BUT NOT LIMITED TO, DENIAL OF ACCESS TO A LEGITIMATE SYSTEM USER, AUTOMATIC SHUTDOWN OF INFORMATION SYSTEMS CAUSED BY INTRUSION DETECTION SOFTWARE OR HARDWARE, OR FAILURE OF THE INFORMATION SYSTEM RESULTING FROM THE PROVISION OR DELIVERY OF THE SERVICE; 4) AVAILABILITY OR ACCURACY OF SOLUTION DATA; 5) INTERPRETATION, USE OR MISUSE IN ANY WAY OF SOLUTION DATA; 6) IMPLEMENTATION OF RECOMMENDATIONS PROVIDED IN CONNECTION WITH THE SUBSCRIPTION SERVICES; 7) TRACKING, AND LOCATION BASED SERVICES, BREACH OF PRIVACY, AND THE USE OR MISUSE OF PERSONALLY IDENTIFIABLE INFORMATION.

11.3 **Essential term.** The parties acknowledge that the prices have been set and the Agreement entered into in reliance upon these limitations of liability and that all such limitations form an essential basis of the bargain between the parties.

12 DEFAULT AND TERMINATION

12.1 **Default By a Party.** If either Party fails to perform a material obligation under this Agreement, the other Party may consider the non-performing Party to be in default (unless a Force Majeure causes the failure) and may assert a default claim by giving the non-performing Party a written, detailed notice of default. Except for a default by Customer for failing to pay any amount when due under this Agreement which must be cured immediately, the defaulting Party will have thirty (30) days after receipt of the notice of default to either cure the default or, if the default is not curable within thirty (30) days, provide a written cure plan. The defaulting Party will begin implementing the cure plan immediately after receipt of notice by the other Party that it approves the plan. If Customer is the defaulting Party, Motorola Solutions may stop work on the project until it approves the Customer's cure plan.

12.2 **Failure to Cure**. If a defaulting Party fails to cure the default as provided above in Section 12.1, unless otherwise agreed in writing, the non-defaulting Party may terminate any unfulfilled portion of this Agreement. In the event of a termination for default, the defaulting Party will promptly return to the non-defaulting Party any of its Confidential Information. If Customer is the non-defaulting Party, terminates this Agreement as permitted by this Section, and procures the Services through a third party, Customer may as its exclusive remedy recover from Motorola Solutions reasonable costs incurred to procure the Services (but not additional or out of scope services) less the unpaid portion of the Contract Price. Customer agrees to mitigate damages and provide Motorola Solutions with detailed invoices substantiating the charges.

12.3 **No Refund.** If a subscription is terminated for any reason prior to the end of the Subscription Services Term or other subscription period set forth in the Incorporated Documents or otherwise agreed to in writing by the Parties, no refund or credit will be provided.

12.4 **Cancellation Fee.** If an Initial Minimum Term applies and Customer terminates prior to the end of the Initial Minimum Term, Customer will be required to pay a cancellation fee of up to the remaining balance of subscription fees for the Initial Minimum Term.

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12.5 **Return of Discount.** If Customer is afforded a discount in exchange for a term commitment longer than one year, early termination will result in an early termination fee, representing a return of the discount off of list price.

12.6 **Return Confidential Information.** Upon termination or expiration of the Agreement, Customer will return or certify the destruction of all Confidential Information and Solution Data.

12.7 **Connection Terminated.** Certain Subscription Services require a connection to Customer systems to access Customer Data (e.g. predictive or analytic services). Upon termination, connection to relevant data sources will be disconnected and Motorola Solutions will no longer extract any Customer Data.

12.8 **Equipment Return.** Any equipment provided by Motorola Solutions for use with the Subscription Services, must be returned within thirty (30) days of the date of termination, at Customer's expense. If equipment is not returned within this time frame, Motorola Solutions reserves the right to invoice the Customer for the purchase price of the unreturned equipment.

12.9 **Five Year Term.** Motorola Solutions provides equipment for use in connection with certain Subscription Services. Upon expiration and non-renewal of a five (5) year subscription Term, Title to the equipment will automatically transfer to Customer upon the subscription expiration date.

13 DISPUTES

13.1 **Settlement.** The parties will attempt to settle any dispute arising from this Agreement (except for a claim relating to intellectual property or breach of confidentiality) through consultation and a spirit of mutual cooperation. The dispute will be escalated to appropriate higher-level managers of the parties, if necessary. If cooperative efforts fail, the dispute will be mediated by a mediator chosen jointly by the parties within thirty (30) days after notice by one of the parties demanding non-binding mediation. The parties will not unreasonably withhold consent to the selection of a mediator, will share the cost of the mediation equally, may agree to postpone mediation until they have completed some specified but limited discovery about the dispute, and may replace mediation with some other form of non-binding alternative dispute resolution ("ADR").

13.2 **Litigation.** A Party may submit to a court of competent jurisdiction any claim relating to intellectual property, breach of confidentiality, or any dispute that cannot be resolved between the parties through negotiation or mediation within two (2) months after the date of the initial demand for non-binding mediation. Each Party consents to jurisdiction over it by that court. The use of ADR procedures will not be considered under the doctrine of laches, waiver, or estoppel to affect adversely the rights of either Party. Either Party may resort to the judicial proceedings described in this section before the expiration of the two-month ADR period if good faith efforts to resolve the dispute under these procedures have been unsuccessful; or interim relief from the court is necessary to prevent serious and irreparable injury to the Party.

14 14. Security

14.1 **Industry Standard.** Motorola Solutions will maintain industry standard security measures to protect the Solution from intrusion, breach, or corruption. During the term of Agreement, if the Solution enables access to Criminal Justice Information ("CJI"), as defined by the Criminal Justice Information Services Security Policy ("CJIS"), Motorola Solutions will provide and comply with a CJIS Security Addendum. Any additional Security measure desired by Customer may be available for an additional fee.

14.2 **Background checks.** Motorola Solutions will require its personnel that access CJI to submit to a background check based on submission of FBI fingerprint cards.

14.3 **Customer Security Measures.** Customer is independently responsible for establishing and maintaining its own policies and procedures and for ensuring compliance with CJIS and other security requirements that are

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outside the scope of the Subscription Services provided. Customer must establish and ensure compliance with access control policies and procedures, including password security measures. Further, Customer must maintain industry standard security and protective data privacy measures. Motorola Solutions disclaims any responsibility or liability whatsoever for the security or preservation of Customer Data or Solution Data once accessed or viewed by Customer or its representatives. Motorola Solutions further disclaims any responsibility or liability whatsoever that relates to or arise from Customer's failure to maintain industry standard security and data privacy measures and controls, including but not limited to lost or stolen passwords. Motorola Solutions reserves the right to terminate the Service if Customer's failure to maintain or comply with industry standard security and control measures negatively impacts the Service, Solution, or Motorola Solutions' own security measures.

14.4 **Breach Response Plan**. Both parties will maintain and follow a breach response plan consistent with the standards of their respective industries.

15 CONFIDENTIAL INFORMATION AND PROPRIETARY RIGHTS

15.1 CONFIDENTIAL INFORMATION

15.1.1. Treatment of Confidential Information. During the term of this Agreement, the parties may provide each other with Confidential Information. Licensed Products and all Deliverables will be deemed to be Motorola Solutions' Confidential Information. Each Party will: maintain the confidentiality of the other Party's Confidential Information and not disclose it to any third party, except as authorized by the disclosing Party in writing or as required by a court of competent jurisdiction; restrict disclosure of the Confidential Information to its employees who have a "need to know" and not copy or reproduce the Confidential Information; take necessary and appropriate precautions to guard the confidentiality of the Confidential Information, including informing its employees who handle the Confidential Information that it is confidential and is not to be disclosed to others, but those precautions will be at least the same degree of care that the receiving Party applies to its own confidential information and will not be less than reasonable care; and use the Confidential Information only in furtherance of the performance of this Agreement or pursuant to the license granted immediately below.

15.1.2. Ownership of Confidential Information. The disclosing Party owns and retains all of its Proprietary Rights in and to its Confidential Information, except the disclosing Party hereby grants to the receiving Party the limited right and license, on a non-exclusive, irrevocable, and royalty-free basis, to use the Confidential Information for any lawful, internal business purpose in the manner and to the extent permitted by this Agreement.

15.2 PRESERVATION OF PROPRIETARY RIGHTS

15.2.1. Proprietary Solution. Customer acknowledges that the Licensed Products and any associated Documentation, data, and methodologies used in providing Services are proprietary to Motorola Solutions or its third party licensors and contain valuable trade secrets. In accordance with this Agreement, Customer and its employees shall treat the Solution and all Proprietary Rights as Confidential Information and will maintain the strictest confidence.

15.2.2. Ownership. Each Party owns and retains all of its Proprietary Rights that exist on the Effective Date. Motorola Solutions owns and retains all Proprietary Rights that are developed, originated, or prepared in connection with providing the Deliverables or Services to Customer, and this Agreement does not grant to Customer any shared development rights. At Motorola Solutions' request and expense, Customer will execute all papers and provide reasonable assistance to Motorola Solutions to enable Motorola Solutions to establish the Proprietary Rights. Unless otherwise explicitly stated herein, this Agreement does not restrict a Party concerning

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its own Proprietary Rights and is not a grant (either directly or by implication, estoppel, or otherwise) of a Party's Proprietary Rights to the other Party.

15.3 Remedies. Because Licensed Products contain valuable trade secrets and proprietary information of Motorola Solutions, its vendors and licensors, Customer acknowledges and agrees that any actual or threatened breach of this Section will constitute immediate, irreparable harm to Motorola Solutions for which monetary damages would be an inadequate remedy, and that injunctive relief is an appropriate remedy for such breach. Notwithstanding anything in this Agreement to the contrary, Motorola Solutions reserves the right to obtain injunctive relief and any other appropriate remedies from any court of competent jurisdiction in connection with any actual, alleged, or suspected breach of Section 3, infringement, misappropriation or violation of Motorola Solutions' Property Rights, or the unauthorized use of Motorola Solutions' Confidential Information. Any such action or proceeding may be brought in any court of competent jurisdiction. Except as otherwise expressly provided in this Agreement, the parties' rights and remedies under this Agreement are cumulative.

16 GENERAL

16.1 **Future Regulatory Requirements.** The Parties acknowledge and agree that this is an evolving technological area and therefore, laws and regulations regarding Subscription Services and use of the Solution may change. Changes to existing Subscription Services or Solution required to achieve regulatory compliance may be available for an additional fee. Any required changes may also impact the Fees for services.

16.2 **Compliance with Applicable Laws.** Each Party will comply with all applicable federal, state, and local laws, regulations and rules concerning the performance of this Agreement. Further, Customer will comply with all applicable export and import control laws and regulations in its use of the Licensed Products and Subscription Services. In particular, Customer will not export or re-export the Licensed Products without Motorola Solutions'' prior written consent, and, if such consent is granted, without Customer first obtaining all required United States and foreign government licenses. Customer further agrees to comply with all applicable laws and regulations in providing the Customer Data to Motorola Solutions, and Customer warrants and represents to Motorola Solutions that Customer has all rights necessary to provide such Customer Data to Motorola Solutions for the uses as contemplated hereunder. Customer shall obtain at its expense all necessary licenses, permits and regulatory approvals required by any and all governmental authorities as may from time to time be required in connection with its activities related to this Agreement. To the extent permitted by applicable law, Customer will defend, indemnify, and hold harmless Motorola Solutions from and against any violation of such laws or regulations by Customer or any of its agents, officers, directors, or employees.

16.3 **Audit.** Motorola Solutions reserves the right to monitor and audit use of the Subscription Services. Customer will cooperate and will require Users to cooperate with such monitoring or audit.

16.4 **Assignability.** Except as provided herein, neither Party may assign this Agreement or any of its rights or obligations hereunder without the prior written consent of the other Party, which consent will not be unreasonably withheld. Any attempted assignment, delegation, or transfer without the necessary consent will be void. Notwithstanding the foregoing, Motorola Solutions may assign this Agreement to any of its affiliates or its right to receive payment without the prior consent of Customer. In addition, in the event Motorola Solutions separates one or more of its businesses (each a "Separated Business"), whether by way of a sale, establishment of a joint venture, spin-off or otherwise (each a "Separation Event"), Motorola Solutions may, without the prior written consent of the other Party and at no additional cost to Motorola Solutions, assign this Agreement such that it will continue to benefit the Separated Business and its affiliates (and Motorola Solutions and its affiliates, to the extent applicable) following the Separation Event. Motorola Solutions may subcontract any of the work, but subcontracting will not relieve Motorola Solutions of its duties under this Agreement.

16.5 **Subcontracting.** Motorola Solutions may subcontract any portion of the Subscription Services without prior notice or consent of Customer.

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16.6 **Waiver.** Failure or delay by either Party to exercise a right or power will not be a waiver of the right or power. For a waiver of a right or power to be effective, it must be in a writing signed by the waiving Party. An effective waiver of a right or power will not be construed as either a future or continuing waiver of that same right or power, or the waiver of any other right or power.

16.7 **Severability.** If a court of competent jurisdiction renders any part of this Agreement invalid or otherwise unenforceable, that part will be severed and the remainder of this Agreement will continue in full force and effect.

16.8 **Independent Contractors.** Each Party will perform its duties under this Agreement as an independent contractor. The parties and their personnel will not be considered to be employees or agents of the other Party. Nothing in this Agreement will be interpreted as granting either Party the right or authority to make commitments of any kind for the other. This Agreement will not constitute, create, or be interpreted as a joint venture, partnership or formal business organization of any kind.

16.9 **Headings.** The section headings in this Agreement are inserted only for convenience and are not to be construed as part of this Agreement or as a limitation of the scope of the particular section to which the heading refers. This Agreement will be fairly interpreted in accordance with its terms and conditions and not for or against either Party.

16.10 **Governing Law.** This Agreement and the rights and duties of the parties will be governed by and interpreted in accordance with the laws of the State of Illinois.

16.11 **Notices.** Notices required under this Agreement to be given by one Party to the other must be in writing and either personally delivered or sent to the address provided by the other Party by certified mail, return receipt requested and postage prepaid (or by a recognized courier service, such as Federal Express, UPS, or DHL), or by facsimile with correct answerback received, and will be effective upon receipt.

16.12 **Authority to Execute Agreement.** Each Party represents that it has obtained all necessary approvals, consents and authorizations to enter into this Agreement and to perform its duties under this Agreement; the person executing this Agreement on its behalf has the authority to do so; upon execution and delivery of this Agreement by the parties, it is a valid and binding contract, enforceable in accordance with its terms; and the execution, delivery, and performance of this Agreement does not violate any bylaw, charter, regulation, law or any other governing authority of the Party.

16.13 **Return of Equipment.** Upon termination of the contract for any reason, Customer shall return to Motorola Solutions all equipment delivered to Customer, if any.

16.14 **Survival of Terms**. The following provisions survives the expiration or termination of this Agreement for any reason: if any payment obligations exist, Section 5 (Subscription Fees); Section 11 (Limitation of Liability); Section 12 (Default and Termination); Section 13 (Disputes); Section 15 (Confidential Information and Proprietary Rights);; and all General provisions in Section 16.

16.15 **ENTIRE AGREEMENT.** This Agreement and any Incorporated Documents or related attachments constitute the entire agreement of the Parties regarding the subject matter of this Agreement and supersedes all previous agreements, proposals, and understandings, whether written or oral, relating to this subject matter. This Agreement may be amended or modified only by a written instrument signed by authorized representatives of both Parties. The preprinted terms and conditions found on any Customer purchase or purchase order, acknowledgment or other form will not be considered an amendment or modification of this Agreement, even if a representative of each Party signs that document.

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MOTOROLA SOLUTIONS

QUOTE-1514283

In witness whereof, the parties hereto have executed this Agreement as of the Effective Date.

CUSTOMER

BY:_____

NAME:_____
TITLE:_____
DATE:_____

MOTOROLA SOLUTIONS, INC.

BY: _____

NAME: _____
TITLE: _____
DATE: _____

BILL TO ADDRESS:

Name:_____
Address:_____
Address:_____
Phone #:_____
Email: _____
Note: Invoices will be emailed to this address.

SHIP TO ADDRESS:

Name:_____
Address:_____
Address:_____
Phone #:_____

FINAL DESTINATION:
Name:_____
Address:_____
Address:_____
Phone #: _____

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EXHIBIT A
MOTOROLA SOLUTIONS SOFTWARE LICENSE AGREEMENT

This Exhibit A Motorola Solutions Software License Agreement ("Agreement") is between Motorola Solutions, Inc., ("Motorola Solutions"), and _____ ("Licensee").

For good and valuable consideration, the parties agree as follows:

1. DEFINITIONS

1.1. **"Designated Products"** means products provided by Motorola Solutions to Licensee with which or for which the Software and Documentation is licensed for use.

1.2 **"Documentation"** means product and software documentation that specifies technical and performance features and capabilities, and the user, operation and training manuals for the Software (including all physical or electronic media upon which such information is provided).

1.3. **"Open Source Software"** means software with either freely obtainable source code, license for modification, or permission for free distribution.

1.4. **"Open Source Software License"** means the terms or conditions under which the Open Source Software is licensed.

1.5 **"Primary Agreement"** means the Addendum to which this exhibit is attached.

1.6 **"Security Vulnerability"** means a flaw or weakness in system security procedures, design, implementation, or internal controls that could be exercised (accidentally triggered or intentionally exploited) and result in a security breach such that data is compromised, manipulated or stolen or the system damaged.

1.7 **"Software"** (i) means proprietary software in object code format, and adaptations, translations, de-compilations, disassemblies, emulations, or derivative works of such software; (ii) means any modifications, enhancements, new versions and new releases of the software provided by Motorola Solutions; and (iii) may contain one or more items of software owned by a third party supplier. The term "Software" does not include any third party software provided under separate license or third party software not licensable under the terms of this Agreement.

2. SCOPE

Motorola Solutions and Licensee enter into this Agreement in connection with Motorola Solutions' delivery of certain proprietary software or products containing embedded or pre-loaded proprietary software, or both. This Agreement contains the terms and conditions of the license Motorola Solutions is providing to Licensee, and Licensee's use of the proprietary software and affiliated documentation.

3. GRANT OF LICENSE

3.1 Subject to the provisions of this Agreement and the payment of applicable license fees, Motorola Solutions grants to Licensee a personal, limited, non-transferable (except as permitted in Section 7) and non-exclusive license under Motorola Solutions' copyrights and Confidential Information (as defined in the Primary Agreement) embodied in the Software to use the Software, in object code form, and the Documentation solely in connection with Licensee's use of the Designated Products. This Agreement does not grant any rights to source code.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

3.2 If the Software licensed under this Agreement contains or is derived from Open Source Software, the terms and conditions governing the use of such Open Source Software are in the Open Source Software Licenses of the copyright owner and not this Agreement. If there is a conflict between the terms and conditions of this Agreement and the terms and conditions of the Open Source Software Licenses governing Licensee's use of the Open Source Software, the terms and conditions of the license grant of the applicable Open Source Software Licenses will take precedence over the license grants in this Agreement. If requested by Licensee, Motorola Solutions will use commercially reasonable efforts to: (i) determine whether any Open Source Software is provided under this Agreement; and (ii) identify the Open Source Software (or specify where that license may be found)

4. LIMITATIONS ON USE

4.1 Licensee may use the Software only for Licensee's internal business purposes and only in accordance with the Documentation. Any other use of the Software is strictly prohibited. Without limiting the general nature of these restrictions, Licensee will not make the Software available for use by third parties on a "time sharing," "application service provider," or "service bureau" basis or for any other similar commercial rental or sharing arrangement.

4.2 Licensee will not, and will not allow or enable any third party to: (i) reverse engineer, disassemble, peel components, decompile, reprogram or otherwise reduce the Software or any portion to a human perceptible form or otherwise attempt to recreate the source code; (ii) modify, adapt, create derivative works of, or merge the Software; (iii) copy, reproduce, distribute, lend, or lease the Software or Documentation to any third party, grant any sublicense or other rights in the Software or Documentation to any third party, or take any action that would cause the Software or Documentation to be placed in the public domain; (iv) remove, or in any way alter or obscure, any copyright notice or other notice of Motorola Solutions' proprietary rights; (v) provide, copy, transmit, disclose, divulge or make the Software or Documentation available to, or permit the use of the Software by any third party or on any machine except as expressly authorized by this Agreement; or (vi) use, or permit the use of, the Software in a manner that would result in the production of a copy of the Software solely by activating a machine containing the Software. Licensee may make one copy of Software to be used solely for archival, back-up, or disaster recovery purposes; provided that Licensee may not operate that copy of the Software at the same time as the original Software is being operated. Licensee may make as many copies of the Documentation as it may reasonably require for the internal use of the Software.

4.3 Unless otherwise authorized by Motorola Solutions in writing, Licensee will not, and will not enable or allow any third party to: (i) install a licensed copy of the Software on more than one unit of a Designated Product; or (ii) copy onto or transfer Software installed in one unit of a Designated Product onto one other device. Licensee may temporarily transfer Software installed on a Designated Product to another device if the Designated Product is inoperable or malfunctioning, if Licensee provides written notice to Motorola Solutions of the temporary transfer and identifies the device on which the Software is transferred. Temporary transfer of the Software to another device must be discontinued when the original Designated Product is returned to operation and the Software must be removed from the other device. Licensee must provide prompt written notice to Motorola Solutions at the time temporary transfer is discontinued.

4.4 Licensee will maintain, during the term of this Agreement and for a period of two years thereafter, accurate records relating to this license grant to verify compliance with this Agreement. Motorola Solutions or an independent third party ("Auditor") may inspect Licensee's premises, books and records, upon reasonable prior notice to Licensee, during Licensee's normal business hours and subject to Licensee's facility and security regulations. Motorola Solutions is responsible for the payment of all expenses and costs of the Auditor. Any information obtained by Motorola Solutions and the Auditor will be kept in strict confidence by Motorola Solutions and the Auditor and used solely for the purpose of verifying Licensee's compliance with the terms of this Agreement.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

5. OWNERSHIP AND TITLE

Motorola Solutions, its licensors, and its suppliers retain all of their proprietary rights in any form in and to the Software and Documentation, including, but not limited to, all rights in patents, patent applications, inventions, copyrights, trademarks, trade secrets, trade names, and other proprietary rights in or relating to the Software and Documentation (including any corrections, bug fixes, enhancements, updates, modifications, adaptations, translations, de-compilations, disassemblies, emulations to or derivative works from the Software or Documentation, whether made by Motorola Solutions or another party, or any improvements that result from Motorola Solutions' processes or, provision of information services). No rights are granted to Licensee under this Agreement by implication, estoppel or otherwise, except for those rights which are expressly granted to Licensee in this Agreement. All intellectual property developed, originated, or prepared by Motorola Solutions in connection with providing the Software, Designated Products, Documentation or related services, remains vested exclusively in Motorola Solutions, and Licensee will not have any shared development or other intellectual property rights.

6. LIMITED WARRANTY; DISCLAIMER OF WARRANTY

6.1. Unless otherwise stated in the Primary Agreement, the commencement date and the term of the Software warranty will be a period of ninety (90) days from Motorola Solutions' shipment of the Software (the "Warranty Period"). If Licensee is not in breach of any of its obligations under this Agreement, Motorola Solutions warrants that the unmodified Software, when used properly and in accordance with the Documentation and this Agreement, will be free from a reproducible defect that eliminates the functionality or successful operation of a feature critical to the primary functionality or successful operation of the Software. Whether a defect occurs will be determined by Motorola Solutions solely with reference to the Documentation. Motorola Solutions does not warrant that Licensee's use of the Software or the Designated Products will be uninterrupted, error-free, completely free of Security Vulnerabilities, or that the Software or the Designated Products will meet Licensee's particular requirements. Motorola Solutions makes no representations or warranties with respect to any third party software included in the Software. Notwithstanding, any warranty provided by a copyright owner in its standard license terms will flow through to Licensee for third party software provided by Motorola Solutions.

6.2 Motorola Solutions' sole obligation to Licensee and Licensee's exclusive remedy under this warranty is to use reasonable efforts to remedy any material Software defect covered by this warranty. These efforts will involve either replacing the media or attempting to correct significant, demonstrable program or documentation errors or Security Vulnerabilities. If Motorola Solutions cannot correct the defect within a reasonable time, then at Motorola Solutions' option, Motorola Solutions will replace the defective Software with functionally-equivalent Software, license to Licensee substitute Software which will accomplish the same objective, or terminate the license and refund the Licensee's paid license fee.

6.3 Warranty claims are described in the Primary Agreement.

6.4 The express warranties set forth in this Section 6 are in lieu of, and Motorola Solutions disclaims, any and all other warranties (express or implied, oral or written) with respect to the Software or Documentation, including, without limitation, any and all implied warranties of condition, title, non-infringement, merchantability, or fitness for a particular purpose or use by Licensee (whether or not Motorola Solutions knows, has reason to know, has been advised, or is otherwise aware of any such purpose or use), whether arising by law, by reason of custom or usage of trade, or by course of dealing. In addition, Motorola Solutions disclaims any warranty to any person other than Licensee with respect to the Software or Documentation.

7. TRANSFERS

Licensee will not transfer the Software or Documentation to any third party without Motorola Solutions' prior written consent. Motorola Solutions' consent may be withheld at its discretion and may be conditioned upon transferee paying all applicable license fees and agreeing to be bound by this Agreement. If the Designated Products are Motorola Solutions' radio products and Licensee transfers ownership of the Motorola Solutions radio products to a third party, Licensee may assign its right to use the Software (other than CPS and Motorola

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Solutions' FLASHport® software) which is embedded in or furnished for use with the radio products and the related Documentation; provided that Licensee transfers all copies of the Software and Documentation to the transferee, and Licensee and the transferee sign a transfer form to be provided by Motorola Solutions upon request, obligating the transferee to be bound by this Agreement.

8. TERM AND TERMINATION

8.1 Licensee's right to use the Software and Documentation will begin when the Primary Agreement is signed by both parties and will continue for the life of the Designated Products with which or for which the Software and Documentation have been provided by Motorola Solutions, unless Licensee breaches this Agreement, in which case this Agreement and Licensee's right to use the Software and Documentation may be terminated immediately upon notice by Motorola Solutions.

8.2 Within thirty (30) days after termination of this Agreement, Licensee must certify in writing to Motorola Solutions that all copies of the Software have been removed or deleted from the Designated Products and that all copies of the Software and Documentation have been returned to Motorola Solutions or destroyed by Licensee and are no longer in use by Licensee.

8.3 Licensee acknowledges that Motorola Solutions made a considerable investment of resources in the development, marketing, and distribution of the Software and Documentation and that Licensee's breach of this Agreement will result in irreparable harm to Motorola Solutions for which monetary damages would be inadequate. If Licensee breaches this Agreement, Motorola Solutions may terminate this Agreement and be entitled to all available remedies at law or in equity (including immediate injunctive relief and repossession of all non-embedded Software and associated Documentation unless Licensee is a Federal agency of the United States Government).

9. COMMERCIAL COMPUTER SOFTWARE

9.1 This Section 9 only applies to U.S. Government end-users. The Software, Documentation and updates are commercial items as that term is defined at 48 C.F.R. Part 2.101, consisting of "commercial computer software" and "computer software documentation" as such terms are defined in 48 C.F.R. Part 252.227-7014(a)(1) and 48 C.F.R. Part 252.227-7014(a)(5), and used in 48 C.F.R. Part 12.212 and 48 C.F.R. Part 227.7202, as applicable. Consistent with 48 C.F.R. Part 12.212, 48 C.F.R. Part 252.227-7015, 48 C.F.R. Part 227.7202-1 through 227.7202-4, 48 C.F.R. Part 52.227-19, and other relevant sections of the Code of Federal Regulations, as applicable, the Software, Documentation and Updates are distributed and licensed to U.S. Government end-users: (i) only as commercial items, and (ii) with only those rights as are granted to all other end-users pursuant to the terms and conditions contained herein.

9.2 If Licensee is licensing Software for end use by the United States Government or a United States Government agency, Licensee may transfer such Software license, but only if: (i) Licensee transfers all copies of such Software and Documentation to such United States Government entity or interim transferee, and (ii) Licensee has first obtained from the transferee (if applicable) and ultimate end-user an enforceable end-user license agreement containing restrictions substantially identical to the ones contained in this Agreement. Except as stated in the foregoing, Licensee and any transferee(s) authorized by this subsection 9.2 may not otherwise use or transfer or make available any Motorola Solutions software to any third party nor permit any party to do so.

10. CONFIDENTIALITY

Licensee acknowledges that the Software and Documentation contain Motorola Solutions' valuable proprietary and Confidential Information and are Motorola Solutions' trade secrets, and that the provisions in the Primary Agreement concerning Confidential Information apply.

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11. LIMITATION OF LIABILITY

The Limitation of Liability provision is described in the Equipment Sale Addendum.

12. GENERAL

12.1. **COPYRIGHT NOTICES**. The existence of a copyright notice on the Software will not be construed as an admission or presumption of publication of the Software or public disclosure of any trade secrets associated with the Software.

12.2. **COMPLIANCE WITH LAWS**. Licensee acknowledges that the Software is subject to the laws and regulations of the United States and Licensee will comply with all applicable laws and regulations, including export laws and regulations of the United States. Licensee will not, without the prior authorization of Motorola Solutions and the appropriate governmental authority of the United States, in any form export or re-export, sell or resell, ship or reship, or divert, through direct or indirect means, any item or technical data or direct or indirect products sold or otherwise furnished to any person within any territory for which the United States Government or any of its agencies at the time of the action, requires an export license or other governmental approval. Violation of this provision is a material breach of this Agreement.

12.3. **ASSIGNMENTS AND SUBCONTRACTING**. Motorola Solutions may assign its rights or subcontract its obligations under this Agreement, or encumber or sell its rights in any Software, without prior notice to or consent of Licensee.

12.4. **GOVERNING LAW**. This Agreement is governed by the laws of the United States to the extent that they apply and otherwise by the internal substantive laws of the State to which the Software is shipped if Licensee is a sovereign government entity, or the internal substantive laws of the State of Illinois if Licensee is not a sovereign government entity. The terms of the U.N. Convention on Contracts for the International Sale of Goods do not apply. In the event that the Uniform Computer Information Transaction Act, any version of this Act, or a substantially similar law (collectively "UCITA") becomes applicable to a party's performance under this Agreement, UCITA does not govern any aspect of this Agreement or any license granted under this Agreement, or any of the parties' rights or obligations under this Agreement. The governing law will be that in effect prior to the applicability of UCITA.

12.5. **THIRD PARTY BENEFICIARIES**. This Agreement is entered into solely for the benefit of Motorola Solutions and Licensee. No third party has the right to make any claim or assert any right under this Agreement, and no third party is deemed a beneficiary of this Agreement. Notwithstanding the foregoing, any licensor or supplier of third party software included in the Software will be a direct and intended third party beneficiary of this Agreement.

12.6. **SURVIVAL**. Sections 4, 5, 6.4, 7, 8, 9, 10, 11 and 13 survive the termination of this Agreement.

12.7. **ORDER OF PRECEDENCE.** In the event of inconsistencies between this Exhibit and the Primary Agreement, the parties agree that this Exhibit prevails, only with respect to the specific subject matter of this Exhibit, and not the Primary Agreement or any other exhibit as it applies to any other subject matter.

12.8 **SECURITY**. Motorola Solutions uses reasonable means in the design and writing of its own Software and the acquisition of third party Software to limit Security Vulnerabilities. While no software can be guaranteed to be free from Security Vulnerabilities, if a Security Vulnerability is discovered, Motorola Solutions will take the steps set forth in Section 6 of this Agreement.

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CRITICAL CONNECT AND WAVE ADDENDUM

1. SERVICE PAYMENT REQUIREMENTS

The subscription service term for the Critical Connect and WAVE service is three (3) years (“Term”). At the end of the Term, the subscription service will renew automatically for an additional three (3) year renewal Term unless terminated in accordance with the Agreement.

Customer will pre-pay for services on a monthly basis. Payment is due on the first of each month for subscription services to be provided that month. Customer may elect to pre-pay for the entire year of service if they choose.

If payment is not received within 30 days of invoice, Motorola Solutions reserves the right to deactivate service.

2. CANCELLATION FEES

If Customer terminates the Agreement prior to the end of a three year term, Customer will be obligated to pay a cancellation fee up to fifty percent (50%) of the remaining three (3) year term at list price.

3. EQUIPMENT OWNERSHIP

Equipment installed on-premise through the setup fee is owned by Customer. As part of the subscription service, Motorola Solutions will require access to the necessary equipment to maintain service through software upgrades and provisioning.

4. SERVICE TIER UPGRADES AND DOWNGRADES

The Customer can upgrade the service to higher tiers or downgrade to a lower tier. Additionally, the Customer can stack multiple tiers together (additional setup fees may be required if upgrading to higher capacity levels). When the Customer performs a tier upgrade or downgrade, the service term will be reset and a new three (3) year Term will commence.

5. PORT RESTRICTIONS

The Motorola Solutions on-premise gateway utilizes an ISSI connection and port. This connection is to be used only by the Motorola Solutions on-premise gateway in accordance with this service. Use of this ISSI connection and port with any other non-approved gateway is a violation of this Agreement and will result in immediate charge of the ISSI CAPEX list price rate.

6. HARDWARE UPGRADES

Hosted hardware owned by Motorola Solutions for this service and as defined in the Scope of Work will be upgraded as needed to enable the Service.

7. CALEA

When connecting to carrier-integrated Mission Critical PTT solutions, carriers must follow CALEA requirements. Motorola Solutions carrier-integrated platforms are fully compliant with CALEA.

8. MAINTENANCE

Scheduled maintenance of the Critical Connect Solution will be performed periodically. Motorola Solutions will make commercially reasonable efforts to notify customers a week in advance. Unscheduled and emergency maintenance may be required from time to time. Motorola Solutions will make commercially reasonable efforts to notify customers of unscheduled or emergency maintenance 24 hours in advance.

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APX NEXT RADIO SOLUTIONS

Overview

APX NEXT is Motorola Solutions' next-generation P25 platform purpose-built for first responders to access and act on information while maintaining focus in critical situations. Across all aspects of the radio experience—deployment, operation, maintenance, and evolution—APX NEXT brings critical advancements to usability and performance. Equipped with broadband, LTE, Wi-Fi, Bluetooth 5.0, and GPS capabilities, APX NEXT extends future-ready performance, applications, and full interoperability to the field and control room to transform accurate data into smarter action.

Key benefits of the APX NEXT include the following:

- **SmartTouch Experience** – Easier operation centered around a redefined 3.6" impact resistant touch display and shallow menu hierarchy. This cleaner and more intuitive visual layout increases the usability of the APX NEXT radio and helps users find the information they need without pause or distraction.
- **Ruggedized, Ergonomic Design** – Increased personnel safety and efficiency with an improved T-Grip ergonomic design, full-color top display, and tactile knobs for efficient use in emergency situations. Patented touch technology enables for reliable gloved use, while also making the screen immune to false actuations from water, snow, ice, or debris. The APX Next device meets the same MIL standards for ruggedization achieved by Motorola Solutions' APX platform radios.
- **Easy Fleet Management** – Easier and quicker radio provisioning, remote software updates, and streamlined management reduce downtime and support control center staff. Motorola Solutions' Device Management Services (DMS) maximize the effectiveness of APX NEXT, reducing maintenance risk, workload, and total cost of ownership. DMS brings RadioCentral (RC) programming to APX NEXT, as well, supporting faster provisioning and deployment to get devices in the hands of responders and out into the field.
- **Secure Communications** – Hardened End-to-End security allows only authorized units in the system to listen to transmissions. Real-time security provides seamless protection from the device and data in transit to the cloud and the LMR system

Evolving with Applications Services

APX NEXT Application Services enhance device capabilities and improve user experience. These applications are subscription-based offerings for easier optimization and scaling to meet evolving needs.

SmartMessaging

The SmartMessaging application allows APX NEXT users to seamlessly and discreetly share multimedia communications over a Broadband connection, offloading traffic from mission-critical LMR networks while enhancing public safety capabilities. From the APX NEXT home screen, users can send more detailed multimedia messages, with image, video, or audio file attachments, to enhance situational awareness and improve response success. An enhanced search and history functionality is available for users to easily access previous messages by name, content, and time range, helping them find specific information when needed.

SmartLocate

The SmartLocate application provides dispatchers with accurate location data over a broadband network, enabling better tracking of field personnel and improved situational awareness. By using the broadband network and CommandCentral Aware integration, SmartLocate can quickly send GPS coordinate updates

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and location information from the field to dispatchers to create a more effective operating picture of any situation. This gives dispatchers a greater ability to manage incidents and efficiently dispatch available units with confidence that resources are allocated where necessary. Access to CommandCentral Aware is not included with a SmartLocate subscription.

SmartProgramming

Leveraging DMS and RadioCentral provisioning capabilities, the SmartProgramming application allows APX NEXT radios to be updated anywhere within an agency's local LTE network coverage area. APX NEXT devices no longer need to be tied to a computer via USB cable, limited to WiFi network coverage, or gated by Land Mobile Radio (LMR) bandwidth. SmartProgramming allows the APX NEXT device to take advantage of LTE broadband data speeds to pull programming jobs from RadioCentral devices in minutes.

SmartMapping

The SmartMapping application provides precise and accessible location information for field users on APX NEXT's modernized map interface, improving situational awareness and informing response. Users can see their own location and the location/status of other officers at a glance and immediately tap to communicate with these personnel. SmartMapping streamlines engagement by providing access to the application directly from the APX NEXT radio's home screen to best support users wherever the mission takes them.

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Staff Report

TO: City Council

FROM: Todd Parton, City Manager

DATE August 17, 2021

SUBJECT: **Consideration of a Joint Resolution Between the Cities of Banning, Beaumont, and Calimesa and the Morongo Band of Mission Indians to Work Cooperatively to Create an International Highway 10 Corridor Strategic Plan**

Background and Analysis:

At its meeting of March 16, 2021, the City Council voted unanimously to accept a concept for a multi-jurisdictional International Highway 10 (IH-10) corridor strategic plan for active transportation. The concept was for the Cities of Banning, Beaumont and Calimesa in conjunction with the Morongo Band of Mission Indians to work cooperatively on a strategic plan to identify and prioritize transportation needs along the IH-10 corridor. In its motion, the City Council authorized Mayor Lara to reach out to the other entities.

Mayor Lara has discussed the IH-10 strategic plan concept with each of the other entities who have all expressed support for the concept and a willingness to participate. It is anticipated that this planning effort will require significant funds for which regional planning grant opportunities may be available. It will be important that each of the participating entities show its commitment to this effort and, therefore, a joint resolution has been drafted. Attachment A contains a copy of the joint resolution.

The resolution affirms that each entity will participate with the creation of an IH-10 corridor strategic plan and will support any grant applications for the preparation of a planning document. Furthermore, it affirms that each entity will adopt a strategic plan that has been developed via an inclusionary process that affords fair and equal input. Finally, the resolution provides that each entity will designate a member from its governing body to participate in an oversite committee who will oversee the creation and adoption of the strategic plan.

A copy of the resolution has been shared with the Cities of Banning and Calimesa as well as the Morongo Band of Mission Indians. As of the date of this memorandum no comments or amendments to the document had been submitted by these other entities.

Fiscal Impact:

City staff estimates that it costs approximately $880 to prepare this report.

Recommended Action:

Waive the full reading and adopt by title only, “A Joint Resolution of the City Councils of the City of Banning, City of Beaumont, and City of Calimesa, and the Morongo Band of Mission Indians to Expand and Diversify the San Gorgonio Pass Regional Transportation System, to Mitigate Environmental Impacts and Support Regional Economic Growth,” and
Authorize Mayor Lara to coordinate with the other entities to secure their approvals.

Attachments:

A. Draft Resolution
B. Strategic Plan

RESOLUTION NO. 2021-

A JOINT RESOLUTION OF THE CITY COUNCILS OF THE CITY OF BANNING, CITY OF BEAUMONT, AND CITY OF CALIMESA, AND THE MORONGO BAND OF MISSION INDIANS TO EXPAND AND DIVERSIFY THE SAN GORGONIO PASS REGIONAL TRANSPORTATION SYSTEM TO MITIGATE ENVIRONMENTAL IMPACTS AND SUPPORT REGIONAL ECONOMIC GROWTH.

WHEREAS, the San Gorgonio Pass continues to be one of the State of California's fastest growing regions and is vital to achieving regional jobs and housing objectives; and

WHEREAS, the International Highway 10 corridor is vital to the continued growth of the international, state, regional, and local economies; and

WHEREAS, the Cities of Banning, Beaumont and Calimesa, and the Morongo Band of Mission Indians are committed to protecting public safety, promoting economic sustainability, and enhancing the quality of life throughout the San Gorgonio Pass through a coordinated effort to increase the capacity and efficiency of the transportation systems along the International Highway 10 corridor; and

WHEREAS, the Cities of Banning, Beaumont and Calimesa, and the Morongo Band of Mission Indians recognize that a cooperative effort is required to secure support and funding from regional, state and federal agencies that provides for the infrastructure improvements that are necessary for safe and reliable transportation options for residents and visitors while also supporting a robust economy and minimizing the negative impacts of growth; and

WHEREAS, the development of a comprehensive multi-modal strategic plan that identifies deficiencies and prioritizes short-term, medium-term, and long-term key projects to address regional transportation needs is crucial to successfully managing growth and maximizing regional resources to the benefit of all; and

WHEREAS, the Cities of Banning, Beaumont and Calimesa, and the Morongo Band of Mission Indians are committed to a sustained, mutually supportive effort to address transportation needs along the International Highway 10 corridor and to interconnect the respective transportation systems of each entity:

NOW, THERFORE BE IT RESOLVED by the City of Banning, City of Beaumont, City of Calimesa, and the Morongo Band of Mission Indians as follows:

1. Each entity agrees to participate with the creation of an International Highway 10 Corridor Strategic Plan as described in the outline titled *"Transforming the Pass: International Highway Corridor Strategic Plan – 2022 to 2052"* and as provided in Attachment A.

2. Each entity agrees to support any grant applications to fund the preparation of an International Highway 10 Corridor Strategic Plan document.

3. Each entity agrees to formally adopt an International Highway 10 Corridor Strategic Plan that has been prepared utilizing an inclusionary planning process that offers fair and equal input to all.

4. Each entity agrees to designate a member from its governing body to participate as an oversite committee member to oversee the creation and adoption of an International Highway 10 Corridor Strategic Plan.

CITY OF BANNING

MOVED, PASSED AND ADOPTED this ____ day of _____ 2021.

AYES:

NOES:

ABSTAIN:

ABSENT:

By:_____,
Colleen Wallace, Mayor

ATTEST:

_____
Deputy City Clerk

CITY OF BEAUMONT

MOVED, PASSED AND ADOPTED this ____ day of _____ 2021.

AYES:

NOES:

ABSTAIN:

ABSENT:

By:_____,
Mike Lara, Mayor

ATTEST:

_____
Nicole Wheelwright
Deputy City Clerk

CITY OF CALIMESA

MOVED, PASSED AND ADOPTED this ____ day of _____ 2021.

AYES:

NOES:

ABSTAIN:

ABSENT:

By:_____,
Bill Davis, Mayor

ATTEST:

_____
Deputy City Clerk

MORNGO BAND OF MISSION INDIANS

MOVED, PASSED AND ADOPTED this ____ day of _____ 2021.

AYES:

NOES:

ABSTAIN:

ABSENT:

By:_____,
Charles Martin, Chairman

ATTEST:

_____

ATTACHMENT A
Transforming the Pass
IH-10 Corridor Strategic Plan – 2022 to 2052

Vision:
To expand and diversify the transportation system via coordinated efforts through the San Gorgonio Pass to achieve following goals:

- Improve overall mobility;
- Accessibility & Equity to improve access to non-single occupancy vehicle modes, etc.;
- Safety;
- State of Good Repair;
- Sustainability;
- Support regional economic growth; and
- Enhance quality of life.

Purpose:
To develop a comprehensive multi-modal perspective strategic plan that identifies deficiencies and prioritizes short-term, medium-term, and long-term key projects to address transportation needs. The strategic plan will include an implementation component that contains a project schedule to indicate the preferred timing of projects, cost estimates, and sources of funding.

Said strategic plan is to be a formal document to be adopted by each of the stakeholder agencies and to be utilized as the basis for input on transportation-related matters to outside agencies such as the Western Riverside Council of Governments (WRCOG), Riverside County Transportation Commission (RCTC), Southern California Council of Governments (SCAG), California Department of Transportation (Caltrans), Metrolink, US Highway Department, etc.

Scope:

Geography
The strategic plan should consider transportation needs along the IH-10 corridor extending from the San Bernardino County line east to Cabazon. Stakeholder agencies to be included in the planning process and, ultimately, by the plan's implementation efforts are:

- Riverside County,
- City of Banning,
- City of Beaumont,
- City of Calimesa, and
- Morongo Band of Mission Indians.

Transportation Elements
The strategic plan should consider all modes of transportation – roadways, bikeways, pedestrian ways, commuter rail, commercial rail, transit, and air. This should also consider emerging technologies like autonomous vehicles and mobility on demand.

Analysis
In order to be an effective plan, it will be critical to start with a comprehensive existing conditions analysis and conclude with a needs analysis based on metrics that are fully agreed to by all stakeholders. Major components of the analysis should incorporate the following:

<u>EXISTING CONDITIONS</u>

- Existing Demographic Characteristics
- Existing Roadway Conditions:
    - Current Traffic Patterns,

    - Condition of Existing Infrastructure:
        - Excellent,
        - Good,
        - Fair,
        - Poor,
        - Failed,
    - Current Traffic Load:
        - Maximum Daily Traffic Counts,
        - Peak Traffic Demand Cycles,
    - Current Levels of Development:
        - Fully Developed Areas,
        - Entitled Areas (Include Timing of Build Out),
    - Current Capacity of Existing Infrastructure:
        - Level of Consumption – Maximum Daily Demand, and
        - Level of Consumption – Peak Demand Periods.
    - Vehicle Miles Traveled (VMT)
- Existing Rail Conditions:
    - Current Rail Capacity (Commercial Only Since No Commuter Rail Services Exist),
    - Current Level of Rail Usage:
        - Amount of Existing Capacity Utilized,
        - Remaining Capacity Available,
        - Contracts for Rail Service within the Study Area,
    - Current Rail Rights-of-Way, Easements or other Entitlements, and
    - Condition of Existing Infrastructure:
        - Excellent,
        - Good,
        - Fair,
        - Poor,
        - Failed.
- Existing Bicycle System(s):
    - Identification of Existing Bicycle Trails/Routes,
    - Identification of Each Bicycle Trail/Route Segment by Type:
        - Class 1,
        - Class 2,
        - Class 3,
    - Condition of Each Bicycle Trail/Route Segment, and
    - Characteristics of Each Major Node/Area Served.
- Existing Pedestrian System(s):
    - Identification of Existing Pedestrian Systems,
    - Identification of Each Pedestrian System Segment:
        - Sidewalk:
            - Material,
            - Width,
            - Condition,
        - Trail:
            - Type,
            - Material,
            - Condition, and
        - Characteristics of Each Major Node/Area Served.
- Existing Transit System (COAs and SRTPs Should Provide the Bulk of this Data):
    - Existing Services Provided:
        - City of Banning,

        - City of Beaumont,
        - Riverside Transit Agency,
        - Sunlines,
        - Omni-Trans,
    - Existing Service Capacity,
    - Existing Level of Service Utilization, and
    - Characteristics of Each Major Node/Area Served.
- Air:
    - Existing Services Provided – City of Banning,
    - Existing Service Capacity, and
    - Existing Level of Service Utilization.
- Physical Constraints:
    - Topography,
    - Floodplains,
    - Environmentally Sensitive Areas,
    - Archeologically Sensitive Areas,
    - Seismic Hazard Zone,
    - Other?

FUTURE CONDITIONS

- Future Demographic Projections,
- Existing Areas of Buildout,
- Entitled Areas for Development:
    - Outline Each Project:
        - Type(s) of Land Uses,
        - Intensities/Densities of Land Uses,
        - Buildout Projections for Each Project,
- Documentation and Mapping of All General Plans:
    - Future Land Use Elements,
    - Transportation Elements,
    - Bicycle/Pedestrian Elements,
- Documentation and Mapping of All Zoning Maps for Each Agency within the Planning Area,
- Population and Housing Forecasts for Each Agency within the Planning Area, SCAG should have all this readily available
- Commercial and Industrial Development Forecasts for Each Agency within the Planning Area, and
- External Factors Influencing Development within Each Agency:
    - Legislative Mandates,
    - Other Agency Programs/Projects/Initiatives,
    - Emerging Technologies,
    - Other(s)?

PROJECT PRIORITIZATION

- Create Evaluation Framework and Scoring System
- Identify Areas of Greatest Existing Need (Short-Term) – Requires Immediate Attention:
    - Congestion/Capacity Consumption,
    - Physical Condition,
    - Other,
- Identify Areas to be Significantly Impacted in the Near Future (Medium-Term) – Requires Attention w/In 10 Years:
    - System Capacity Remaining,
    - Level of Buildout,

  - Level of Development Activity,
  - Other,
- Identify Areas of Long-Term Need – Requires Attention After 10 Years:
  - Projects Identified for 11 to 20-Year Horizon, and
  - Projects Identified for 21 to 30-Year Horizon.

PROJECT COST ESTIMATES AND SCHEDULE

- Establish Project Cost Estimates
  - Identify the source of funding
- Create Project Schedule based on the preferred timing and need of the project

IT WILL BE IMPERATIVE THAT THIS STRATEGIC PLAN BE EVALUATED AND UPDATED ON A REGULAR, SCHEDULED BASIS. THOUGHT SHOULD BE GIVEN TO ESTABLISHING AN OVERSITE COMMITTEE COMPRISED OF A REPRESENTATIVE OF EACH STAKEHOLDER.

Staff Report

TO: City Council

FROM: Nicole Wheelwright, Deputy City Clerk

DATE August 17, 2021

SUBJECT: **Cal Cities Annual Conference Resolution Packet**

Background and Analysis:

Cal Cities (formerly League of California Cities) has provided a packet for the upcoming 2021 Annual Conference which includes resolutions that will be introduced at the annual conference and referred to Cal Cities policy committees for consideration.

It is recommended that the City Council determine a position on the resolutions presented so that the voting delegate may represent the City's position.

Fiscal Impact:

City Staff estimates the cost to prepare this staff report to be $75.

Recommended Action:

Discuss and determine a position on the presented resolution to be considered at the upcoming 2021 Cal Cities Annual Conference.

Attachments:

A. 2021 Annual Conference Resolution Packet

Annual Conference Resolutions Packet

2021 Annual Conference Resolutions

September 22 - 24, 2021

INFORMATION AND PROCEDURES

RESOLUTIONS CONTAINED IN THIS PACKET: The League of California Cities (Cal Cities) bylaws provide that resolutions shall be referred by the president to an appropriate policy committee for review and recommendation. Resolutions with committee recommendations shall then be considered by the General Resolutions Committee at the Annual Conference.

This year, two resolutions have been introduced for consideration at the Annual Conference and referred to Cal Cities policy committees.

POLICY COMMITTEES: Three policy committees will meet virtually one week prior to the Annual Conference to consider and take action on the resolutions. The sponsors of the resolutions have been notified of the time and location of the meetings.

GENERAL RESOLUTIONS COMMITTEE: This committee will meet at 1:00 p.m. on Thursday, September 23, to consider the reports of the policy committees regarding the resolutions. This committee includes one representative from each of Cal Cities regional divisions, functional departments, and standing policy committees, as well as other individuals appointed by the Cal Cities president. Please check in at the registration desk for room location.

CLOSING LUNCHEON AND GENERAL ASSEMBLY: This meeting will be held at 12:30 p.m. on Friday, September 24, at the SAFE Credit Union Convention Center.

PETITIONED RESOLUTIONS: For those issues that develop after the normal 60-day deadline, a petition resolution may be introduced at the Annual Conference with a petition signed by designated voting delegates of 10 percent of all member cities (48 valid signatures required) and presented to the Voting Delegates Desk at least 24 hours prior to the time set for convening the Closing Luncheon & General Assembly. This year, that deadline is 12:30 p.m., Thursday, September 23. Resolutions can be viewed on Cal Cities Web site: www.cacities.org/resolutions.

Any questions concerning the resolutions procedures may be directed to Meg Desmond mdesmond@calcities.org.

GUIDELINES FOR ANNUAL CONFERENCE RESOLUTIONS

Policy development is a vital and ongoing process within Cal Cities. The principal means for deciding policy on the important issues facing cities is through Cal Cities seven standing policy committees and the board of directors. The process allows for timely consideration of issues in a changing environment and assures city officials the opportunity to both initiate and influence policy decisions.

Annual conference resolutions constitute an additional way to develop Cal Cities policy. Resolutions should adhere to the following criteria.

Guidelines for Annual Conference Resolutions

1. Only issues that have a direct bearing on municipal affairs should be considered or adopted at the Annual Conference.

2. The issue is not of a purely local or regional concern.

3. The recommended policy should not simply restate existing Cal Cities policy.

4. The resolution should be directed at achieving one of the following objectives:

    (a) Focus public or media attention on an issue of major importance to cities.

    (b) Establish a new direction for Cal Cities policy by establishing general principals around which more detailed policies may be developed by policy committees and the board of directors.

    (c) Consider important issues not adequately addressed by the policy committees and board of directors.

KEY TO ACTIONS TAKEN ON RESOLUTIONS

Resolutions have been grouped by policy committees to which they have been assigned.

Number	Key Word Index	Reviewing Body Action		
		1	2	3

1 - Policy Committee Recommendation to General Resolutions Committee
2 - General Resolutions Committee
3 - General Assembly

HOUSING, COMMUNITY & ECONOMIC DEVELOPMENT POLICY COMMITTEE

		1	2	3
2	Securing Railroad Property Maintenance			

REVENUE & TAXATION POLICY COMMITTEE

		1	2	3
1	Online Sales Tax Equity			

TRANSPORTATION, COMMUNICATION & PUBLIC WORKS POLICY COMMITTEE

		1	2	3
2	Securing Railroad Property Maintenance			

KEY TO ACTIONS TAKEN ON RESOLUTIONS *(Continued)*

Resolutions have been grouped by policy committees to which they have been assigned.

KEY TO REVIEWING BODIES

1. Policy Committee
2. General Resolutions Committee
3. General Assembly

ACTION FOOTNOTES

* Subject matter covered in another resolution

** Existing League policy

*** Local authority presently exists

KEY TO ACTIONS TAKEN

A Approve

D Disapprove

N No Action

R Refer to appropriate policy committee for study

a Amend+

Aa Approve as amended+

Aaa Approve with additional amendment(s)+

Ra Refer as amended to appropriate policy committee for study+

Raa Additional amendments and refer+

Da Amend (for clarity or brevity) and Disapprove+

Na Amend (for clarity or brevity) and take No Action+

W Withdrawn by Sponsor

Procedural Note:
The League of California Cities resolution process at the Annual Conference is guided by the Cal Cities Bylaws.

1. RESOLUTION OF THE LEAGUE OF CALIFORNIA CITIES ("CAL CITIES") CALLING ON THE STATE LEGISLATURE TO PASS LEGISLATION THAT PROVIDES FOR A FAIR AND EQUITABLE DISTRIBUTION OF THE BRADLEY BURNS 1% LOCAL SALES TAX FROM IN-STATE ONLINE PURCHASES, BASED ON DATA WHERE PRODUCTS ARE SHIPPED TO, AND THAT RIGHTFULLY TAKES INTO CONSIDERATION THE IMPACTS THAT FULFILLMENT CENTERS HAVE ON HOST CITIES BUT ALSO PROVIDES A FAIR SHARE TO CALIFORNIA CITIES THAT DO NOT AND/OR CANNOT HAVE A FULFILLMENT CENTER WITHIN THEIR JURISDICTION

Source: City of Rancho Cucamonga
Concurrence of five or more cities/city officials:
Cities: Town of Apple Valley; City of El Cerrito; City of La Canada Flintridge; City of La Verne; City of Lakewood; City of Moorpark; City of Placentia; City of Sacramento
Referred to: Revenue and Taxation Policy Committee

WHEREAS, the 2018 U.S. Supreme Court decision in *Wayfair v. South Dakota* clarified that states could charge and collect tax on purchases even if the seller does not have a physical presence in the state; and

WHEREAS, California cities and counties collect 1% in Bradley Burns sales and use tax from the purchase of tangible personal property and rely on this revenue to provide critical public services such as police and fire protection; and

WHEREAS, in terms of "siting" the place of sale and determining which jurisdiction receives the 1% Bradley Burns local taxes for online sales, the California Department of Tax and Fee Administration (CDTFA) determines "out-of-state" online retailers as those with no presence in California that ship property from outside the state and are therefore subject to use tax, not sales tax, which is collected in a countywide pool of the jurisdiction where the property is shipped from; and

WHEREAS, for online retailers that have a presence in California and have a stock of goods in the state from which it fulfills orders, CDTFA considers the place of sale ("situs") as the location from which the goods were shipped such as a fulfillment center; and

WHEREAS, in early 2021, one of the state's largest online retailers shifted its ownership structure so that it is now considered both an in-state and out-of-state retailer, resulting in the sales tax this retailer generates from in-state sales now being entirely allocated to the specific city where the warehouse fulfillment center is located as opposed to going into a countywide pool that is shared with all jurisdictions in that County, as was done previously; and

WHEREAS, this all-or-nothing change for the allocation of in-state sales tax has created winners and losers amongst cities as the online sales tax revenue from the retailer that was once spread amongst all cities in countywide pools is now concentrated in select cities that host a fulfillment center; and

WHEREAS, this has created a tremendous inequity amongst cities, in particular for cities that are built out, do not have space for siting a 1 million square foot fulfillment center, are not located along a major travel corridor, or otherwise not ideally suited to host a fulfillment center; and

WHEREAS, this inequity affects cities statewide, but in particular those with specific circumstances such as no/low property tax cities that are extremely reliant on sales tax revenue as well as cities struggling to meet their RHNA obligations that are being compelled by the State to rezone precious commercial parcels to residential; and

WHEREAS, the inequity produced by allocating in-state online sales tax revenue exclusively to cities with fulfillment centers is exasperated even more by, in addition to already reducing the amount of revenue going into the countywide pools, the cities with fulfillment centers are also receiving a larger share of the dwindling countywide pool as it is allocated based on cities' proportional share of sales tax collected; and

WHEREAS, while it is important to acknowledge that those cities that have fulfillment centers experience impacts from these activities and deserve equitable supplementary compensation, it should also be recognized that the neighboring cities whose residents are ordering product from that center now receive no revenue from the center's sales activity despite also experiencing the impacts created by the center, such as increased traffic and air pollution; and

WHEREAS, the COVID-19 pandemic greatly accelerated the public's shift towards online purchases, a trend that is unlikely to be reversed to pre-pandemic levels; and

NOW, THEREFORE, BE IT RESOLVED that Cal Cities calls on the State Legislature to pass legislation that provides for a fair and equitable distribution of the Bradley Burns 1% local sales tax from in-state online purchases, based on data where products are shipped to, and that rightfully takes into consideration the impacts that fulfillment centers have on host cities but also provides a fair share to California cities that do not and/or cannot have a fulfillment center within their jurisdiction.

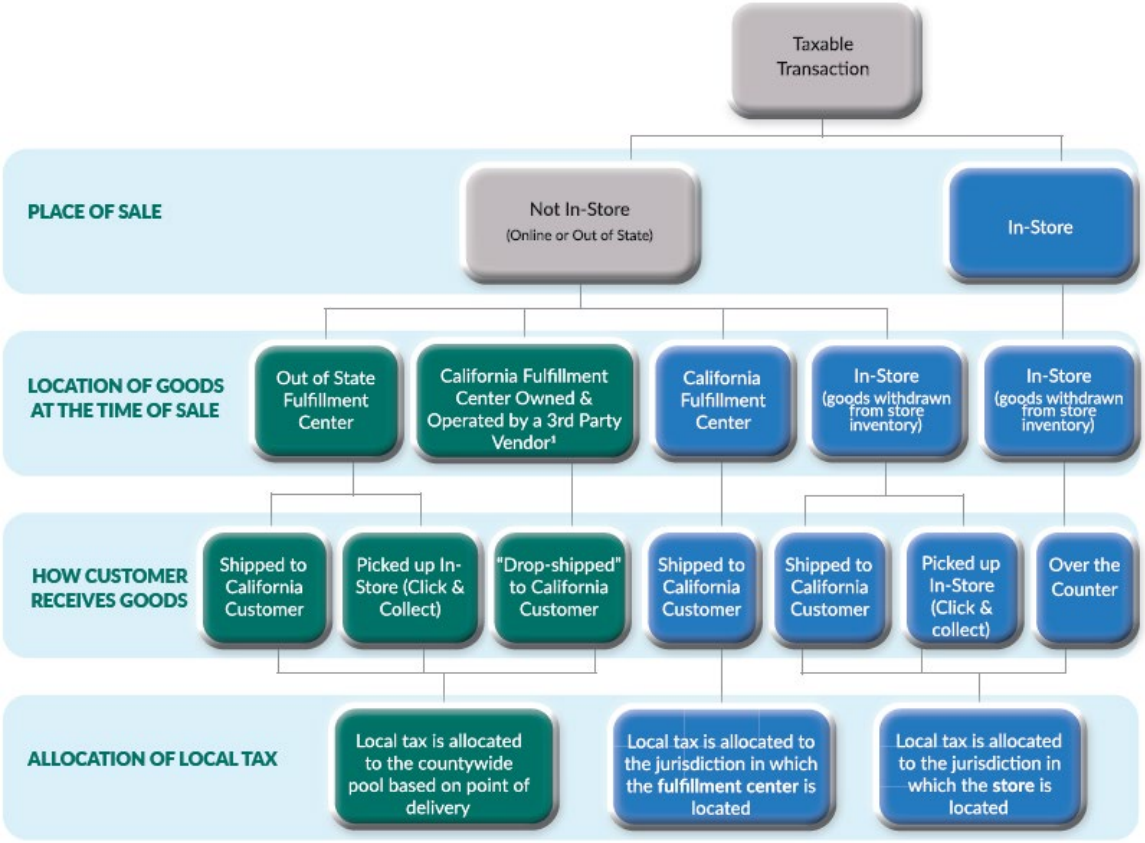
Background Information to Resolution

Source: City of Rancho Cucamonga

Background:
Sales tax is a major revenue source for most California cities. Commonly known as the local 1% Bradley-Burns tax, since the 1950's, cities have traditionally received 1 cent on every dollar of a sale made at the store, restaurant, car dealer, or other location within a jurisdiction's boundaries.

Over the years, however, this simple tax structure has evolved into a much more complex set of laws and allocation rules. Many of these rules relate to whether or not a given transaction is subject to sales tax, or to use tax – both have the same 1% value, but each applies in separate circumstances. The California Department of Tax and Fee Administration (CDTFA) is responsible for administering this system and issuing rules regarding how it is applied in our state.

The following chart created by HdL Companies, the leading provider of California sales tax consulting, illustrates the complex structure of how sales and use tax allocation is done in California, depending on where the transaction starts, where the goods are located, and how the customer receives the goods:



¹ *In this scenario the retailer does not own a stock of goods in California and sales orders are negotiated/processed out of state. An out of state company is not required to hold a seller's permit for an in-state third party warehouse if they do not own a stock of goods at the time of sale.*

With the exponential growth of online sales and the corresponding lack of growth, and even decline, of shopping at brick and mortar locations, cities are seeing much of their sales tax

growth coming from the countywide sales tax pools, since much of the sales tax is now funneled to the pools.

Recently, one of the world's largest online retailers changed the legal ownership of its fulfillment centers. Instead of having its fulfillment centers owned and operated by a third-party vendor, they are now directly owned by the company. This subtle change has major impacts to how the 1% local tax is allocated. Following the chart above, previously much of the sales tax would have followed the green boxes on the chart and been allocated to the countywide pool based on point of delivery. Now, much of the tax is following the blue path through the chart and is allocated to the jurisdiction in which the fulfillment center is located. (It should be noted that some of the tax is still flowing to the pools, in those situations where the fulfillment center is shipping goods for another seller that is out of state.)

This change has created a situation where most cities in California – more than 90%, in fact – are experiencing a sales tax revenue loss that began in the fourth quarter of calendar year 2021. Many cities may not be aware of this impact, as the fluctuations in sales tax following the pandemic shutdowns have masked the issue. But this change will have long-term impacts on revenues for all California cities as all these revenues benefiting all cities have shifted to just a handful of cities and counties that are home to this retailer's fulfillment centers.

This has brought to light again the need to address the issues in how sales and use taxes are distributed in the 21st century. Many, if not most cities will never have the opportunity have a warehouse fulfillment center due to lack of space or not being situated along a major travel corridor. These policies especially favor retailers who may leverage current policy in order to negotiate favorable sales tax sharing agreements, providing more money back to the retailer at the expense of funding critical public services.

With that stated, it is important to note the many impacts to the jurisdictions home to the fulfillment centers. These centers do support the ecommerce most of us as individuals have come to rely on, including heavy wear and tear on streets – one truck is equal to about 8,000 cars when it comes to impact on pavement – and increased air pollution due to the truck traffic and idling diesel engines dropping off large loads. However, it is equally important that State policies acknowledge that entities without fulfillment centers also experience impacts from ecommerce and increased deliveries. Cities whose residents are ordering products that are delivered to their doorstep also experience impacts from traffic, air quality and compromised safety, as well as the negative impact on brick-and-mortar businesses struggling to compete with the sharp increase in online shopping. These cities are rightfully entitled to compensation in an equitable share of sales and use tax. We do not believe that online sales tax distribution between fulfillment center cities and other cities should be an all or nothing endeavor, and not necessarily a fifty-fifty split, either. But we need to find an equitable split that balances the impacts to each jurisdiction involved in the distribution of products purchased online.

Over the years, Cal Cities has had numerous discussions about the issues surrounding sales tax in the modern era, and how state law and policy should be revisited to address these issues. It is a heavy lift, as all of our cities are impacted a bit differently, making consensus difficult. We believe that by once again starting the conversation and moving toward the development of laws and policies that can result in seeing all cities benefit from the growth taxes generated through online sales, our state will be stronger.

It is for these reasons, that we should all aspire to develop an equitable sales tax distribution for online sales.

League of California Cities Staff Analysis on Resolution No. 1

Staff: Nicholas Romo, Legislative Affairs, Lobbyist

Committee: Revenue and Taxation

Summary:
This Resolution calls on the League of California Cities (Cal Cities) to request the Legislature to pass legislation that provides for a fair and equitable distribution of the Bradley Burns 1% local sales tax from in-state online purchases, based on data where products are shipped to, and that rightfully takes into consideration the impacts that fulfillment centers have on host cities but also provides a fair share to California cities that do not and/or cannot have a fulfillment center within their jurisdiction.

Background:
The City of Rancho Cucamonga is sponsoring this resolution to *"address the issues in how sales and use taxes are distributed in the 21st century."*

The City notes that *"sales tax is a major revenue source for most California cities. Commonly known as the local 1% Bradley-Burns tax, since the 1950's, cities have traditionally received 1 cent on every dollar of a sale made at the store, restaurant, car dealer, or other location within a jurisdiction's boundaries. Over the years, however, this simple tax structure has evolved into a much more complex set of laws and allocation rules. Many of these rules relate to whether or not a given transaction is subject to sales tax, or to use tax – both have the same 1% value, but each applies in separate circumstances.*

Recently, one of the world's largest online retailers changed the legal ownership of its fulfillment centers. Instead of having its fulfillment centers owned and operated by a third-party vendor, they are now directly owned by the company. This subtle change has major impacts to how the 1% local tax is allocated.

This change has created a situation where most cities in California – more than 90%, in fact – are experiencing a sales tax revenue loss that began in the fourth quarter of calendar year 2021. Many cities may not be aware of this impact, as the fluctuations in sales tax following the pandemic shutdowns have masked the issue. But this change will have long-term impacts on revenues for all California cities as all these revenues benefiting all cities have shifted to just a handful of cities and counties that are home to this retailer's fulfillment centers."

The City's resolution calls for action on an unspecified solution that *"rightfully takes into consideration the impacts that fulfillment centers have on host cities but also provides a fair share to California cities that do not and/or cannot have a fulfillment center within their jurisdiction,"* which aims to acknowledge the actions taken by cities to alleviate poverty, catalyze economic development, and improve financial stability within their communities through existing tax sharing and zoning powers.

Ultimately, sponsoring cities believe *"that by once again starting the conversation and moving toward the development of laws and policies that can result in seeing all cities benefit from the growth taxes generated through online sales, our state will be stronger."*

Sales and Use Tax in California

The Bradley-Burns Uniform Sales Tax Act allows all local agencies to apply its own sales and use tax on the same base of tangible personal property (taxable goods). This tax rate currently is fixed at 1.25% of the sales price of taxable goods sold at retail locations in a local jurisdiction, or purchased outside the jurisdiction for use within the jurisdiction. Cities and counties use this 1% of the tax to support general operations, while the remaining 0.25% is used for county transportation purposes.

In California, all cities and counties impose Bradley-Burns sales taxes. California imposes the sales tax on every retailer engaged in business in this state that sells taxable goods. The law requires businesses to collect the appropriate tax from the purchaser and remit the amount to the California Department of Tax and Fee Administration (CDTFA). Sales tax applies whenever a retail sale is made, which is basically any sale other than one for resale in the regular course of business. Unless the person pays the sales tax to the retailer, they are liable for the use tax, which is imposed on any person consuming taxable goods in the state. The use tax rate is the same rate as the sales tax rate.

Generally, CDTFA distributes Bradley-Burns tax revenue based on where a sale took place, known as *a situs-based system*. A retailer's physical place of business—such as a retail store or restaurant—is generally the place of sale. "Sourcing" is the term used by tax practitioners to describe the rules used to determine the place of sale, and therefore, which tax rates are applied to a given purchase and which jurisdictions are entitled to the local and district taxes generated from a particular transaction.

California is primarily an origin-based sourcing state – meaning tax revenues go to the jurisdiction in which a transaction physically occurs if that can be determined. However, California also uses a form of destination sourcing for the local use tax and for district taxes (also known as "transactions and use taxes" or "add-on sale and use taxes"). That is, for cities with local add-on taxes, they receive their add-on rate amount from remote and online transactions.

Generally, allocations are based on the following rules:

- The sale is sourced to the place of business of the seller - whether the product is received by the purchaser at the seller's business location or not.
- If the retailer maintains inventory in California and has no other in state location, the source is the jurisdiction where the warehouse is situated. *This resolution is concerned with the growing amount of online retail activity being sourced to cities with warehouse/fulfillment center locations.*
- If the business' sales office is located in California but the merchandise is shipped from out of state, the tax from transactions under $500,000 is allocated

via the county pools. The tax from transactions over $500,000 is allocated to the jurisdiction where the merchandise is delivered.

- When a sale cannot be identified with a permanent place of business in the state, the sale is sourced to the allocation pool of the county where the merchandise was delivered and then distributed among all jurisdictions in that county in proportion to ratio of sales. *For many large online retailers, this has been the traditional path.*

Online Sales and Countywide Pools

While the growth of e-commerce has been occurring for more than two decades, led by some of the largest and most popular retailers in the world, the dramatic increase in online shopping during the COVID-19 pandemic has provided significant revenue to California cities as well as a clearer picture on which governments enjoy even greater benefits.

In the backdrop of booming internet sales has been the steady decline of brick-and-mortar retail and shopping malls. For cities with heavy reliance on in-person retail shopping, the value of the current allocation system has been diminished as their residents prefer to shop online or are incentivized to do so by retailers (during the COVID-19 pandemic, consumers have had no other option but to shop online for certain goods). All the while, the demands and costs of city services continue to grow for cities across the state.

As noted above, the allocation of sales tax revenue to local governments depends on the location of the transaction (or where the location is ultimately determined). For in-person retail, the sales tax goes to the city in which the product and store are located - a customer purchasing at a register. For online sales, the Bradley Burns sales tax generally goes to a location other than the one where the customer lives – either to the city or county where an in-state warehouse or fulfillment center is located, the location of in-state sales office (ex. headquarters) or shared as use tax proceeds amongst all local governments within a county based on their proportionate share of taxable sales.

Under current CDTFA regulations, a substantial portion of local use tax collections are allocated through a countywide pool to the local jurisdictions in the county where the property is put to its first functional use. The state and county pools constitute over 15% of local sales and use tax revenues. Under the pool system, the tax is reported by the taxpayer to the countywide pool of use and then distributed to each jurisdiction in that county on a pro-rata share of taxable sales. If the county of use cannot be identified, the revenues are distributed to the state pool for pro-rata distribution on a statewide basis.

Concentration of Online Sales Tax Revenue and Modernization

Sales tax modernization has been a policy goal of federal, state, and local government leaders for decades to meet the rapidly changing landscape of commercial activity and ensure that all communities can sustainably provide critical services.

For as long as remote and internet shopping has existed, policy makers have been concerned about their potential to disrupt sales and use tax allocation procedures that underpin the funding of local government services. The system was designed in the early twentieth century to ensure that customers were paying sales taxes to support local government services within the community where the transactions occurred whether they resided there or not. This structure provides benefit to and recoupment for the public resources necessary to ensure the health and safety of the community broadly.

City leaders have for as long been concerned about the loosening of the nexus between what their residents purchase and the revenues they receive. Growing online shopping, under existing sourcing rules, has led to a growing concentration of sales tax revenue being distributed to a smaller number of cities and counties. As more medium and large online retailers take title to fulfillment centers or determine specific sales locations in California as a result of tax sharing agreements in specific cities, online sales tax revenue will be ever more concentrated in a few cities at the control of these companies. Furthermore, local governments are already experiencing the declining power of the sales tax to support services as more money is being spent on non-taxable goods and services.

For more on sales and use tax sourcing please see Attachment A.

State Auditor Recommendations

In 2017, the California State Auditor issued a report titled, "The Bradley-Burns Tax and Local Transportation Funds, noting that:

"Retailers generally allocate Bradley Burns tax revenue based on the place of sale, which they identify according to their business structure. However, retailers that make sales over the Internet may allocate sales to various locations, including their warehouses, distribution center, or sales offices. This approach tends to concentrate Bradley Burns tax revenue into the warehouses' or sales offices' respective jurisdictions. Consequently, counties with a relatively large amount of industrial space may receive disproportionately larger amounts of Bradley Burns tax, and therefore Local Transportation Fund, revenue.

The State could make its distribution of Bradley Burns tax revenue derived from online sales more equitable if it based allocations of the tax on the destinations to which goods are shipped rather than on place of sale."

The Auditor's report makes the following recommendation:

"To ensure that Bradley-Burns tax revenue is more evenly distributed, the Legislature should amend the Bradley-Burns tax law to allocate revenues from Internet sales based on the destination of sold goods rather than their place of sale."

In acknowledgement of the growing attention from outside groups on this issue, Cal Cities has been engaged in its own study and convening of city officials to ensure pursued solutions account for the circumstances of all cities and local control is best protected. These efforts are explored in subsequent sections.

Cal Cities Revenue and Taxation Committee and City Manager Working Group
In 2015 and 2016, Cal Cities' Revenue and Taxation Policy Committee held extensive discussions on potential modernization of tax policy affecting cities, with a special emphasis on the sales tax. The issues had been identified by Cal Cities leadership as a strategic priority given concerns in the membership about the eroding sales tax base and the desire for Cal Cities to take a leadership role in addressing the associated issues. The policy committee ultimately adopted a series of policies that were approved by the Cal Cities board of directors. Among its changes were a recommended change to existing sales tax sourcing (determining where a sale occurs) rules, so that the point of sale (situs) is where the customer receives the product. The policy also clarifies that specific proposals in this area should be carefully reviewed so that the impacts of any changes are fully understood. See "Existing Cal Cities Policy" section below.

Cal Cities City Manager Sales Tax Working Group Recommendations
In the Fall of 2017, the Cal Cities City Managers Department convened a working group (Group) of city managers representing a diverse array of cities to review and consider options for addressing issues affecting the local sales tax.

The working group of city managers helped Cal Cities identify internal common ground on rapidly evolving e-commerce trends and their effects on the allocation of local sales and use tax revenue. After meeting extensively throughout 2018, the Group made several recommendations that were endorsed unanimously by Cal Cities' Revenue and Taxation Committee at its January, 2019 meeting and by the board of directors at its subsequent meeting.

The Group recommended the following actions in response to the evolving issues associated with e-commerce and sales and use tax:

Further Limiting Rebate Agreements: The consensus of the Group was that:

- Sales tax rebate agreements involving online retailers should be prohibited *going forward*. They are inappropriate because they have the effect of encouraging revenue to be shifted away from numerous communities and concentrated to the benefit of one.
- Any type of agreement that seeks to lure a retailer from one community to another within a market area should also be prohibited *going forward*. Existing law already prohibits such agreements for auto dealers and big box stores.

Shift Use Tax from Online Sales, including from the South Dakota v. Wayfair Decision Out of County Pools: The Group's recommendation is based first on the principle of "situs" and that revenue should be allocated to the jurisdiction where the use occurs. Each city and county in California imposed a Bradley Burns sales and use tax rate

under state law in the 1950s. The use tax on a transaction is the rate imposed where the purchaser resides (the destination). These use tax dollars, including new revenue from the South Dakota v. Wayfair decision, should be allocated to the destination jurisdiction whose Bradley Burns tax applies and not throughout the entire county.

- Shift of these revenues, from purchases from out of state retailers including transactions captured by the South Dakota v. Wayfair decision, out of county pools to full destination allocation on and after January 1, 2020.
- Allow more direct reporting of use taxes related to construction projects to jurisdiction where the construction activity is located by reducing existing regulatory threshold from $5 million to $100,000.

Request/Require CDTFA Analysis on Impacts of Sales Tax Destination Shifts: After discussion of numerous phase-in options for destination sourcing and allocation for sales taxes, the Group ultimately decided that a more complete analysis was needed to sufficiently determine impacts. Since the two companies most cities rely on for sales tax analysis, HdL and MuniServices, were constrained to modeling with transaction and use tax (district tax) data, concerns centered on the problem of making decisions without adequate information. Since the CDTFA administers the allocation of local sales and use taxes, it is in the best position to produce an analysis that examines:

- The impacts on individual agencies of a change in sourcing rules. This would likely be accomplished by developing a model to examine 100% destination sourcing with a report to the Legislature in early 2020.
- The model should also attempt to distinguish between business-to-consumer transactions versus business-to-business transactions.
- The model should analyze the current number and financial effects of city and county sales tax rebate agreements with online retailers and how destination sourcing might affect revenues under these agreements.

Conditions for considering a Constitutional Amendment that moves toward destination allocation: Absent better data on the impacts on individual agencies associated with a shift to destination allocation of sales taxes from CDTFA, the Group declined to prescribe if/how a transition to destination would be accomplished; the sentiment was that the issue was better revisited once better data was available. In anticipation that the data would reveal significant negative impacts on some agencies, the Group desired that any such shift should be accompanied by legislation broadening of the base of sales taxes, including as supported by existing Cal Cities policy including:

- Broadening the tax base on goods, which includes reviewing existing exemptions on certain goods and expanding to digital forms of goods that are otherwise taxed; and
- Expanding the sales tax base to services, such as those commonly taxed in other states.

This Resolution builds upon previous work that accounts for the impacts that distribution networks have on host cities and further calls on the organization to advocate for changes to sales tax distribution rules.

The Resolution places further demands on data collected by CDTFA to establish a "fair and equitable distribution of the Bradley Burns 1% local sales tax from in-state online purchases." Such data is proposed to be collected by SB 792 (Glazer, 2021). More discussion on this topic can be found in the "Staff Comments" section.

Staff Comments:

Proposed Resolution Affixes Equity Based, Data Driven Approach to Existing Cal Cities Policy on Sales Tax Sourcing

The actions resulting from this resolution, if approved, would align with existing policy and efforts to-date to modernize sales tax rules. While not formalized in existing Cal Cities policy or recommendations, city managers and tax practitioners generally have favored proposals that establish a sharing of online sales tax revenues rather than a full destination shift. City leaders and practitioners across the state have acknowledged during Cal Cities Revenue and Taxation and City Manager's working group meetings that the hosting of fulfillment centers and ancillary infrastructure pose major burdens on local communities including detrimental health and safety impacts. This acknowledgement has moved mainstream proposals such as this one away from full revenue shifts towards an equity-based, data driven approach that favors revenue sharing. This Resolution would concretely affix this approach as Cal Cities policy.

More Data is Needed to Achieve Equity Based Approach

A major challenge is the lack of adequate data to model the results of shifting in-state online sale tax revenues. Local government tax consultants and state departments have limited data to model the effects of changes to sales tax distribution because their information is derived only from cities that have a local transactions and use tax (TUT). Tax experts are able to model proposed tax shifts using TUTs since they are allocated on a destination basis (where a purchaser receives the product; usually a home or business). However, more than half of all cities, including some larger cities, do not have a local TUT therefore modeling is constrained and incomplete.

Efforts to collect relevant sales tax information on the destination of products purchased online are ongoing. The most recent effort is encapsulated in SB 792 (Glazer, 2021), which would require retailers with online sales exceeding $50 million a year to report to CDTFA the gross receipts from online sales that resulted in a product being shipped or delivered in each city. The availability of this data would allow for a much more complete understanding of online consumer behavior and the impacts of future proposed changes to distribution. SB 792 (Glazer) is supported by Cal Cities following approval by the Revenue and Taxation Committee and board of directors.

Impact of Goods Movement Must Be Considered

As noted above, city leaders and practitioners across the state acknowledge that the hosting of fulfillment centers and goods movement infrastructure pose major burdens on local communities including detrimental health, safety, and infrastructure impacts. Not least of which is the issue of air pollution from diesel exhaust. According to California Environmental Protection Agency (Cal EPA):

"Children and those with existing respiratory disease, particularly asthma, appear to be especially susceptible to the harmful effects of exposure to airborne PM from diesel exhaust, resulting in increased asthma symptoms and attacks along with decreases in lung function (McCreanor et al., 2007; Wargo, 2002). People that live or work near heavily-traveled roadways, ports, railyards, bus yards, or trucking distribution centers may experience a high level of exposure (US EPA, 2002; Krivoshto et al., 2008). People that spend a significant amount of time near heavily-traveled roadways may also experience a high level of exposure. Studies of both men and women demonstrate cardiovascular effects of diesel PM exposure, including coronary vasoconstriction and premature death from cardiovascular disease (Krivoshto et al., 2008). A recent study of diesel exhaust inhalation by healthy non-smoking adults found an increase in blood pressure and other potential triggers of heart attack and stroke (Krishnan et al., 2013) Exposure to diesel PM, especially following periods of severe air pollution, can lead to increased hospital visits and admissions due to worsening asthma and emphysema-related symptoms (Krivoshto et al., 2008). Diesel exposure may also lead to reduced lung function in children living in close proximity to roadways (Brunekreef et al., 1997)."

The founded health impacts of the ubiquitous presence of medium and heavy-duty diesel trucks used to transport goods to and from fulfillment centers and warehouses require host cities to meet increased needs of their residents including the building and maintenance of buffer zones, parks, and open space. While pollution impacts may decline with the introduction of zero-emission vehicles, wide scale adoption by large distribution fleets is still in its infancy. Furthermore, the impacts of heavy road use necessitate increased spending on local streets and roads upgrades and maintenance. In addition, many cities have utilized the siting of warehouses, fulfillment centers, and other heavy industrial uses for goods movements as key components of local revenue generation and economic development strategies. These communities have also foregone other land uses in favor of siting sales offices and fulfillment networks.

All said, however, it is important to acknowledge that disadvantaged communities (DACs) whether measured along poverty, health, environmental or education indices exist in cities across the state. For one example, see: California Office of Environmental Health Hazard Assessment (OEHHA) CalEnviroScreen. City officials may consider how cities without fulfillment and warehouse center revenues are to fund efforts to combat social and economic issues, particularly in areas with low property tax and tourism-based revenues.

The Resolution aims to acknowledge these impacts broadly (this analysis does not provide an exhaustive review of related impacts) and requests Cal Cities to account for them in a revised distribution formula of the Bradley Burns 1% local sales tax from in-state online purchases. The Resolution does not prescribe the proportions.

Clarifying Amendments
Upon review of the Resolution, Cal Cities staff recommends technical amendments to provide greater clarity. *To review the proposed changes, please see Attachment B.*

Fiscal Impact:
Significant but unknown. The Resolution on its own does not shift sales tax revenues. In anticipation and mitigation of impacts, the Resolution requests Cal Cities to utilize online sales tax data to identify a fair and equitable distribution formula that accounts for the broad impacts fulfillment centers involved in online retail have on the cities that host them. The Resolution does not prescribe the revenue distribution split nor does it prescribe the impacts, positive and negative, of distribution networks.

Existing Cal Cities Policy:

- Tax proceeds collected from internet sales should be allocated to the location where the product is received by the purchaser.
- Support as Cal Cities policy that point of sale (situs) is where the customer receives the product. Specific proposals in this area should be carefully reviewed so that the impacts of any changes are fully understood.
- Revenue from new regional or state taxes or from increased sales tax rates should be distributed in a way that reduces competition for situs-based revenue. (Revenue from the existing sales tax rate and base, including future growth from increased sales or the opening of new retail centers, should continue to be returned to the point of sale.)
- The existing situs-based sales tax under the Bradley Burns 1% baseline should be preserved and protected.
- Restrictions should be implemented and enforced to prohibit the enactment of agreements designed to circumvent the principle of situs-based sales and redirect or divert sales tax revenues from other communities, when the physical location of the affected businesses does not change. Sales tax rebate agreements involving online retailers are inappropriate because they have the effect of encouraging revenue to be shifted away from numerous communities and concentrated to the benefit of one. Any type of agreement that seeks to lure a retailer from one community to another within a market area should also be prohibited going forward.
- Support Cal Cities working with the state California Department of Tax and Fee Administration (CDTFA) to update the county pool allocation process to ensure that more revenues are allocated to the jurisdiction where the purchase or first use of a product occurs (usually where the product is delivered). Use Tax collections from online sales, including from the South Dakota v Wayfair Decision, should be shifted out of county pools and allocated to the destination jurisdiction whose Bradley Burns tax applies and not throughout the entire county.

Support:
The following letters of concurrence were received:
Town of Apple Valley
City of El Cerrito
City of La Canada Flintridge
City of La Verne
City of Lakewood

City of Moorpark
City of Placentia
City of Sacramento

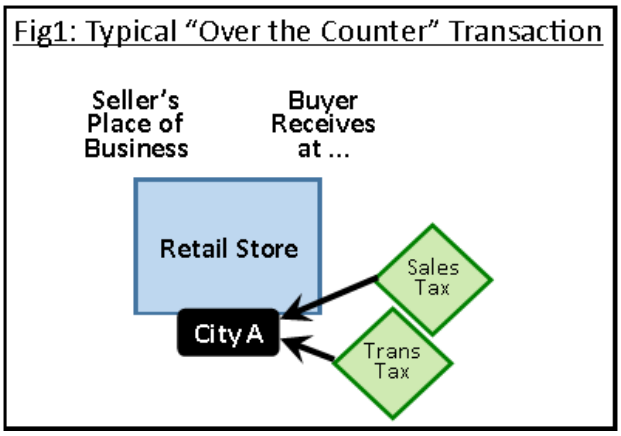


Fig1: Typical "Over the Counter" Transaction
Seller's Place of Business
Buyer Receives at ...
Retail Store
City A
Sales Tax
Trans Tax

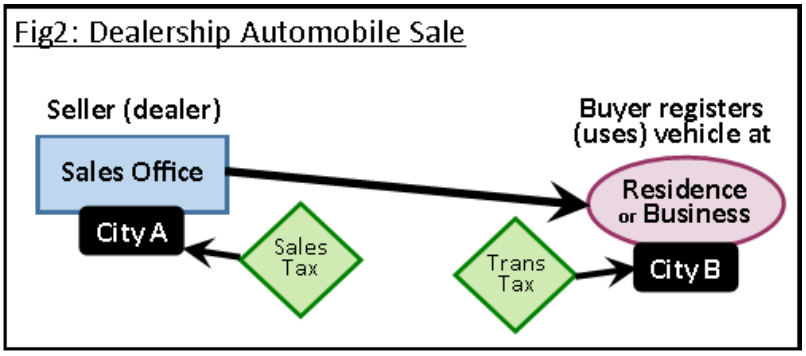


Fig2: Dealership Automobile Sale
Seller (dealer)
Sales Office
City A
Sales Tax
Buyer registers (uses) vehicle at
Residence or Business
Trans Tax
City B

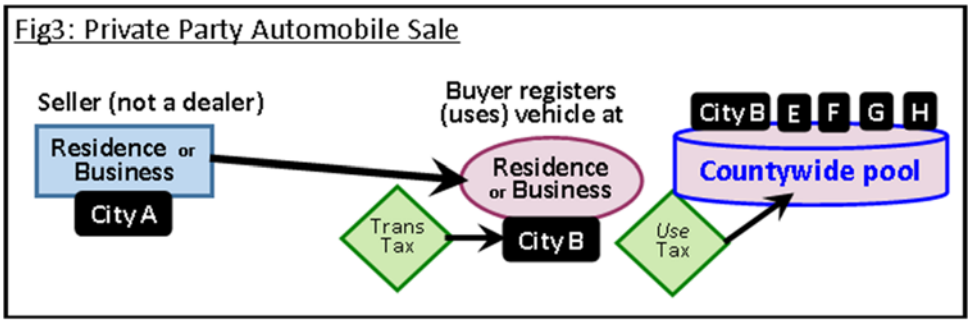


Fig3: Private Party Automobile Sale
Seller (not a dealer)
Residence or Business
City A
Trans Tax
Buyer registers (uses) vehicle at
Residence or Business
City B
Use Tax
City B E F G H
Countywide pool

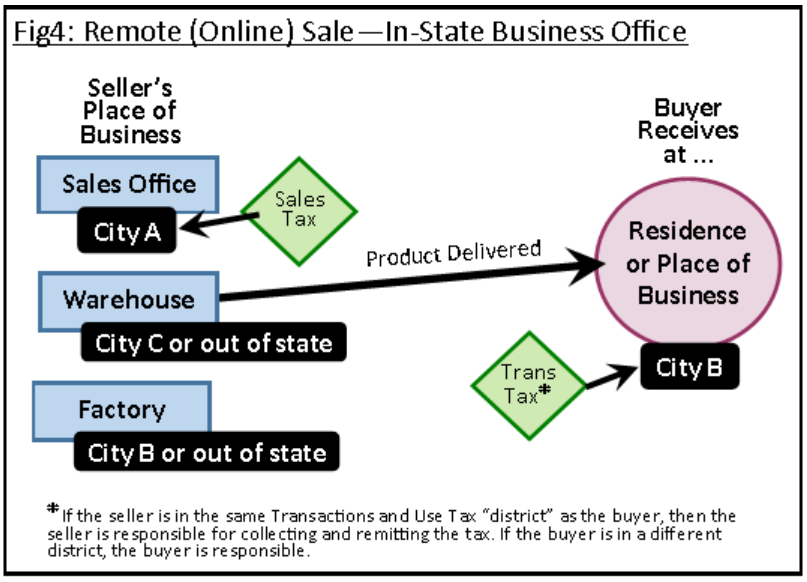


Fig4: Remote (Online) Sale—In-State Business Office
Seller's Place of Business
Sales Office
City A
Sales Tax
Warehouse
City C or out of state
Factory
City B or out of state
Product Delivered
Buyer Receives at ...
Residence or Place of Business
Trans Tax*
City B
*If the seller is in the same Transactions and Use Tax "district" as the buyer, then the seller is responsible for collecting and remitting the tax. If the buyer is in a different district, the buyer is responsible.

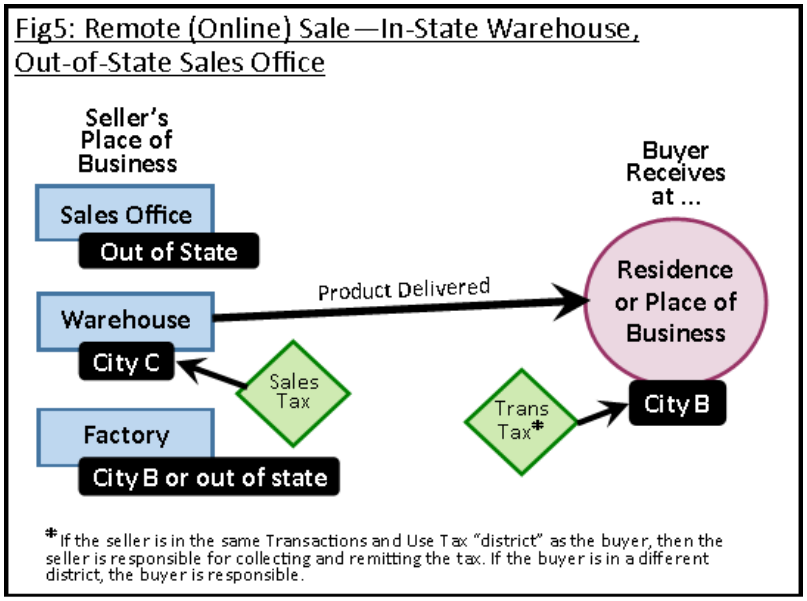
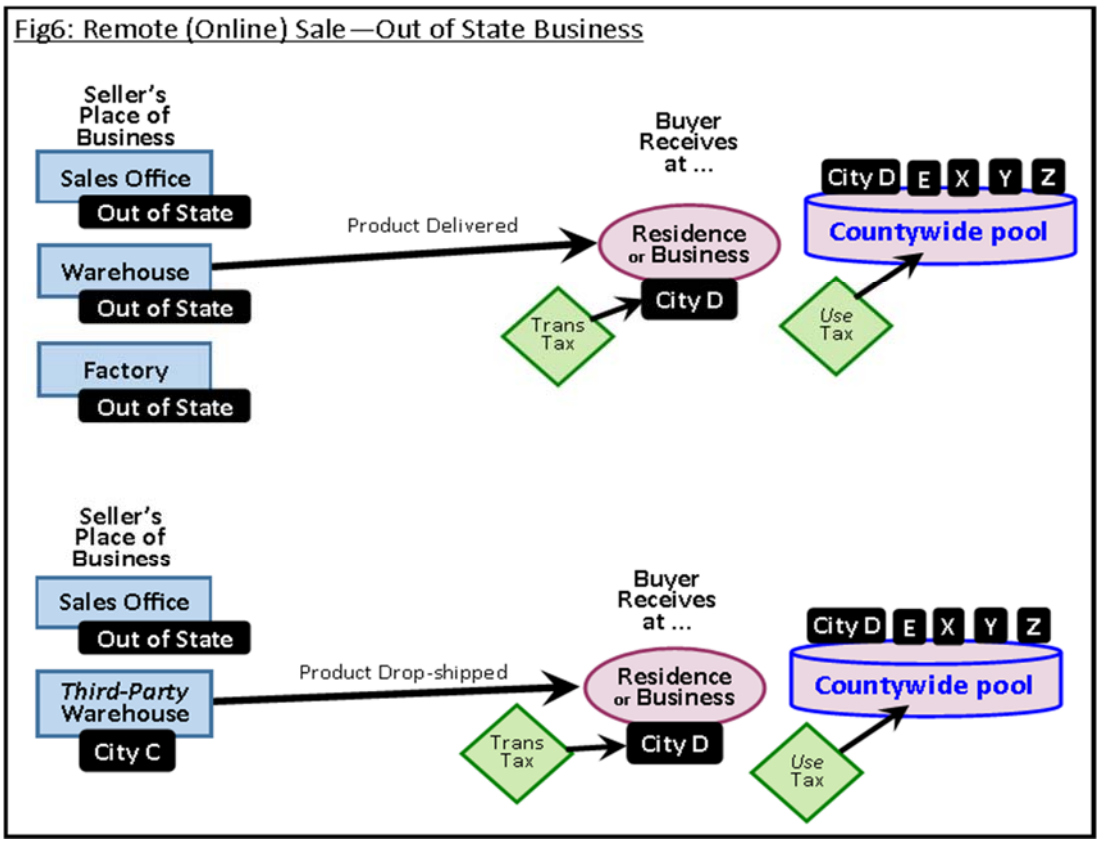


Fig5: Remote (Online) Sale—In-State Warehouse, Out-of-State Sales Office
Seller's Place of Business
Sales Office
Out of State
Warehouse
City C
Sales Tax
Factory
City B or out of state
Product Delivered
Buyer Receives at ...
Residence or Place of Business
Trans Tax*
City B
*If the seller is in the same Transactions and Use Tax "district" as the buyer, then the seller is responsible for collecting and remitting the tax. If the buyer is in a different district, the buyer is responsible.



GUIDELINES FOR ALLOCATION OF LOCAL TAX - ONLINE AND IN-STORE			
Place of Sale	**Location of Goods at the Time of Sale**	**How Customer Receives Goods**	**Allocation of Tax**
Online – Order is placed or downloaded outside California	California Fulfillment Center	Shipped to California Customer	Local tax is allocated to the jurisdiction in which the fulfillment center is located
Online – Order is placed or downloaded in California	California Fulfillment Center	Shipped to California Customer	Per CDTFA Regulation 1802, local tax is allocated to the jurisdiction where the order is placed
Online	Out of State Fulfilment Center	Shipped to California Customer	Local tax is allocated to the countywide pool based on point of delivery
Online	Out of State Fulfilment Center	Picked Up In-Store (Click & Collect)	Local tax is allocated to the countywide pool based on point of delivery
Online	California Fulfillment Center Owned and Operated by Third Party Vendor	Drop-Shipped to California Customer	Local tax is allocated to the countywide pool based on point of delivery
Online	In-Store (Goods withdrawn from store inventory)	Shipped to California Customer	Local Tax is allocated to the jurisdiction where the store is located
Online	In-Store (Goods withdrawn from store inventory)	Picked Up In-Store (Click & Collect)	Local Tax is allocated to the jurisdiction where the store is located
In-Store	In-Store (Goods withdrawn from store inventory)	Over the Counter	Local Tax is allocated to the jurisdiction where the store is located

Courtesy of HdL Companies

Tax Incentive Programs, Sales Tax Sharing Agreements

In recent years, especially since Proposition 13 in 1978, local discretionary (general purpose revenues) have become more scarce. At the same time, options and procedures for increasing revenues have become more limited. One outcome of this in many areas has been a greater competition for sales and use tax revenues. This has brought a rise in arrangements to encourage certain land use development with rebates and incentives which exploit California's odd origin sales tax sourcing rules.

The typical arrangement is a sales tax sharing agreement in which a city provides tax rebates to a company that agrees to expand their operations in the jurisdiction of the city. Under such an arrangement, the company generally agrees to make a specified amount of capital investment and create a specific number of jobs over a period of years in exchange for specified tax breaks, often property tax abatement or some sort of tax credit. In some cases, this has simply taken the form of a sales office, while customers and warehouses and the related economic activity are disbursed elsewhere in the state. In some cases the development takes the form of warehouses, in which the sales inventory, owned by the company, is housed.[6]

Current sales tax incentive agreements in California rebate amounts ranging from 50% to 85% of sales tax revenues back to the corporations.

Today, experts familiar with the industry believe that between 20% to 30% of local Bradley-Burns sales taxes paid by California consumers is diverted from local general funds back to corporations; over $1 billion per year.

The Source of Origin Based Sourcing Problems

Where other than over-the-counter sales are concerned origin sourcing often causes a concentration of large amounts of tax revenue in one location, despite the fact that the economic activity and service impacts are also occurring in other locations.

The large amounts of revenue concentrated in a few locations by California's "warehouse rule" origin sourcing causes a concentration of revenue far in excess of the service costs associated with the development.

In order to lure jobs and tax revenues to their communities, some cities have entered into rebate agreements with corporations. This has grown to such a problem, that 20% to 30% of total local taxes paid statewide are being rebated back to corporations rather than funding public services.

Moving to Destination Sourcing: The Concept[7]

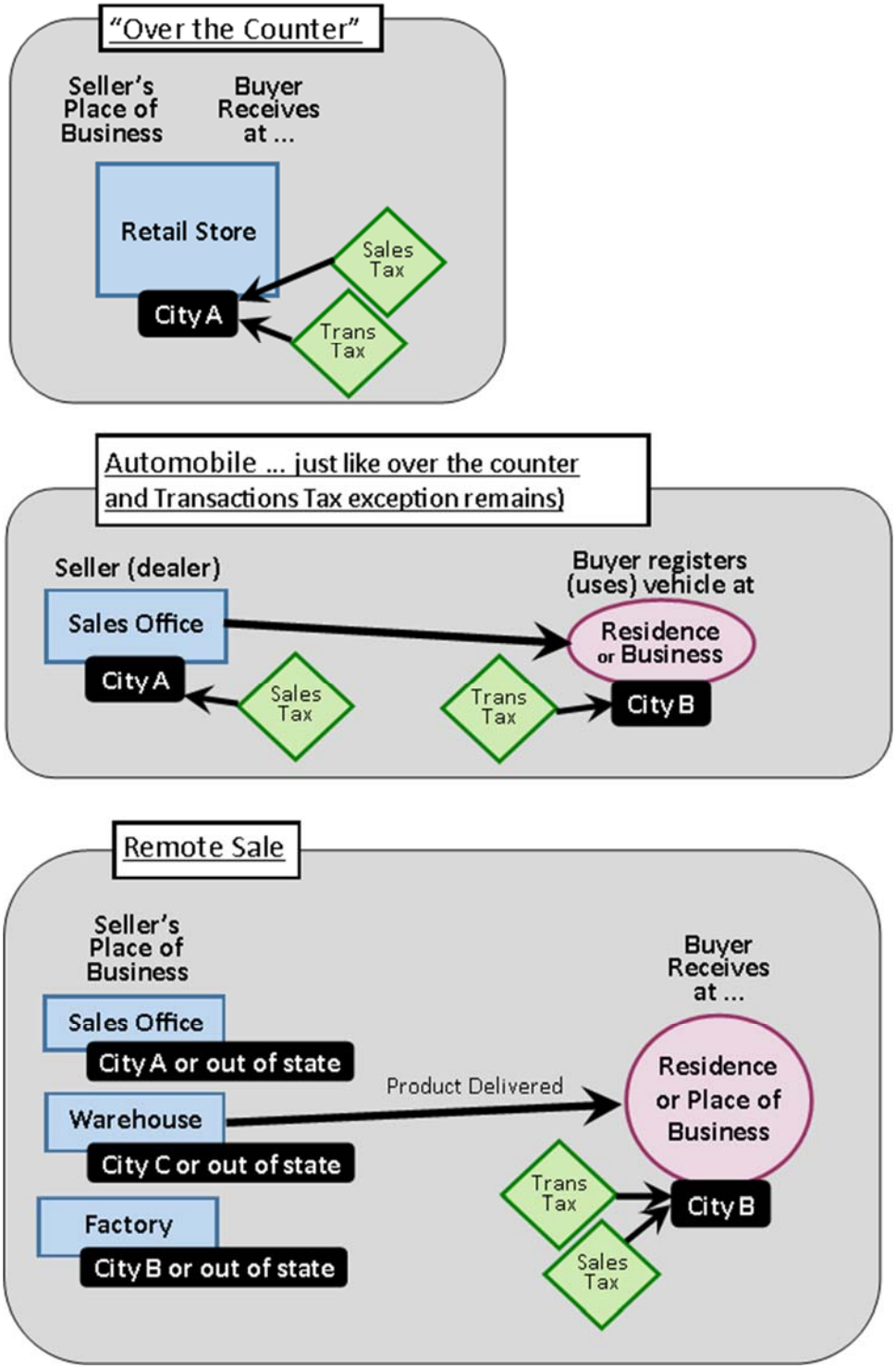
A change from origin sourcing rules to destination sourcing rules for the local tax component of California's sales tax would improve overall revenue collections and distribute these revenues more equitably among all of the areas involved in these transactions.

A change from origin based sourcing to destination based sourcing would have no effect on state tax collections. However, it would alter the allocations of local sales and use tax revenues among local agencies. Most retail transactions including dining, motor fuel purchases, and in-store purchases would not be affected. But in cases where the property is received by the purchaser in a different jurisdiction than where the sales agreement was negotiated, there would be a different allocation than under the current rules.

[6] See Jennifer Carr, "Origin Sourcing and Tax Incentive Programs: An Unholy Alliance" Sales Tax Notes; May 27, 2013.

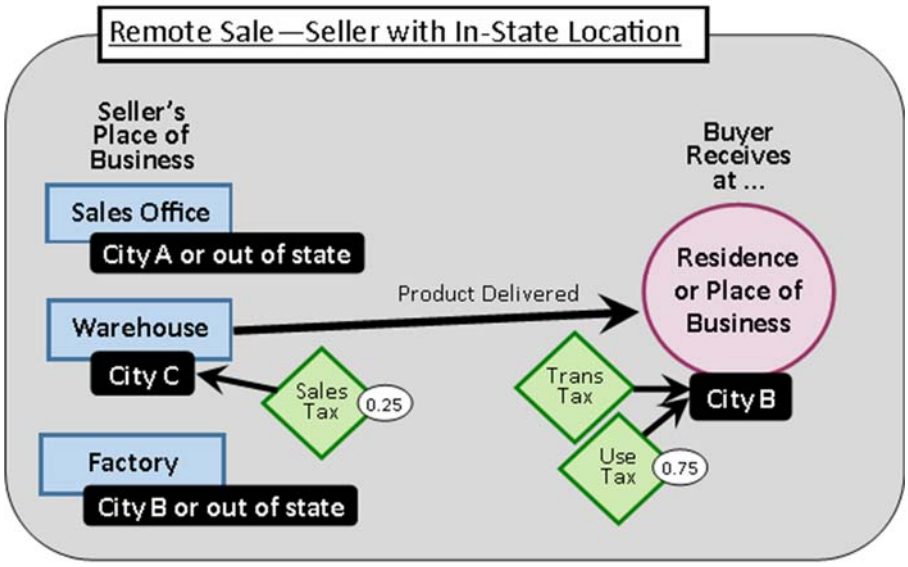
[7] The same issues that are of concern regarding the local sales tax do not apply to California's Transactions and Use Taxes ("Add-on sales taxes") as these transactions, when not over the counter, are generally allocated to the location of use or, as in the case of vehicles, product registration. There is no need to alter the sourcing rules for transactions and use taxes.

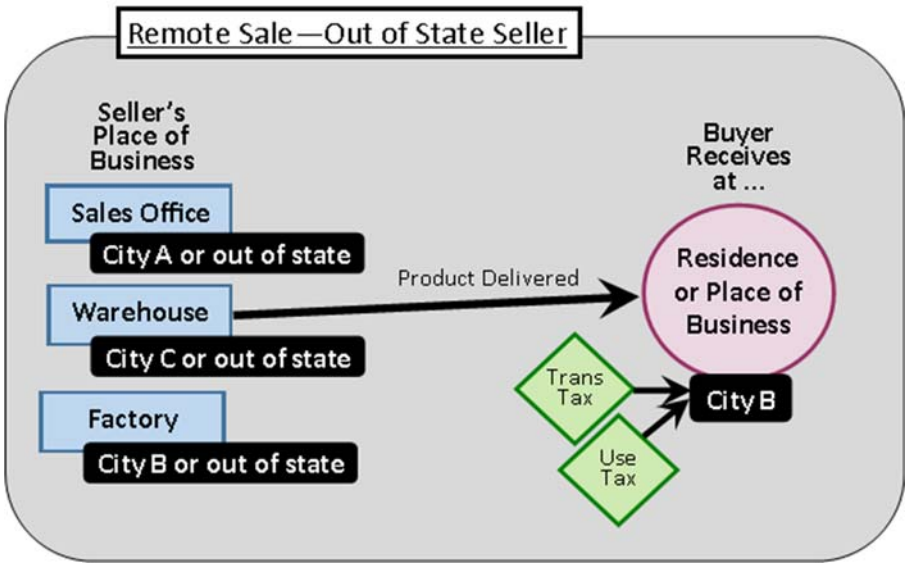
Destination Sourcing Scenario 1: Full-On



Destination Sourcing Scenario 2: Split Source

- Same as now for "over the counter" and automobile.
- Leave 0.25% on current seller if instate (origin)
- Could be phased in.





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RESOLUTION OF THE LEAGUE OF CALIFORNIA CITIES ("CAL CITIES") CALLING ON THE STATE LEGISLATURE TO PASS LEGISLATION THAT PROVIDES FOR A FAIR AND EQUITABLE DISTRIBUTION OF THE BRADLEY BURNS 1% LOCAL SALES TAX FROM IN-STATE ONLINE PURCHASES, BASED ON DATA WHERE PRODUCTS ARE SHIPPED TO, AND THAT RIGHTFULLY TAKES INTO CONSIDERATION THE IMPACTS THAT FULFILLMENT CENTERS HAVE ON HOST CITIES BUT ALSO PROVIDES A FAIR SHARE TO CALIFORNIA CITIES THAT DO NOT AND/OR CANNOT HAVE A FULFILLMENT CENTER WITHIN THEIR JURISDICTION

WHEREAS, the 2018 U.S. Supreme Court decision in *Wayfair v. South Dakota* clarified that states could charge and collect tax on purchases even if the seller does not have a physical presence in the state; and

WHEREAS, California cities and counties collect 1% in Bradley Burns sales and use tax from the purchase of tangible personal property and rely on this revenue to provide critical public services such as police and fire protection; and

WHEREAS, in terms of "siting" the place of sale and determining which jurisdiction receives the 1% Bradley Burns local taxes for online sales, the California Department of Tax and Fee Administration (CDTFA) determines "out-of-state" online retailers as those with no presence in California that ship property from outside the state and are therefore subject to use tax, not sales tax, which is collected in a countywide pool of the jurisdiction where the property is shipped from; and

WHEREAS, for online retailers that have a presence in California and have a stock of goods in the state from which it fulfills orders, CDTFA considers the place of sale ("situs") as the location from which the goods were shipped such as a fulfillment center; and

WHEREAS, in early 2021, one of the state's largest online retailers shifted its ownership structure so that it is now considered both an in-state and out-of-state retailer, resulting in the sales tax this retailer generates from in-state sales now being ~~**entirely**~~ allocated to ~~**the specific city**~~ **cities** where ~~the~~ warehouse fulfillment center**s** ~~**is**~~ **are** located as opposed to going into ~~**a**~~ countywide pool**s** that ~~**is**~~ **are** shared with all jurisdictions in **those counties** ~~**that County**~~, as was done previously; and

WHEREAS, this all-or-nothing ~~change for the~~ allocation of in-state sales tax has created winners and losers amongst cities as the online sales tax revenue ~~**from the retailer**~~ that was once spread amongst all cities in countywide pools is now concentrated in select cities that host ~~**a**~~ fulfillment center**s**; and

WHEREAS, this has created a tremendous inequity amongst cities, in particular for cities that are built out, do not have space for siting ~~**a 1 million square foot**~~ fulfillment center**s**, are not located along a major travel corridor, or otherwise not ideally suited to host a fulfillment center; and

WHEREAS, this inequity affects cities statewide, but in particular those with specific circumstances such as no/low property tax cities that are extremely reliant on sales tax revenue as well as cities struggling to meet their **Regional Housing Needs Allocation (**RHNA**)** obligations that are being compelled by the State to rezone precious commercial parcels to residential; and

WHEREAS, the inequity produced by allocating in-state online sales tax revenue exclusively to cities with fulfillment centers is exasperated even more by, in addition to already reducing the amount of revenue going into the countywide pools, the cities with fulfillment centers are also receiving a larger share of the dwindling countywide pool as it is allocated based on cities' proportional share of sales tax collected; and

WHEREAS, while it is important to acknowledge that those cities that have fulfillment centers experience impacts from these activities and deserve equitable supplementary compensation, it should also be recognized that the neighboring cities whose residents are ordering product**s** from **those** ~~**that**~~ center**s** now receive no **Bradley Burns** revenue ~~**from the center's sales activity**~~ despite also experiencing the impacts created by the**m** ~~center~~, such as increased traffic and air pollution; and

WHEREAS, the COVID-19 pandemic greatly accelerated the public's shift towards online purchases, a trend that is unlikely to be reversed to pre-pandemic levels; and

NOW, THEREFORE, BE IT RESOLVED that Cal Cities calls on the State Legislature to pass legislation that provides for a fair and equitable distribution of the Bradley Burns 1% local sales tax from in-state online purchases, based on data where products are shipped to, and that rightfully takes into consideration the impacts that fulfillment centers have on host cities but also provides a fair share to California cities that do not and/or cannot have a fulfillment center within their jurisdiction.

2. A RESOLUTION CALLING UPON THE GOVERNOR AND THE LEGISLATURE TO PROVIDE NECCESARY FUNDING FOR CUPC TO FUFILL ITS OBLIGATION TO INSPECT RAILROAD LINES TO ENSURE THAT OPERATORS ARE REMOVING ILLEGAL DUMPING, GRAFFITI AND HOMELESS ENCAMPMENTS THAT DEGRADE THE QAULITY OF LIFE AND RESULTS IN INCREASED PUBLIC SAFETLY CONCERNS FOR COMMUNITIES AND NEIGHBORHOODS THAT ABUTT THE RAILROAD RIGHT-OF-WAY.

Source: City of South Gate
Concurrence of five or more cities/city officials:
Cities: City of Bell Gardens; City of Bell; City of Commerce; City of Cudahy; City of El Segundo; City of Glendora; City of Huntington Park; City of La Mirada; City of Long Beach; City of Lynwood; City of Montebello; City of Paramount; City of Pico Rivera
Referred to: Housing, Community and Economic Development; and Transportation, Communications and Public Works

WHEREAS, ensuring the quality of life for communities falls upon every local government including that blight and other health impacting activities are addressed in a timely manner by private property owners within its jurisdictional boundaries for their citizens, businesses and institutions; and

WHEREAS, Railroad Operators own nearly 6,000 miles of rail right-of-way throughout the State of California which is regulated by the Federal Railroad Administration and/or the California Public Utilities Commission for operational safety and maintenance; and

WHEREAS, the California Public Utilities Commission (CPUC) is the enforcing agency for railroad safety in the State of California and has 41 inspectors assigned throughout the entire State to inspect and enforce regulatory compliance over thousands of miles of rail line; and

WHEREAS, areas with rail line right-of-way within cities and unincorporated areas are generally located in economically disadvantaged zones and/or disadvantaged communities of color where the impact of blight further lowers property values and increases the likelihood of unsound sanitary conditions and environmental impacts upon them; and

WHEREAS, many communities are seeing an increase in illegal dumping, graffiti upon infrastructure and homeless encampments due to the lax and inadequate oversight by regulatory agencies; and

WHEREAS, local governments have no oversight or regulatory authority to require operators to better maintain and clean their properties as it would with any other private property owner within its jurisdictional boundaries. Thus such local communities often resort to spending their local tax dollars on cleanup activities or are forced to accept the delayed and untimely response by operators to cleaning up specific sites, and;

WHEREAS, that railroad operators should be able to provide local communities with a fixed schedule in which their property will be inspected and cleaned up on a reasonable and regular schedule or provide for a mechanism where they partner with and reimburse local governments for an agreed upon work program where the local government is enabled to remove items like illegal dumping, graffiti and encampments; and

WHEREAS, the State has made it a priority to deal with homeless individuals and the impacts illegal encampments have upon those communities and has a budgetary surplus that can help fund the CPUC in better dealing with this situation in both a humane manner as well a betterment to rail safety.

RESOLVED, at the League of California Cities, General Assembly, assembled at the League Annual Conference on September 24, 2021, in Sacramento, that the League calls for the Governor and the Legislature to work with the League and other stakeholders to provide adequate regulatory authority and necessary funding to assist cities with these railroad right-of-way areas so as to adequately deal with illegal dumping, graffiti and homeless encampments that proliferate along the rail lines and result in public safety issues. The League will work with its member cities to educate federal and state officials to the quality of life and health impacts this challenge has upon local communities, especially those of color and/or environmental and economic hardships.

Background Information to Resolution

Source: City of South Gate

Background:
The State of California has over 6,000 miles of rail lines, with significant amount running through communities that are either economically disadvantaged and/or disadvantaged communities of color. While the Federal Railroad Administration (FRA) has primary oversight of rail operations, they delegate that obligation to the State of California for lines within our State. The administration of that oversight falls under the California Public Utilities Commission (CPUC). The CPUC has only 41 inspectors covering those 6,000 miles of railroad lines in the State of California. Their primary task is ensuring equipment, bridges and rail lines are operationally safe.

The right-of-way areas along the rail lines are becoming increasingly used for illegal dumping, graffiti and homeless encampments. Rail operators have admitted that they have insufficient funds set aside to clean up or sufficiently police these right-of-way areas, despite reporting a net income of over $13 billion in 2020. CPUC budget does not provide the resources to oversee whether rail operators are properly managing the right-of-way itself.

The City of South Gate has three rail lines traversing through its city limits covering about 4 miles. These lines are open and inviting to individuals to conduct illegal dumping, graffiti buildings and structures along with inviting dozens of homeless encampments. As private property, Cities like ourselves cannot just go upon them to remove bulky items, trash, clean graffiti or remove encampments. We must call and arrange for either our staff to access the site or have the rail operator schedule a cleanup. This can take weeks to accomplish, in the meantime residents or businesses that are within a few hundred feet of the line must endure the blight and smell. Trash is often blown from the right-of-way into residential homes or into the streets. Encampments can be seen from the front doors of homes and businesses.

South Gate is a proud city of hard working-class residents, yet with a median household income of just $50,246 or 65% of AMI for Los Angeles County, it does not have the financial resources to direct towards property maintenance of any commercial private property. The quality of life of communities like ours should not be degraded by the inactions or lack of funding by others. Cities such as South Gate receive no direct revenue from the rail operators, yet we deal with environmental impacts on a daily basis, whether by emissions, illegal dumping, graffiti or homeless encampments.

The State of California has record revenues to provide CPUC with funding nor only for safety oversight but ensuring right-of-way maintenance by operators is being managed properly. Rail Operators should be required to set aside sufficient annual funds to provide a regular cleanup of their right-of-way through the cities of California.

LETTERS OF CONCURRENCE

Resolution No. 2

League of California Cities Staff Analysis on Resolution No. 2

Staff: Damon Conklin, Legislative Affairs, Lobbyist
Jason Rhine, Assistant Director, Legislative Affairs
Caroline Cirrincione, Policy Analyst

Committees: Transportation, Communications, and Public Works
Housing, Community, and Economic Development

Summary:
The City of South Gate submits this resolution, which states the League of California Cities should urge the Governor and the Legislature to provide adequate regulatory authority and necessary funding to assist cities with railroad right-of-way areas to address illegal dumping, graffiti, and homeless encampments that proliferate along the rail lines and result in public safety issues.

Background:
California Public Utilities Commission (CPUC) Railroad Oversight
The CPUC's statewide railroad safety responsibilities are carried out through its Rail Safety Division (RSD). The Railroad Operations and Safety Branch (ROSB), a unit of RSD, enforces state and federal railroad safety laws and regulations governing freight and passenger rail in California.

The ROSB protects California communities and railroad employees from unsafe practices on freight and passenger railroads by enforcing rail safety laws, rules, and regulations. The ROSB also performs inspections to identify and mitigate risks and potential safety hazards before they create dangerous conditions. ROSB rail safety inspectors investigate rail accidents and safety-related complaints and recommend safety improvements to the CPUC, railroads, and the federal government as appropriate.

Within the ROSB, the CPUC employs 41 inspectors who are federally certified in the five Federal Railroad Administration (FRA) railroad disciplines, including hazardous materials, motive power and equipment, operations, signal and train control, and track. These inspectors perform regular inspections, focused inspections, accident investigations, security inspections, and complaint investigations. In addition, the inspectors address safety risks that, while not violations of regulatory requirements, pose potential risks to public or railroad employee safety.

CPUC's Ability to Address Homelessness on Railroads
Homeless individuals and encampments have occupied many locations in California near railroad tracks. This poses an increased safety risk to these homeless individuals of being struck by trains. Also, homeless encampments often create unsafe work environments for railroad and agency personnel.

While CPUC cannot compel homeless individuals to vacate railroad rights-of-way or create shelter for homeless individuals, it has the regulatory authority to enforce measures that can reduce some safety issues created by homeless encampments. The disposal of waste materials or other disturbances of walkways by homeless individuals can create tripping hazards in the vicinity of railroad rights-of-way. This would cause violations of Commission GO 118-A, which sets standards for walkway surfaces alongside railroad tracks. Similarly, tents, wooden structures, and miscellaneous debris in homeless encampments can create violations of

Commission GO 26-D, which sets clearance standards between railroad tracks, and structures and obstructions adjacent to tracks.

Homelessness in California
According to the 2020 Annual Homeless Assessment Report (AHAR) to Congress, there has been an increase in unsheltered individuals since 2019. More than half (51 percent or 113,660 people) of all unsheltered homeless people in the United States are found in California, about four times as high as their share of the overall United States population.

Many metro areas in California lack an adequate supply of affordable housing. This housing shortage has contributed to an increase in homelessness that has spread to railroad rights-of-way. Homeless encampments along railroad right-of-way increase the incidents of illegal dumping and unauthorized access and trespassing activities. Other impacts include train service reliability with debris strikes, near-misses, and trespasser injuries/fatalities. As of April 2021, there have been 136 deaths and 117 injuries reported by the Federal Railroad Administration over the past year. These casualties are directly associated with individuals who trespassed on the railroad.

Cities across the state are expending resources reacting to service disruptions located on the railroad's private property. It can be argued that an increase in investments and services to manage and maintain the railroad's right-of-way will reduce incidents, thus enhancing public safety, environmental quality, and impacts on the local community.

State Budget Allocations – Homelessness
The approved State Budget includes a homelessness package of $12 billion. This consists of a commitment of $1 billion per year for direct and flexible funding to cities and counties to address homelessness. While some details related to funding allocations and reporting requirements remain unclear, Governor Newsom signed AB 140 in July, which details key budget allocations, such as:

- $2 billion in aid to counties, large cities, and Continuums of Care through the Homeless Housing, Assistance and Prevention grant program (HHAP);
- $50 million for Encampment Resolution Grants, which will help local governments resolve critical encampments and transitioning individuals into permanent housing; and
- $2.7 million in onetime funding for Caltrans Encampment Coordinators to mitigate safety risks at encampments on state property and to coordinate with local partners to connect these individuals to services and housing.

The Legislature additionally provided $2.2 billion specifically for Homekey with $1 billion available immediately. This funding will help local governments transition individuals from Project Roomkey sites into permanent housing to minimize the number of occupants who exit into unsheltered homelessness.

With regards to this resolution, the State Budget also included $1.1 billion to clean trash and graffiti from highways, roads, and other public spaces by partnering with local governments to pick up trash and beautify downtowns, freeways, and neighborhoods across California. The program is expected to generate up to 11,000 jobs over three years.

Cities Railroad Authority
A city must receive authorization from the railroad operator before addressing the impacts made by homeless encampments because of the location on the private property. Additionally, the city

must coordinate with the railroad company to get a flagman to oversee the safety of the work crews, social workers, and police while on the railroad tracks.

A city may elect to declare the encampment as a public nuisance area, which would allow the city to clean up the areas at the railroad company's expense for failing to maintain the tracks and right-of-way. Some cities are looking to increase pressure on railroad operators for not addressing the various homeless encampments, which are presenting public safety and health concerns.

Courts have looked to compel railroad companies to increase their efforts to address homeless encampments on their railroads or grant a local authority's application for an Inspection and Abatement Warrant, which would allow city staff to legally enter private property and abate a public nuisance or dangerous conditions.

In limited circumstances, some cities have negotiated Memoranda of Understandings (MOU) with railroad companies to provide graffiti abatement, trash, and debris removal located in the right-of-way, and clean-ups of homeless encampments. These MOUs also include local law enforcement agencies to enforce illegally parked vehicles and trespassing in the railroad's right-of-way. MOUs also detailed shared responsibility and costs of providing security and trash clean-up. In cases where trespassing or encampments are observed, the local public works agency and law enforcement agency are notified and take the appropriate measures to remove the trespassers or provide clean-up with the railroad covering expenses outlined in the MOU.

Absent an MOU detailing shared maintenance, enforcement, and expenses, cities do not have the authority to unilaterally abate graffiti or clean-up trash on a railroad's right-of-way.

Fiscal Impact:
If the League of California Cities were to secure funding from the state for railroad clean-up activities, cities could potentially save money in addressing these issues themselves or through an MOU, as detailed above. This funding could also save railroad operators money in addressing concerns raised by municipalities about illegal dumping, graffiti, and homeless encampments along railroads.

Conversely, if the League of California Cities is unable to secure this funding through the Legislature or the Governor, cities may need to consider alternative methods, as detailed above, which may include significant costs.

Existing League Policy:
Public Safety:
Graffiti
The League supports increased authority and resources devoted to cities for abatement of graffiti and other acts of public vandalism.

Transportation, Communications, and Public Works
Transportation
The League supports efforts to improve the California Public Utilities Commission's ability to respond to and investigate significant transportation accidents in a public and timely manner to improve rail shipment, railroad, aviation, marine, highway, and pipeline safety

Housing, Community, and Economic Development

Housing for Homeless

Homelessness is a statewide problem that disproportionately impacts specific communities. The state should make funding and other resources, including enriched services, and outreach and case managers, available to help assure that local governments have the capacity to address the needs of the homeless in their communities, including resources for regional collaborations.

Homeless housing is an issue that eludes a statewide, one-size-fits-all solution, and collaboration between local jurisdictions should be encouraged.

Staff Comments:

Clarifying Amendments

Upon review of the Resolution, Cal Cities staff recommends technical amendments to provide greater clarity. To review the proposed changes, please see Attachment A.

The committee may also wish to consider clarifying language around regulatory authority and funding to assist cities with these efforts. The resolution asks that new investments from the state be sent to the CPUC to increase their role in managing and maintaining railroad rights-of-ways and potentially to cities to expand their new responsibility.

The committee may wish to specify MOUs as an existing mechanism for cities to collaborate and agree with railroad operators and the CPUC on shared responsibilities and costs.

Support:

The following letters of concurrence were received:

City of Bell Gardens
City of Bell
City of Commerce
City of Cudahy
City of El Segundo
City of Glendora
City of La Mirada
City of Paramount
City of Pico Rivera
City of Huntington Park
City of Long Beach
City of Lynwood
City of Montebello

ATTACHMENT A

2. A RESOLUTION CALLING UPON THE GOVERNOR AND THE LEGISLATURE TO PROVIDE ~~NECCESARY~~ NECESSARY FUNDING FOR ~~CUPC~~ THE CALIFORNIA PUBLIC UTILITIES COMMISSION (CPUC) TO FUFILL ITS OBLIGATION TO INSPECT RAILROAD LINES TO ENSURE THAT OPERATORS ARE REMOVING ILLEGAL DUMPING, GRAFFITI AND HOMELESS ENCAMPMENTS THAT DEGRADE THE ~~QAULITY~~ QUALITY OF LIFE AND RESULTS IN INCREASED PUBLIC ~~SAFETLY~~ SAFETY CONCERNS FOR COMMUNITIES AND NEIGHBORHOODS THAT ABUT~~T~~ THE RAILROAD RIGHT-OF-WAY.

Source: City of South Gate
Concurrence of five or more cities/city officials
Cities: City of Bell Gardens; City of Bell; City of Commerce; City of Cudahy; City of El Segundo; City of Glendora; City of Huntington Park; City of La Mirada; City of Long Beach; City of Lynwood; City of Montebello; City of Paramount; City of Pico Rivera
Referred to: Housing, Community and Economic Development; and Transportation, Communications and Public Works

WHEREAS, ensuring the quality of life for communities falls upon every local government including that blight and other health impacting activities are addressed in a timely manner by private property owners within its jurisdictional boundaries for their citizens, businesses and institutions; and

WHEREAS, Railroad Operators own nearly 6,000 miles of rail right-of-way throughout the State of California which is regulated by the Federal Railroad Administration and/or the ~~California Public Utilities Commission~~ CPUC for operational safety and maintenance; and

WHEREAS, the ~~California Public Utilities Commission (~~CPUC~~)~~ is the enforcing agency for railroad safety in the State of California and has 41 inspectors assigned throughout the entire State to inspect and enforce regulatory compliance over thousands of miles of rail line; and

WHEREAS, areas with rail line right-of-way within cities and unincorporated areas are generally located in economically disadvantaged zones and/or disadvantaged communities of color where the impact of blight further lowers property values and increases the likelihood of unsound sanitary conditions and environmental impacts upon them; and

WHEREAS, many communities are seeing an increase in illegal dumping, graffiti upon infrastructure and homeless encampments due to the lax and inadequate oversight by regulatory agencies; and

WHEREAS, local governments have no oversight or regulatory authority to require operators to better maintain and clean their properties as it would with any other private property owner within its jurisdictional boundaries. Thus such local communities often resort to spending their local tax dollars on cleanup activities or are forced to accept the delayed and untimely response by operators to cleaning up specific sites, and;

WHEREAS, that railroad operators should be able to provide local communities with a fixed schedule in which their property will be inspected and cleaned up on a reasonable and regular schedule or provide for a mechanism where they partner with and reimburse local governments for an agreed upon work program where the local government is enabled to remove items like illegal dumping, graffiti and encampments; and

WHEREAS, the State has made it a priority to deal with homeless individuals and the impacts illegal encampments have upon those communities and has a budgetary surplus that can help fund the CPUC in better dealing with this situation in both a humane manner as well as a betterment to rail safety.

RESOLVED, at the League of California Cities, General Assembly, assembled at the ~~League~~ Cal Cities Annual Conference on September 24, 2021, in Sacramento, that ~~the~~ Cal Cities ~~League~~ calls for the Governor and the Legislature to work with ~~the~~ Cal Cities ~~League~~ and other stakeholders to provide adequate regulatory authority and necessary funding to assist cities with these railroad right-of-way areas so as to adequately deal with illegal dumping, graffiti and homeless encampments that proliferate along the rail lines and result in public safety issues. ~~The~~ Cal Cities ~~League~~ will work with its member cities to educate federal and state officials to the quality of life and health impacts this challenge has upon local communities, especially those of color and/or environmental and economic hardships.

SBEMP
ATTORNEYS

ANGIE ARCILLA
arcilla@sbemp.com
FIRM ASSISTANT TO ROXANN VOTAW

REPLY TO:
Palm Springs, California

August 3, 2021

CITY OF BEAUMONT PROFESSIONAL SERVICES THRU: 7/31/2021

TOTAL DUE: $87,949.12

Sincerely,
SBEMP, LLP

By: Angie Arcilla

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*421Faircliff

Professional services through: 7/31/2021:

Invoice # 65383

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$1,430.00

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*AIG

Professional services through: 7/31/2021:

Invoice # 65362

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$27,363.92

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*Carpenters

Professional services through: 7/31/2021:

Invoice # 65363

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$1,072.50

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*Fibracast

Professional services through: 7/31/2021:

Invoice # 65364

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$880.00

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*Fortier

Professional services through: 7/31/2021:

Invoice # 65365

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$2,062.50

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*Jackson

Professional services through: 7/31/2021:

Invoice # 65366

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$2,090.00

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*Lee

Professional services through: 7/31/2021:

Invoice # 65367

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$5,351.30

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*Norton Rose

Professional services through: 7/31/2021: Invoice # 65368

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$875.00

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*Peters

Professional services through: 7/31/2021:

Invoice # 65369

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$1,104.00

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*Urban Logic

Professional services through: 7/31/2021:

Invoice # 65370

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$3,434.00

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont*Weka

Professional services through: 7/31/2021: Invoice # 65371

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$880.00

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont-Calimesa IA

Professional services through: 7/31/2021:

Invoice # 65372

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$382.40

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont-CCVillage

Professional services through: 7/31/2021: Invoice # 65373

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$956.00

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont-FairwayCanyon

Professional services through: 7/31/2021:

Invoice # 65374

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$3,943.50

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont-Gen Lit

Professional services through: 7/31/2021: Invoice # 65375

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$9,135.50

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont-Legacy HP

Professional services through: 7/31/2021:

Invoice # 65376

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$4,923.40

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont-OverRetainer

Professional services through: 7/31/2021:

Invoice # 65384

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$11,840.50

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont-Retainer

Professional services through: 7/31/2021:

Invoice # 65378

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$7,500.00

SBEMP
ATTORNEYS

1800 E Tahquitz Canyon Way
Palm Springs, CA 92262
Fed. ID #33-0833010
Telephone 760-322-2275
Facsimile 760-322-2107

8/3/2021

City of Beaumont
E-MAIL INVOICES

Our file no:
City of Beaumont-UtilityAuthor

Professional services through: 7/31/2021:

Invoice # 65379

	Amount
BALANCE DUE – PLEASE SUBMIT PAYMENT:	$2,724.60

BEAUMONT
CALIFORNIA

#ACITYELEVATED

DEPARTMENT PROJECTS

SCHEDULE UPDATES

July 2021

City Clerk

CITY CLERK'S OFFICE PROJECT SCHEDULE
July 2021

- **Records Indexing**
  - Records inventory and clean up – COMPLETE
  - Laserfiche user-friendly clean up – IN PROGRESS

- **Public Records Requests for the Month of July**

Public Records Requests for the Month

Requestor	No. of Requests	Date Received	Response Date	Response Update	Status	Staff Time Allocated
Accutrend	1	July 1, 2021	July 1, 2021		Complete	.25 hr
J. Woolf	1	July 6, 2021	July 6, 2021		Complete	.25 hr
P. Robinson	1	July 6, 2021	July 15, 2021		Complete	.75 hr
M. Lausch	3	July 6, 2021	June 15, 2021		Complete	1.25 hrs
K. Rusch	1	July 7, 2021	July 17, 2021		Complete	.50 hr
S. Hoffman	1	July 22, 2021	July 22, 2021		Complete	.75 hr
K. Brady	12	July 24, 2021	July 28, 2021		Complete	1.75 hrs

Extended Time Required Public Records Requests

Requestor	No. of Requests	Requested Documents	Date Received	Response Update	Status	Staff Time Allocated	Costs Associated

Monthly Totals

No. of Requests	No. of Completed Requests	Staff Time Allocated
20	**20**	**5.5**

COMMUNITY DEVELOPMENT

COMMUNITY DEVELOPMENT UPDATE
Ending July 2021

- Housing Element Update – Presentation at 7/20/21 Council Meeting
  - DRAFT Housing Element sent to State of CA HCD
  - Released for public review and comment 7/9/21
  - Community Workshop held 8/10/21

- Ordinance Updates
  - Accessory Dwelling Unit Ordinance will be included in the Housing Element Update to comply with State law – will be updated utilizing SB2 funding and LEAP Grant Funding

- Storage Moratorium – New standards will take effect 8/20/21
  - First reading for lifting the moratorium 8/17/21

- MSHCP – Western Riverside County Multiple Species Habitat Conservation Plan
  - Fee update adopted in April took effect July 1, 2021.
  - Staff is currently working with the program on 4 projects within the City and sphere

- Planning Commission
  - The next Planning Commission meeting will be September 14, 2021.

- Grant application
  - GRANT AWARDED: LEAP Grant funding (round two of SB2 funding) in the amount of $150,000. Contract is executed and funds available for the Housing Element Update
  - GRANT AWARDED - $160,000. Contract is executed and funds will be available for the Housing Element Update.
  - First reimbursement to be submitted in May.

- Code Enforcement
  - Conducted 2 administrative hearings to close out long-term cases.
  - Conducted outreach on unpermitted temporary signage.

- Building and Safety Department Data
  - http://www.ci.beaumont.ca.us/DocumentCenter/View/2428

BEAUMONT
CALIFORNIA

Project Status Report

Project Number	Date Submitted	Applicant	Project Location	Project Description	Project Status	Anticipated PC Hearing Date	Anticipated CC Hearing Date
PP2021-0385 CUP2021-0059	7/28/21	Starbucks	449 E. 4th Street (old Denny's)	Starbucks with a drive-thru	In review		
07-ENV-001		Legacy Highlands SP	s/o SR 60 w/o Beaumont Ave.	Court required remedy of EIR deficiencies	PRDEIR available for public review and comment through 1/28/21		
PP2020-0317	10/12/2020	John Dykes McClure Machine	North side of 1st Street, East of Viele	17,000sf concrete tilt-up industrial building	Environmental under review	9/14/21	NA
SP2019-0003, PLAN2019-0283, PLAN2019-0284, ENV2019-0008	04/08/2019	JRT BP 1LLC	West of Jack Rabbit Trail, south of SR-60	Annexation, Specific Plan, GPA, EIR for development of 622 acres	Kick-off meeting 5-2-2019 NOP under review, scoping meeting held 09/17/20, meeting with wildlife agencies 1/21/21	2022	2022
CUP2109-0033&34 PP2019-0209	06/03/2019	Jaswindier Singh Sondh	NWC Pennsylvania Ave & I-10	Proposed gas station, C-market with alcohol sales, quick service restaurant and car wash	Staff review of proposed revisions, CEQA review, CalTrans Issues		NA
ENV2019-0009	07/18/2019	ASM Beaumont Potrero Logistics	s/o SR 60 e/o Hidden Canyon just west of Potrero	Industrial development ~500K sf, would require annexation for small piece of land & entitlement process (ASM)	NOP/EIR Scoping Meeting held June 4, 2020, DEIR being prepared, access issues being addressed	2021	2021
PP2019-0222 PM2019-0006 CUP2019-0037 & 38	07/30/2019	Ari Miller, Santiago Holdings	NWC Beaumont Ave & Oak Valley Pkwy	Retail center w/possible grocery anchor, drive-thru restaurants, retail & gas station	Staff review, possible increase to anchor tenant pad	2021	NA
CUP2020-0052	08/04/2020	Carrie Long	60 S. Palm	Pet Resort (Kennels & related facilities)	pending WQMP submittal	On Hold	NA

PLAN2020-0544	12/2/2020	Terra-Gen	248 Viele	Battery Storage Facility	Formal application received, DRC reviewed in April & May final review of CEQA	9/14/21	
CUP2020-0045	03/27/2020	Ramona's Mexican Restaurant	Ramona's Mexican Restaurant	Ramona's Custom Brews	Comments sent to applicant, pending revisions, On Hold per applicants request	Inactive	NA
CUP2017-0001	05/24/2017	Colorado River Mobile Homes, LLC	36805 Brookside Ave.	Brookside RV Storage	Continued at applicants request	Continued indefinitely per applicants request	NA

Inquiries/Discussions/Not Filed

Location	Description
Walmart Fuel	Addition of gas station at Walmart
OVP Sign Program	Signs for 76 Station
Beaumont Crossroads II Sign Program	Signs for Hidden Canyon projects
Denny's Building	Demo and new construction
TTM33850 Richmond American Homes	95 Homes adjacent Seneca Springs
Oak Valley Parkway & Golf Club Drive	Restaurants & Retail Center
E/S of Potrero N/O SR 60 (Denley)	Mixed use development with residential, commercial & retail SP, EIR & Tract Maps required
Beaumont Avenue & 1st Street	38-acre mixed use development with apartments, modular homes & retail/commercial – would require GPA, SP, Tract Map, MND or EIR (Thrifty Oil)

COMMUNITY SERVICES_TRANSIT

COMMUNITY SERVICES-TRANSIT
July 2021

Recreation

Upcoming Events

- National Night Out – August 2nd – completed
  - Partner with Beaumont PD
  - Approx. 300 residents attended
  - Movie – *Onward*
  - Food trucks
  - Beaumont Interact Club gave away clothes
- State of the City – August 25th – CRC
- Monster Mash – October 16th - CRC
- Trunk or Treat – October 31st – Sports Park
- Veteran's Day Parade – Nov. 11th – Beaumont Ave to City Hall
- Holiday Light Parade – Dec. 10th
- Soup-OR-Bowl (Superbowl LVI) Fundraising Event – January/February
- Veterans Expo – February/March

Ongoing Programs (In-person) – *Chatigny Center now open to public*

- Senior meals drive-through handout (in partnership with Family Services Association)
  - CRC - Every Thursday at 10:00 am
- Chair Yoga – CRC - every Tuesday & Thursday
- Gentle Yoga – CRC - Wednesdays, 5:30 pm
- Fit After 50 - CRC - Mon, Wed & Fridays
- BINGO – CRC - Fridays 10:30am-11:30am
- Senior Aerobics – Mon, Wed & Fridays – 9am
- Cookie decorating class – 2 classes a month
- Pickleball: Mon, 11am-1pm & Tues, 8am-10am
- Open Basketball: Mon, 1:30pm-3:30pm & Wed, 1:30pm-3:30pm

Virtual Programs (Online)

- Beaumont Parks and Recreation merged Facebook pages with Beaumont Transit
- Advertising of all in-person programing

Spotlight on Social Media

- Employee Spotlight- Leonard Ceniceros
- Park Spotlight – none

Parks

Nicklaus Park
- Gates at dog park scheduled to be replaced – In-Progress

Mt. View Park (Sundance)
- Soils testing – completed
- New display boards for pavilion reservations - installed
- Request for bids published for steel shade structure over large playground
  - Bids received and in review

Fallen Heroes Park (Oak Valley Greens)
- Restroom maintenance and preparation for fall sports leagues - Completed

Stetson
- Irrigation upgrades - Ongoing

Stewart Park
- Remove concrete bleachers - Completed
- Pool and Pavilion Demolition – Completed
- Geotechnical survey – Completed
- Topography map for 11th St park - Completed

Sports Park
- Fields closed July 6th thru August 2nd for annual maintenance
  - Aeration of fields – Completed
  - Fertilizer - Completed

DeForge Park
- CDF vegetation removal in channel – Ongoing
- New display boards for pavilion reservations - installed

Wildflower Park
- New display boards for pavilion reservations - installed

Grounds Maintenance

Rights-of-Way
- Graffiti Removal – Fifteen (15) locations
- Cherry Channel walking path irrigation replacement – underway
- City backflow devices scheduled for required inspection – 150+ devices
- Mulch Project –
  - First Street and entryway pockets in Seneca Springs – Completed

- Traffic Control and Flaggin training and certification of all staff - Completed

Open Space and City Owned Lots
- Weed Abatement Program
  - Coordinating with CDF – Seneca Springs open space – underway
  - Cherry Channel North - Completed
- Weed Abatement RFP being prepared for all city lots – abatement to begin after responses reviewed and contract awarded

Building Maintenance

Fire Station 66
- Carpet installation in barracks – Completed
- New Ice Machine - Ordered
- Electrical Engineer hired to review plans and determine appropriate design

City Hall
- Generator Repair - Completed
- Demo for new offices - Completed
- Paint and Stucco RFP sent to Public Purchase – Contract to be awarded Sept. 7th

Police Department
- Enhance lighting in parking lot – In-Progress
- Obtaining quotes for minor roof repair to modular building
- Electrical and Generator Upgrades – In Progress
- Evidence Freezer installation – Completed
- New carpet installation – Completed

Chatigny Recreation Center
- HVAC System – wireless system installation - Completed
- Preventative maintenance completed on all HVAC units at CRC. Mechanical repairs made as needed
- New drywall in elevator mechanical room after water leak – In-Progress

VFW
- Roof and drywall repairs - underway

Transit

Operations
- Senate Bill 149 – Trailer bill proposing an additional year of farebox recovery waiver – staff is tracking progress
- All bus routes are operating at full capacity
  - Masks required
- Free fare promotion continues funded by LCTOP Grant
- No Service – September 6th – Observing Labor Day

- Routes 7 & 9 – back in full service
- Service changes made to Casino Express and Commuterlink 125
- Branding Update:
  - Phase 1: Bus Wraps - Complete
  - Phase 2: Bus Stop Blade Replacement- in progress
- EV Charging Station use is increasing
  - June: 48 unique drivers, charging for 146 sessions
  - July: 57 unique drivers, charging for 232 sessions
  - New EV shuttles - getting driver barriers modified to fit vehicles

Spotlight on Social Media

- Employee Spotlight- James Gutierrez

Capital Improvement Plan Projects

Stewart Park Project – 3.95M

- City Council approved conceptual plan January 19th
- Geotechnical survey contract awarded
  - Boring completed – final report completed
- Demolition Work of Pool and Pavilion Buildings – completed
- Electrical engineering – engineering design work pending engagement of consultant
- Landscape architect retained to design bandshell and multi-purpose fields
- Meeting held with Water Odyssey
  - Contract awarded for design
- Street vacation of 10th Street
  - Scheduled for City Council approval

Rangel Park Ballfield Lights, Electrical and Playground - $500,000

- Geotechnical engineering – completed
- Electrical engineering – engineering design work awarded to KEWO Engineering
- Splash Park – contract awarded for design

Playground Shade Covers Phase I - $250,000

- Request for bids out to public for steel shade cover construction – bids received and in review

Compressed Natural Gas Fueling Station

- So Cal Gas meeting to discuss tariff agreement – ongoing
- Application for new gas service - Completed
- Presentation to Council coming soon

Bus Shelter Project- Walmart

- Contract awarded – Aug 3rd City Council meeting

- Shelters and other amenities ordered. Due to arrive beginning/mid September at the earliest.

Grants

- Carl Moyer Program – SCAQMD - $600,000
  - Application approved at January 15th meeting
  - Additional funds to be used for CNG station
- Prop 68 Per Capita Grant - $177,952
  - Approved by City Council to apply for funding to improve Three Rings Ranch Park
- Circle 4 Tree Planting Grant
  - CaUFC (California Urban Forest Council) will provide the City approximately 70-100 15-gallon trees which will include stock and labor to ensure proper installation by volunteers and WCA, Inc (West Coast Arborist).

Economic Development

ECONOMIC DEVELOPMENT
July 2021

RFPs Underway

Major Projects

Retail Market Analysis

- Work is underway with The Retail Coach
  - Retail Market Analysis Complete
  - Small Business workshop (Virtual) held on January 26th
    - City is promoting this service to all small businesses in the City
  - Site Profiles underway
  - Attraction is underway – Recruitment Sprint #2
  - Drafting Opportunity Site Profiles
  - Prepping materials for regional ICSC conference in December 2021

Covid-19 Response

- Back to Business Committee
  - Business Survey
  - Resident Survey
  - Business Outreach
  - Stay updated with State Guidelines and Reopening plans
  - COVID-19 Complaint Business Package
  - Small Business Grant Program – Round 2 funding has been distributed

- American Rescue Plan
  - Provides direct funding to each City in two payments
  - Reviewing eligible uses for these funds. New guidelines coming soon
  - Funds must be expended by 2024

- Major Employer Discussions
  - ICON is seeing a huge increase in orders and shipping
  - Wolverine has leveled out
  - CJ Foods is in full production
  - Rudolf Foods is expanding its operations and is hiring 40 new employees
  - Priority Pallet is starting to recover
  - Amazon is happy with their location

- Business Resource Information is available on City website
  - Reopening plan guidance docs for each industry
  - Disaster loans, Small business grants and Paycheck Protection Program links
  - Utility benefit info
  - Small business development assistance
  - Programs to help small business retool and adapt their business plan and strategy
- Beaumont Eats program – Supplies of barricades and Ez-ups are available to interested businesses through an application process.

- Revised sales tax projections and project absorption for FY21
  - Expand modeling on sales and property taxes for impacts from COVID-19
  - Update recession indicator model with new datasets
- Legislative Review of State and Federal mandates and programs related to COVID-19
- Go-Biz Small Business Grant Program ($25k) would expand by 4x if the State's budget passes as proposed. Info is available on the City business resource website.

Retail Recruitment Strategy

- Review of information and needs associated with establishment of the program
- Retail recruitment has changed, and the City's efforts must adapt to stay competitive
- Continue to review and come up with ideas on streamlining permit process
- Market Analysis completed
- Working to revamp Economic Development portion of the website to include data and info site selectors and corporate execs are looking for

Economic Development Strategic Plan

- Partnership established with UCR for business and entrepreneur development
- Potential partnership with CVEP for business development and resource seminars
- Partnerships developed for datasets and review of statistics
  - UCR
  - Working on MSJC
- Targeted Industry Groups
  - Fulfillment centers, high-tech manufacturing, additive manufacturing, healthcare, renewable energy sources, logistics technology clusters
  - Hotels, entertainment outlets, sit-down restaurants, retail businesses
  - Market Analysis will kickstart this effort using new datasets and industry matching
- Monthly workforce training events held each month on 2nd Thursday (Starting up August 12)
- Focus has shifted towards Retail recruitment and Marketing functions for 2021
- FY22 programs being developed now

Downtown Campus/Facilities Master Plan Project

- Working to update based on newly adopted Downtown Plan

Sales Tax and Property Tax Review

- Review and analyze quarterly sales tax and annual property tax revenues
- Make suggestions and action plans on results
- Targeted sectors, business outliers and discrepancies
- Growth projections
- Incorporate this data into the multi-year fiscal model and annual budget
- Property tax dataset from years 2000-2018 – completed
- Working through revenue models based on home sales and sales tax updates

Economic Fiscal Impact Model Review (part of General Plan Update)

- Review inputs and test model
- Run various test projects to determine calibration

Budget Modeling and Review

- Working to develop a robust and sound fiscal model based on a true data set that can be trusted

- The model will be able to project future revenues and growth projections to make better financial choices today
- Working on economic indicator review for downturn/recession planning opportunities
- Partnership with Claremont McKenna College Professor in Economics Dr. Keil
- Developing commercial /industrial absorption model with revenues
- Working on expense model per development type
- Recession indicator model
- New required revenues model under development, based on new fiscal forecast deficit in 2024
- Recession Indicator Model previously created being reviewed to track leading indicators

Coordination with Multiple Departments on Projects

- Work on current / future projects, capital projects, Capital Improvement Plan, Design Review Committee, review of Planning applications and projects
- Serve as city liaison for private industry for each city department

Economic Development Committee – Next meeting August 11, 2021

Grant Management

- Developing City Grant Policies and Procedures
- Developing Grant tracking worksheet
- Reviewing funding opportunities
- Applying for Inland Socal United Way Grant for small business events

Foreign Trade Zone

- Working with City of Palm Springs or March JPA to potentially expand their zone to include Beaumont
- Develop strategy to work through US Customs to get the approval of alternative site framework application
- Working on next steps.
- A path forward has been determined but requires additional funding for a customs officer to cover the expanded zone area
- Working with Riverside County to identify possible funding sources

Business Retention and Expansion Events

- Programming next series of events and training seminars for post pandemic
- Partnering with UCR, RivCo EDA and Coachella Valley Economic Partnership
- Contact small companies in need of assistance and resources
- Retraining Program

Potrero Interchange PH2

- Meeting with Federal EDA to discuss funding availability
- Meeting with RCTC to discuss project status
- Submitted Grant / earmark request to Congressman Ruiz for inclusion in the American Jobs Plan

Cooperative Meetings with Beaumont Chamber of Commerce

- Discuss meeting/event schedule for remainder of year
- Partner to create value added business events

Current Development Projects (building now)

Sundance Corp Center

- Building 1 and 2 almost completed
- Building 3 under construction
- Working to fill remaining retail/in-line space

San Gorgonio Specific Plan

- Commercial property between 1st and 2nd streets from Kohls to Center Pointe (across from Walmart)
- Most attraction efforts are completed: A few inline suites are still available
- Now Open: Ulta Beauty and CinemaWest
- Building starting soon: Sherman Williams
- Now open are Grocery Outlet, In-N-Out, Raising Cane's, Five Below, Jersey Mikes, El Mariachi Mexican Take-Out, Bright Now Dental, and AT&T Store
- Building is continuing and most tenants are still planning on opening this year, restrictions permitting.

Major Development Projects - Potential

Denley – Beaumont Village Specific Plan

- 300-acre specific plan with Commercial/Residential/ Mixed use project
- Between Oak Valley Parkway and SR 60, east of Potrero Blvd.
- Project meetings on-going as of January 2020
- Entire project is not included in BCVWD Urban Water Management Plan

Crossroads Logistics - Amazon

- Amazon construction completed and facility is now in operation
- Revised job numbers from Amazon is now 3,300 for this facility
- Initial projection was 750-1000 direct jobs created

Crossroads II Logistics (Hidden Canyon)

- McDonald Property Group is new owner
- Had multiple meetings with interested parties (developers and end users)
- Working to attract targeted industry groups per the EDSP
- Currently working on tenants for the 1 million sq. ft. building
- Have a lead on the second building as well

Commercial property at Oak Valley Parkway / Beaumont Avenue

- Working with landowner and broker to attract key tenants for the center
- Current leads are Farmer Boys, 7-Eleven with gas, drive-thru Starbucks

Commercial property at Oak Valley Parkway / Desert Lawn Drive

- Project submitted with new Gas Station and Drive Thru restaurant

Commercial property at Eighth Street / Highland Springs Avenue

- Small 1.5-acre site

- Current leads are 7-Eleven with gas and quick service restaurant

Other Project Leads

Miscellaneous leads for projects that I have worked on in the last 12 months. These range from simple phone calls to complete meetings with developers, architects and engineers.

- Commercial property at Oak Valley Parkway / I-10
- Commercial property at Oak Valley Parkway / Golf Club Drive
- Commercial property at Beaumont Avenue / 1st Street
- Commercial property at Pennsylvania / 6th Street
- Commercial property at Pennsylvania / 1st Street
- Commercial property at 6th Street and Xenia Avenue
- Residential property at 6th Street and Xenia Avenue

Other Items

- Hotel Incentive Package
- City Incentive Package/Policy
- Downtown Parking Ordinance
- Top 10 Commercial Broker meeting program
- Development of Chamber of Commerce partnership
- US EDA – Potrero PH2 Grant
- Food Truck Ordinance review
- Young Professional Networking Program
- Business of the month program with Chamber of Commerce has been created

FINANCE

FINANCE DEPARTMENT
July 2021

SPECIAL PROJECTS

- Tyler software
  - Payroll/HR Module – this project will consolidate payroll and HR within the primary City financial system. The City Council approved funding for this project at the December 15, 2020 meeting. This project will move forward with implementation contemplated by July or August 2021. Payroll Configuration started on 05/10/21.
  - Fixed Assets Module – the City Council approved acquisition of this software at its December 15th meeting. This module configuration went live on July 23, 2021.
  - Exploring alternative solution to Business License software needs
  - Tracking Accounts receivable through Tyler
- FEMA grant – application submitted successfully by the City. Costs associated with responding to the Covid-19 emergency are being tracked and documented. The City has submitted several projects and expects to submit additional projects in the first quarter of calendar 2021. Initial funding decisions should occur in April 2021. One claim has been approved, others are still in review.
- CARE (COVID Relief Fund) – the City is eligible to receive up to $635K in Federal Funding through the State. As of November 19, 2020, City has received all of these funds. Following the receipt of Federal funds, the City Council created a General Fund supported Covid Relief program in the same amount as the Federal funds received.
  - Business Grant awards are complete and funds have been disbursed. The Council decided to move forward with a second round of funding. The second round of business grants was processed and payments issued on March 19, 2021.
  - Household assistance applications have been received and payments have been issued to qualifying households.
  - To date, approximately $400K of these funds have been expended.
- Treasury's Coronavirus State and Local Fiscal Recovery Funds – The City is eligible to receive funds in the amount of $7,306,318.00. The application for these funds has been submitted with the first tranche of funds was received on 6/7/2021. The second tranche will be released 365 after receiving the first tranche. Premium pay was authorized by City Council and was processed on 6/25/2021 in the amount of $1,833,584.60.
- 2020-21 Overhead Allocation and Transfers -overhead transfers completed for 1st, 2nd and 3rd quarters. Other transfers and position spits are completed through the third quarter.
- Internal Service Funds – the CC approved the creation of 4 new internal service funds. This includes:
  - Facility Maintenance/ Replacement Fund
  - Vehicle Replacement Fund
  - Equipment Replacement Fund
  - IT Equipment Replacement Fund

These funds will be incorporated into the FY 2022 budget process with allocations to the funds from departments based on a utilization basis.

- New processes and procedures
  - Cal Card application has been approved. Policies and procedures are developed, and cards have been issued to all departments that have requested access.
  - Investment policy/ Investment process – the policy has been approved by City Council an investment advisor selected. The setup work is underway and an updated policy with recommendations from the investment advisor was approved by Council on 5/18/2021. Investment program is in process and currently waiting for market conditions to improve to implement.
- Compliance with Developer Agreements
  - KHOV
    - Fee credits for prepaid Sewer Capacity DIF reconciled monthly (overpayment has been identified – refund to developer completed)
    - Park fee credits reconciled monthly
    - All Bond proceeds available to KHOV for 2016-4 have been paid
  - Pardee
    - Park fee credits and prepaid DIF reconciled monthly.
    - IA 8F bonds issued and proceeds sent to Pardee.
    - Pardee was billed and has paid prepayment for FY 2021 after DIF and TUMF credits were included in the computations.
    - Pardee requested and was paid the Paygo funds from IA 8F
  - RSI
    - Fee credits for prepaid Road and Bridge DIF completed
- Compliance with TUMF Credit Agreements
  - Pardee
    - Potrero Phase II
    - Pennsylvania Widening
    - Oak Valley Interchange
  - Lassen
    - 4th Street Extension (Grading)
  - Crossroads
    - 4th Street Extension (Paving)
- Processing of CFD Prepayment Requests
  - Program restarted October 2017
  - Process "dark" from 6/1 through 9/30 for tax roll assessment processing
  - Received #19 requests to date (one received May 2021)
  - Received #18 full payoffs to date
    - Total $310,277.31 for debt service
    - Total $10,739.38 for future facilities
  - All funds transferred to Trustee for retirement of bonds
  - Bonds retired to date = $166,000
- Management of Existing Bonds
  - Special District Report for Beaumont Finance Authority Due 01/31/21 – report completed
  - Special District Report for Beaumont Public Improvement Authority Due 1/31/21 – report completed
  - Next Debt Service Payment Due 09-01-21 – In Process
- Refunding Bond Issuance completed for IA 8C and IA 17B
- Refunding Bond Issuance completed for IA 7B, 7C, 17A, 19C and 20

- Bonds issued for CFD 2019-1
- SCO Filings Due for FY20
    - All filings complete.
- AQMD FY20 filing – completed
- File FY 2020-21 City Budget with the County of Riverside – completed
- CFD Assessments Costs (Parks/Maintenance/Administration)
    - Reporting CFD Revenues Generated by IA – Recording in the general ledger as received from the County of Riverside
        - Segregation of funds: #250 Administration, #255 Maintenance, #260 Public Safety, #265 Facilities, #510 Pay-Go, #840 Bond Debt Service, #850 BFA, #855 BPIA
    - Demonstrate Means/Methods for CFD Fund Allocations – Working on best way to identify/capture data:
        - Park Maintenance
        - Parkway Maintenance
        - Public Safety
        - Other

  This project will be re-initiated and considered as part of the cost allocation project this summer.

- IA 8F – Bonds issued – net proceeds approx. $12.3 million sent to Pardee in compliance with settlement agreement and acquisition agreement. The vast majority is a return of DIF and TUMF fees.
- Pardee – pay go reimbursement request filed for Area 2016-2 – request of $340,726 – Completed
- Pension Liability Analysis and Options – reviewed by CC at the March 3, 2020 meeting. The City Council allocated $2.5 million in General Fund reserves to be used in addressing the pension liability. Staff will provide the CC with an overview of options including pros and cons of those options. This will be planned for August 2021.
- FY 21/22 Budget – Staff will begin the budget process for the FY 2021-22 budget beginning in January 2021. A proposed timeline was provided to the CC at its January 5, 2021 meeting. The budget was presented to the CC at its April 20, 2021 meeting for initial review and direction. The final budget was adopted by Council on June 1, 2021.
- Budget book development using new software in in process. Final book is planned to be completed by September 2021.

ONGOING WORK

Bank reconciliations (all banks and trustee accounts)

NOTE: Citibank Operating Account reconciled through 07/14/21
Payroll and Workers Comp Accts reconciled through 06/30/21
All other accounts reconciled through 6/30/21.
All Trustee accounts reconciled through 5/31/21

Daily cash receipts data transfer into the general ledger
Weekly accounts payable processing
Timely recording of payroll and related entries
Review and reconciliation of all DIF monthly
Review, reporting of MSHCP and TUMF monthly
General ledger review and reclassifications as needed

Review of budget to actual activities
Monthly financial reporting to Finance Committee and City Council
Review and analysis of Project accounting monthly

- Review of project budgets to CIP
- Reconciliation of revenues recorded
- Reconciliation of expenses incurred with Public Works
- Reconciliation with general ledger entries

Development of Policies and Procedures (continuous)

Transparency

- General ledgers are redacted and uploaded
- Wilmington Trust statements are being held due to redaction issues-ONLY available to view over the counter
- Paid vendor invoices are scanned and uploaded to portal within reasonable time frame
- Bank statements and reconciliations uploaded through January 2021
- All Bond fund requisitions are redacted and uploaded

UPCOMING PROJECTS

Business license program management
Cost Allocation – need to update for both grant indirect rate purposes and for fee adjustments. Started discussion to issue a request for proposals.
Inventory management – for equipment this will be updated during the fall of 2021 using the new Fixed Assets module
Travel Policy – needs to be created
Looking at implementing an automated AP payment through Tyler
Further Automation of Accounts Payable and Accounts Receivable processing
A complete review of all financial policies will be undertaken during FY 2022 to determine missing elements and needed updates.

GRANTS

The Community Development Department took on the task of tracking all grants received by the City and coordinated with the Finance Department. A complete listing of existing Grants and projected Grants was provided to the Finance Committee and City Council in June 2020. This listing will be updated and maintained. In process of completing a grant policy and procedures. A multi-department effort to coordinate and track grants is underway.

INFORMATION TECHNOLOGY

INFORMATION TECHNOLOGY
JULY 2021

Tyler Upgrades – IN PROGRESS
- New Payroll Software – completed
- Business License software module research.
- Civic Engagement software (EAM) demo to replace PMM.
- New Solar Application Process online

City Hall – IN PROGRESS
- Remodel and moves in place.
- New phone upgrade in place – Completed.
- Wireless access addition to rest of site for better coverage.

Police Department – IN PROGRESS
- New Kiosk for better civic engagement.
- Will have analytics to provide for staff for better information of service needs.
- New Kiosk for Public use Installed.
- Retrofit a few new vehicles with Toughbook's and cradle points.
- Upgrades to Data Center at PD being presented to Council.
- New RIPA AND DOJ Compliance modules being tested.
- Mark43 and DOJ project still in place.

CAD\RMS System for Public Safety (PD)– IN PROGRESS
- NG911 ATOS install and testing.
- New Internet line for Riv Co installed
- Additional vehicle retrofit with CAD access.
- Vehicle Location Service being tested.

Wastewater Plant –*IN PROGRESS*
- Looking at for better access to SCADA.
- New Internet Upgrade and phones system Install set of Jun 9th – In progress.
- New redundancy IT measures being explored.

Albert Chatigny Community Center AC Controls
- Testing new AC controls with Directive from Parks & Rec.
- New Rec Software and membership scanner test.

IT Strategic Plan – IN PROGRESS
- New Application management appliance. Will present Aug Council meeting.
- Looking at efficient ways to save city money on telco services.
- Provide GIS assessment -added to Budget request.
- Identify needs for City of Beaumont post Covid-19. Will include in strategy.
- Looking at options to bring a third party for holistic assessment of needs. Meeting to discuss budget and ongoing projects to align to Beaumont's vision.

Zoom Meetings – *IN PROGRESS*
- Continue to use due to covid-19 restrictions.
- Completed closed session Zoom Room.

PUBLIC INFORMATION

PUBLIC INFORMATION PROJECTS UPDATE
July 2021

Projects

- CIP Book
  - Meeting with Kristine to discuss a direction for CIP Book
  - Researching examples for a visual CIP book
  - Each project will have a page highlighting detail, schedule, and funding

- Downtown Vision
  - Developing a visual marketing piece which highlights CIP projects, streetscapes, placemaking, and city branding for the downtown area.
    - Materials will be utilized to market the area to investors and developers

- State of the City
  - Meeting with Mayor to finalize presentation outline
  - Gathering project details from department heads
  - Setting up videos with each councilmember

- Communications Strategic Plan
  - Updating the 2018 plan to include new goals and objectives to advance the City communications and marketing efforts.

- Budget in Brief/Annual Report
  - Researching formats for a short visual guide to understanding the key elements of the FY2021/22 budget.

- Branding Phase 2
  - Initiated project with JPW Communications for design of secondary branding elements
  - Returning to City Council in September with Council requested changes
  - Project estimated to be complete by October

- Advertising/Misc. Outreach
  - Recall election posts
  - Save the Date: Monster Mash
  - Free Fare on Beaumont Transit/Masks Required
  - Facility rentals
  - How to submit service requests online
  - ~~In-person classes at the CRC – Yoga and Fit after 50 - Done~~
  - COVID-19 updates - Ongoing

- ~~Pop Ups in the Park Schedule - Done~~
- ~~WM holiday service changes - Done~~
- ~~Contract fitness class instructors -Done~~

- Misc. Projects
  - Updating website with wastewater survey information for businesses
  - ~~Assisting Transit with wrap design options for electric vehicle - Done~~
  - Mayor Mondays
  - Updating website with Housing Element/SM Blast
  - Creating updated slides for TV channel
  - Commercial site selection and development process flowchart to educate residents on new businesses coming to Beaumont
  - Traffic/Construction Updates

Social Media Followers

*What is the Difference Between **Likes** and Follows? ... A Like is a person who has chosen to attach their name to your Page as a fan. A **follower** is a person who has chosen to receive the updates that you post in their news feed (subject to the Facebook algorithm of course).*

- Facebook
  - City Account –8,985Followers (+151)
    - 10 individuals Direct Messaged (DM) us
    - Highest performing post in July: Congressman Ruiz funding
      - Reach: 2,400
  - Parks and Recreation – 1,178Followers (+66)
    - Highest performing post in July: Beaumont Transit is Hiring
      - Reach: 2,800
  - Transit – MERGED WITH PARKS AND REC PAGE AUGUST 1
- Twitter
  - 2,637 Followers (+19)
- Instagram
  - 3,451 Followers (+170)
- Nextdoor
  - 12,272 Members (+369)
    - 52% of Beaumont households

Misc.

- eNewsletter/ News releases
  - 3,150 registered contacts (-20)
- Notification sign-ups
  - calendar of events - 1,636 (+1)
  - City Council – 742 (-1)
  - EDC – 226 (-1)
  - FAC – 161 (+1)
  - Planning Commission – 588 (-2)
  - Construction Updates – 1,257 (+2)
  - Homepage news – 202 (+1)

Local Events

~~July 4 | Fireworks at Stewart Park – Done~~

State of the City – August 25th

PUBLIC WORKS

PUBLIC WORKS UPDATE
JULY, 2021

- Pavement Rehabilitation
  - Engineering currently in planning stage for FY 20/21 Pavement Management Program.
    - ~~Staff to bring list of proposed streets to CC on 04/20.~~
  - Staff preparing bid package based on preliminary streets list presented to CC on 04/20 and feedback obtained therein.
    - Project has been advertised and bids will be opened 08/06/2021
    - Bids have been opened and staff is currently reviewing. Staff intends to bring contract for award at 09/07 CC meeting.

- Sewer System Master Plan
  - Data request from Consultant has been completed and fulfilled.
  - Mesa Lift station survey is complete, consultant preparing accurate "as-built" record drawings and is complete.
  - City-wide Hydraulic Model initial draft has been reviewed and new development projections have been loaded and is operational.
  - Lift Station assessment draft completed.
  - Population and development projections are complete.
  - Data collection and assessment of Wastewater System is complete.
  - System wide condition/capacity assessments are complete.
  - Capital Improvement Plan Development draft is complete.
    - Staff targeting CC workshop July 22.
  - Sewer system Draft Master Plan to be provided by the end of August. Staff targeting adoption of Master Plan by CC in October.

- Highland Springs Interchange
  - Cooperative Agreement Amendment with the City, RCTC, and Banning for the preparation of Project Approval and Environmental Document (PAED) for the Highland Springs Interchange Project approved by CC. Approval by Banning and RCTC pending.
  - RCTC is the lead in preparing the report with input from both the City of Beaumont and Banning.
  - Funding for the PSR and PAED from WRCOG settlement.
  - Updated Project Traffic Forecasting and Operational Analysis (TFOA) has been returned with minor comments currently being addressed.
  - The Preliminary Environmental Analysis Report (PEAR) has received minor comments which are being addressed.
  - Completion of PSR is expected to by August of 2021.

- Potrero Phase 2
  - Staff looking at potential further phasing of interchange ramp construction. Potential modifications include revising proposed 6 ramp interchange (4 on-ramps & 2 off-ramps) to a 4-ramp interchange and delaying additional 2 on-ramps to future date in which traffic volumes warrant construction.
  - Staff looking at other grant opportunities, potential funding solutions.
  - ~~Trade Corridor Enhancement Program (TCEP) grant application has been submitted. $33M has been requested and awardment of grant expected to be by end of calendar year.~~
    - ~~Announcements read on 11/16/20. City was unsuccessful.~~
    - ~~Staff now back to pushing Caltrans for phased approach.~~
  - Staff in active correspondence with Caltrans management to discuss phased approach. Approach to path forward anticipated soon.
  - Focus meeting with Caltrans on 04/09 to lay out specific steps in order phase the ramp construction as noted in first bullet item.
  - Direction has been provided to determine feasibility of modified approach.
    - Traffic Analysis to be revised to ensure modified approach will operate at appropriate level of service for 15 years
  - Fee proposal to revise traffic in accordance with direction provided has been received and is under review.
    - Staff taking a Professional Services Agreement to authorize additional analysis supporting 4 ramp proposal at 09/07 CC meeting. Staff will also bring forth a TUMF reimbursement agreement to pay for additional analysis.

- Highland Springs Signal Timing
  - ~~Staff working with the City of Banning on an MOU to coordinate signal timing of 6 intersections along Highland Springs to help alleviate congestion.~~
    - ~~Submittal to Caltrans will be first week of April~~
  - Concurrence has been received, and three-party MOU between Banning, Beaumont, and Caltrans was approved at the 12/01/2020 CC meeting.
  - Maintenance agreement between Beaumont and Banning was approved at the 12/15/2020 CC Meeting.
  - Kick-off meeting has been held and staff currently preparing proposed timing for affected intersections for Caltrans review.
    - Proposed timing has been submitted to Caltrans for review.
    - Timing has been approved and staff now working on implementation.

- Pennsylvania Avenue Widening
  - Environmental consultant released to prepare CEQA document
    - Draft environmental document (Mitigated Negative Declaration) completed and under review.
    - MND has been released for public review. Comment period running through closes July 6.
    - Adoption of Mitigated Negative Declaration will be on August 17 CC agenda.
  - Updated packages have been submitted to both UPRR and Cal Trans
    - Comments have been received and responded to.

- Bid package has been received from consultant with minor comments from staff.

- Pennsylvania Avenue Railroad Grade Separation ~ No Change
  - Consultant directed to perform cost analysis for Riverside County Flood Control District master plan storm drain improvements as part of project. Staff able to get Flood Control to authorize up to $5.3M in current budget.
    - Proposed design allows improvements to stay within Pennsylvania Ave., potentially avoiding significant environmental constraints associated with realigning outside City right-of-way. Feasibility is being confirmed.
  - Consultant is working on the 35% plans, specifications, and engineering.
  - Current contract has limited consultants' obligation to 35% design. Staff is searching for additional funding to engage consultant to complete design.

- Pennsylvania Avenue Interchange ~ No Change
  - Staff has had several meetings lately regarding traffic analysis and future compliance with Vehicle Miles Traveled (VMT) guidelines.
  - Caltrans will allow City to be lead agency for environmental clearance which should help facilitate project.
  - Staff has been able to obtain Caltrans concurrence regarding project study radius and intersection identification. City will not be required to include projects outside of our jurisdiction. Additionally, the recently completed traffic model runs for our General Plan can be utilized for study horizon year data saving time and cost of additional modeling.
  - Traffic Operations Analysis Report (TOAR) being revised to include recent General Plan traffic model runs.

- West Side Fire Station
  - Consultant has submitted for fourth review of complete design package (Civil, Architectural, and Landscape).
    - Architectural has been approved.
    - Civil responding to minor comments.
  - Several environmental studies and reports are currently underway, including:
    - Habitat Assessment and Constraints Analysis - Complete
    - Biological Resources Report - Complete
    - Determination of Biologically Equivalent or Superior Preservation (DBESP).
      - Completed and being sent to Regional Conservation Authority and Wildlife Agencies with anticipated review time of 60 days.
    - Jurisdictional Delineation - Complete
  - Staff currently flying Request for Qualifications (RFQ) in order to pre-qualify prospective bidders.
    - RFQ's have been submitted and are currently under staff review – Complete.
  - Draft environmental document expected to be publicly noticed when DBESP review is complete.

- Line 2, Stage 1 Drainage Project
  - Cooperative funding agreement was approved by CC on 09/01 and also approved from Riverside County Board of Supervisors

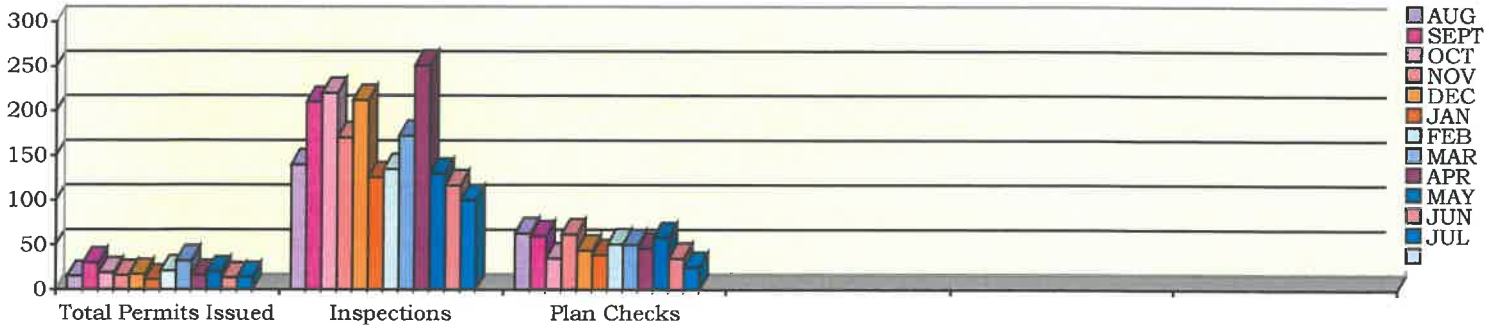
- ~~Beaumont staff and Riverside County Flood Control (RCFC) interviewed the top 3 consultants the week of 09/14-09/18~~
- Professional Services Agreement awarded to EXP at the 12/15/2020 CC meeting.
- Project has kicked off. Consultant initial step is to address any downstream limitations (Seneca wash) and identify potential mitigations.
  - Analysis has been identified and staff now working with consultant on preferred design approach.

- Second Street Extension
  - Phase 1 of project complete which included
    - Preliminary design
    - Preliminary cost estimate
    - Preliminary environmental assessment
  - Phase 2 of project kicked off as authorized by CC on 03/16/21 meeting.

- By the Numbers ~ Running 12 month total of permits and inspections
  - Includes the following:
    - Encroachment permits issued.
    - Offsite improvement permits associated with residential developments issued.
    - Offsite improvement permits associated with commercial developments issued.
    - Commercial development inspections.
    - Residential development inspections.
    - Commercial development plan checks.
    - Residential development plan checks.

PUBLIC WORKS

MONTHLY PERMIT INFORMATION
RUNNING 12 MONTHS



	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
Permit Information												
Encroachment - Issued	12	22	14	9	14	7	21	24	11	18	13	13
Residential Improvements	3	4	5	6	0	3	0	8	5	2	0	0
Commercial Improvements	0	4	0	1	3	1	0	0	0	0	0	1
TOTAL	15	30	19	16	17	11	21	32	16	20	13	14
Inspections												
Commercial	53	109	86	73	35	48	31	40	50	48	42	13
Residential	87	101	134	97	177	78	104	132	201	82	75	87
TOTAL	140	210	220	170	212	126	135	172	251	130	142	100
Plan Checks												
Commercial	14	15	10	46	6	4	14	10	6	10	15	8
Residential	49	45	25	16	38	35	37	40	40	48	18	17
TOTAL	63	60	35	62	44	39	51	50	46	58	35	25

FY 21/22
FY 20/21

This information is gathered from monthly reports and inspection records. Permits issued as of July 31, 2021.