



AGENDA

The meeting will be held at City Hall Council Briefing Room, 300 W. Main St, Grand Prairie, Texas, and a quorum of the committee or the presiding member will be physically present. Some members may participate remotely via video conference.

CALL TO ORDER

STAFF PRESENTATIONS

1. Land Use Assumptions (LUA), Capital Improvement Plan (CIP), Water and Wastewater Impact Fee Update
2. High Speed Rail Presentation

CONSENT AGENDA

Citizens may speak for five minutes on any item on the agenda by completing and submitting a speaker card.

3. Minutes of the May 21, 2024 City Council Development Committee Meeting
4. Reject all bids from RFB #23003 for IH 30 and RFB# 23004 for SH 180 Closed-Circuit Television (CCTV) & Dynamic Message Signs (DMS) construction that were jointly bid
5. Ratification of an expenditure for an emergency wastewater line repair at Roy Orr Blvd. and W. Trinity Blvd. in the total amount of \$69,317.00 using the existing Annual Water/Wastewater Repair and Replacement Services Agreement with North Texas Contracting, Inc.
6. Grant license to Grand Prairie Residences, LLC to allow construction of a retaining wall over a City stormwater line easement located at 3900 S. Robinson Road for a total fee of \$600.00 and authorizing the City Manager to execute an Agreement for the same
7. Ordinance authorizing City Manager to execute Quitclaim deed for the abandonment of various platted slope easements of approximately 1.720 acres located at 4600 Lake Ridge Road, 4700 Lake Ridge Road and 2400 West Polo Road, Dallas and Tarrant Counties, to Jefferson SW Parkway, LLC
8. Ratification of an expenditure for an emergency water main replacement repair at the intersection of Beltline and Marshall in the total amount of \$127,267.00 using the existing Annual Water/Wastewater Repair and Replacement Services Agreement with North Texas Contracting, Inc.

9. Professional Engineering Services contract with Gresham Smith for an amount not to exceed \$300,000.00 for the design of the Phase 1 Trinity River Authority (TRA) Basin 3.0W Capital Improvements Project
10. Amend the Lone Star Consulting, LLC agreement through August 31, 2025, in an amount not to exceed \$117,000 in total, for city-wide grant facilitation, tracking, reporting and community engagement services related to grant activities for the City of Grand Prairie (Reviewed by the City Council Development Committee on 07/16/2024)

INDIVIDUAL CONSIDERATION

11. Purchase of Lakeridge Liftstation Roof Replacement Services from Garland/DBS, Inc. for \$419,985.00 through a national cooperative agreement with Omnia Partners
12. Construction contract with McMahon Contracting, L.P. for Walingford PID Retaining Wall Improvements in the total amount of \$664,455.80 for Base Bid; materials testing with Alliance Geotechnical Group for \$14,012.00; in-house engineering in the amount of \$33,222.79; and a 5% construction contract contingency in the amount of \$33,222.79 for a total project cost of \$744,913.38
13. Award Annual Contract for geotechnical/material testing professional engineering services from three (3) vendors: Geotex Engineering, LLC, Alliance Geotechnical and Team Consultants (up to \$525,000.00 annually). This contract will be for one year with the option to renew for four (4) additional one-year periods totaling \$2,625,000.00 if all extensions are exercised.
14. Ratification in support of the City of Grand Prairie's submission for a Safe Streets and Roads for All (SS4A) grant application to develop a Comprehensive Safety Action Plan. If chosen, the City would provide a 20% local match of \$70,000 toward the total \$350,000 project cost
15. Contract with Gresham Smith for the development of a Grand Prairie Bicycle Master Plan in the amount of \$300,000
16. Resolution authorizing the City Manager to enter into an Advance Funding Agreement (AFA) with the Texas Department of Transportation (TxDOT) for Highway Safety Improvement Projects (HSIP) to improve traffic signals and install flashing yellow arrows on SH 180 from Bagdad Road to MacArthur Boulevard, Jefferson Street from SH 161 to 14th Street, Robinson Road at Warrior Trail, and SS 303 from Great Southwest Parkway to East 14th Street

EXECUTIVE SESSION

The City Council Development Committee may conduct a closed session pursuant to Chapter 551, Subchapter D of the Government Code, V.T.C.A., to discuss any of the following:

- (1) *Section 551.071 "Consultation with Attorney"*
- (2) *Section 551.072 "Deliberation Regarding Real Property"*
- (3) *Section 551.074 "Personnel Matters"*
- (4) *Section 551.087 "Deliberations Regarding Economic Development Negotiations."*

CITIZEN COMMENTS

Citizens may speak during Citizen Comments for up to five minutes on any item not on the agenda by completing and submitting a speaker card. The views expressed during Citizen Comments are the views of the speaker, and not the City of Grand Prairie or City Council. Council Members are not able to respond to Citizen Comments under state law.

ADJOURNMENT

The Grand Prairie City Hall is accessible to people with disabilities. If you need assistance in participating in this meeting due to a disability as defined under the ADA, please call 972-237-8035 or email GPCitySecretary@gptx.org at least three (3) business days prior to the scheduled meeting to request an accommodation.

Certification

In accordance with Chapter 551, Subchapter C of the Government Code, V.T.C.A, the City Council Development Committee agenda was prepared and posted July 12, 2024.



Gloria Colvin, Deputy City Secretary



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/16/2024

PRESENTER: Noreen Housewright, Director of Engineering/Utility Services

TITLE: Land Use Assumptions (LUA), Capital Improvement Plan (CIP), Water and Wastewater Impact Fee Update

REVIEWING COMMITTEE:

PURPOSE OF REQUEST:

This presentation will provide an update of the water and wastewater impact fee process, detailing what they are, how they are calculated and updated, and discussion of the proposed changes.



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/16/2024

PRESENTER: Walter Shumac, Managing Director

TITLE: High Speed Rail Presentation

**REVIEWING
COMMITTEE:**



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/16/2024

PRESENTER: Mike Del Bosque, Chairman

TITLE: Minutes of the May 21, 2024 City Council Development Committee Meeting

REVIEWING COMMITTEE:



**CITY OF GRAND PRAIRIE
CITY COUNCIL DEVELOPMENT COMMITTEE
COUNCIL BRIEFING ROOM
TUESDAY, MAY 21, 2024 AT 3:30 PM**

MINUTES

CALL TO ORDER

Chairman Del Bosque called the meeting to order at 3:30 p.m.

PRESENT

*Chairman Mike Del Bosque
Mayor Pro Tem John Lopez
Council Member Jacquin Headen*

STAFF PRESENTATIONS

1. Discussion on Smoke Shop Text Amendment

Planning and Development Director Rashad Jackson and Senior Planner Abdul Ghous presented this item to the committee noting research and proposed definition and regulations on smoke shop text amendment requiring a Specific Use Permit approval prior to obtaining a Certificate of Occupancy permit. City Attorney Mel McGinnis presented a brief on the Senate Bill of the proposed Local Government Code related to this item and the required language to be included on the notice.

The committee thanked staff for their presentation.

CONSENT AGENDA

Chairman Del Bosque asked if there were any questions on Consent Agenda items two through nine. Mayor Pro Tem Lopez asked for additional clarification on agenda item three and Council Member Headen asked for additional clarification on agenda item six. Motion to approve agenda item two including motion to recommend approval to City Council of agenda items three through nine made by Mayor Pro Tem Lopez, seconded by Council Member Headen. The motion carried unanimously.

2. Minutes of the April 16, 2024 City Council Development Committee Meeting

Approved on Consent Agenda

3. Ratification of AEG Presents Productions, LLC Booking Agreement for \$135,000.00 for Main Street Fest Talent Booking Services

Approved on Consent Agenda

4. Contract for Personal Services with Highland Market Research, LLC in the amount not to exceed \$90,000 for administrative coordination, consulting, and proposal submission to the Texas Event Trust Program (ETF) and Major Event Reimbursement Program (MERP).

Authorize the City Manager to execute any additional renewal options with aggregate price fluctuations not to exceed \$50,000 within a one-year term, so long as sufficient funding is appropriated by the City Council to satisfy the City's obligation during the renewal terms

Approved on Consent Agenda

5. Grant license to Wal-Mart Real Estate Business Trust to allow construction of a redevelopment over City water line easements located at 2650 State highway 161 for a total fee of \$600.00

Approved on Consent Agenda

6. Contract Amendment #01 to professional engineering services contract with Halff Associates, Inc. in the amount of \$100,000.00 for the FY2024 Flood Study & Detention Review Assistance project

Approved on Consent Agenda

7. Professional service agreement with Kimley-Horn and Associates, Inc. to install Closed Circuit Television (CCTV) and arterial Dynamic Message Signs (DMS) along SH 161 frontages between IH 30 and W Pioneer Pkwy, and along W Jefferson St from NW 23rd St to SW 4th St in an amount not to exceed \$131,605

Approved on Consent Agenda

8. Purchase of Manhole Rehabilitation Services from Southern Trenchless Solutions for \$145,763.25 through a national cooperative agreement with BuyBoard

Approved on Consent Agenda

9. Resolution authorizing amendment #2 to the Interlocal Agreement (ILA) between the City of Grand Prairie and Tarrant County, Texas for assistance in the reconstruction of Jefferson Street from SW 23rd Street to Great Southwest Parkway. This amendment will revise the renewal period and the language of the original ILA

Approved on Consent Agenda

ITEMS FOR INDIVIDUAL CONSIDERATION

10. Award construction contract to Klutz Construction, LLC for the Dry Branch Channel Slope Reconstruction Project in the amount not to exceed \$672,774.00

Transportation and Mobility Director Caryl DeVries presented this item to the committee noting that due to severe buckling and cracking concrete in the Dry Branch Channel Slope, City Council, on September 21, 2021, approved the contract for Cobb, Fendley & Associates to provide professional engineering service for the Dry Branch Channel Slope Reconstruction Project that includes Design, Bidding, Construction, Topographic Survey and Boundary Survey/Temporary Construction Easement.

Motion to recommend approval of this agenda item to City Council made by Council Member Headen, seconded by Mayor Pro Tem Lopez. The motion carried unanimously.

11. Construction contract with McMahon Contracting LP for the Day Miar Road from Ragland Road to Prairie Waters project in the contract amount of \$2,152,245.00 for the base bid, a 5% construction contingency in the amount of \$107,612.25, materials testing with TEAM Consultants for \$36,356.70, and in-house engineering in the amount of \$107,612.25 for a total construction project cost of \$2,403,826.20

Director of Engineering/Utility Services Noreen Housewright presented this item to the committee noting This project was approved for funding as a part of the Street and Stormwater Drainage CIP Funds for FY2023/2024 during the yearly budget process. The paving and drainage improvements to a stretch of Day Miar Road, located south of Ragland Road and north of Prairie Waters Drive, was identified as a project to be completed this year. The design for this project was completed by Freese and Nichols, Inc. and was approved by the council on July 11th, 2023. In addition to designing the project, Freese and Nichols also assisted with the bidding process. The project was publicly advertised in accordance with state law. This project provides for the construction of a 3-lane concrete roadway with a 6-foot-wide sidewalk and ramp to be constructed along the west side of the road. The project also resides within a floodplain and thus requires a need for significant storm drainage infrastructure implementation, which includes a storm drainpipe system, box culvert and curb inlet installation.

Motion to recommend approval of this agenda item to City Council made by Mayor Pro Tem Lopez, seconded by Council Member Headen. The motion carried unanimously.

12. Professional engineering services contract with Freese and Nichols, Inc. in the maximum amount of \$773,135.00 for the design of a 16” and 20” Water Line from Miller Road to Delivery Point A at US Highway 287.

Ms. Housewright presented this item to the committee noting this contract will provide professional engineering services for the design of a 16-inch and 20-inch water line from Miller Road to Delivery Point A located at US Highway 287. This design would provide a secondary connection to the designated Industrial Park from an existing Midlothian delivery point in the southern section of Grand Prairie. The services would include preliminary engineering, preparation of civil construction plans and project specifications, preparation of Opinions on Probable Construction Cost (OPCC), construction administration, easement acquisition assistance and topographic boundary surveying. The project also provides for the vendor to implement subsurface utility engineering, geotechnical materials investigation and resident project representation (RPR). Upon approval, design is expected to begin Summer 2024 and conclude in Winter 2024, with construction of the project currently estimated to complete in January 2026. Freese and Nichols, Inc. was selected for this project due to their extensive experience as they are the design engineer for the Water Master Plan. The construction of the waterline must be completed in a short timeline. Freese and Nichols, Inc has the depth in the company to deliver the design as needed.

Motion to recommend approval of this agenda item to City Council made by Council Member Headen, seconded by Mayor Pro Tem Lopez. The motion carried unanimously.

13. Purchase of Lakeridge Liftstation Cleaning and Rehabilitation Services from National Water Main Cleaning for \$591,613.85 through a national cooperative agreement with BuyBoard

Ms. Housewright presented this item to the committee noting Utilities Services is requesting the purchase of cleaning and rehabilitation services for the Lakeridge Liftstation. The existing epoxy lining at the liftstation is peeling off the walls, which is causing issues with the pumps not working properly. The continuation of lining peeling can lead to long-term damage of the liftstation as well as rain infiltration if not addressed properly. The new lining will use Warren Environmental 100% Solids Epoxy Coating, which is a Grand Prairie approved product.

Motion to recommend approval of this agenda item to City Council made by Mayor Pro Tem Lopez, seconded by Council Member Headen. The motion carried unanimously.

14. Annual Contract for Ready Mix Concrete from Rembert Concrete & Construction up to \$1,021,000.00 annually. This contract will be for one year with the option to renew for four additional one-year periods totaling up to \$5,105,000.00 if all extensions are exercised. Award secondary to Legacy Ready Mix up to \$1,050,000.00 annually with the option to renew for four additional one-year periods totaling up to \$5,250,000.00 to be used only if the primary is unable to fulfill the needs of the city

Ms. DeVries presented this item to the committee noting this contract will be utilized to purchase ready mix concrete for street pavement repairs and improvements. Primary award is to Rembert Concrete and Construction with up to four additional one-year renewal periods totaling up to \$5,105,000 if all extensions are exercised. Secondary award is to Legacy Ready Mix with up to four additional one-year renewal periods totaling up to \$5,250,000 if all extensions are exercised and is to be used only if the primary contractor is unable to fulfill the needs of the city.

Chairman Del Bosque asked if only two vendors responded to the bid notice. Deputy City Manager Mahan answered in the affirmative noting this is a unit-based price contract.

Motion to recommend approval of this agenda item to City Council made by Council Member Headen, seconded by Mayor Pro Tem Lopez. The motion carried unanimously.

15. Construction contract with Florida Traffic Control Devices to furnish and install two traffic signals for the intersections of Arlington Webb Britton Road at England Parkway, and Bardin Road at Sgt. Greg L. Hunter Lane in the amount of \$1,240,958.98

Ms. DeVries presented this item to the committee noting this agreement is to furnish and install two traffic signals for the intersections of Arlington Webb Britton Road at England Parkway, and Bardin Road at Sgt. Greg L. Hunter Lane.

Council Member Headen inquired on the lead time of the steel. Ms. DeVries said possibly about 18 weeks. Chairman Del Bosque asked if the signage will be illuminated. Ms. DeVries said it would not. Mayor Pro Tem Lopez asked if cameras would be installed at this location. Ms. DeVries answered in the affirmative.

Motion to recommend approval of this agenda item to City Council made by Council Member Headen, seconded by Mayor Pro Tem Lopez. The motion carried unanimously.

EXECUTIVE SESSION

There was no executive session held.

CITIZEN COMMENTS

There were no citizen comments.

ADJOURNMENT

Chairman Del Bosque adjourned the meeting at 4:03 p.m.

Mike Del Bosque, Chairman



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/16/2024

PRESENTER: Caryl DeVries, P.E., PTOE, Director of Transportation and Mobility

TITLE: Reject all bids from RFB #23003 for IH 30 and RFB# 23004 for SH 180 Closed-Circuit Television (CCTV) & Dynamic Message Signs (DMS) construction that were jointly bid

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

PURPOSE OF REQUEST:

Notice of bids #23003 and #23004 was jointly advertised in the Forth Worth Star-Telegram, Planet Bids, and CivCast. The bids were distributed to 110 vendors, including 52 HUBs and one Grand Prairie vendor. Two bids were received, as shown in attachment A.

The department is rejecting all bids received as part of RFB #23003 and #23004 because bids came back higher than the projected construction costs. The Transportation Department has gone back to the North Central Texas Council of Governments (NCTCOG) to increase Federal and State construction funding to cover the rise in costs. This required that the project and all funding agreements go through a new cycle with the NCTCOG committees, followed by City Council approval of the updated funding agreements. The updated Advanced Funding Agreements were approved by the City Council on April 2, 2024, and the projects will again be bid for construction.

City of Grand Prairie

Bid Results for Project IH-30 CCTV & DMS and SH-180 CCTV & DMS (23003 & 23004)

Issued on 01/04/2023

Bid Due on January 26, 2023 5:00 PM (CST)

Exported on 02/21/2023

ATTACHMENT A

Line Totals (Unit Price * Quantity)

Item Num	Section	Item Code	Description	Model Num	Unit of Measure	Quantity	Florida Traffic Control Devices, Inc. - Unit Price	Florida Traffic Control Devices, Inc. - Line Total	MICA Corporation - Unit Price	MICA Corporation - Line Total
1	IH-30 CCTV-DMS	6004	DRILL SHAFT (36 IN)	416	LF	13	\$352.47	\$4,582.11	\$677.00	\$8,801.00
2	IH-30 CCTV-DMS	6005	DRILL SHAFT (42 IN)	416	LF	48	\$392.69	\$18,849.12	\$555.00	\$26,640.00
3	IH-30 CCTV-DMS	6045	RIPRAP (MOW STRIP)(4 IN)	432	CY	4.75	\$1,585.71	\$7,532.12	\$1,440.00	\$6,840.00
4	IH-30 CCTV-DMS	6001	MOBILIZATION	500	LS	1	\$45,934.23	\$45,934.23	\$76,150.00	\$76,150.00
5	IH-30 CCTV-DMS	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	502	MO	6	\$4,965.41	\$29,792.46	\$12,820.00	\$76,920.00
6	IH-30 CCTV-DMS	6041	BIODEG EROSN CONT LOGS (INSTL) (12")	506	LF	120	\$9.83	\$1,179.60	\$15.00	\$1,800.00
7	IH-30 CCTV-DMS	6043	BIODEG EROSN CONT LOGS (REMOVE)	506	LF	120	\$1.64	\$196.80	\$10.00	\$1,200.00
8	IH-30 CCTV-DMS	6002	MTL W-BEAM GD FEN (STEEL POST)	540	LF	110	\$35.40	\$3,894.00	\$30.00	\$3,300.00
9	IH-30 CCTV-DMS	6016	DOWNSTREAM ANCHOR TERMINAL SECTION	540	EA	1	\$1,532.92	\$1,532.92	\$1,150.00	\$1,150.00
10	IH-30 CCTV-DMS	6001	GUARDRAIL END TREATMENT (INSTALL)	544	EA	1	\$3,469.66	\$3,469.66	\$3,080.00	\$3,080.00
11	IH-30 CCTV-DMS	6023	CONDT (PVC) (SCH 40) (2")	618	LF	785	\$16.65	\$13,070.25	\$22.05	\$17,309.25
12	IH-30 CCTV-DMS	6024	CONDT (PVC) (SCH 40) (2") (BORE)	618	LF	90	\$25.31	\$2,277.90	\$40.05	\$3,604.50
13	IH-30 CCTV-DMS	6029	CONDT (PVC) (SCH 40) (3")	618	LF	490	\$20.07	\$9,834.30	\$30.10	\$14,749.00
14	IH-30 CCTV-DMS	6030	CONDT (PVC) (SCH 40) (3") (BORE)	618	LF	140	\$28.73	\$4,022.20	\$36.95	\$5,173.00
15	IH-30 CCTV-DMS	6011	ELEC CONDR (NO.4) BARE	620	LF	370	\$2.20	\$814.00	\$3.10	\$1,147.00
16	IH-30 CCTV-DMS	6012	ELEC CONDR (NO.4) INSULATED	620	LF	1110	\$2.55	\$2,830.50	\$3.35	\$3,718.50
17	IH-30 CCTV-DMS	6015	ELEC CONDR (NO.2) BARE	620	LF	570	\$3.17	\$1,806.90	\$3.90	\$2,223.00
18	IH-30 CCTV-DMS	6016	ELEC CONDR (NO.2) INSULATED	620	LF	1710	\$3.84	\$6,566.40	\$4.25	\$7,267.50
19	IH-30 CCTV-DMS	6002	GROUND BOX TY A (122311)W/APRON	624	EA	7	\$1,044.53	\$7,311.71	\$1,545.00	\$10,815.00
20	IH-30 CCTV-DMS	6175	ELC SRV TY D 120/240 070(NS)GS(N)SP(U)	628	EA	4	\$4,517.12	\$18,068.48	\$6,415.00	\$25,660.00
21	IH-30 CCTV-DMS	6018	INS OH SN SUP(20 FT CANT)	650	EA	1	\$29,076.93	\$29,076.93	\$23,085.00	\$23,085.00
22	IH-30 CCTV-DMS	6025	INS OH SN SUP(25 FT CANT)	650	EA	3	\$29,539.33	\$88,617.99	\$25,260.00	\$75,780.00
23	IH-30 CCTV-DMS	6015	INSTL DEL ASSM (D-SW)SZ (BRF)GF1	658	EA	3	\$47.13	\$141.39	\$50.00	\$150.00
24	IH-30 CCTV-DMS	6011	FIBER OPTIC CBL (SNGLE-MODE)(12 FIBER)	6007	LF	1125	\$10.09	\$11,351.25	\$10.05	\$11,306.25
25	IH-30 CCTV-DMS	6096	FIBER OPTIC PATCH PANEL (12 POSITION)	6007	EA	2	\$454.39	\$908.78	\$1,365.00	\$2,730.00
26	IH-30 CCTV-DMS	6004	CCTV MOUNT (POLE)	6010	EA	2	\$550.87	\$1,101.74	\$1,480.00	\$2,960.00
27	IH-30 CCTV-DMS	6011	CCTV FIELD EQUIP (DIGITAL) (INSTL ONLY)	6010	EA	2	\$2,782.26	\$5,564.52	\$4,015.00	\$8,030.00
28	IH-30 CCTV-DMS	6003	CONDUIT (PREPARE)	6027	LF	1405	\$12.45	\$17,492.25	\$2.60	\$3,653.00
29	IH-30 CCTV-DMS	6008	GROUND BOX (PREPARE)	6027	EA	8	\$246.44	\$1,971.52	\$585.00	\$4,680.00
30	IH-30 CCTV-DMS	6041	ITS RADIO (INSTALL ONLY)	6062	EA	3	\$1,332.65	\$3,997.95	\$3,915.00	\$11,745.00
31	IH-30 CCTV-DMS	6002	TMA (STATIONARY)	6185	DAY	10	\$255.08	\$2,550.80	\$230.00	\$2,300.00
32	IH-30 CCTV-DMS	6016	ITS GND BOX (POLY) TY 1 (243636) W/APRN	6186	EA	3	\$4,011.63	\$12,034.89	\$4,840.00	\$14,520.00
33	IH-30 CCTV-DMS	6001	LED DMS (POLE MNT CABINET)	GP001	EA	4	\$79,350.17	\$317,400.68	\$77,205.00	\$308,820.00
34	IH-30 CCTV-DMS	0	ETHERNET SWITCH (INSTALL ONLY)	GP002	EA	4	\$501.86	\$2,007.44	\$1,950.00	\$7,800.00
BID#23003							Subtotal	\$677,783.79		\$775,107.00

City of Grand Prairie

Bid Results for Project IH-30 CCTV & DMS and SH-180 CCTV & DMS (23003 & 23004)

Issued on 01/04/2023

Bid Due on January 26, 2023 5:00 PM (CST)

Exported on 02/21/2023

ATTACHMENT A

Line Totals (Unit Price * Quantity)

35	SH180 CCTV DMS	6004	DRILL SHAFT (36 IN)	416	LF	12	\$355.53	\$4,266.36	\$451.00	\$5,412.00
36	SH180 CCTV DMS	6005	DRILL SHAFT (42 IN)	416	LF	100	\$578.65	\$57,865.00	\$604.00	\$60,400.00
37	SH180 CCTV DMS	6045	RIPRAP (MOW STRIP)(4 IN)	432	CY	7.7	\$1,585.71	\$12,209.97	\$980.00	\$7,546.00
38	SH180 CCTV DMS	6001	MOBILIZATION	500	CY	1	\$47,265.74	\$47,265.74	\$106,750.00	\$106,750.00
39	SH180 CCTV DMS	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	502	LS	6	\$5,021.09	\$30,126.54	\$16,890.00	\$101,340.00
40	SH180 CCTV DMS	6041	BIODEG EROSN CONT LOGS (INSTL) (12")	506	MO	160	\$9.83	\$1,572.80	\$13.00	\$2,080.00
41	SH180 CCTV DMS	6043	BIODEG EROSN CONT LOGS (REMOVE)	506	EA	160	\$1.64	\$262.40	\$7.50	\$1,200.00
42	SH180 CCTV DMS	6002	MTL W-BEAM GD FEN (STEEL POST)	540	LF	125	\$35.40	\$4,425.00	\$30.00	\$3,750.00
43	SH180 CCTV DMS	6016	DOWNSTREAM ANCHOR TERMINAL SECTION	540	LF	1	\$1,532.92	\$1,532.92	\$1,150.00	\$1,150.00
44	SH180 CCTV DMS	6001	GUARDRAIL END TREATMENT (INSTALL)	544	LF	1	\$3,469.66	\$3,469.66	\$3,080.00	\$3,080.00
45	SH180 CCTV DMS	6023	CONDT (PVC) (SCH 40) (2")	618	LF	445	\$16.71	\$7,435.95	\$25.40	\$11,303.00
46	SH180 CCTV DMS	6024	CONDT (PVC) (SCH 40) (2") (BORE)	618	LF	550	\$24.78	\$13,629.00	\$44.35	\$24,392.50
47	SH180 CCTV DMS	6029	CONDT (PVC) (SCH 40) (3")	618	EA	145	\$20.50	\$2,972.50	\$21.95	\$3,182.75
48	SH180 CCTV DMS	6030	CONDT (PVC) (SCH 40) (3") (BORE)	618	EA	685	\$28.23	\$19,337.55	\$35.90	\$24,591.50
49	SH180 CCTV DMS	6011	ELEC CONDR (NO.4) BARE	620	LF	880	\$2.20	\$1,936.00	\$3.10	\$2,728.00
50	SH180 CCTV DMS	6012	ELEC CONDR (NO.4) INSULATED	620	LF	2615	\$2.55	\$6,668.25	\$3.35	\$8,760.25
51	SH180 CCTV DMS	6002	GROUND BOX TY A (122311)W/APRON	624	LF	10	\$1,044.53	\$10,445.30	\$1,545.00	\$15,450.00
52	SH180 CCTV DMS	6175	ELC SRV TY D 120/240 070(NS)GS(N)SP(U)	628	LF	5	\$4,510.69	\$22,553.45	\$6,650.00	\$33,250.00
53	SH180 CCTV DMS	6025	INS OH SN SUP(25 FT CANT)	650	LF	3	\$30,695.32	\$92,085.96	\$25,260.00	\$75,780.00
54	SH180 CCTV DMS	6032	INS OH SN SUP(30 FT CANT)	650	LF	2	\$34,124.56	\$68,249.12	\$28,360.00	\$56,720.00
55	SH180 CCTV DMS	6015	INSTL DEL ASSM (D-SW)SZ (BRF)GF1	658	LF	3	\$47.13	\$141.39	\$50.00	\$150.00
56	SH180 CCTV DMS	6011	FIBER OPTIC CBL (SNGLE-MODE)(12 FIBER)	6007	LF	3260	\$10.06	\$32,795.60	\$8.45	\$27,547.00
57	SH180 CCTV DMS	6087	FO SPLICE ENCLOSURE (TYPE 1)	6007	EA	2	\$357.55	\$715.10	\$1,935.00	\$3,870.00
58	SH180 CCTV DMS	6094	FIBER OPTIC FUSION SPLICE	6007	EA	8	\$302.62	\$2,420.96	\$115.00	\$920.00
59	SH180 CCTV DMS	6096	FIBER OPTIC PATCH PANEL (12 POSITION)	6007	EA	6	\$454.39	\$2,726.34	\$1,325.00	\$7,950.00
60	SH180 CCTV DMS	6004	CCTV MOUNT (POLE)	6010	EA	3	\$550.87	\$1,652.61	\$1,410.00	\$4,230.00
61	SH180 CCTV DMS	6005	CCTV MOUNT (POST)	6010	EA	1	\$550.87	\$550.87	\$1,450.00	\$1,450.00
62	SH180 CCTV DMS	6011	CCTV FIELD EQUIP (DIGITAL) (INSTL ONLY)	6010	LF	4	\$2,764.63	\$11,058.52	\$2,870.00	\$11,480.00
63	SH180 CCTV DMS	6003	CONDUIT (PREPARE)	6027	EA	2630	\$12.45	\$32,743.50	\$2.55	\$6,706.50
64	SH180 CCTV DMS	6008	GROUND BOX (PREPARE)	6027	EA	17	\$246.44	\$4,189.48	\$585.00	\$9,945.00
65	SH180 CCTV DMS	6041	ITS RADIO (INSTALL ONLY)	6062	EA	2	\$1,332.65	\$2,665.30	\$4,210.00	\$8,420.00
66	SH180 CCTV DMS	6001	ITS POLE (20 FT)(90 MPH)	6064	EA	1	\$10,173.72	\$10,173.72	\$10,130.00	\$10,130.00
67	SH180 CCTV DMS	6084	ITS POLE MNT CAB (TY 2)(CONF 2)	6064	LF	1	\$6,250.68	\$6,250.68	\$6,170.00	\$6,170.00
68	SH180 CCTV DMS	6001	ETHERNET/FIBER MEDIA CONV (SM)	6183	EA	2	\$960.54	\$1,921.08	\$2,820.00	\$5,640.00
69	SH180 CCTV DMS	6002	TMA (STATIONARY)	6185	DAY	14	\$255.08	\$3,571.12	\$230.00	\$3,220.00
70	SH180 CCTV DMS	6016	ITS GND BOX (POLY) TY 1 (243636) W/APRN	6186	EA	5	\$4,011.63	\$20,058.15	\$4,840.00	\$24,200.00
71	SH180 CCTV DMS	6001	LED DMS (POLE MNT CABINET)	GP001	EA	5	\$79,350.17	\$396,750.85	\$77,370.00	\$386,850.00
72	SH180 CCTV DMS	0	ETHERNET SWITCH (INSTALL ONLY)	GP002	EA	6	\$501.86	\$3,011.16	\$1,865.00	\$11,190.00

BID#23004							Subtotal	\$941,705.90	\$1,078,934.50
							TOTAL	\$1,619,489.69	\$1,854,041.50



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/16/2024

PRESENTER: Noreen Housewright, Director of Engineering/Utility Services

TITLE: Ratification of an expenditure for an emergency wastewater line repair at Roy Orr Blvd. and W. Trinity Blvd. in the total amount of \$69,317.00 using the existing Annual Water/Wastewater Repair and Replacement Services Agreement with North Texas Contracting, Inc.

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

<u>Vendor Name</u>	<u>Annual Cost</u>	<u>Total Cost</u>
North Texas Contracting, Inc.		\$69,317.00

PURPOSE OF REQUEST:

City staff identified a wastewater backup at the Roy Orr Blvd and W. Trinity Blvd intersection originating from a manhole. Upon analysis, City staff determined the manhole was not the cause of the backup. City staff then televised the wastewater line and discovered it had collapsed at a depth of 18 feet, which is beyond the 10 feet capacity of City staff. Therefore, North Texas Contracting was contracted to complete this repair.

Local Government Code Chapter 252 allows for an exemption from the bid process for procurement necessary because of unforeseen damage to public machinery, equipment, or other property.

The City has an existing Annual Water/Wastewater Repair and Replacement Services Agreement with North Texas Contracting, Inc. Due to the critical nature of this emergency, we requested and were approved to waive the normal bidding procedures and had the work performed through the City’s existing Agreement with North Texas Contracting, Inc., in the amount of \$69,317.00.

Exigency purchases are exempt from bidding requirements as stated in Section 252.022 of the Local Government Code. State law clarifies exigency as a procurement necessary to preserve or protect the public health or safety of the municipality’s residents.

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Wastewater CIP Fund
-----------	-------------------------------------	------------	---------------------

ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Invoice

APPLICATION AND CERTIFICATE FOR PAYMENT

AIA DOCUMENT G702

PAGE 1 of 1

TO: City of Grand Prairie
620 Small Hill Drive
Grand Prairie, TX 75050

PROJECT: Roy Orr Emergency Sewer Repair
CONTRACT FOR: Site Utilities

APPLICATION NO: 1
PERIOD FROM: 5/1/2024
TO: 5/31/2024

Distribution to:

FROM: North Texas Contracting Inc.
4999 Keller Haslet Rd. P.O. 468
Keller, TX, 76248

VIA ARCHITECT: N/A

CONTRACT: Site Utilities
CONTRACT DATE: 5/21/2024

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by Owner			
TOTAL			
Approved this Month			
Number	Date Approved		
0		\$0.00	
TOTALS			
Net change by Change Orders		\$0.00	\$0.00

1.	ORIGINAL CONTRACT SUM.....	\$	69,317.00
2.	Net change by Change Orders.....	\$	-
3.	CONTRACT SUM TO DATE (Line 1 +/- 2).....	\$	69,317.00
4.	TOTAL COMPLETED & STORED TO DATE.....	\$	69,317.00
	(Column G on G703)			
5.	RETAINAGE			
a.	Completed Work retainage held 0%		\$	-
	(Column D +E on G703)			
b.	Stored Materials retainage held 0%	\$ -	\$	-
	(Column F on G703)			
	Total Retainage (Line 5a + 5b or		\$	-
	Total in Column I of G703			
6.	TOTAL EARNED LESS RETAINAGE.....	\$	69,317.00
	(Line 4 less Line 5 Total)			
7.	LESS PREVIOUS CERTIFICATES FOR		\$	-
	PAYMENT (Line 6 from prior Certificate)			
8.	CURRENT PAYMENT DUE.....		\$	69,317.00
9.	BALANCE TO FINISH, PLUS RETAINAGE		\$	-
	(Line 3 less Line 6)			

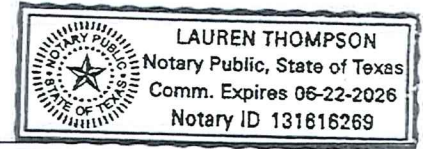
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: North Texas Contracting Inc.

State of: TEXAS County of: Tarrant
Subscribed and sworn to before me this 3rd day of June, 2024.

By: [Signature] 6/3/2024
Date

[Signature] 06-22-2024
Notary Republic: My Commission expires:



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED..... \$ -
(Attach explanation if amount certified differs from the amount applied for.)
ARCHITECT:

By: _____ Date: _____
This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Inspected and Approved for Payment.

By: Addicus Hughes
Sign: A. Hughes
Date: 6-4-24



CITY OF GRAND PRAIRIE - ROY ORR EMERGENCY SEWER REPAIR

PAY APP #001 - MAY 2024

LABOR BREAKDOWNS DESCRIPTION	REGULAR HOURS	REGULAR RATES	OT HOURS	OT RATES	TOTAL AMOUNT
SUPERINTENDENT	16.0	\$ 65.00	14.0	\$ 97.50	\$ 2,405.00
PIPE CREW FOREMAN	16.0	\$ 56.00	14.0	\$ 84.00	\$ 2,072.00
TRACK HOE OPERATOR	16.0	\$ 29.50	14.0	\$ 44.25	\$ 1,091.50
LOADER OPERATOR	16.0	\$ 28.50	14.0	\$ 42.75	\$ 1,054.50
PIPE LAYER - SKILLED	16.0	\$ 27.00	14.0	\$ 40.50	\$ 999.00
PIPE LAYER HELPER - SKILLED	16.0	\$ 26.00	14.0	\$ 39.00	\$ 962.00
LABORER - SEMI SKILLED	16.0	\$ 25.50	14.0	\$ 38.25	\$ 943.50
LABORER - SEMI SKILLED	16.0	\$ 24.50	14.0	\$ 36.75	\$ 906.50
LABORER - SEMI SKILLED	16.0	\$ 24.50	14.0	\$ 36.75	\$ 906.50
TRUCK DRIVER - HAUL TRUCK	16.0	\$ 31.00	10.0	\$ 46.50	\$ 961.00
TRUCK DRIVER - TANDEM	16.0	\$ 31.00	0.0	\$ 46.50	\$ 496.00
TRUCK DRIVER - FUEL TRUCK	4.0	\$ 31.00	0.0	\$ 46.50	\$ 124.00
LABOR SUBTOTAL					\$ 12,921.50

EQUIPMENT (SEE ATTACHED BLUE BOOK RATES) DESCRIPTION	UNIT	REGULAR HOURS	REGULAR RATES	TOTAL AMOUNT
FOREMAN / SUPT / PE TRUCK / VEHICLE	HR	60.0	\$ 27.03	\$ 1,621.80
FUEL TRUCK (2HR/DAY)	HR	4.0	\$ 97.73	\$ 390.92
HAUL TRUCK W/ LOW BOY TRAILER	HR	26.0	\$ 128.39	\$ 3,338.14
TANDEM DUMP TRUCK	HR	16.0	\$ 94.74	\$ 1,515.84
KOMATSU 490 EXCAVATOR	HR	30.0	\$ 266.30	\$ 7,989.00
KOMATSU WHEEL LOADER	HR	30.0	\$ 86.54	\$ 2,596.20
33" COMPACTOR	HR	30.0	\$ 133.72	\$ 4,011.60
LIGHT TOWER	HR	30.0	\$ 9.80	\$ 294.00
AIR COMPRESSOR	HR	30.0	\$ 39.83	\$ 1,194.90
3" TRASH / WATER PUMP	HR	30.0	\$ 36.29	\$ 1,088.70
SHORING W/ ROAD PLATES	LS	1.0	\$ 10,000.00	\$ 10,000.00
SMALL TOOLS	DAY	2.0	\$ 200.00	\$ 400.00
EQUIPMENT SUBTOTAL				\$ 34,441.10

MATERIALS / MISCELL DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
FERGUSON (PIPE MATERIALS)	LS	1	\$ 1,148.45	\$ 1,148.45
UTILITY ROCK	TON	54	\$ 39.50	\$ 2,133.00
MAXIMIZER CONCRETE	BAG	25	\$ 17.25	\$ 431.25
MATERIAL SUBTOTAL				\$ 3,712.70

SUBCONTRACTORS DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
N/A	LS		\$ -	\$ -
SUBCONTRACT SUBTOTAL				\$ -

TOTALS & MARK UP SUMMARY	QUANTITY	UNIT OF MEASURE	UNIT PRICE	TOTAL AMOUNT
BARE LABOR COST	1	LS	\$ 12,921.50	\$ 12,921.50
LABOR BURDENS	43%	PCT	\$ 12,921.50	\$ 5,556.25
LABOR MARKUP	20%	PCT	\$ 18,477.75	\$ 3,695.55
EQUIPMENT SUBTOTAL	1	LS	\$ 34,441.10	\$ 34,441.10
EQUIPMENT MARKUP	20%	PCT	\$ 34,441.10	\$ 6,888.22
MATERIALS SUBTOTAL	1	LS	\$ 3,712.70	\$ 3,712.70
MATERIALS MARKUP	20%	PCT	\$ 3,712.70	\$ 742.54
SUBCONTRACTOR SUBTOTAL	1	LS	\$ -	\$ -
SUBCONTRACTOR MARKUP	10%	PCT	\$ -	\$ -
BOND	2%	PCT	\$ 67,957.85	\$ 1,359.16
COST TOTAL				\$ 69,317.01
COST TOTAL, ROUNDED				\$ 69,317.00

Inspected and Approved for Payment

By: Addicus Hughes
 Sign: A. Hughes
 Date: 6-4-24



CITY OF GRAND PRAIRIE COMMUNICATION

MEETING DATE: 07/16/2024
PRESENTER: Noreen Housewright, Director of Engineering/Utility Services
TITLE: Grant license to Grand Prairie Residences, LLC to allow construction of a retaining wall over a City stormwater line easement located at 3900 S. Robinson Road for a total fee of \$600.00 and authorizing the City Manager to execute an Agreement for the same
REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

Table with 2 columns: Vendor Name, Total Cost. Row 1: Grand Prairie Residences, LLC, \$600.00

PURPOSE OF REQUEST:

The applicant, Grand Prairie Residences, LLC, has requested a license agreement to construct a retaining wall over a portion of a proposed underground stormwater easement and facilities to be constructed at 3900 S. Robinson Road (see metes and bounds description and survey plat as Exhibit "A").

The proposed underground stormwater easement will be dedicated by the final plat for this development, Pivotal Grand Prairie Mutlifamily, and recorded in the Real Property Records of Dallas County, Texas. This license agreement is located on a portion of the proposed underground stormwater easement, being a part of an approximate 37.42-acre tract of land in the Stephen B. McCommas Survey, Abstract No. 888, and also being a part of Lots 1 and 2, Block A of the proposed IH20-Robinson NWC Addition, a subdivision to be recorded in the Real Property Records of Dallas County, Texas (see aerial Exhibit "B" for location). This license agreement on the proposed stormwater easement will allow the applicant to construct a portion of a retaining wall related to the redevelopment plans for this site.

Staff has reviewed the requested license agreement and finds that the license will not hinder stormwater services in the area. Therefore, staff is recommending approval of the license agreement, with the conditions set forth in the agreement, authorizing the license and use of a portion of the proposed stormwater easement containing 176 square feet. Staff is requesting authorization for the City Manager or his designated representative to sign all related documents for the easement license.

The grant of this license shall be contingent upon Grand Prairie City Council approval and the filing of the final plat of the Easement with Dallas County, Texas.

ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Exhibit A – Legal Description & Survey Plat
- 2- Exhibit B – Site Location Map

METES AND BOUNDS DESCRIPTION
176 SQUARE FEET OR 0.0040 ACRE PARCEL
PART OF LICENSE AGREEMENT
ARTEMIS ROBINSON LAND HOLDINGS, LLC. PROPERTY
S.B. MCCOMMAS SURVEY, ABSTRACT NO. 888,
CITY OF GRAND PRAIRIE, DALLAS COUNTY, TEXAS

BEING ALL THAT CERTAIN TRACT OR PARCEL OF LAND SITUATED IN THE S. B. MCCOMMAS SURVEY, ABSTRACT NO. 888, CITY OF GRAND PRAIRIE, DALLAS COUNTY, TEXAS, SAID TRACT BEING THE NORTHEAST CORNER OF A 16.6687 ACRE TRACT OF LAND DESCRIBED IN DEED TO ARTEMIS ROBINSON LAND HOLDINGS, LLC IN INSTRUMENT NUMBER 202100103006 OF THE DEED RECORDS, DALLAS COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

COMMENCING AT A 5/8" IRON ROD FOUND IN THE WEST RIGHT-OF-WAY LINE OF ROBINSON ROAD (VARIABLE WIDTH RIGHT-OF-WAY), SAID POINT ALSO BEING THE NORTHEAST CORNER OF SAID 16.6687 ACRE ARTMEIS ROBINSON LAND HOLDINGS TRACT;

THENCE SOUTH 01° 09' 01" WEST CROSSING OVER SAID 16.6687 ACRE ARTEMIS TRACT, FOR A DISTANCE OF 466.79 FEET TO THE POINT OF BEGINNING, SAID POINT OF BEGINNING ALSO BEING NORTH 49° 48' 07" WEST AT A DISTANCE OF 654.44 FEET FROM THE SOUTHEAST CORNER OF SAID 16.6687 ACRE ARTMEIS ROBINSON LAND HOLDINGS TRACT;

THENCE SOUTH 01° 09' 34" EAST FOR A DISTANCE OF 11.74 FEET TO A POINT FOR CORNER;

THENCE SOUTH 57° 16' 49" WEST FOR A DISTANCE OF 17.60 FEET TO A POINT FOR CORNER;

THENCE NORTH 01° 09' 34" WEST FOR A DISTANCE OF 11.74 FEET TO A POINT FOR CORNER;

THENCE NORTH 57° 16' 49" EAST FOR A DISTANCE OF 17.60 FEET TO THE POINT OF BEGINNING, AND CONTAINING 0.0040 ACRES OF LAND, MORE OR LESS.

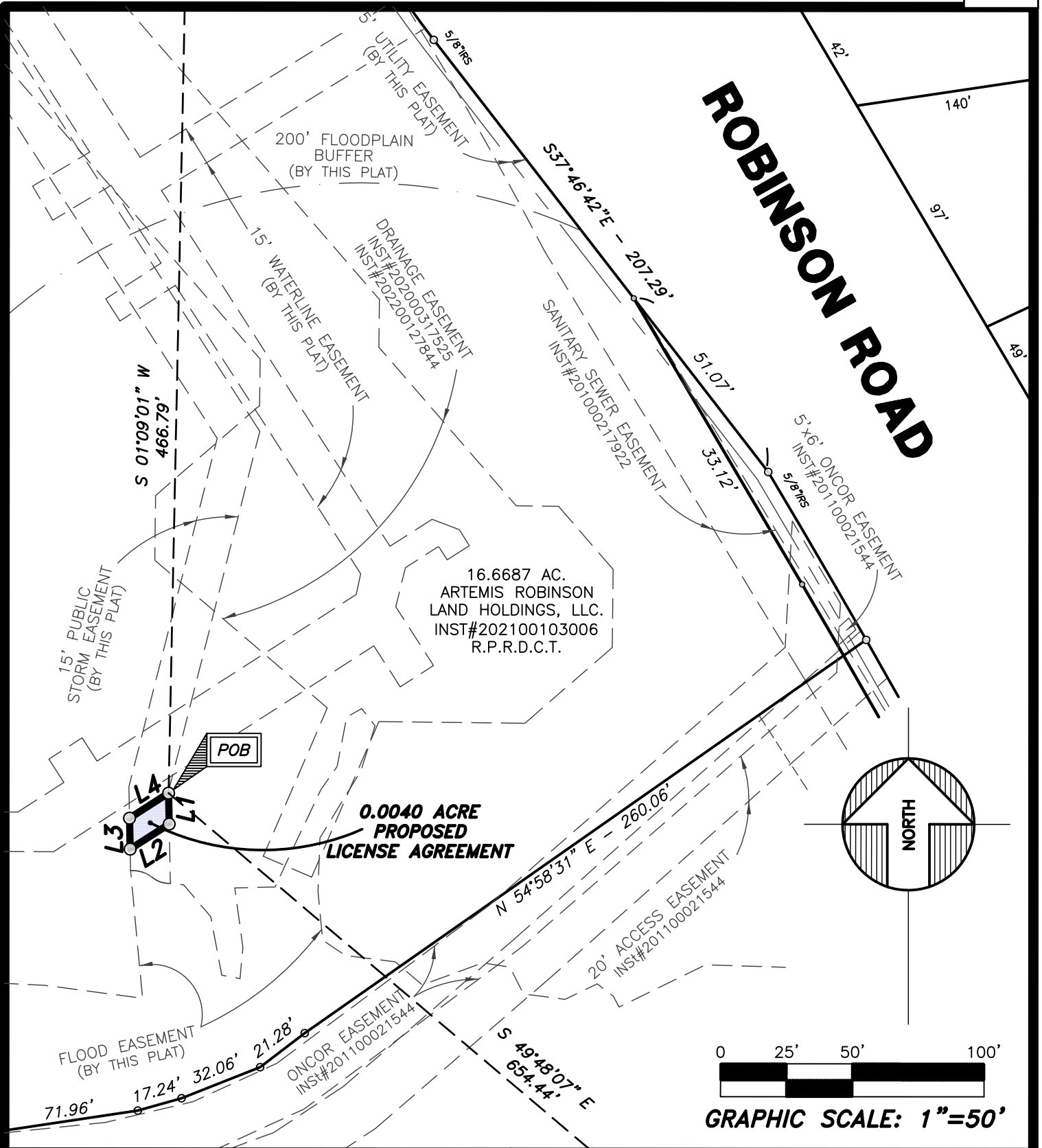


BLUE SKY SURVEYING
 & MAPPING, CORPORATION
 11015 MIDWAY ROAD
 DALLAS, TEXAS 75229
 PHONE: (214) 358-4500
 FAX: (214) 358-4600
 DRPETREE@BLUESKYSURVEYING.COM
 TBPLS REGISTRATION No. 10105700

0.0040 ACRE PARCEL
LICENSE AGREEMENT
WILLIAM E. CAMPBELL, JR.
ARTEMIS ROBINSON LAND HOLDINGS, LLC. PROPERTY
S.B. MCCOMMAS SURVEY - ABSTRACT NO. 888
CITY OF GRAND PRAIRIE, DALLAS COUNTY, TEXAS

DATE: MAY 31, 2024
 SCALE: 1"=50"

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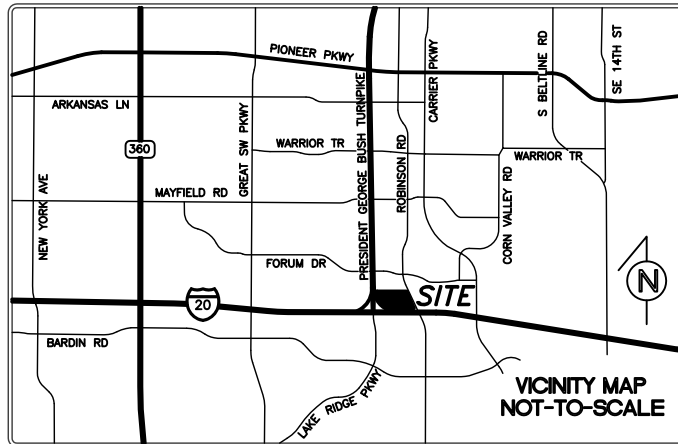


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11015 MIDWAY ROAD
DALLAS, TEXAS 75229
PHONE: (214) 358-4500
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DRPETREE@BLUESKYSURVEYING.COM
TBPLS REGISTRATION No. 10105700

0.0040 ACRE PARCEL
LICENSE AGREEMENT
WILLIAM E. CAMPBELL, JR.
ARTEMIS ROBINSON LAND HOLDINGS, LLC. PROPERTY
S.B. McCOMMAS SURVEY - ABSTRACT NO. 888
CITY OF GRAND PRAIRIE, DALLAS COUNTY, TEXAS

DATE: MAY 31, 2024
SCALE: 1"=50"

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~ LINE TABLE ~

NO.	BEARING	DISTANCE
L1	S 01°09'34" E	11.74'
L2	S 57°16'49" W	17.60'
L2	N 01°09'34" W	11.74'
L2	N 57°16'49" E	17.60'

LEGEND
 POC - POINT OF COMMENCING
 POB - POINT OF BEGINNING



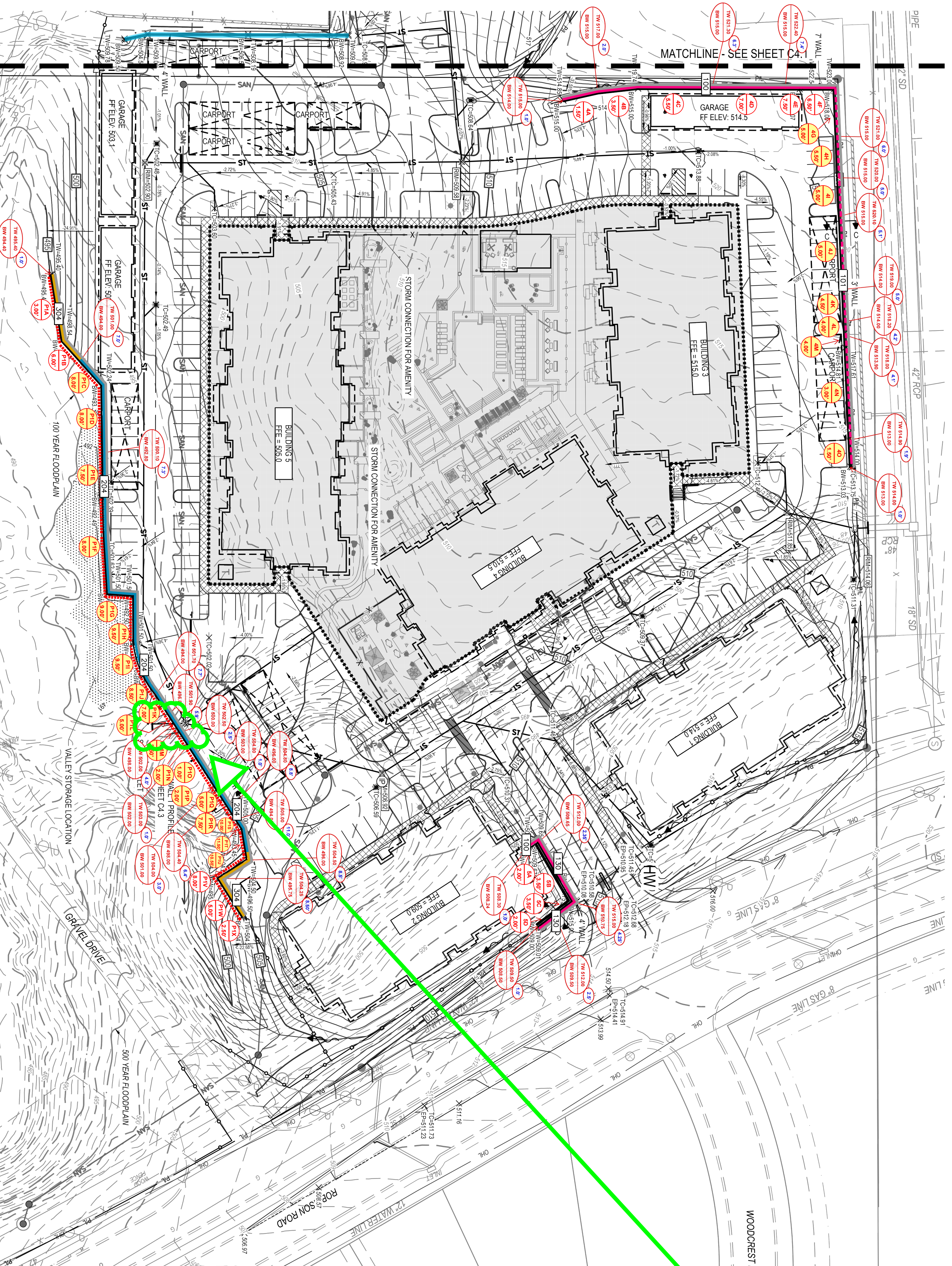
BY: *David Petree*
 DAVID PETREE
 REGISTERED PROFESSIONAL
 LAND SURVEYOR NO. 1890



BLUE SKY SURVEYING
 & MAPPING, CORPORATION
 11015 MIDWAY ROAD
 DALLAS, TEXAS 75229
 PHONE: (214) 358-4500
 FAX: (214) 358-4600
 DRPETREE@BLUESKYSURVEYING.COM
 TBPLS REGISTRATION No. 10105700

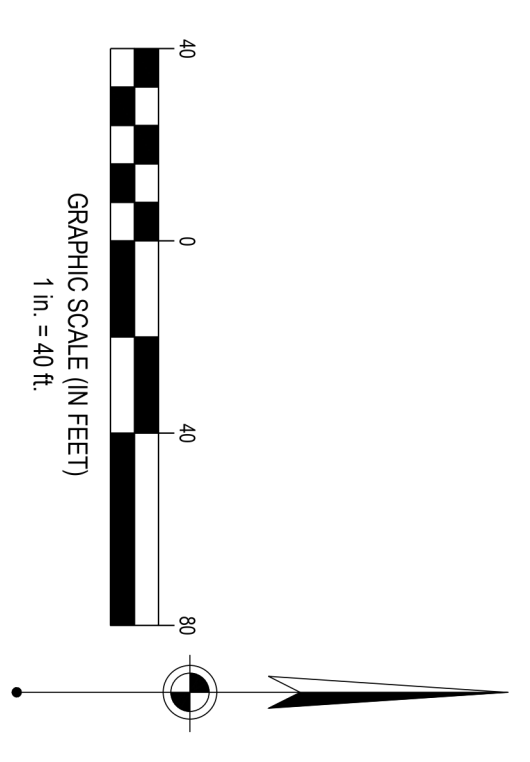
0.0040 ACRE PARCEL
 LICENSE AGREEMENT
 WILLIAM E. CAMPBELL, JR.
 ARTEMIS ROBINSON LAND HOLDINGS, LLC. PROPERTY
 S.B. McCOMMAS SURVEY - ABSTRACT NO. 888
 CITY OF GRAND PRAIRIE, DALLAS COUNTY, TEXAS
 DATE: MAY 31, 2024
 SCALE: 1"=50"

F:/H20-SH161/LICENSEAGREEMENT2



WALL 10 FT. AND GREATER REQUIRE WWF
SEE DETAIL WS/1 ON SHEET 14 OF 15

Scope of License Agreement.
Private retaining wall to be constructed within a to-be-dedicated public storm easement.



KEY

- WALL TYPE 1 (1)(b)(iv) SETBACK
- WALL TYPE 1 (1)(b)(v) SETBACK
- WALL TYPE 2 (1)(b)(iv) SETBACK
- WALL TYPE 2 (1)(b)(v) SETBACK
- WALL TYPE 3 (1)(b)(iv) SETBACK
- WALL TYPE 3 (1)(b)(v) SETBACK
- WALL APPLICATION WALL WITH MIN. 2' BURIED
- WALL W/OSP

REVISIONS

NO.	DESCRIPTION	DRAWN BY:	CHECKED BY:
		EVF	TAP



The seal appearing on this document was authorized by Scott A. Miller on November 7, 2023

PIVOTAL GRAND PRAIRIE MULTIFAMILY
GRAND PRAIRIE, TEXAS

WALL LOCATIONS

JOB#: MF-23-0081 DATE: 11/07/23 SHEET: 2 OF 15

DESIGNBUILD CONSULTING SERVICES, LLC

P.O. Box 185112
FORT WORTH, TX

SMILLER@DESIGNBUILDCONSULTING.NET



CITY OF GRAND PRAIRIE
ORDINANCE

MEETING DATE: 07/16/2024

PRESENTER: Noreen Housewright, Director of Engineering/Utility Services

TITLE: Ordinance authorizing City Manager to execute Quitclaim deed for the abandonment of various platted slope easements of approximately 1.720 acres located at 4600 Lake Ridge Road, 4700 Lake Ridge Road and 2400 West Polo Road, Dallas and Tarrant Counties, to Jefferson SW Parkway, LLC

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

<u>Vendor Name</u>	<u>Total Cost</u>
Jefferson SW Parkway, LLC	\$250.00

PURPOSE OF REQUEST:

The abandonment applicant, Jefferson SW Parkway, LLC, has requested the abandonment of approximately 1.720 acres (or 74,928 square feet) of slope easements in six (6) parts located at 4600 Lake Ridge Road, 4700 Lake Ridge Road and 2400 W. Polo Road (see metes and bounds description and survey plat as Exhibit “A”).

The Slope Easement is recorded as Instrument # 201100281012 of the Deed Records of Dallas County, Texas, and as Instrument # D211260348 of the Deed Records of Tarrant County, Texas is located on an approximate 31.8519 acre tract of land in the Memucan Hunt Survey, Abstract No. 758, Tarrant County, Heirs of the Samuel T. Brown Survey, Abstract No. 84, Tarrant, and Heirs of the Samuel T. Brown Survey, Abstract No. 1698, Dallas County (see Exhibit “B” for location). Abandonment of the slope easements will allow the applicant to move forward with the development plans for this site.

Staff has reviewed the requested abandonment and finds that the abandonment will not hinder drainage or utilities in the area. All public utilities have agreed to the abandonment. Therefore, staff is recommending approval of the abandonment ordinance, with the conditions set forth in the ordinance, authorizing the abandonment of an un-needed slope easements containing approximately 1.720 acres (or 74,928 square feet). Staff is requesting authorization for the City Manager or his designated representative to sign all related documents for the easement abandonment.

ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Exhibit A – Legal Descriptions and Survey Plats
- 2- Exhibit B – Preliminary Plat/Location Map

BODY**AN ORDINANCE OF THE CITY OF GRAND PRAIRIE, TEXAS,**

AN ABANDONMENT ORDINANCE AUTHORIZING THE CITY MANAGER TO EXECUTE A QUITCLAIM DEED TO JEFFERSON SW PARKWAY, LLC, FOR ABANDONMENT OF A SLOPE EASEMENT CONSISTING OF SIX (6) PARTS CONTAINING 74,928 SQUARE FEET AND LOCATED AT 4600 LAKE RIDGE ROAD, 4700 LAKE RIDGE ROAD AND 2400 W. POLO ROAD, BEING A PORTION OF A 31.8519 ACRE TRACT OF LAND IN THE MEMUCAN HUNT SURVEY, ABSTRACT NUMBER 758, TARRANT COUNTY, HEIRS OF THE SAMUEL T. BROWN SURVEY, ABSTRACT NUMBER 84, TARRANT COUNTY, AND THE HEIRS OF THE SAMUEL T. BROWN SURVEY, ABSTRACT NUMBER 1698, DALLAS COUNTY AND LOCATED IN THE CITY OF GRAND PRAIRIE, DALLAS AND TARRANT COUNTIES, TEXAS; PROVIDING FOR THE QUITCLAIM TO, JEFFERSON SW PARKWAY, LLC, THE UNDERLYING FEE OWNER OF 4600 LAKE RIDGE ROAD, 4700 LAKE RIDGE ROAD AND 2400 W. POLO ROAD, BEING A PORTION OF A 31.8519 ACRE TRACT OF LAND IN THE MEMUCAN HUNT SURVEY, ABSTRACT NUMBER 758, TARRANT COUNTY, HEIRS OF THE SAMUEL T. BROWN SURVEY, ABSTRACT NUMBER 84, TARRANT COUNTY, AND THE HEIRS OF THE SAMUEL T. BROWN SURVEY, ABSTRACT NUMBER 1698, DALLAS COUNTY, TEXAS; PROVIDING FOR THE TERMS AND CONDITIONS OF THE ABANDONMENT AND QUITCLAIM MADE HEREIN; PROVIDING FOR THE INDEMNIFICATION OF THE CITY OF GRAND PRAIRIE AGAINST DAMAGES ARISING OUT OF THE ABANDONMENT HEREIN; AND PROVIDING AN EFFECTIVE DATE FOR THE ORDINANCE.

WHEREAS, the City Council of the City of Grand Prairie, acting pursuant to law and upon the request and petition of Jefferson SW Parkway, LLC, hereinafter referred to as GRANTEE, deems it advisable to abandon and quitclaim an un-needed slope easements in the City of Grand Prairie, Dallas County, Texas, more particularly described in Exhibit “A-1”, Exhibit “A-2”, Exhibit “A-3”, Exhibit “A-4”, Exhibit “A-5”, and Exhibit “A-6”, attached hereto and incorporated herein; and

WHEREAS, the City Council of the City of Grand Prairie is of the opinion that said slope easements are not needed for public use, and same should be abandoned and quitclaimed to the underlying fee owner (GRANTEE); and

WHEREAS, the City Council of the City of Grand Prairie is of the opinion that the best interest and welfare of the public will be served by abandoning and quitclaiming the same, subject to the conditions and for the consideration hereinafter more fully set forth.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS:

SECTION 1. That the slope easement described in Exhibit “A-1”, Exhibit “A-2”, Exhibit “A-3”, Exhibit “A-4”, Exhibit “A-5”, and Exhibit “A-6”, which is attached hereto and made a part hereof, be and the same shall be abandoned, vacated and closed insofar as the right, title and easement of the public are concerned; subject, however, to the conditions hereinafter more fully set out.

SECTION 2. That for Grantee with his application, the City of Grand Prairie does by these presents QUITCLAIM, subject to the conditions hereinafter made, all its rights, title and interest in and to that certain tract or parcel of land described in **Exhibit “A-1”, Exhibit “A-2” Exhibit “A-3”, Exhibit “A-4”, Exhibit “A-5”, and Exhibit “A-6”**, attached hereto and made a part hereof unto GRANTEE. TO HAVE AND TO HOLD all of such right, title and interest in and to the property and premises, subject aforesaid, together with all and singular the rights, privileges and appurtenances thereto in any manner belonging unto the said GRANTEE.

SECTION 3. That the terms and conditions contained in this ordinance and the application for the abandonment previously submitted to the City shall be binding upon GRANTEE, its successors and assigns.

SECTION 4. That the abandonment provided for herein is made subject to all present zoning and deed restrictions, if the latter exist, and is subject to all existing easement right of others, if any, whether apparent or non-apparent, aerial, surface, underground or otherwise.

SECTION 5. That the abandonment and quitclaim provided for herein shall extend only to the public right, title, easement and interest, and shall be construed to extend only to that interest the Governing Body of the City of Grand Prairie may legally and lawfully abandon and vacate.

SECTION 6. That as a condition of this abandonment and as a part of the consideration for the quitclaim to GRANTEE herein, GRANTEE, his heirs, executors and assigns, agree to indemnify, defend, release and hold the City of Grand Prairie whole and harmless against any and all claims for damages, costs or expenses to persons or property that may arise out of, or be occasioned by or from the abandonment, closing, vacation, and quitclaim by the City of Grand Prairie of the area set out in **Exhibit “A-1”, Exhibit “A-2” Exhibit “A-3”, Exhibit “A-4”, Exhibit “A-5”, and Exhibit “A-6”**. GRANTEE his heirs, executors and assigns hereby agree to defend any and all suits, claims, or causes of action brought against the City on account of same and discharge any judgment or judgments that may be rendered against the City of Grand Prairie in connection therewith.

SECTION 7. That the City Secretary is hereby authorized and directed to certify a copy of this ordinance for recordation in the Official Public Records of Dallas County, Texas, and shall deliver to GRANTEE a certified copy of this ordinance, and the City Manager is authorized to sign a quitclaim deed on behalf of the City, subject to the conditions herein specified.

SECTION 8. That this ordinance shall take effect immediately from and after its passage and approval.

**PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS,
ON THIS THE 6th DAY OF AUGUST 2024.**

EXHIBIT "A"

County: Dallas
 Roadway: Lake Ridge Parkway

June, 2009
 CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1 (RE) PT 2

BEING A 24,721 SQUARE FOOT PARCEL OF LAND OUT OF THE MEMUCAN HUNT SURVEY, ABSTRACT NO. 758, TARRANT COUNTY, TEXAS, BEING PART OF A TRACT OF LAND AS DEEDED TO CRYSTAL PARADISE, LTD., ET.AL. AND RECORDED IN VOLUME 2002123, PAGE 0201, OF THE DEED RECORDS OF DALLAS COUNTY, TEXAS, (DRDCT), AS SHOWN ON THE ATTACHED EXHIBIT "A", AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING FOR REFERENCE at a one inch iron rod found for a northeast corner of said Crystal Paradise tract, being on the south line of a tract of land as dedeed to the City of Grand Prairie and recorded in Volume 88015, Page 795 DRDCT, and being the northwest corner of a tract of land as dedeed to Dallas County Bail Bond Board and recorded in Volume 89221, Page 1596 DRDCT;

THENCE South 44°15'16" West, directly crossing said Crystal Palace tract, a distance of 1909.10 feet to a half inch iron rod with cap marked "BW2" set to mark the POINT OF BEGINNING, said point being on the east line of a called 16.5458 acre tract of land, and being on the west line of a called 11.146 acre tract of land in said Crystal Paradise tract;

1. THENCE South 00°33'05" East, with said common line, a distance of 83.19 feet to a point at the beginning of a non-tangent curve on the proposed new west Right of Way line for Lake Ridge Parkway;
2. THENCE with said new Right of Way along a curve to the left having a radius of 1981.86 feet, through a central angle of 12°11'39", an arc distance of 421.80 feet, and having a chord which bears South 41°47'43" West, a distance of 421.00 feet to a point;
3. THENCE North 54°18'06" West, departing said new Right of Way line and crossing said Crystal Paradise tract, a distance of 15.00 feet to a point;
4. THENCE North 21°07'48" East, a distance of 165.77 feet to a point at the beginning of a non-tangent curve;

EXHIBIT "A"

County: Dallas
Roadway: Lake Ridge Parkway

June, 2009
CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

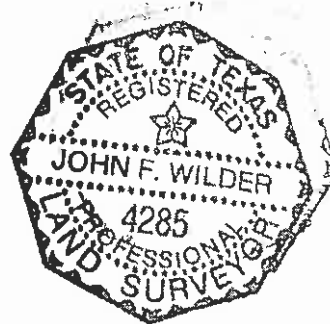
Description of Parcel 1 (RE) PT 2

- 5. THENCE along said curve to the right having a radius of 2044.86, through a central angle of 09°14'26", an arc distance of 329.80, and having a chord which bears North 44°49'07" East, a distance of 329.44 feet to the POINT OF BEGINNING, and having 24,721 square feet or 0.5675 acres of land.

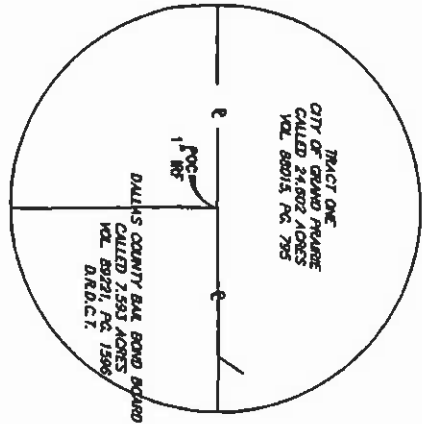
Coordinates: POC: N = 6927806.0235, E = 2419628.4731
POB: N = 6926438.6343, E = 2418296.2162

All bearings and coordinates are based on the Texas State Plane Coordinate System, N.A.D. 83 (1993 Adj.), North Central Zone. All coordinates shown are surface and may be converted to grid by dividing by the TxDOT conversion factor of 1.000136506.

John F. Wilder 7-01-09
 _____ Date
 John F. Wilder, R.P.L.S.
 Texas Registration No. 4285,
 BW2 Engineers, Inc.



CURVE TABLE					
NUMBER	RADIUS	DELTA ANGLE	LENGTH	CHORD DIRECTION	CHORD LENGTH
C170	2044.86	09°14'26"	329.80	N 44°49'07" E	329.44
C172	1981.86	12°11'39"	421.80	S 41°47'43" W	421.00



POC
N: 6927806.0285
E: 2419628.4731

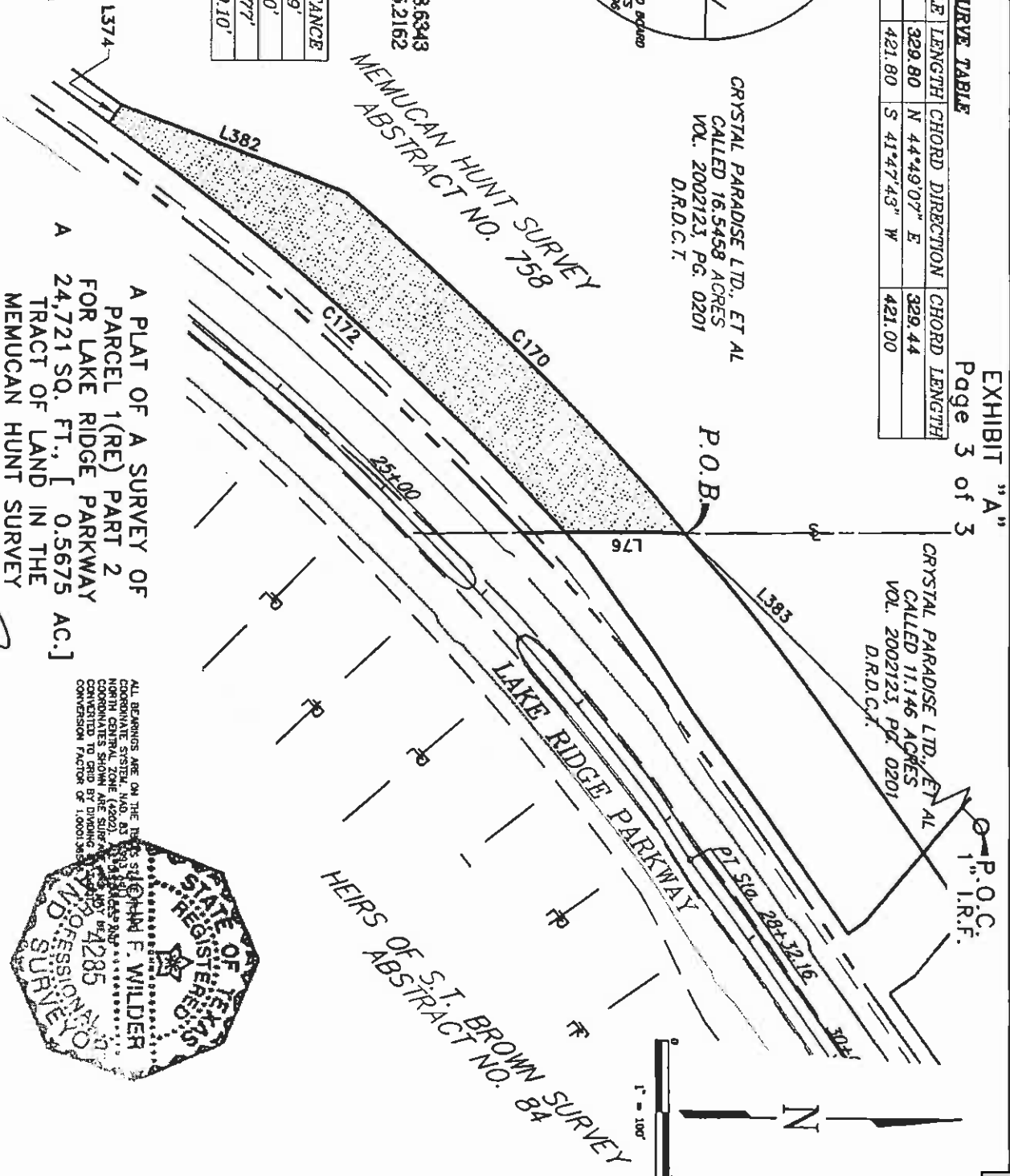
POB
N: 6926438.6343
E: 2418296.2162

COORDINATES

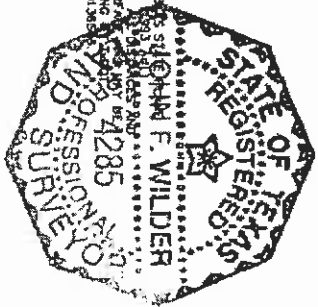
NUMBER	DIRECTION	DISTANCE
L76	S 00°33'05" E	83.19'
L374	N 54°18'06" W	15.00'
L382	N 21°07'48" E	165.77'
L383	S 44°15'16" W	1909.10'

LINE TABLE

- LEGEND**
- PROPOSED PERMANENT R.O.W.
 - PROPOSED EASEMENT FOR SLURP PURPOSES
 - PROPOSED PERMANENT EASEMENT
 - PROPOSED TEMPORARY CONSTRUCTION EASEMENT
 - IRON ROSS FARM
 - NONIRON ROSS
 - 892 U.S. W/CA



A PLAT OF A SURVEY OF
PARCEL 1(RE) PART 2
FOR LAKE RIDGE PARKWAY
24,721 SQ. FT., [0.5675 AC.]
TRACT OF LAND IN THE
MEMUCAN HUNT SURVEY
ABSTRACT NUMBER 758
CITY OF GRAND PRAIRIE
TARRANT COUNTY, TEXAS
JUNE, 2009



CSJ 0918-45-797

PARCEL 1(RE) PART 2

JOHN F. WILDER, R.P.S.S. No. 4285 DATE

John F. Wilder
2-01-09

EXHIBIT "A"

County: Dallas
 Roadway: Lake Ridge Parkway

June, 2009
 CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1 (RE) PT 3

BEING A 22,313 SQUARE FOOT PARCEL OF LAND OUT OF THE MEMUCAN HUNT SURVEY, ABSTRACT NO. 758, TARRANT COUNTY, TEXAS, BEING PART OF A TRACT OF LAND AS DEEDED TO CRYSTAL PARADISE, LTD., ET.AL. AND RECORDED IN VOLUME 2002123, PAGE 0201, OF THE DEED RECORDS OF DALLAS COUNTY, TEXAS, (DRDCT), AS SHOWN ON THE ATTACHED EXHIBIT "A", AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING FOR REFERENCE at a one inch iron rod found for a northeast corner of said Crystal Paradise tract, being on the south line of a tract of land as deeded to the City of Grand Prairie and recorded in Volume 88015, Page 795 DRDCT, and being the northwest corner of a tract of land as deeded to Dallas County Bail Bond Board and recorded in Volume 89221, Page 1596 DRDCT;

THENCE South 42°48'37" West, directly crossing said Crystal Palace tract, a distance of 1637.87 feet to a half inch iron rod with cap marked "BW2" set to mark the POINT OF BEGINNING;

1. THENCE South 50°04'18" East, a distance of 61.98 feet to a half inch iron rod with cap marked "BW2" set to mark the point;
2. THENCE South 35°20'13" East, a distance of 15.06 feet to a half inch iron rod with cap marked "BW2" set to mark the point;
3. THENCE South 54°39'47" West, a distance of 104.31 feet to a half inch iron rod with cap marked "BW2" set to mark the point at the beginning of a tangent curve;
4. THENCE along said curve to the left, having a radius of 1969.86 feet, through a central angle of 00°53'28", an arc distance of 30.63 feet, and having a chord which bears South 54°13'03" West, a distance of 30.63 feet to a half inch iron rod with cap marked "BW2" set to mark the point;
5. THENCE South 54°54'07" West, a distance of 182.36 feet to a half inch iron rod with cap marked "BW2" set to mark the point at the beginning of a tangent curve;
6. THENCE along said curve to the left, having a radius of 1981.86 feet, through a central angle of 00°36'04", an arc distance of 20.80 feet, and having a chord which bears South 48°11'35" West, a distance of 20.80 feet to a half inch iron rod with cap marked "BW2" set to mark the point, said point being the west line of said Brown Survey, and being the east line of said Hunt Survey;

EXHIBIT "A"

County: Dallas
Roadway: Lake Ridge Parkway

June, 2009
CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1 (RE) PT 3

- 7. THENCE North 00°33'05" West, with said common line, a distance of 83.19 feet to a point at the beginning of a non-tangent curve to the right;
- 8. THENCE departing said common line and crossing said Crystal Paradise tract, along a curve to the right, having a radius of 2044.86 feet, through a central angle of 05°13'27", an arc distance of 186.45 feet, and having a chord which bears North 52°03'04" East, a distance of 186.38 feet to a point of tangent;
- 9. THENCE North 54°39'47" East, a distance of 88.54 feet to a half inch iron rod with cap marked "BW2" set to mark the point; to the POINT OF BEGINNING, and containing 22,313 square feet or 0.5122 acres of land.

Coordinates: POC: N = 6927806.0235, E = 2419628.4731
POB: N = 6926604.4636, E = 2418515.4196

All bearings and coordinates are based on the Texas State Plane Coordinate System, N.A.D. 83 (1993 Adj.), North Central Zone. All coordinates shown are surface and may be converted to grid by dividing by the TxDOT conversion factor of 1.000136506.

John F. Wilder 7-01-09

John F. Wilder, R.P.L.S. Date
Texas Registration No. 4285,
BW2 Engineers, Inc.

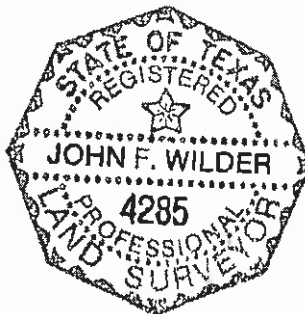


EXHIBIT "A"
Page 3 of 3

CURVE TABLE					
NUMBER	RADIUS	DELTA ANGLE	LENGTH	CHORD DIRECTION	CHORD LENGTH
C40	1961.86	00°36'04"	20.80	S 48°11'35" W	20.80
C44	2044.86	05°13'27"	186.45	N 52°03'04" E	186.38
C194	1969.86	00°53'28"	30.63	S 54°13'03" W	30.63

LINE TABLE		
NUMBER	DIRECTION	DISTANCE
L63	S 54°54'07" W	182.36'
L64	S 35°20'13" E	15.06'
L65	S 50°04'18" E	61.98'
L75	N 54°39'47" E	88.54'
L76	N 00°33'05" W	83.19'
L77	S 54°39'47" W	104.31'
L412	S 42°48'37" W	1637.87'

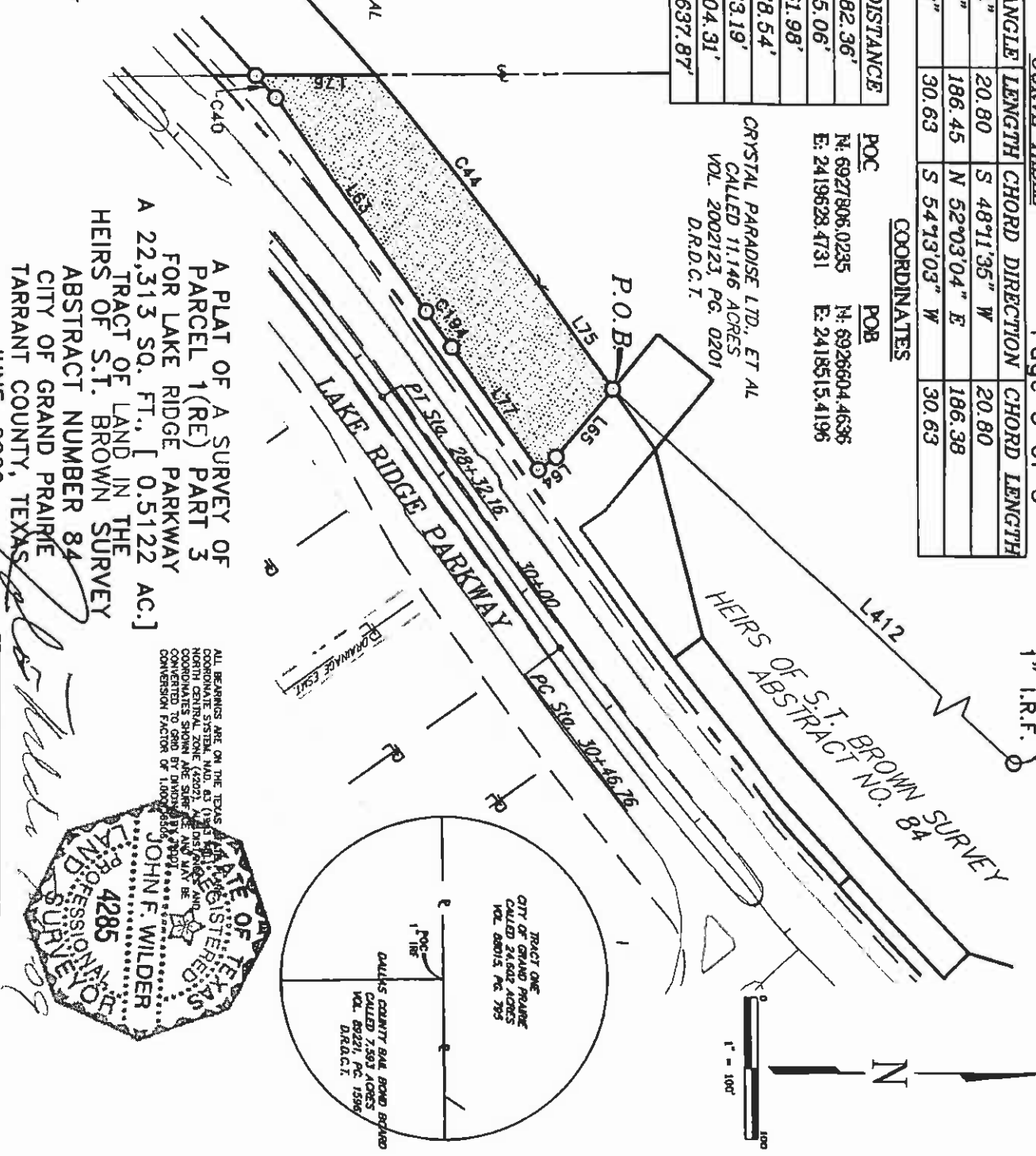
COORDINATES

POC N: 6927906.0235 E: 2419628.4731
 POB N: 6926604.4636 E: 2418515.4196

CRYSTAL PARADISE LTD., ET AL
 CALLED 11.146 ACRES
 VOL. 2002123, PG. 0201
 D.R.D.C.T.

MEMUCAN HUNT SURVEY
 ABSTRACT NO. 758
 CRYSTAL PARADISE LTD., ET AL
 CALLED 16.5458 ACRES
 VOL. 2002123, PG. 0201
 D.R.D.C.T.

- LEGEND
- PROPOSED PERMANENT E.O.M.
 - PROPOSED EASEMENT FOR ROUP PURPOSES
 - PROPOSED PERMANENT DRAINAGE EASEMENT
 - PROPOSED TEMPORARY CONSTRUCTION EASEMENT
 - ROAD ROAD FOUND
 - NONROAD FOUND



A PLAT OF A SURVEY OF
 PARCEL 1(RE) PART 3
 FOR LAKE RIDGE PARKWAY
 A 22,313 SQ. FT., [0.5122 AC.]
 TRACT OF LAND IN THE
 HEIRS OF S.T. BROWN SURVEY
 ABSTRACT NUMBER 84
 CITY OF GRAND PRAIRIE
 TARRANT COUNTY, TEXAS
 JUNE, 2009

ALL BEARINGS ARE ON THE TEXAS
 COORDINATE SYSTEM, NAD 83 (1983)
 NORTH CENTRAL ZONE (43027).
 COORDINATES SHOWN ARE SURFACE
 AND MAY BE DIFFERENT FROM
 CONVENTIONAL FACTOR OF 1.0000000000

JOHN F. WILDER
 4285
 PROFESSIONAL SURVEYOR

EXHIBIT "A"

County: Tarrant
 Roadway: Lake Ridge Parkway

June, 2009
 CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1(RE) PT4

BEING A 7,331 SQUARE FOOT PARCEL OF LAND OUT OF THE HEIRS OF S.T. BROWN SURVEY, ABSTRACT NO. 84, TARRANT COUNTY, TEXAS, BEING PART OF A TRACT OF LAND AS DEEDED TO CRYSTAL PARADISE, LTD. AND RECORDED IN VOLUME 2002123, PAGE 0201, DEED RECORDS OF DALLAS COUNTY, TEXAS (DRDCT), AS SHOWN ON THE ATTACHED EXHIBIT "A", AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING FOR REFERENCE at a one inch iron rod found for a northeast corner of said Crystal Paradise tract, being on the south line of a tract of land as deeded to the City of Grand Prairie and recorded in Volume 88015, Page 795 DRDCT, and being the northwest corner of a tract of land as deeded to Dallas County Bail Bond Board and recorded in Volume 89221, Page 1596 DRDCT;

THENCE South 38°55'47" West, crossing said Crystal Paradise tract a distance of 1061.63 feet to a half inch iron rod with cap marked "BW2" set to mark the POINT OF BEGINNING, said point being the most northerly corner of the parcel herein described, and being on the new Right of Way line for Lake Ridge Parkway;

1. THENCE South 48°10'11" East, with said new Right of Way line, a distance of 75.00 feet to a half inch iron rod with cap marked "BW2" set at the beginning of a non-tangent curve to the right, having a radius of 2231.83 feet;
2. THENCE with said new curving Right of Way, through a central angle of 03°22'14", an arc distance of 131.29 feet, and having a chord which bears South 44°08'49" West, a distance of 131.27 feet to a point;
3. THENCE North 44°10'05" West, with the southeast line of the parcel herein described, a distance of 25.00 feet to a point;
4. THENCE North 16°52'37" East, with the west line of the parcel herein described, a distance of 107.52 feet to a point at the beginning of a non-tangent curve to the left, having a radius of 2156.83 feet,

EXHIBIT "A"

County: Tarrant
Roadway: Lake Ridge Parkway

June, 2009
CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1(RE) PT4

- 5. THENCE through a central angle of $00^{\circ}50'55''$, an arc distance of 31.94 feet, and having a chord which bears North $42^{\circ}54'28''$ East, a distance of 31.94 feet to the POINT OF BEGINNING, and containing 7,331 square feet or 0.1683 acres of land.

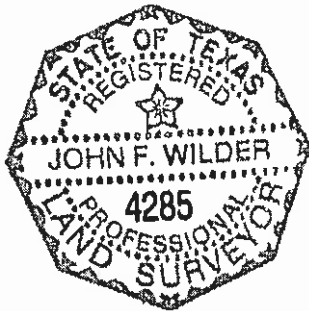
Coordinates: POC: N = 6927806.0235, E = 2419628.4731
POB: N = 6926980.1636, E = 2418961.3787

All bearings are based on the Texas State Plane Coordinate System, N.A.D. 83 (1993 Adj.), North Central Zone. All coordinates shown are surface and may be converted to grid by dividing by the TxDOT conversion factor of 1.000136506.



John F. Wilder, R.P.L.S.
Texas Registration No. 4285,
BW2 Engineers, Inc.

Date



CURVE TABLE

NUMBER	RADIUS	DELTA ANGLE	LENGTH	CHORD DIRECTION	CHORD LENGTH
C36	2291.83	03°22'14"	131.29	S 44°08'49" W	131.27
C37	2156.83	00°50'55"	31.94	N 42°54'28" E	31.94

LINE TABLE

NUMBER	DIRECTION	DISTANCE
L58	S 48°10'11" E	75.00'
L59	N 44°10'05" W	25.00'
L60	N 16°52'37" E	107.52'

COORDINATES

CRYSTAL PARADISE LTD. ET AL
 CALLED 17.9593 ACRES
 VOL. 2002123, PG. 0201
 D.R.D.C.T.

POB N: 6926980, 1636
 E: 2418961, 3787

POC N: 6927806, 0235
 E: 2418628, 4731

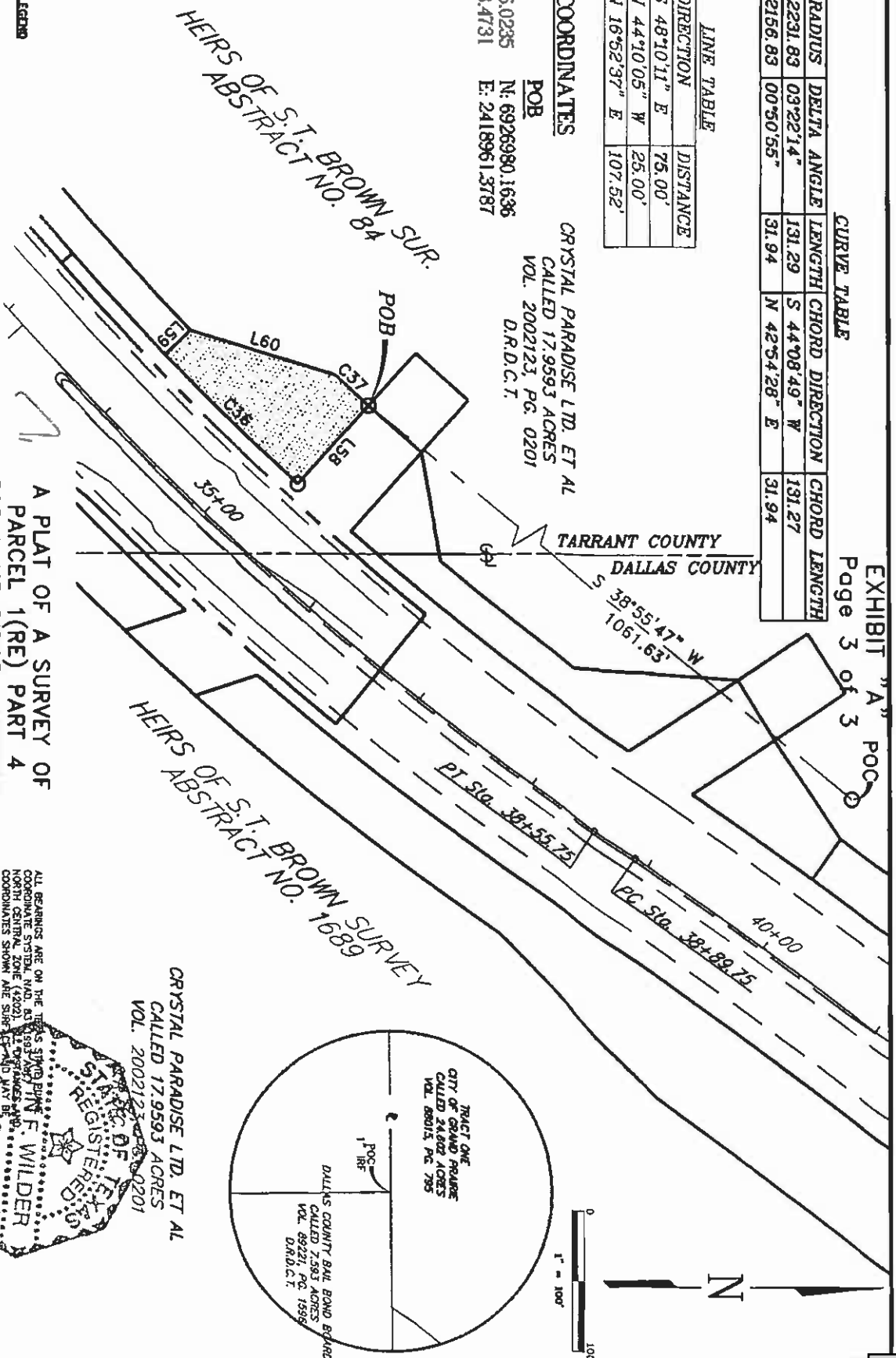
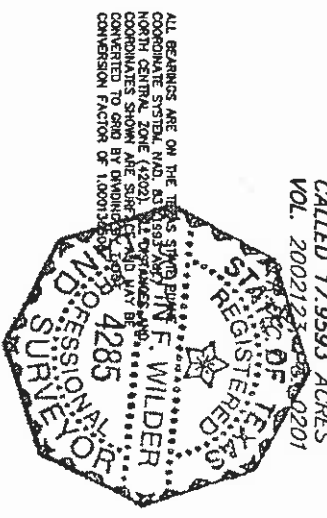
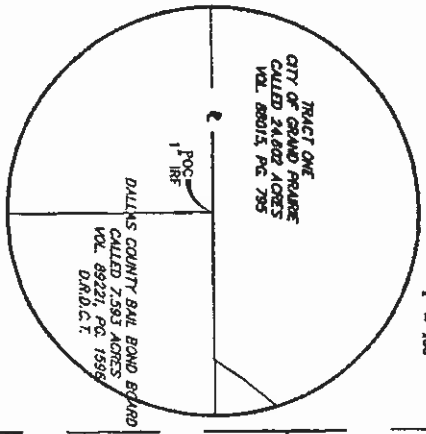


EXHIBIT "A" POC
 Page 3 of 3

A PLAT OF A SURVEY OF
 PARCEL 1(RE) PART 4
 FOR LAKE RIDGE PARKWAY
 7,331 SQ. FT., [0.1683 AC.]
 TRACT OF LAND IN THE
 HEIRS OF S.T. BROWN SURVEY
 ABSTRACT NUMBER 84
 CITY OF GRAND PRAIRIE
 TARRANT COUNTY, TEXAS
 JUNE, 2009



CRYSTAL PARADISE LTD. ET AL
 CALLED 17.9593 ACRES
 VOL. 2002123, PG. 0201



- LEGEND**
- PROPOSED PERMANENT R.O.W.
 - PROPOSED EASEMENT FOR SLOPE PURPOSES
 - PROPOSED PERMANENT PAVEMENT EASEMENT
 - PROPOSED TEMPORARY CONSTRUCTION EASEMENT
 - IRON ROD FOUND
 - MONUMENT FOUND
 - NW2 U.S. W/CLP

CSJ 0918-45-797

PARCEL 1(RE) PART 4

JOHN F. WILDER, R.P.L.S. No. 4285
 DATE

John F. Wilder
 20109

EXHIBIT "A"

County: Dallas and Tarrant
 Roadway: Lake Ridge Parkway

June, 2009
 CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1(RE) PT5

BEING A 10,150 SQUARE FOOT PARCEL OF LAND OUT OF THE HEIRS OF S.T. BROWN SURVEY, ABSTRACT NO. 1689, DALLAS COUNTY, TEXAS AND THE HEIRS OF S.T. BROWN SURVEY, ABSTRACT NO. 84, TARRANT COUNTY, TEXAS, BEING PART OF A TRACT OF LAND AS DEEDED TO CRYSTAL PARADISE, LTD. AND RECORDED IN VOLUME 2002123, PAGE 0201, DEED RECORDS OF DALLAS COUNTY, TEXAS (DRDCT), AS SHOWN ON THE ATTACHED EXHIBIT "A", AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING FOR REFERENCE at a one inch iron rod found for a northeast corner of said Crystal Paradise tract, being on the south line of a tract of land as deeded to the City of Grand Prairie and recorded in Volume 88015, Page 795 of the (DRDCT), and being the northwest corner of a tract of land as deeded to Dallas County Bail Bond Board and recorded in Volume 89221, Page 1596 DRDCT;

THENCE South 38°47'13" West, directly crossing said Crystal Paradise tract, a distance of 1011.70 feet to the POINT OF BEGINNING, being a half inch iron rod with cap marked "BW2", set to mark the point on the new Right of Way line for Lake Ridge Parkway;

1. THENCE North 80°12'58" East, crossing said Crystal Paradise tract, a distance of 78.03 feet to a point at the beginning of a non-tangent curve to the left, having a radius of 2206.83 feet;
2. THENCE with said curve through a central angle of 03°07'30", an arc distance of 120.36 feet, and having a chord which bears North 38°01'10" East, a distance of 120.35 feet to a point;
3. THENCE North 03°58'17" East, a distance of 115.63 feet to a half inch iron rod with cap marked "BW2", set to mark the point on said new Right of Way line;
4. THENCE South 33°15'43" East, with said new Right of Way line, a distance of 91.83 feet to a half inch iron rod with cap marked "BW2", set to mark the point at the beginning of a non-tangent curve to the right, having a radius of 2231.83 feet;
5. THENCE with said curving new Right of Way line, through a central angle of 06°24'29", an arc distance of 249.61 feet, and having a chord which bears South 37°58'26" West, a distance of 249.48 feet to a half inch iron rod with cap marked "BW2", set to mark the half inch iron rod with cap marked "BW2", set to mark the point;

EXHIBIT "A"

County: Dallas and Tarrant
Roadway: Lake Ridge Parkway

June, 2009
CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1(RE) PT5

- 6. THENCE North 48°10'11" West with said new Right of Way line, a distance of 75.01 feet to the POINT OF BEGINNING, and containing 10,150 square feet or 0.2330 acres of land.

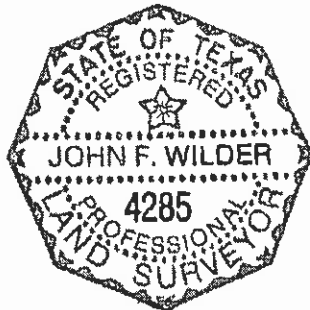
Coordinates: POC: N = 6927806.0235, E = 2419628.4731
POB: N = 6927017.4261, E = 2418994.7179

All bearings and coordinates are based on the Texas State Plane Coordinate System, N.A.D. 83 (1993 Adj.), North Central Zone. All coordinates shown are surface and may be converted to grid by dividing by the TxDOT conversion factor of 1.000136506.

John F. Wilder 7.01.09

John F. Wilder, R.P.L.S.
Texas Registration No. 4285,
BW2 Engineers, Inc.

Date



CURVE TABLE

NUMBER	RADIUS	DELTA ANGLE	LENGTH	CHORD DIRECTION	CHORD LENGTH
C26	2231.83	06°24'29"	249.61	S 37°58'26" W	249.48
C42	2206.83	03°07'30"	120.36	N 38°01'10" E	120.35

LINE TABLE

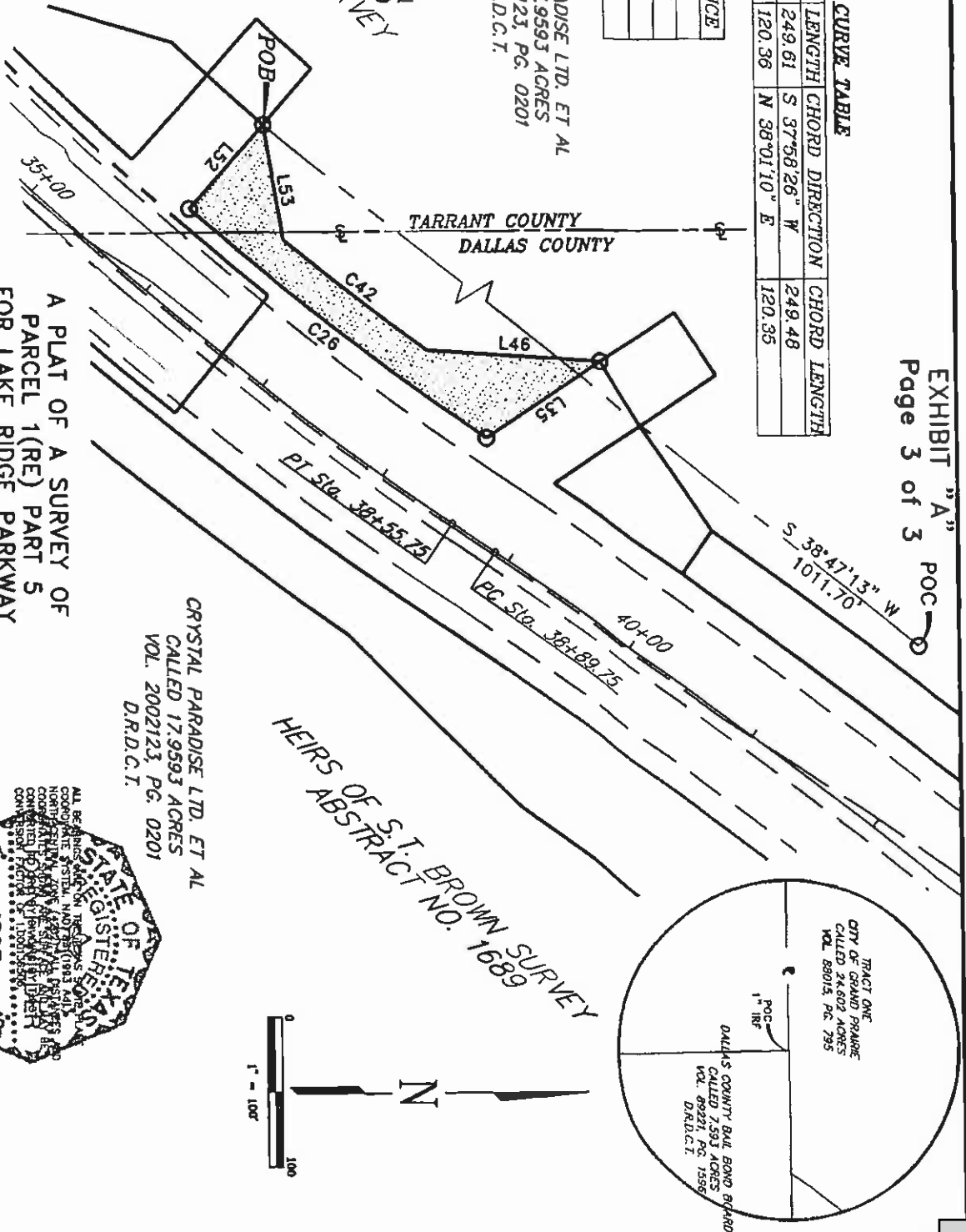
NUMBER	DIRECTION	DISTANCE
L36	S 39°15'43" E	91.83'
L46	N 03°58'17" E	115.63'
L52	N 48°10'11" W	75.01'
L53	N 80°12'58" E	78.03'

CRYSTAL PARADISE LTD, ET AL
CALLED 17.9593 ACRES
VOL. 2002123, PG. 0201
D.R.D.C.T.

COORDINATES

POC N: 6927806.0235 E: 2419628.4731
POB N: 6927017.4261 E: 2418994.7179

HEIRS OF S.T. BROWN SURVEY
ABSTRACT NO. 84



- LEGEND**
- PROPOSED PERMANENT R.O.W.
 - PROPOSED EASEMENT FOR SLURP PURPOSES
 - PROPOSED PERMANENT EASEMENT
 - PROPOSED TEMPORARY CONSTRUCTION EASEMENT
 - IRON ROD FOUND
 - MONUMENT FOUND
 - INT. L.I.S. W/C/P

A PLAT OF A SURVEY OF
PARCEL 1(RE) PART 5
FOR LAKE RIDGE PARKWAY
A 10,150 SQ. FT., [0.2330 AC.]
TRACT OF LAND IN THE
HEIRS OF S.T. BROWN SURVEY
ABSTRACT NUMBER 84 & 1689
CITY OF GRAND PRAIRIE
TARRANT & DALLAS COUNTY, TEXAS
JUNE, 2009

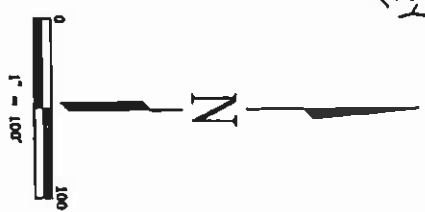
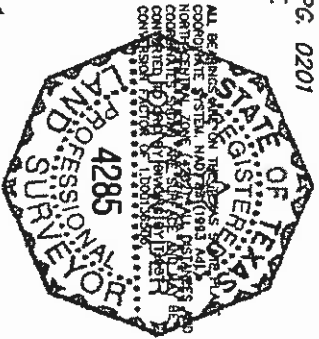


EXHIBIT "A"

County: Dallas
Roadway: Lake Ridge Parkway

June, 2009
CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1(RE) PT6

BEING A 4,776 SQUARE FOOT PARCEL OF LAND OUT OF THE HEIRS OF S.T. BROWN SURVEY, ABSTRACT NO. 1689, DALLAS COUNTY, TEXAS, BEING PART OF A TRACT OF LAND AS DEEDED TO CRYSTAL PARADISE, LTD. AND RECORDED IN VOLUME 2002123, PAGE 0201, DEED RECORDS OF DALLAS COUNTY, TEXAS (DRDCT), AS SHOWN ON THE ATTACHED EXHIBIT "A", AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING FOR REFERENCE at a one inch iron rod found for a northeast corner of said Crystal Paradise tract, being on the south line of a tract of land as deeded to the City of Grand Prairie and recorded in Volume 88015, Page 795, DRDCT, and being the northwest corner of a tract of land as deeded to Dallas County Bail Bond Board and recorded in Volume 89221, Page 1596 DRDCT;

THENCE South 38°44'24" West, directly crossing said Crystal Paradise tract a distance of 690.78 feet to a half inch iron rod with cap marked "BW2", set to mark the POINT OF BEGINNING, said point being the most westerly corner of the parcel herein described;

1. THENCE North 56°02'26" East, crossing said Crystal Paradise tract, a distance of 84.61 feet to a point on the new Right of Way line for Lake Ridge Parkway;
2. THENCE South 54°17'26" East, with said new Right of Way line, a distance of 35.00 feet to a point at the beginning of a curve to the left having a radius of 5030.00 feet;
3. THENCE with said curving new Right of Way, through a central angle of 01°11'24", an arc distance of 104.48 feet, and having a chord which bears South 35°06'52" West, a distance of 104.47 feet to a half inch iron rod with cap marked "BW2", set to mark the point;
4. THENCE North 33°17'58" West, with said new Right of Way line, a distance of 70.14 feet to the POINT OF BEGINNING, and containing 4,776 square feet or 0.1096 acres of land.

Coordinates: POC: N = 6927806.0235, E = 2419628.4731
POB: N = 6927267.2191, E = 2419196.1906

All bearings are based on the Texas State Plane Coordinate System, N.A.D. 83 (1993 Adj.), North Central Zone. All coordinates shown are surface and may be converted to grid by dividing by the TxDOT conversion factor of 1.000136506.

John F. Wilder 7-01-09
John F. Wilder, R.P.L.S. Date
Texas Registration No. 4285,
BW2 Engineers, Inc.



CURVE TABLE

NUMBER	RADIUS	DELTA ANGLE	LENGTH	CHORD DIRECTION	CHORD LENGTH
C27	5030.00	01°11'24"	104.48	S 35°06'52" W	104.47

LINE TABLE

NUMBER	DIRECTION	DISTANCE
L4	S 54°17'26" E	35.00'
L37	N 33°17'58" W	70.14'
L50	N 56°02'26" E	84.61'

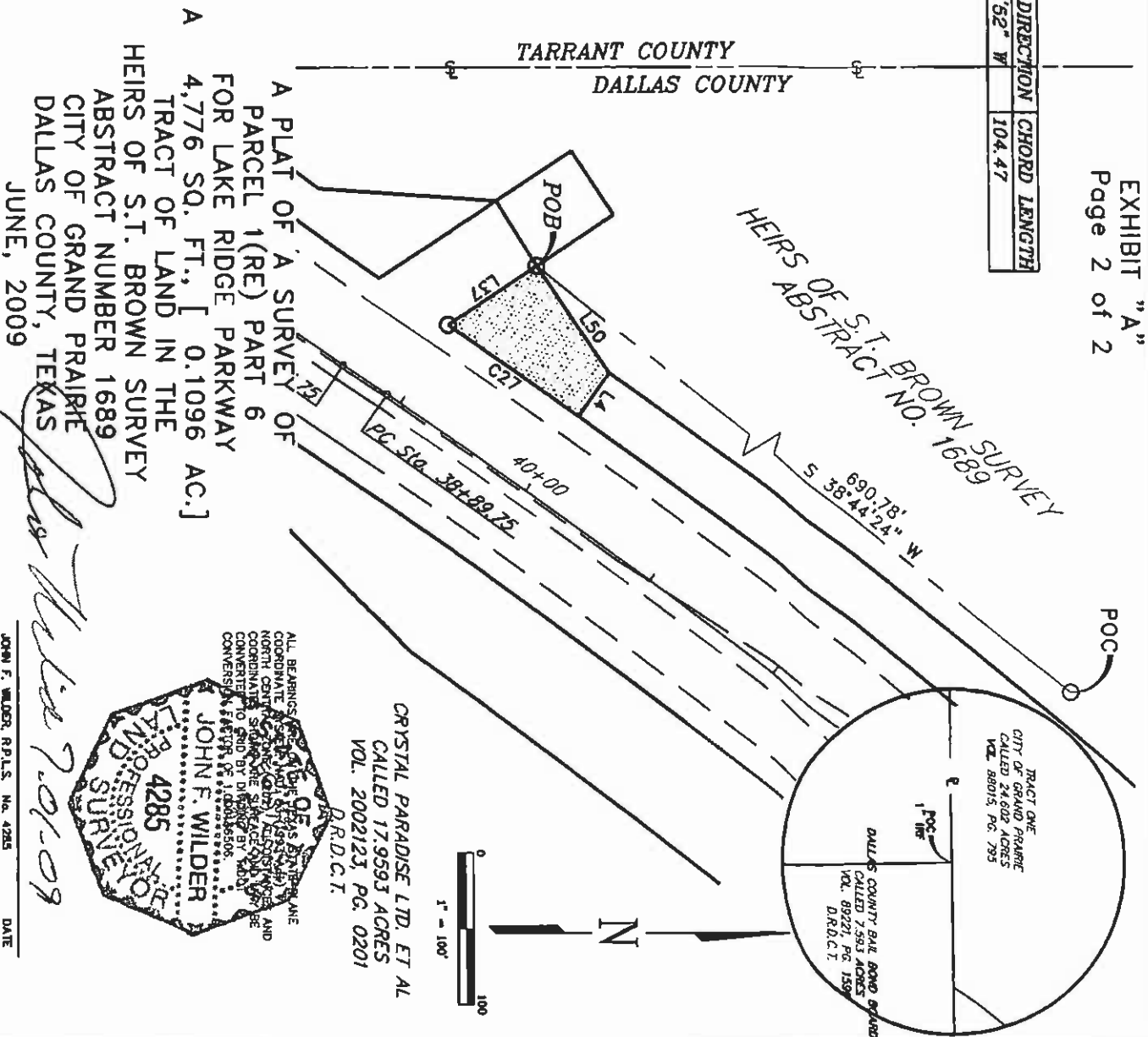
COORDINATES

POC N: 6927806.0235 E: 2419628.4731
 POB N: 6927267.2191 E: 2419196.1906

CRYSTAL PARADISE LTD, ET AL
 CALLED 17.9593 ACRES
 VOL. 2002123, PG. 0201
 D.R.D.C.T.

HEIRS OF S.T. BROWN SUR.
 ABSTRACT NO. 84

- LEGEND**
- PROPOSED PERMANENT R.O.W.
 - PROPOSED EASEMENT FOR SLOPE PURPOSES
 - PROPOSED PERMANENT DRAINAGE EASEMENT
 - PROPOSED TEMPORARY CONSTRUCTION EASEMENT
 - IRON ROD FOUND
 - IRONNMENT FOUND
 - FWZ I.L.S. W/CAP



A PLAT OF A SURVEY OF
 PARCEL 1(RE) PART 6
 FOR LAKE RIDGE PARKWAY
 4,776 SQ. FT., [0.1096 AC.]
 TRACT OF LAND IN THE
 HEIRS OF S.T. BROWN SURVEY
 ABSTRACT NUMBER 1689
 CITY OF GRAND PRAIRIE
 DALLAS COUNTY, TEXAS
 JUNE, 2009

ALL BEARINGS AND DISTANCES
 COORDINATE SYSTEM (NAD 83) AND
 NORTH CENTRAL ZONE (GCS NAD 83)
 COORDINATE SYSTEM. THE SURVEY
 WAS CONDUCTED BY JOHN F. WILDER
 AND THE COORDINATES WERE
 CONVERTED TO GRID BY DRS/RS/RS
 CONVERSION FACTOR OF 1.00016506.

JOHN F. WILDER
 4285
 LAND PROFESSIONAL SURVEYOR

JOHN F. WILDER, R.P.L.S. No. 4285 DATE

EXHIBIT "A"

County: Dallas
 Roadway: Lake Ridge Parkway

June, 2009
 CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1 (RE) PT 7

BEING A 5,637 SQUARE FOOT PARCEL OF LAND OUT OF THE HEIRS OF S.T. BROWN SURVEY, ABSTRACT NO. 84, TARRANT COUNTY, TEXAS, BEING PART OF A CALLED 11.146 ACRE TRACT OF LAND AS DEEDED TO CRYSTAL PARADISE, LTD., ET.AL. AND RECORDED IN VOLUME 2002123, PAGE 0201, OF THE DEED RECORDS OF DALLAS COUNTY, TEXAS, (DRDCT), AS SHOWN ON THE ATTACHED EXHIBIT "A", AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING FOR REFERENCE at a one inch iron rod found for a northeast corner of said Crystal Paradise tract, being on the south line of a tract of land as deeded to the City of Grand Prairie and recorded in Volume 88015, Page 795 DRDCT, and being the northwest corner of a tract of land as deeded to Dallas County Bail Bond Board and recorded in Volume 89221, Page 1596 DRDCT;

THENCE South 39°31'11" West, directly crossing said Crystal Palace tract, a distance of 1476.92 feet to a half inch iron rod with cap marked "BW2" set to mark the POINT OF BEGINNING;

1. THENCE South 36°40'05" East, a distance of 25.00 feet to a point at the beginning of a non-tangent curve on the proposed new west Right of Way line Lake Ridge Parkway;
2. THENCE with said new Right of Way line, along a curve to the right, having a radius of 2231.83, feet, through a central angle of 01°19'52", an arc distance of 51.85 feet, and having a chord which bears South 53°59'51" West a distance of 51.84 feet to a half inch iron rod with cap marked "BW2" set to mark the point;
3. THENCE South 54°39'47" West, continue with said new Right of way line, a distance of 60.29 feet to a half inch iron rod with cap marked "BW2" set to mark the point;
4. THENCE North 35°20'13" West, with said new Right of Way line, a distance of 21.52 feet to a half inch iron rod with cap marked "BW2" set to mark the point;
5. THENCE North 50°04'18" West, with said new Right of Way line, a distance of 55.30 feet to a half inch iron rod with cap marked "BW2" set to mark the point;

EXHIBIT "A"

County: Dallas
Roadway: Lake Ridge Parkway

June, 2009
CSJ: 0918-45-797

Project Limits: From South of Great Southwest Parkway
To IH 20 South Side Frontage Road

Description of Parcel 1 (RE) PT 7

- 6. THENCE North 76°07'57" East, departing said new Right of Way line and crossing said Crystal Paradise tract, a distance of 134.98 feet to the POINT OF BEGINNING, and containing 5,637 square feet or 0.1294 acres of land.

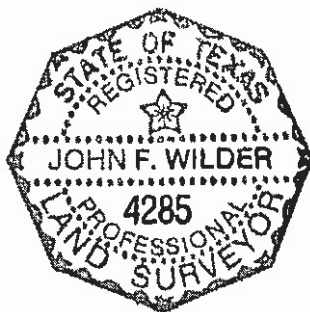
Coordinates: POC: N = 6927806.0235, E = 2419628.4731
POB: N = 6926666.7188, E = 2418688.6440

All bearings and coordinates are based on the Texas State Plane Coordinate System, N.A.D. 83 (1993 Adj.), North Central Zone. All coordinates shown are surface and may be converted to grid by dividing by the TxDOT conversion factor of 1.000136506.

John F. Wilder 7.01.09

John F. Wilder, R.P.L.S.
Texas Registration No. 4285,
BW2 Engineers, Inc.

Date



CURVE TABLE

NUMBER	RADIUS	DELTA ANGLE	LENGTH	CHORD	DIRECTION	CHORD LENGTH
C149	2231.83	01°19'52"	61.85	S 53°59'51" W		51.84

LINE TABLE

NUMBER	DIRECTION	DISTANCE
L67	N 50°04'18" W	55.30'
L68	N 35°20'13" W	21.52'
L69	S 54°39'47" W	60.29'
L73	S 36°40'05" E	25.00'
L74	N 76°07'57" E	134.98'
L413	S 39°31'11" W	1476.92'

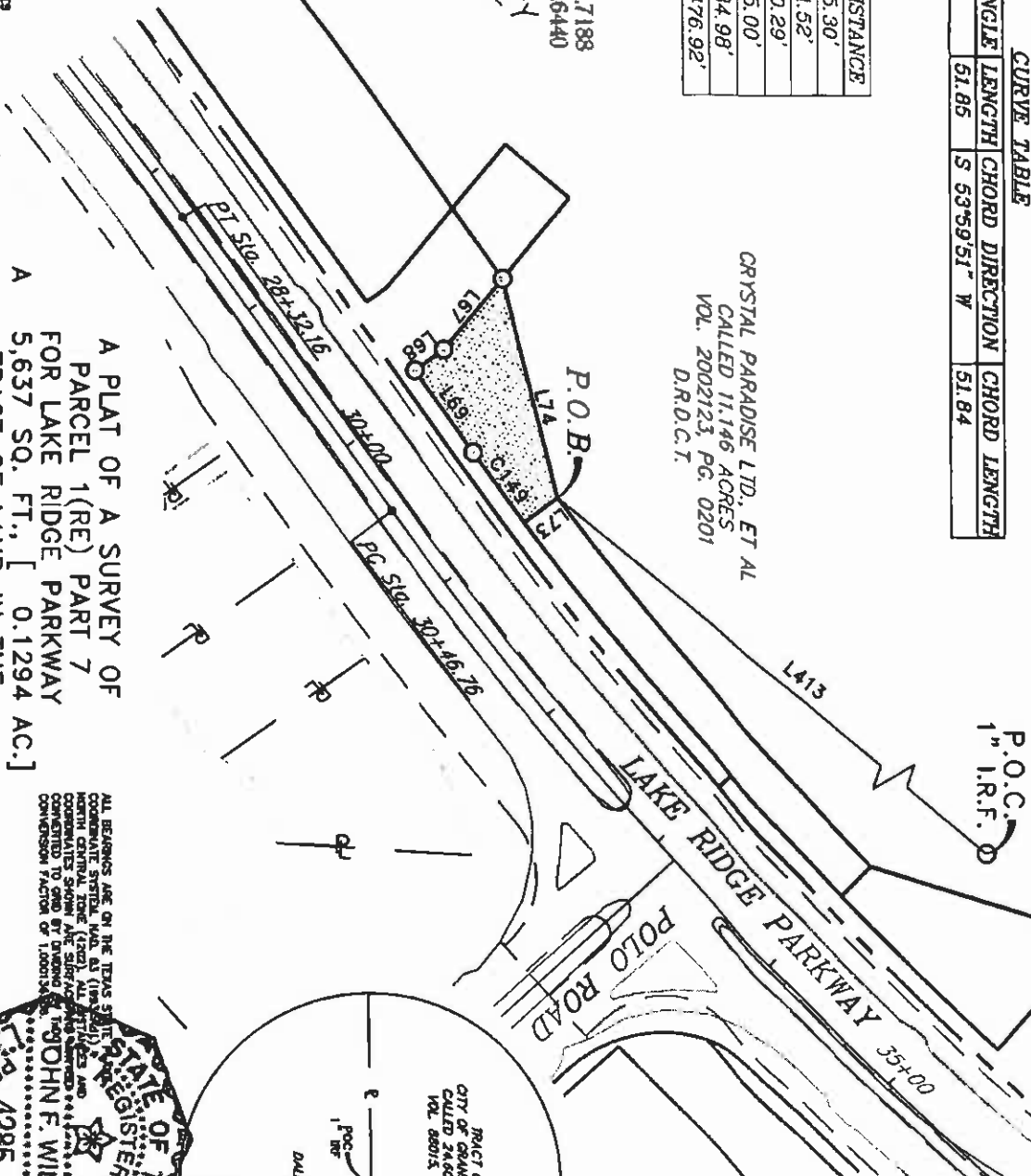
COORDINATES

POC
 N: 69227806.0235 N: 69266666.7188
 E: 2419628.4731 E: 2418688.6440

CRYSTAL PARADISE LTD., ET AL
 CALLED 11.146 ACRES
 VOL. 2002123, PG. 0201
 D.R.O.C.T.

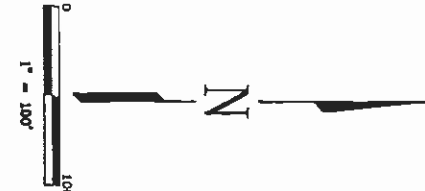
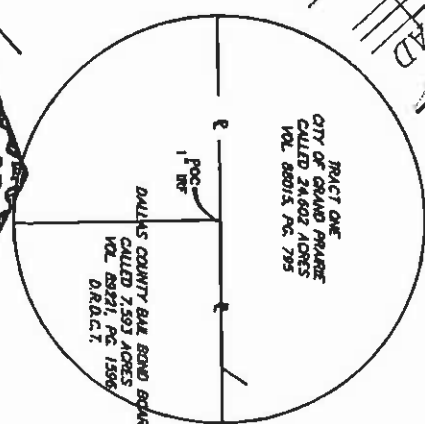
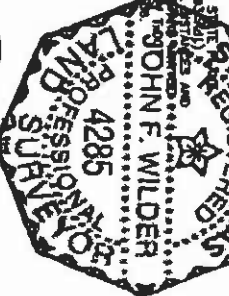
HEIRS OF S.T. BROWN SURVEY
 ABSTRACT NO. 84

- LEGEND**
- ▭ PROPOSED PERMANENT R.O.W.
 - ▨ PROPOSED EASEMENT FOR SLOPE PURPOSES
 - ▧ PROPOSED PERMANENT DRAINAGE EASEMENT
 - ▩ PROPOSED TEMPORARY CONSTRUCTION EASEMENT
 - FROM ROAD ROWED
 - ⊕ MONUMENT FOUND
 - ⊙ NEW U.S. W/COE



A PLAT OF A SURVEY OF
 PARCEL 1(RE) PART 7
 FOR LAKE RIDGE PARKWAY
 5,637 SQ. FT., [0.1294 AC.]
 TRACT OF LAND IN THE
 HEIRS OD S.T. BROWN SURVEY
 ABSTRACT NUMBER 84
 CITY OF GRAND PRAIRIE
 TARRANT COUNTY, TEXAS
 JUNE, 2009

ALL BEARINGS ARE ON THE TEXAS STATE
 COORDINATE SYSTEM, NAD 83 (1983 EDITION),
 NORTH CENTRAL ZONE (2983). ALL DISTANCES AND
 ANGLES ARE AS SHOWN AND INTENDED TO BE
 CORRECTED TO GRID BY THE SURVEYOR.
 JOHN F. WILDER
 CONVERSION FACTOR OF 1.000134



CSJ 0918-45-797

PARCEL 1(RE) PART 7

JOHN F. WILDER, P.L.L.C. No. 4285 DATE

BENCH MARK LIST

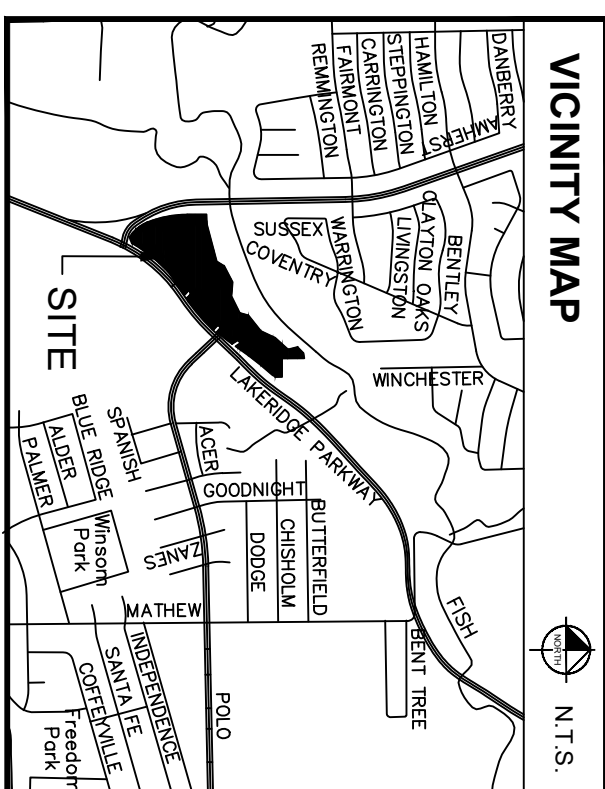
SOURCE BENCHMARKS	ON-SITE BENCHMARKS
GPS MONUMENT 43 A TOP SECURITY ROD MONUMENT WITH ALUMINUM CAP STAMPED GPS 43 SET IN WELL WITH AN ALUMINUM ACCESS COVER SET FLUSH WITH THE GROUND. APPROXIMATELY 230' EAST OF THE NORTHWEST CORNER OF CURB AND 6' NORTHWESTERLY FROM NORTHWEST CORNER OF STORM INLET. PUBLISHED ELEV. 532.95	BANKO MAG NAIL W/SHINER STAMPED "P" CONTROL POINT SET IN THE CONCRETE SIDEWALK AT THE INTERSECTION OF S GREEN SPRINGWAY AND LAKE RIDGE PARKWAY. THE INTERSECTION OF LAKE RIDGE PARKWAY AND POLO ROAD 903' SOUTHEAST OF A DRAINAGE STRUCTURE. ELEV. 512.09
GPS MONUMENT 17 A GPS TOP SECURITY ROD MONUMENT WITH A TAP ON ALUMINUM CAP STAMPED GPS 17 SET IN WELL WITH AN ALUMINUM ACCESS COVER SET FLUSH WITH THE GROUND. NEAR A WITNESS MARKER FROM THE INTERSECTION OF HIGHWAY 360 GO NORTH ALONG FRONTAGE ROAD, WHICH TURNS EAST ON LAKE RIDGE PARKWAY. APPROXIMATELY 100' WEST OF THE INTERSECTION OF LAKE RIDGE PARKWAY AND POLO ROAD 903' SOUTHEAST OF A DRAINAGE STRUCTURE. PUBLISHED ELEV. 526.12	BANKO MAG NAIL W/ SHINER STAMPED "P" CONTROL POINT SET IN CONCRETE SIDEWALK ON THE NORTHWEST SIDE OF LAKE RIDGE PARKWAY, 120' NORTHWEST OF THE INTERSECTION OF LAKE RIDGE PARKWAY AND POLO ROAD, 925' SOUTHWEST OF A TRAFFIC SIGNAL POLE. ELEV. 538.22
	BANKO MAG NAIL W/ SHINER STAMPED "P" CONTROL POINT SET IN CONCRETE SIDEWALK AT THE INTERSECTION OF S GREEN SPRINGWAY AND LAKE RIDGE PARKWAY. THE INTERSECTION OF LAKE RIDGE PARKWAY AND POLO ROAD 903' SOUTHEAST OF A DRAINAGE STRUCTURE. ELEV. 548.38

NOTES:

- Zoning classifications indicated on this plat reflect the zoning in place at the time this plat was approved and does not represent a vested right to the zoning indicated.
- Existing or future minimum setbacks established by City Ordinance shall take precedence over building lines indicated on this plat.
- Beating system based on the Texas Coordinate System of 1983, North Central Zone (4202), North American Datum of 1983 (2011).
- According to Map No. 4843903370L, dated March 21, 2019, and Map No. 4811300445L, dated March 21, 2019, of the Flood Hazard Insurance Program Map, Flood Insurance Risk Map of Tarrant County, Texas, the subject property is located within a special flood hazard area. If this site is not within an identified special flood hazard area, this flood statement does not imply that the property, and/or the structures thereon, will be free from flooding or flood damage. On rare occasions, greater floods can and will occur and flood heights may be increased by man-made or natural causes. This flood statement shall not create liability on the part of the surveyor.
- Streams are to remain natural and maintenance of ponds and streams are solely the responsibility of the property owner.
- The City of Grand Prairie will provide maintenance in accordance with the city's current maintenance policies, of all public drainage facilities located within dedicated drainage easements and constructed to the City of Grand Prairie standards. Access to all public stormwater facilities shall be provided and dedicated to the City of Grand Prairie.
- Vertical datum is based on City of Grand Prairie GPS Monuments #43 & #17.

LINE TABLE	LINE TABLE	LINE TABLE						
NO.	BEARING	LENGTH	NO.	BEARING	LENGTH	NO.	BEARING	LENGTH
L1	S00°42'20"E	67.26'	L10	N05°19'58"W	21.52'	L19	N00°55'33"W	249.12'
L2	S46°31'18"E	5.00'	L11	N60°00'01"W	55.50'	L20	N88°00'54"E	78.11'
L3	N03°17'41"W	70.14'	L12	S64°40'04"W	51.70'	L21	N68°57'48"E	53.28'
L4	S59°00'19"W	49.97'	L13	S00°40'01"E	61.98'	L22	N81°30'09"E	112.07'
L5	S33°15'28"E	91.83'	L14	S05°19'58"W	15.06'	L23	N45°14'11"E	116.88'
L6	N48°09'54"W	75.00'	L15	S64°40'04"W	104.31'	L24	N24°59'00"E	201.74'
L7	S41°48'27"W	50.00'	L16	S64°40'04"W	182.36'	L25	N14°56'12"W	124.29'
L8	S48°09'54"E	75.00'	L17	S70°19'21"W	80.93'	L26	N45°12'06"E	110.01'
L9	S54°40'04"W	60.29'	L18	N21°48'03"W	9.76'	L27	N81°10'51"E	66.90'

CURB TABLE	CHORD BEARING	CHORD LENGTH
NO.	DELTA	RAIUS
C1	0°29'54"	5068.00'
C2	6°24'29"	2231.81'
C3	0°52'29"	1969.86'
C4	7°59'56"	83.00'



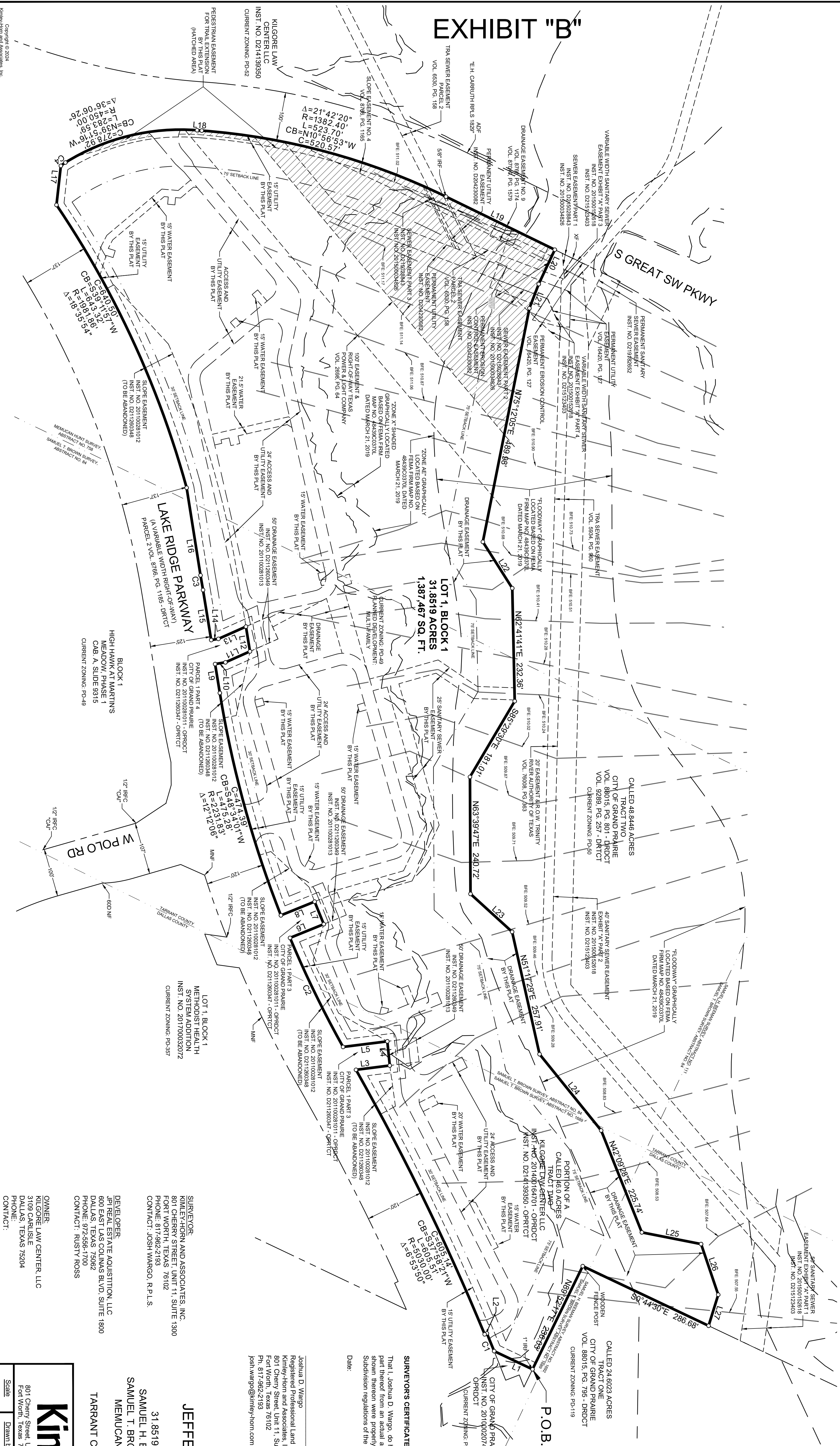
LINE TYPE LEGEND

—————	EQUILANT LINE
---	EASEMENT LINE
---	BOUNDARY LINE

LEGEND

P.O.B. = POINT OF BEGINNING
S.F. = SQUARE FEET
VOL. = VOLUME
PG. = PAGE
B.D.F. = BRASS DISK FOUND
INST. NO. = INSTRUMENT NUMBER
I.R.F. = IRON ROD FOUND
R.F.C. = IRON ROD WITH CAP FOUND
P.F.C. = POINT FOR CORNER
B.F.E. = BASE FLOOD ELEVATION

EXHIBIT "B"



SURVEYOR'S CERTIFICATE

That I, Joshua D. Wargo, do hereby certify that I prepared this plat and the field notes made a part thereof from an actual and accurate survey of the land and that the corner monuments shown thereon were properly placed under my personal supervision, in accordance with the Subdivision regulations of the City of Grand Prairie, Texas.

Date: _____

Joshua D. Wargo
Registered Professional Land Surveyor No. 6391
801 Cherry Street, Unit 11, Suite 1300
Fort Worth, Texas 76102
P# 817-962-2193
josh.wargo@kimley-horn.com

PRELIMINARY

THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSES AND SHOWN OR REFERRED UPON AS A FINAL SURVEY DOCUMENT.

PRELIMINARY PLAT FOR INSPECTION PURPOSES ONLY

PRELIMINARY PLAT
JEFFERSON AT LAKE RIDGE
LOT 1, BLOCK 1
3,851.9 ACRES / 1,387,467 SQUARE FEET
SAMUEL H. BEEMANN SURVEY, ABSTRACT NO. 1692
SAMUEL T. BROWN SURVEY, ABSTRACT NOS. 84 & 1689
MENEUCAN HUNT SURVEY, ABSTRACT NO. 758
CITY OF GRAND PRAIRIE
TARRANT COUNTY AND DALLAS COUNTY, TEXAS
CASE NO. PLT-23-12-0073

Kimley»Horn

DEVELOPER:
PI REAL ESTATE ACQUISITION, LLC
800 WEST 11TH STREET, SUITE 1800
DALLAS, TEXAS 75204
CONTACT: RUSTY ROSS

SURVEYOR:
KIMLEY-HORN AND ASSOCIATES, INC.
801 CHERRY STREET, UNIT 11, SUITE 1300
FORT WORTH, TEXAS 76102
PHONE: 817-962-2193
CONTACT: JOSH WARGO, R.P.L.S.

OWNER:
KILGORE LAW CENTER, LLC
3109 CARLSLE
DALLAS, TEXAS 75204
CONTACT: _____

Scale: 1" = 100'
Drawn by: DJW
Checked by: DJW
Date: 2/14/2024
Project No: 064446558
Sheet No: 1 OF 2

OWNER'S CERTIFICATE

STATE OF TEXAS §
COUNTY OF TARRANT §
COUNTY OF DALLAS §

WHEREAS Kilgore Law Center, LLC is the owner of a 31.8519 acre (1,387,467 square foot) tract of land being situated in the Samuel H. Beeman Survey, Dallas County Abstract No. 1692, the Samuel T. Brown Survey, Tarrant County Abstract No. 84, Dallas County Abstract No. 1689, and the Memucan Hunt Survey, Tarrant County Abstract No. 758, City of Grand Prairie, Dallas County, and Tarrant County, Texas, and being part of a called 46.0 acre tract (Tract Two) described in General Warranty Deed to Kilgore Law Center, LLC, as nominee for the "Martin Heirs", recorded in Instrument No. 201400164701, Official Public Records, Dallas County, Texas, and recorded in Instrument No. D214139350, Official Public Records, Tarrant County, Texas, and being more particularly described as follows:

BEGINNING at a 1-inch iron rod found for the easternmost northeast corner of the said called 46.0 acre tract:

THENCE South 0°42'20" East, along the east line of the said called 46.0 acre tract, a distance of 87.36 feet to a point at the beginning of a non-tangent curve to the left having a central angle of 0°26'54", a radius of 5035.00 feet, a chord bearing and distance of South 41°38'43" West, 39.40 feet, and being in the northwest right-of-way line of Lake Ridge Parkway, a variable width right-of-way, described as Parcel 1 in the Right-of-Way Deed to the City of Grand Prairie, Texas recorded in Instrument No. 201100281011, said Official Public Records, Dallas County, Texas, and recorded in Instrument No. D211260347, said Official Public Records, Tarrant County, Texas;

THENCE along the said northwest right-of-way line, and along the northwest line of said Parcel 1, the following twenty-two (22) calls:

In a southwesterly direction, with said curve to the left, an arc distance of 39.40 feet to a point for corner;

South 48°31'18" East, a distance of 5.00 feet to a point at the beginning of a non-tangent curve to the left having a central angle of 6°53'50", a radius of 5030.00 feet, a chord bearing and distance of South 37°58'21" West, 605.14 feet;

In a southwesterly direction, with said curve to the left, an arc distance of 605.51 feet to a point for corner;

North 33°17'41" West, a distance of 70.14 feet to a point for corner;
South 58°09'19" West, a distance of 49.97 feet to a point for corner;

South 33°15'26" East, a distance of 91.83 feet to a point at the beginning of a non-tangent curve to the right having a central angle of 6°24'29", a radius of 2231.83 feet, a chord bearing and distance of South 37°58'44" West, 249.48 feet;

In a southwesterly direction, with said curve to the right, an arc distance of 249.61 feet to a point for corner;

North 48°09'54" West, a distance of 75.00 feet to a point for corner;
South 41°49'27" West, a distance of 50.00 feet to a point for corner;

South 48°09'54" East, a distance of 75.00 feet to a point at the beginning of a non-tangent curve to the right having a central angle of 12°12'06", a radius of 2231.83 feet, a chord bearing and distance of South 48°34'01" West, 474.39 feet;

In a southwesterly direction, with said curve to the right, an arc distance of 475.28 feet to a point for corner;

South 54°40'04" West, a distance of 60.29 feet to a point for corner;
North 35°19'56" West, a distance of 21.52 feet to a point for corner;
North 50°04'01" West, a distance of 55.30 feet to a point for corner;
South 54°40'04" West, a distance of 51.70 feet to a point for corner;
South 50°04'01" East, a distance of 61.98 feet to a point for corner;
South 35°19'56" East, a distance of 15.06 feet to a point for corner;

South 54°40'04" West, a distance of 104.31 feet to a point at the beginning of a tangent curve to the left having a central angle of 0°53'28", a radius of 1969.86 feet, a chord bearing and distance of South 54°13'20" West, 30.64 feet;

In a southwesterly direction, with said curve to the left, an arc distance of 30.64 feet to a point for corner;

South 54°54'24" West, a distance of 182.36 feet to a point at the beginning of a non-tangent curve to the left having a central angle of 18°35'54", a radius of 1981.86 feet, a chord bearing and distance of South 39°11'57" West, 640.50 feet;

In a southwesterly direction, with said curve to the left, an arc distance of 643.32 feet to a point for corner;

South 70°19'21" West, a distance of 80.93 feet to a point at the beginning of a non-tangent curve to the right having a central angle of 7°59'56", a radius of 83.00 feet, a chord bearing and distance of North 61°54'27" West, 11.58 feet, and being in the east right-of-way line of Great Southwest Parkway, a variable width right-of-way, described as Parcel 2 in the Warranty Deed to the City of Grand Prairie, Texas recorded in Volume 8766, Page 1185, Deed Records, Tarrant County, Texas;

THENCE along the said east right-of-way line, and along the east line of said Parcel 2, the following five (5) calls:

In a northwesterly direction, with said curve to the right, an arc distance of 11.59 feet to a point at the beginning of a compound curve to the right having a central angle of 36°06'26", a radius of 450.00 feet, a chord bearing and distance of North 39°51'16" West, 278.92 feet;

In a northwesterly direction, with said curve to the right, an arc distance of 283.59 feet to a point for corner, from which a 1/2-inch iron rod found bears South 68°35'09" West, a distance of 0.52 feet;

North 21°48'03" West, a distance of 9.76 feet to a point at the beginning of a tangent curve to the right having a central angle of 21°42'20", a radius of 1382.40 feet, a chord bearing and distance of North 10°56'53" West, 520.57 feet, from which a 1/2-inch iron rod found bears South 83°37'08" West, a distance of 0.64 feet;

In a northwesterly direction, with said curve to the right, an arc distance of 523.70 feet to a 5/8-inch iron rod found for corner, from which a 5/8-inch iron rod with cap stamped "GORRRONDONA" found bears North 81°23'51" East, a distance of 0.42 feet;

North 0°05'43" West, a distance of 249.12 feet to a point for corner, being in the centerline of Fish Creek, from which an "+" cut found bears North 0°40'48" West, a distance of 40.68 feet;

THENCE with the centerline meanders of Fish Creek, the following fourteen (14) calls:

North 89°00'54" East, a distance of 78.11 feet to a point for corner;
North 84°57'48" East, a distance of 53.28 feet to a point for corner;
North 75°12'05" East, a distance of 489.98 feet to a point for corner;
North 31°30'06" East, a distance of 112.97 feet to a point for corner;
North 62°41'14" East, a distance of 232.36 feet to a point for corner;
South 85°29'30" East, a distance of 181.01 feet to a point for corner;
North 63°39'47" East, a distance of 240.72 feet to a point for corner;
North 16°14'11" East, a distance of 115.85 feet to a point for corner;
North 51°17'29" East, a distance of 257.91 feet to a point for corner;
North 24°59'00" East, a distance of 201.74 feet to a point for corner;
North 42°09'28" East, a distance of 225.74 feet to a point for corner;
North 14°56'12" West, a distance of 124.29 feet to a point for corner;
North 45°12'08" East, a distance of 110.01 feet to a point for corner;

North 81°10'51" East, a distance of 66.90 feet to a point for corner, being in the west line of a called 24.6023 acre tract (Tract One) described in the Warranty Deed to the City of Grand Prairie, Texas recorded in Volume 88015, Page 795, Deed Records, Dallas County, Texas;

THENCE South 0°44'30" East, along the west line of the said called 24.6023 acre tract, and along the northernmost east line of the aforementioned 46.0 acre tract, a distance of 286.68 feet to a wooden fence post found at an interior corner of the said called 46.0 acre tract;

THENCE North 89°52'17" East, along the easternmost north line of the said called 46.0 acre tract, a distance of 236.03 feet (record deed distance 233.07 feet) to the POINT OF BEGINNING, and containing 31.8519 acres or 1,387,467 square feet of land, more or less.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

That KILGORE LAW CENTER, LLC does hereby adopt this plat designating the hereon above described property as JEFFERSON AT LAKE RIDGE, LOT 1, BLOCK 1, an addition to the City of Grand Prairie, Texas and does hereby dedicate to the City of Grand Prairie in fee simple forever the streets, alleys and storm water conveyance areas shown thereon. The easements shown thereon are hereby dedicated and reserved for the purposes as indicated. The utility, access, GPS monuments and fire lane easements shall be open to the public and private utilities for each particular use. The maintenance of paving on the utility, access and fire lane easements is the responsibility of the property owner. No buildings or other improvements, including fences, shall be permitted in an erosion hazard easement. No buildings or other improvements or growths, except fences, vegetation, driveways, and sidewalks less than 6 feet in width shall be constructed or placed upon, over or across the easements as shown except as permitted by City Ordinances. No improvements that may obstruct the flow of water may be constructed or placed in drainage easements. Any public utility shall have the right to remove and keep removed all or parts of the encroachments allowed above which in any way endanger or interfere with the construction, maintenance or efficiency of its respective system on the easements, and all public utilities shall at all times have the full right of ingress and egress to or from and upon the said easements for the purpose of constructing, reconstructing, inspecting, patrolling, maintaining and adding to or removing all or parts of its respective systems without the necessity at any time of procuring the permission of anyone. Any public utility shall have the right of ingress and egress to private property for the purpose of reading meters and any maintenance and service required or ordinarily performed by that utility.

This plat approved subject to all platting ordinances, rules, regulations and resolutions of the City of Grand Prairie, Texas.

WITNESS MY HAND at _____, this the _____ day of _____, 20__.

KILGORE LAW CENTER, INC

BY: _____
Name, Title

STATE OF _____ §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, a Notary Public in and for said county and state, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

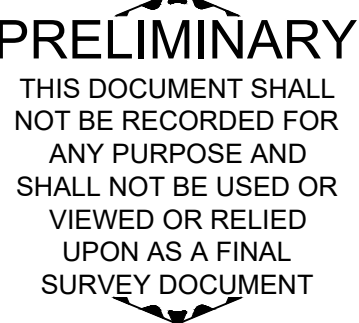
Given under my hand and seal of office this the _____ day of _____, 20__.

Notary Public in and for the State of _____

SURVEYOR'S CERTIFICATE

That I, Joshua D. Wargo, do hereby certify that I prepared this plat and the field notes made a part thereof from an actual and accurate survey of the land and that the corner monuments shown thereon were properly placed under my personal supervision, in accordance with the Subdivision regulations of the City of Grand Prairie, Texas.

Date:



Joshua D. Wargo
Registered Professional Land Surveyor No. 6391
Kimley-Horn and Associates, Inc.
801 Cherry Street, Unit 11, Suite 1300
Fort Worth, Texas 76102
Ph. 817-962-2193
josh.wargo@kimley-horn.com

PRELIMINARY PLAT FOR INSPECTION PURPOSES ONLY

STATE OF TEXAS §
COUNTY OF TARRANT §

BEFORE ME, the undersigned authority, a Notary Public in and for said county and state, on this day personally appeared Joshua D. Wargo, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

Given under my hand and seal of office this the _____ day of _____, 20__.

Notary Public in and for the State of Texas

PRELIMINARY PLAT
JEFFERSON AT LAKE RIDGE
LOT 1, BLOCK 1
31.8519 ACRES / 1,387,467 SQUARE FEET
SAMUEL H. BEEMAN SURVEY, ABSTRACT NO. 1692
SAMUEL T. BROWN SURVEY, ABSTRACT NOS. 84 & 1689
MEMUCAN HUNT SURVEY, ABSTRACT NO. 758
CITY OF GRAND PRAIRIE
TARRANT COUNTY AND DALLAS COUNTY, TEXAS
CASE NO. PLT-23-12-0073

Kimley»Horn
801 Cherry Street, Unit 11, # 1300 Fort Worth, Texas 76102
FIRM # 10194040
Tel. No. (817) 335-6511
www.kimley-horn.com
Scale: N/A, Drawn by: DMD, Checked by: JDW, Date: 2/14/2024, Project No.: 064446558, Sheet No.: 2 OF 2



CITY OF GRAND PRAIRIE COMMUNICATION

MEETING DATE: 07/16/2024
PRESENTER: Noreen Housewright, Director of Engineering/Utility Services
TITLE: Ratification of an expenditure for an emergency water main replacement repair at the intersection of Beltline and Marshall in the total amount of \$127,267.00 using the existing Annual Water/Wastewater Repair and Replacement Services Agreement with North Texas Contracting, Inc.
REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

Table with 3 columns: Vendor Name, Annual Cost, Total Cost. Row 1: North Texas Contracting, Inc., \$127,267.00

PURPOSE OF REQUEST:

A leak on a 24-inch water main at the northeast corner of the Marshall and Beltline intersection was identified, resulting in a substantial water loss. Upon investigation, the water main that needed repair was approximately 16 feet to the top of the main line, and the fully exposed trench was 20 ft deep, which is beyond the capacity of City staff. The impact of the water line not being in service for an extending period would have put strain on the smaller water lines in the area that supply water to multiple neighborhoods, schools and businesses.

Local Government Code Chapter 252 allows for an exemption from the bid process for procurement necessary because of unforeseen damage to public machinery, equipment, or other property.

The City has an existing Annual Water/Wastewater Repair and Replacement Services Agreement with North Texas Contracting, Inc. Due to the critical nature of this emergency, we requested and were approved to waive the normal bidding procedures and had the work performed through the City's existing Agreement with North Texas Contracting, Inc., in the amount of \$127,267.00.

Exigency purchases are exempt from bidding requirements as stated in Section 252.022 of the Local Government Code. State law clarifies exigency as a procurement necessary to preserve or protect the public health or safety of the municipality's residents.

FINANCIAL CONSIDERATION:

Table with 2 columns: Budgeted? (checked), Fund Name: Water CIP Fund

ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Invoice

APPLICATION AND CERTIFICATE FOR PAYMENT

AIA DOCUMENT G702

PAGE 1 of 1

TO: City of Grand Prairie
620 Small Hill Drive
Grand Prairie, TX 75050

PROJECT: Belt Line RCCP Emergency Repair
CONTRACT FOR: Site Utilities

APPLICATION NO: 1
PERIOD FROM: 5/1/2024
TO: 5/31/2024

Distribution to:

FROM: North Texas Contracting Inc.
4999 Keller Haslet Rd. P.O. 468
Keller, TX, 76248

VIA ARCHITECT: N/A

CONTRACT: Site Utilities
CONTRACT DATE: 4/29/2024

Application is made for Payment, as shown below in connection with the Contract.
Continuation Sheet, AIA Document G703, is attached.

CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by Owner			
TOTAL			
Approved this Month			
Number	Date Approved		
0		\$0.00	
TOTALS			
Net change by Change Orders		\$0.00	\$0.00

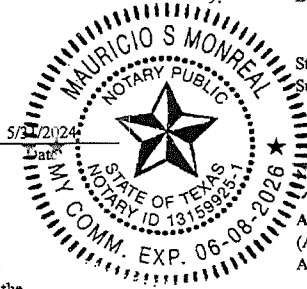
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

1.	ORIGINAL CONTRACT SUM.....	\$	127,267.00
2.	Net change by Change Orders.....	\$	-
3.	CONTRACT SUM TO DATE (Line 1 +/- 2).....	\$	127,267.00
4.	TOTAL COMPLETED & STORED TO DATE..... (Column G on G703)	\$	127,267.00
5.	RETAINAGE		
	a. Completed Work retainage held 0%	\$	-
	(Column D +E on G703)		
	b. Stored Materials retainage held 0%	\$	-
	(Column F on G703)		
	Total Retainage (Line 5a + 5b or Total in Column I of G703)	\$	-
6.	TOTAL EARNED LESS RETAINAGE..... (Line 4 less Line 5 Total)	\$	127,267.00
7.	LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	-
8.	CURRENT PAYMENT DUE.....	\$	127,267.00
9.	BALANCE TO FINISH, PLUS RETAINAGE	\$	-
	(Line 3 less Line 6)		

CONTRACTOR: North Texas Contracting Inc.

State of: TEXAS County of: Tarrant
Subscribed and sworn to before me this 31st day of May, 2024.

By: [Signature]



Date: 5/31/2024
My Commission expires: 6/8/26

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED..... \$ -
(Attach explanation if amount certified differs from the amount applied for.)
ARCHITECT:

By: _____ Date: _____
This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Inspected and Approved for Payment.

By: Addicus Hughes
Sign: A. Hughes
Date: 6-4-24



CITY OF GRAND PRAIRIE - BELT LINE RD 24" RCCP EMERGENCY REPAIR

PAY APP #001 - MAY 2024

LABOR BREAKDOWNS (10 HOUR DAYS)	REGULAR HOURS	REGULAR RATES	OT HOURS	OT RATES	TOTAL AMOUNT
DESCRIPTION					
SUPERINTENDENT	58.0	\$ 65.00	14.5	\$ 97.50	\$ 5,183.75
PIPE CREW FOREMAN	58.0	\$ 56.00	14.5	\$ 84.00	\$ 4,466.00
TRACK HOE OPERATOR	58.0	\$ 29.50	14.5	\$ 44.25	\$ 2,352.63
LOADER OPERATOR	58.0	\$ 28.50	14.5	\$ 42.75	\$ 2,272.88
PIPE LAYER - SKILLED	58.0	\$ 27.00	14.5	\$ 40.50	\$ 2,153.25
PIPE LAYER HELPER - SKILLED	58.0	\$ 26.00	14.5	\$ 39.00	\$ 2,073.50
LABORER - SEMI SKILLED	58.0	\$ 25.50	14.5	\$ 38.25	\$ 2,033.63
LABORER - SEMI SKILLED	58.0	\$ 24.50	14.5	\$ 36.75	\$ 1,953.88
TRUCK DRIVER - HAUL TRUCK	16.0	\$ 31.00	4.0	\$ 46.50	\$ 682.00
TRUCK DRIVER - FUEL TRUCK	14.5	\$ 31.00	0.0	\$ 46.50	\$ 449.50
LABOR SUBTOTAL					\$ 23,621.00

EQUIPMENT (SEE ATTACHED BLUE BOOK RATES)	UNIT	REGULAR HOURS	REGULAR RATES	TOTAL AMOUNT
DESCRIPTION				
FOREMAN / SUPT / PE TRUCK / VEHICLE	HR	145.0	\$ 27.03	\$ 3,919.35
FUEL TRUCK (2HR/DAY)	HR	14.5	\$ 97.73	\$ 1,417.09
HAUL TRUCK W/ LOW BOY TRAILER	HR	20.0	\$ 128.39	\$ 2,567.80
KOMATSU 490 EXCAVATOR	HR	72.5	\$ 266.30	\$ 19,306.75
KOMATSU WHEEL LOADER	HR	72.5	\$ 84.98	\$ 6,161.05
48" COMPACTOR	HR	42.5	\$ 88.93	\$ 3,779.53
LIGHT TOWER	HR	72.5	\$ 9.80	\$ 710.50
AIR COMPRESSOR	HR	53.0	\$ 39.83	\$ 2,110.99
SHORING W/ ROAD PLATES	LS	1.0	\$ 9,500.00	\$ 9,500.00
SMALL TOOLS	DAY	7.0	\$ 200.00	\$ 1,400.00
BARRICADES	LS	1.0	\$ 6,000.00	\$ 6,000.00
PORTA JOHN	LS	1.0	\$ 500.00	\$ 500.00
EQUIPMENT SUBTOTAL				\$ 57,373.05

MATERIALS / MISCELL	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
DESCRIPTION				
ARCO CONTRACTORS SUPPLY	LS	1	\$ 4,490.44	\$ 4,490.44
LB TRANSPORTATION	LS	1	\$ 382.00	\$ 382.00
P&K STONE	LS	1	\$ 411.98	\$ 411.98
SILVER CREEK MATERIALS	LS	1	\$ 136.00	\$ 136.00
MATERIAL REIMBURSEMENTS	LS	1	\$ 997.88	\$ 997.88
MATERIAL SUBTOTAL				\$ 6,418.30

SUBCONTRACTORS	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
DESCRIPTION				
GREEN SCAPING - HYDRO MULCH	LS	1	\$ 2,658.60	\$ 2,658.60
RANGELINE - WELD POINT REPAIR	LS	1	\$ 4,330.50	\$ 4,330.50
SUBCONTRACT SUBTOTAL				\$ 6,989.10

TOTALS & MARK UP SUMMARY	QUANTITY	UNIT OF MEASURE	UNIT PRICE	TOTAL AMOUNT
BARE LABOR COST	1	LS	\$ 23,621.00	\$ 23,621.00
LABOR BURDENS	43%	PCT	\$ 23,621.00	\$ 10,157.03
LABOR MARKUP	20%	PCT	\$ 33,778.03	\$ 6,755.61
EQUIPMENT SUBTOTAL	1	LS	\$ 57,373.05	\$ 57,373.05
EQUIPMENT MARKUP	20%	PCT	\$ 57,373.05	\$ 11,474.61
MATERIALS SUBTOTAL	1	LS	\$ 6,418.30	\$ 6,418.30
MATERIALS MARKUP	20%	PCT	\$ 6,418.30	\$ 1,283.66
SUBCONTRACTOR SUBTOTAL	1	LS	\$ 6,989.10	\$ 6,989.10
SUBCONTRACTOR MARKUP	10%	PCT	\$ 6,989.10	\$ 698.91
BOND	2%	PCT	\$ 124,771.27	\$ 2,495.43
Inspected and Approved for Payment.				
COST TOTAL				\$ 127,266.69
COST TOTAL, ROUNDED				\$ 127,267.00

By: Adrian Hughes
 Sign: A. Hughes
 Date: 6-4-24



CITY OF GRAND PRAIRIE COMMUNICATION

MEETING DATE: 07/16/2024
PRESENTER: Noreen Housewright, Director of Engineering/Utility Services
TITLE: Professional Engineering Services contract with Gresham Smith for an amount not to exceed \$300,000.00 for the design of the Phase 1 Trinity River Authority (TRA) Basin 3.0W Capital Improvements Project
REVIEWING COMMITTEE: (Reviewed by City Council Development Committee on 07/16/2024)

SUMMARY:

Table with 2 columns: Vendor Name, Total Cost. Row 1: Gresham Smith, \$155,537.00

PURPOSE OF REQUEST:

The purpose of this contract is to provide professional engineering services for the design of wastewater improvements in the Basin 3.0W area located in the north-central portion of Grand Prairie, between Main Street and I-30 just west of Beltline Road and east of Stadium Drive. The proposed improvements include replacement of approximately 3,300 LF of existing wastewater mains along with the rehabilitation and/or replacement of 15 existing manholes. These services include the preparation of area surveys, topographic documents, engineering design, bidding phase, and construction phase services.

In December 2023, Gresham Smith completed the City of Grand Prairie’s Sanitary Sewer Evaluation Survey (SSES) which identified the defective sewer mains and manholes in the Basin 3.0W that were experiencing large volumes of inflow/infiltration (I/I). The proposed improvements will lower the I/I flows in the Basin, which will alleviate the overall flow volumes entering the collection system.

PROCUREMENT DETAILS:

Procurement Method: [] Cooperative/Interlocal [] RFB/RFP [] Sole Source [x] Professional Services [] Exempt

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Wastewater CIP Fund
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If Capital Improvement:					
Total Project Budget	\$1,000,000.00	Proposed New Funding:	\$0	Remaining Funding:	\$844,463.00

ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Vendor Proposal



June 13, 2024

Mr. Dan Nolen, P.E.,
Senior Civil Engineer
300 W Main Street, Grand Prairie
Grand Prairie, Texas 75050

Subject: Proposal for Engineering Services for
Design of Wastewater Main and Manholes Replacement/Rehabilitation for
Basin 3.0W

Dear Mr. Nolen,

We appreciate the opportunity to present a proposal for the engineering design of the wastewater mains and sewer manhole rehabilitation in the City of Grand Prairie.

PROJECT UNDERSTANDING AND DESCRIPTION:

The inflow/infiltration (I/I) study released by the Trinity River Authority (TRA) in 2019. The study identified Basin 3.0W as one of the basins with a high peaking factor, making it a candidate for an extensive Sanitary Sewer Evaluation Survey (SSES). The results of the survey completed by Gresham Smith in December of 2023, indicated that 15,000 LF of wastewater main and 75 manholes would need to be replaced and/or rehabilitated to reduce the I/I in the Basin 3.0W. To meet the City's budget constraints, Gresham Smith proposes to complete this project in three phases within three consecutive years.

Phase 1 of this project consists of the engineering design, bidding phase, and construction phase services of approximately 3,300 LF of existing wastewater mains, along with associated manholes and 3 manholes (see attached map) with deteriorated condition, identified for rehabilitation in Basin 3.0W in the City of Grand. These mains and manholes were identified as part of the City of Grand Prairie's Sanitary Sewer Evaluation Survey (SSES), completed in December of 2023. The three sewer mains within estimated construction cost of \$1,023,492.40 are listed below:

- Church Street from W. Center to N.E. 5th
- N.E. 4th Street from 150 north Small Hill Drive to High School Drive
- North Street from N.E. 4th Street to N.E. 5th Street

The three manholes are shown in the attached map with an estimated cost of \$33,000 (approximately \$11,000/per manhole).



214.350.1500
Greshamsmith.com

500 N Akard Street, Suite 3210
Dallas, TX 75201

Mr. Dan Nolen, P.E.
June 13, 2024

The total estimated construction cost for both the three sewer mains, along with associated manholes and the three manholes is \$1,056,492.40, based on a preliminary development (pre-design) of an Engineer's Opinion of Probable Construction Cost (OPCC).

Our detailed proposed scope of services is as follows:

SCOPE OF SERVICES:

Basic Services

TASK 1. DESIGN MANAGEMENT.

- Coordination with the City and the design Team
- Communications and Reporting
- Attend a pre-design project kickoff/chartering meeting with City staff to confirm and clarify scope, understand the City's objectives, and ensure economical and functional designs that meet City requirements (assume 1 meeting)
- Conduct review meetings with the City at the end of each design milestone (assume 4 meetings)
- Attend quarterly franchise utility meetings (assume 4 meetings)
- Prepare invoices and submit them monthly in the format agreed by the City
- Prepare and submit monthly progress reports in the format agreed by the City
- Prepare and submit baseline Project Schedule initially, and Project Schedule updates with a schedule narrative monthly.
- Coordinate with other agencies and entities, such as TCEQ, as necessary for the design of the proposed infrastructure, and provide and obtain information needed to prepare the design

ASSUMPTIONS:

- 2 meetings will be conducted with City staff
- 12 monthly progress reports will be prepared during design phase services
- 12 monthly project schedule updates will be prepared during design phase services

Task 2: Preliminary (65%) and Detailed Design Deliverables)

This task includes the development of 65% and 95% design plans and specifications for the wastewater pipeline design and manhole rehabilitation/replacement. A detailed scope for the design of phase for each project component is provided below.

Task 2a –Pipeline Design

- Coordination with Grantham & Associates, Inc. for obtaining topo survey and review of provided data
- Develop design plan and profile sheets which show the proposed sanitary sewer plan/profile, recommended pipe size, manholes, existing utilities and utility easements, and all pertinent information needed to construct the project
- Identification of potential utility conflicts (Utility Matrix)

Mr. Dan Nolen, P.E.
June 13, 2024

- Identify construction approach (i.e., Open-cut, CIPP, Pipe bursting.)
- Permanent or temp pavement trench repair, rendering coordination with Transportation Department
- Updating the Opinion of Probable Construction Cost (OPCC)
- Development of technical specifications
- Draft field notes/sketches for all required ROW/Easement Acquisition (if required)
- Draft exhibits for Temporary Construction Easements (if required).

Task 2b – Manhole Rehabilitation/Replacement

- Identification of appropriate Manhole Rehab Techniques based of Manhole Condition Data Provided as Part of the SSES Study (i.e., grouting, lining, polyurethane spray, manhole replacement)
- Identification of potential utility conflicts (Utility Matrix)
- Updating the Opinion of Probable Construction Cost (OPCC)
- Development of Technical Specifications

Gresham Smith will provide digital PDFs of the Design Phase documents. The City will provide compiled comments within 2 weeks of deliverables. Gresham Smith will incorporate the comments into the design and proceed to the next task.

Deliverables: 65% Specifications and OPCCs in electronic (pdf) format

Task 3: Final Design (95% & 100%) Design Plans and Construction Documents

After acceptance of Task 2 above by the City, Gresham Smith will finalize the Construction Documents in preparation for bidding the project. For purposes of this proposal, we have assumed the preparation and delivery of a single bid package for the wastewater mains and manholes. Coordination with the City's Procurement Department and inclusion of any City-standard front-end specifications sections are included in this task.

- Final Utility Matrix.
- Submit Updated Project Schedule.
- Submit draft WORD Bid Book
- Prepare final Bidding and Contract Documents – (Pipelines and Manhole Rehab)
- Prepare final Opinion of Probable Construction Costs.
- Submit a PDF set of the final design to the City for approval.
- Complete the final design to reflect final review comments.
- Submit the final updated utility matrix.
- Submit final ROW/Easement documents including field notes and sketches as required by the contract.

Deliverables: Construction Plans and Specifications in electronic (pdf) format and up to 5 bound bid books and up to 5, 11x17 (half-sized drawings), and specifications.

Task 4: Bidding Phase Services

Mr. Dan Nolen, P.E.
June 13, 2024

Gresham Smith will support the bid phase of the project as follows.

- Upload all plans and contract documents onto CivCast for access to potential bidders.
- Attend the prebid conference in support of the CITY.
- Prepare and keep the official pre-bid meeting attendance roster
- Prepare responses to all bidders' questions and requests electronically
- Prepare addenda for bidding document modifications
- Attend the bid opening in support of the CITY.
- Tabulate and review all bids received for the construction
- Assist the CITY in determining the qualifications and acceptability of prospective contractors, subcontractors, and suppliers.
- Assist the CITY in evaluating bids and recommend award of the contract.

Gresham Smith will attend up to one pre-bid meeting and assist the City with bidding services including posting to CivCast, responding to bidder's questions, preparing addenda, evaluating bids, and providing the City with an award recommendation. We assume that the bid package will be bid within 1 year of design completion.

Deliverables: Addenda, Award Recommendation Letter

Task 5: Construction Administration / Construction Observation (CA/CO)

The total CA/CO level of effort is assumed to include submittal reviews, site visits for construction observation, and providing responses/ recommendations for RFIs and change orders.

- Respond to RFI and provide necessary interpretations and clarifications of contract documents (up to 8)
- Review shop drawings and submittals for conformance to project plan and specifications (up to 8)
- Review change orders and make recommendations (up to 2)
- Attend the "Final Walk Through" and assist with preparation of final punch list
- Prepare Engineer's record drawings using information of changes from the Contractor and CITY project manager

Deliverables: Up to 3 Full size Conformed Construction Plans and Specifications in electronic (pdf) format and up to 6 bound bid books and up to 10 11x17 (half-sized drawings), and specifications.

SCHEDULE:

Mr. Dan Nolen, P.E.
June 13, 2024

The Gresham Smith Team is prepared to begin work immediately upon receipt of the NTP from the City. Our team is prepared to complete Task 1 in 3 months and deliverable of 65% Design Documents (Task 2) in 4 months, deliverable of 95% (Task 3) Design Documents in 2 months after receipt of City comments on 65% deliverable, and deliverable of 100% (Task 3) Construction Documents in 1 month after receipt of City comments on 95% deliverable.

EXCLUSIONS:

The following items are excluded from the scope of work but can be provided as an amendment to the scope upon written agreement:

- Design Report is not included in the scope of work per discussion with the City
- Public Involvement & Meetings
- Subsurface Utility Engineering (SUE) Level C, B and A.
- Design of Water Main and Storm Sewer Relocation
- ADA Requirements and/or TDLR Review
- Roadway Replacement Design
- Franchise Utility Relocation Design
- Right of Way Acquisition Services and Documentation for Obtaining Easements/Right of Way
- Section 404 Permitting

SUMMARY OF DESIGN FEE:

Task 1-Project Management

- Fee: \$28,110.00

Task 2 – Preliminary (65% Design)

- Fee \$ \$52,120.00

Task 3 – Final Construction Documents

- Fee: \$29,200.00

Task 4 – Bidding Phase Services

- Fee: \$9,240.00

Task 5 – Construction Phase Services

- Fee: \$8,460.00

Basic Services Fee \$127,130.00

Topographic Survey

- Fee: \$ 27,907.00

Printing Cost



214.350.1500
Greshamsmith.com

500 N Akard Street, Suite 3210
Dallas, TX 75201

Mr. Dan Nolen, P.E.
June 13, 2024

- Fee: \$ 500.00

Special Services Fee	\$28,407.00
Total Fee for Phase 1	\$155,537.00

Gresham Smith understands that the fee for this project is based on "Time and Material" based on hourly, not to exceed contract in the amount of **\$155,537.00**. Invoices will be billed monthly. Consultant to notify City of any work task approaching budget overrun. The hourly rates of this contract are valid through July 2025. Project delays by the consultant will negate this date (July 2025)

We appreciate the City's consideration of Gresham Smith to provide the proposed services and look forward to the opportunity to work with the City on this project. Please let us know if there are any questions or additional information needed in your consideration of this proposal.

Sincerely,



Tim O' Brien, P.E.
Senior Vice President



Shahrzad Tavana, P.E.
Senior Project Manager

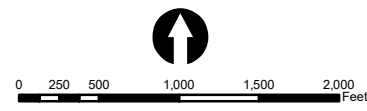
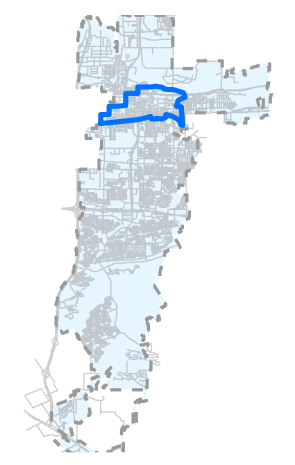
CITY OF GRAND PRAIRIE ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST				
Church Street				
DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL AMOUNT
CONSTRUCTION SURVEYING & STAKING	LF	1848	\$ 3.00	\$ 5,544.00
FURNISH & INSTALL CONCRETE CURB & GUTTER	LF	225	\$ 65.00	\$ 14,625.00
PERMANENT ASPHALT PAVEMENT REPAIR	SY	933	\$ 30.00	\$ 28,000.00
TRENCH SAFETY	LF	1,680	\$ 3.00	\$ 5,040.00
REMOVE EXISTING SANITARY SEWER MANHOLE	EA	6	\$ 3,000.00	\$ 18,000.00
FURNISH & INSTALL 4' DIAMETER SANITARY SEWER MANHOLE	EA	6	\$ 8,500.00	\$ 51,000.00
FURNISH & INSTALL 8" PVC SANITARY SEWER	LF	1680	\$ 150.00	\$ 252,000.00
FURNISH & INSTALL 4" PVC SANITARY SERVICE LATERAL AND 4" CLEANOUT	EA	45	\$ 1,200.00	\$ 54,000.00
TELEVISION INSPECTION OF SANITARY SEWER (PRE- AND POST-CONSTRUCTION)	LF	3360	\$ 5.00	\$ 16,800.00
ESTIMATED TOTAL:				\$ 445,009.00
20% CONTENGIENCY				\$ 89,001.80
SUBTOTAL AMOUNT				\$ 534,010.80
NE 4th Street				
DESCRIPTION	UNITS	NE 4th Street	UNIT PRICE	TOTAL AMOUNT
CONSTRUCTION SURVEYING & STAKING	LF	1155	\$ 3.00	\$ 3,465.00
FURNISH & INSTALL CONCRETE CURB & GUTTER	LF	105	\$ 65.00	\$ 6,825.00
PERMANENT ASPHALT PAVEMENT REPAIR	SY	583	\$ 30.00	\$ 17,500.00
TRENCH SAFETY	LF	1,050	\$ 3.00	\$ 3,150.00
REMOVE EXISTING SANITARY SEWER MANHOLE	EA	2	\$ 3,000.00	\$ 6,000.00
FURNISH & INSTALL 4' DIAMETER SANITARY SEWER MANHOLE	EA	4	\$ 8,500.00	\$ 34,000.00
FURNISH & INSTALL 8" PVC SANITARY SEWER	LF	1050	\$ 150.00	\$ 157,500.00
FURNISH & INSTALL 4" PVC SANITARY SERVICE LATERAL AND 4" CLEANOUT	EA	21	\$ 1,200.00	\$ 25,200.00
TELEVISION INSPECTION OF SANITARY SEWER (PRE- AND POST-CONSTRUCTION)	LF	2100	\$ 5.00	\$ 10,500.00
ESTIMATED TOTAL:				\$ 264,140.00
20% CONTENGIENCY				\$ 52,828.00
SUBTOTAL AMOUNT				\$ 316,968.00
North Street				
DESCRIPTION	UNITS	North St.	UNIT PRICE	TOTAL AMOUNT
CONSTRUCTION SURVEYING & STAKING	LF	616	\$ 3.00	\$ 1,848.00
FURNISH & INSTALL CONCRETE CURB & GUTTER	LF	60	\$ 65.00	\$ 3,900.00
PERMANENT ASPHALT PAVEMENT REPAIR	SY	311	\$ 30.00	\$ 9,333.33
TRENCH SAFETY	LF	560	\$ 3.00	\$ 1,680.00
REMOVE EXISTING SANITARY SEWER MANHOLE	EA	2	\$ 3,000.00	\$ 6,000.00
FURNISH & INSTALL 4' DIAMETER SANITARY SEWER MANHOLE	EA	2	\$ 8,500.00	\$ 17,000.00
FURNISH & INSTALL 8" PVC SANITARY SEWER	LF	560	\$ 150.00	\$ 84,000.00
FURNISH & INSTALL 4" PVC SANITARY SERVICE LATERAL AND 4" CLEANOUT	EA	12	\$ 1,200.00	\$ 14,400.00
TELEVISION INSPECTION OF SANITARY SEWER (PRE- AND POST-CONSTRUCTION)	LF	1120	\$ 5.00	\$ 5,600.00
ESTIMATED TOTAL:				\$ 143,761.33
20% CONTENGIENCY				\$ 28,752.27
SUBTOTAL AMOUNT				\$ 172,513.60
Manhole Rehabilitation	EA	3	\$ 11,000.00	\$ 33,000.00
TOTAL				\$ 1,056,492.40

Attachment A- Level of Effort Spreadsheet

Design Services
CITY OF GRAND PRAIRIE

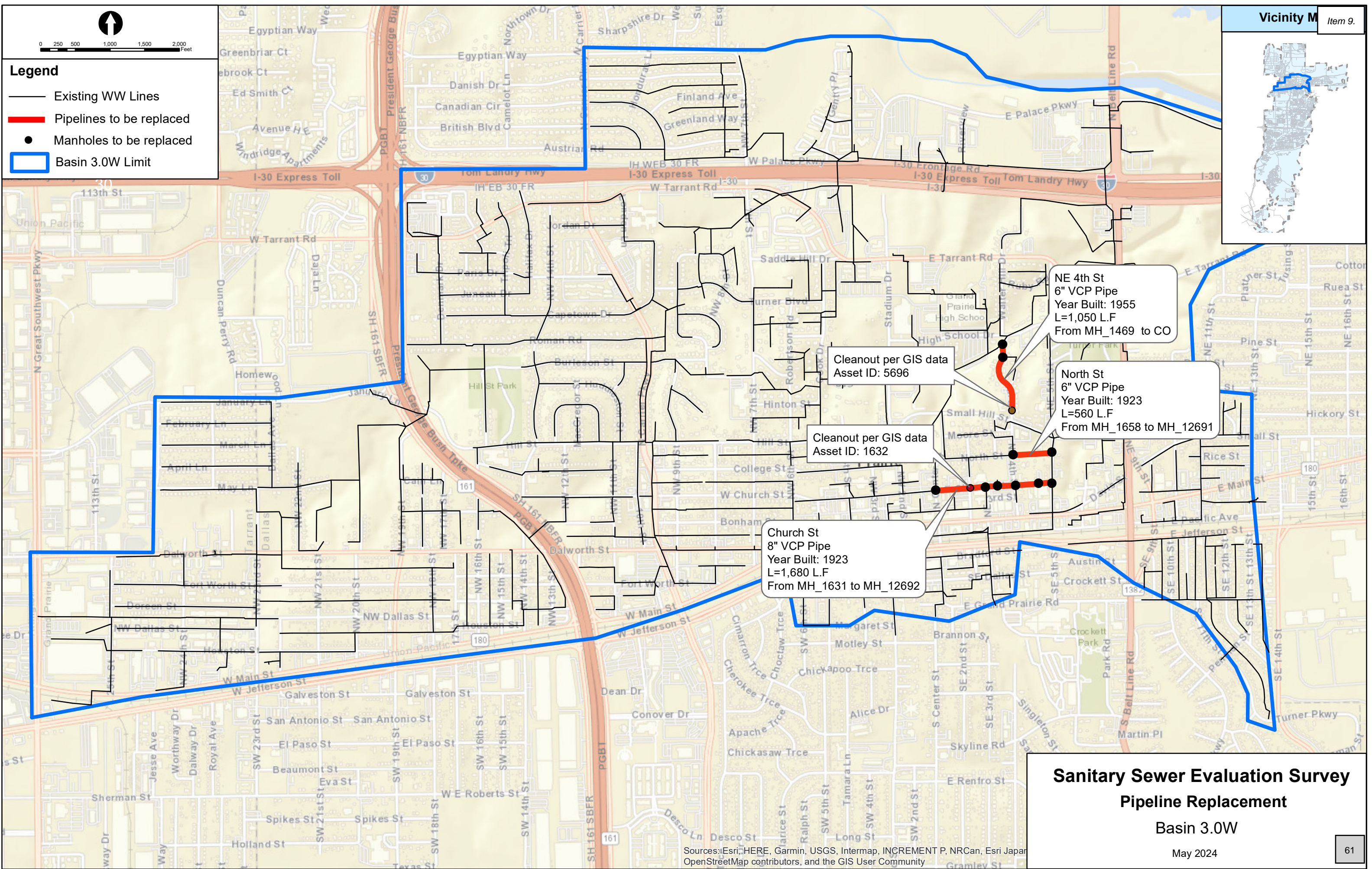
Task No.	Task Description	Labor (hours)-Phase 1							Total Labor Cost PHS1
		Kaakaty	Tavana	Saleh	Velez/Fiske	Abo-Auda	Shealy	Trausova	
		Principal	Project Manager	Project Engineer	Senior Project Engineer	EIT Designer	QA/QC	Project Acct.	
	Hourly Rate to Be Billed Per Gresham Smith Staff Member	\$300	\$250	\$180	\$200	\$150	\$250	\$145	
1.0	Design Management	0	76	36	0	4	0	14	\$ 28,110.00
	Team Management		16						\$ 4,000.00
	Communications and Reporting								\$ -
	Attend a pre-design project kickoff/chartering meeting with CITY		4	4		4			\$ 2,320.00
	Conduct review meetings/workshops with the City at the end of each design milestone (assume 2 meetings)		12	12					\$ 5,160.00
	Attend quarterly franchise utility meetings (assume 4 meeting)		8	8					\$ 3,440.00
	Prepare and submit monthly progress reports		16				10		\$ 5,450.00
	Prepare and submit baseline Project Schedule & Updated Schedule Every Month		8				4		\$ 2,580.00
	Coordinate with other agencies and entities as necessary		6	6					\$ 2,580.00
	Work with regulatory authorities to obtain approval of the designs		6	6					\$ 2,580.00
2.0	Preliminary Design (65%)	0	48	104	10	116	8	0	\$ 52,120.00
	Pre-design site visits		16	16					\$ 6,880.00
	Coordinate with Franchise Utilities		2	4		8			\$ 2,420.00
	Preparing Plan and profile sheets		8	50	8	80	8		\$ 26,600.00
	Preparing standard and special detail for sewer manhole rehabilitation or replacement		4	12		12			\$ 4,960.00
	Constructability Review (Including site visits)		10	10					\$ 4,300.00
	Utility Clearance (Level D one call Franchise Utility Locations)		2			4			\$ 1,100.00
	Provide Utility Matrix		2	4		4			\$ 1,820.00
	Opinion of Probable Construction Cost		4	8	2	8			\$ 4,040.00
3.0	Final Design (95% & 100%) and Construction Document	0	18	52	4	85	6	2	\$ 29,200.00
	Final Draft (95%) Construction Plans and Specifications (Includes Design Details) Preparation and Submission WW mains & manholes		6	20	4	40	6		\$ 13,400.00
	Final (100%) Plans and Specifications Preparation, Bidding Doc and Submission WW mains & manholes		8	20		25			\$ 9,350.00
	Final Opinion of Probable Construction Cost (100%)		4	4		8			\$ 2,920.00
	Printing- 5 sets of half size for Utility Clearance, 1- (22"x34") record drawing 1 full size set & 2 half size set						2		\$ 290.00
	Prepare Bid Book			8		12			\$ 3,240.00
4.0	Bid Phase	0	12	18	0	20	0	0	\$ 9,240.00
	Respond to bidders questions, Modify Plans and Specifications for bidder clarifications		4	4		4			\$ 2,320.00
	Attend Pre-bid Conference, prepare agenda		4	4		4			\$ 2,320.00
	Attend Bid Opening								\$ -
	Bid Tabulation, and Recommendation for Award		4	4		4			\$ 2,320.00
	Provide conformed drawings			2		4			\$ 960.00
	Submit final drawings in PDF & DWG format			4		4			\$ 1,320.00
5.0	Construction Phase Services	0	18	22	0	0	0	0	\$ 8,460.00
	Attend Pre Construction Meeting		4	4					\$ 1,720.00
	Review of Contractor RFIs, submittals (Assume 8)		3	3					\$ 1,290.00
	Change orders (assume2)		4	4					\$ 1,720.00
	Final Inspection		7	7					\$ 3,010.00
	Record Drawings			4					\$ 720.00
	Basic Services Fee								\$ 127,130.00
	Survey	0	0	0	0	0	0		
	Topo Survey								\$ 27,907.00
	Additional City Directed Special Services (If Required)								\$ -
	Printing Fee								\$ 500.00
	Special Services Fee								\$ 28,407.00
	Totals	0	172	232	14	225	14	16	

Design Fee	\$ 127,130.00
CITY DIRECTED SERVICES	
Survey Fee	\$ 27,907.00
Printing Fee	\$ 500.00
Project Total Fee	\$ 155,537.00



Legend

- Existing WW Lines
- Pipelines to be replaced
- Manholes to be replaced
- Basin 3.0W Limit



NE 4th St
 6" VCP Pipe
 Year Built: 1955
 L=1,050 L.F
 From MH_1469 to CO

North St
 6" VCP Pipe
 Year Built: 1923
 L=560 L.F
 From MH_1658 to MH_12691

Cleanout per GIS data
 Asset ID: 5696

Cleanout per GIS data
 Asset ID: 1632

Church St
 8" VCP Pipe
 Year Built: 1923
 L=1,680 L.F
 From MH_1631 to MH_12692

**Sanitary Sewer Evaluation Survey
 Pipeline Replacement**

Basin 3.0W

May 2024

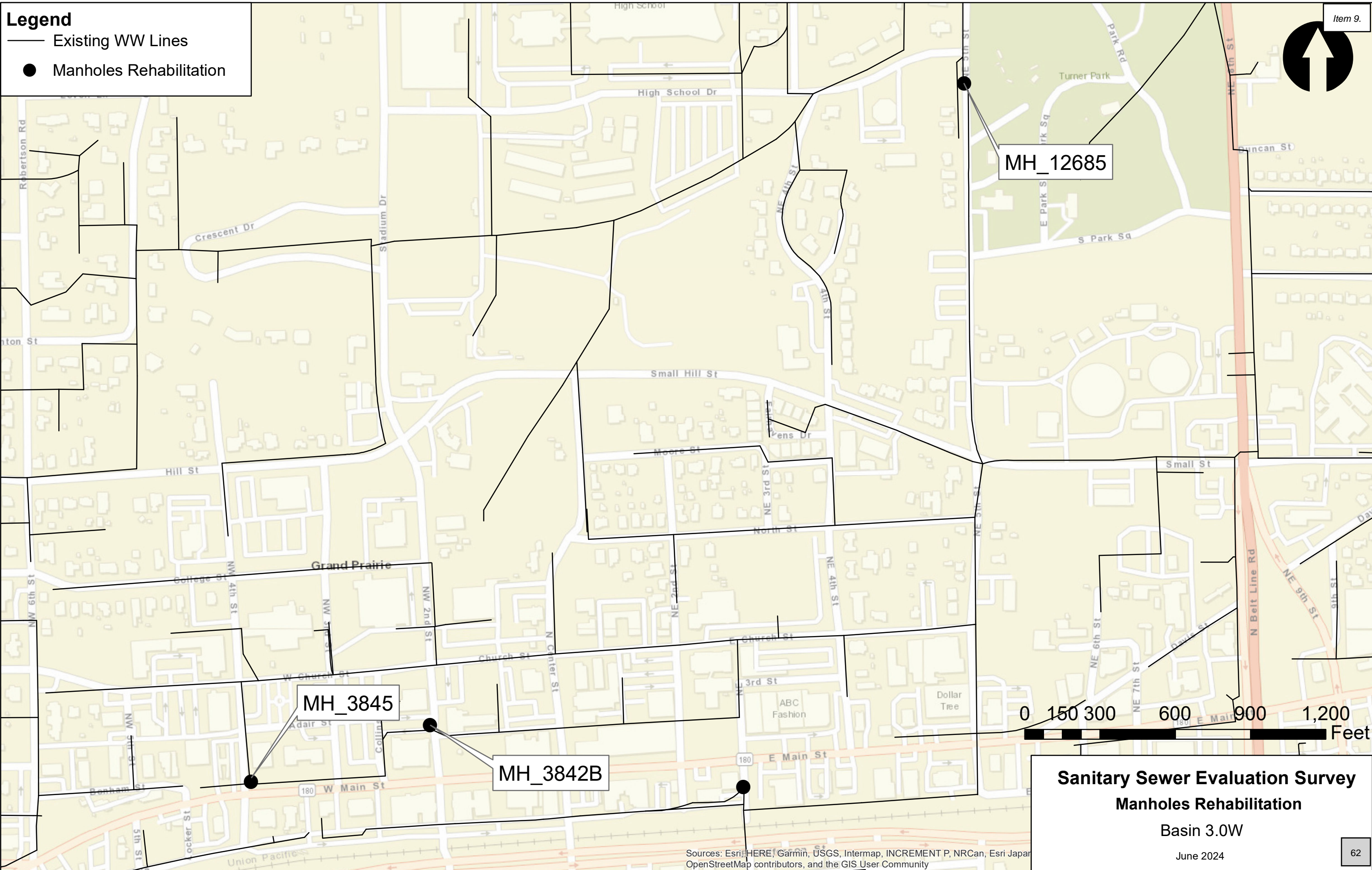
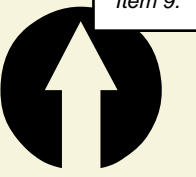
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, OpenStreetMap contributors, and the GIS User Community

\\global.gisdata.com\... Request Scope and Fee\GIS mapping

Legend

- Existing WW Lines
- Manholes Rehabilitation

Item 9.



MH_12685

MH_3845

MH_3842B

0 150 300 600 900 1,200 Feet

Sanitary Sewer Evaluation Survey
Manholes Rehabilitation
 Basin 3.0W
 June 2024

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, OpenStreetMap contributors, and the GIS User Community

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June 4, 2024

Shahrzad Tavana, P.E.
Gresham Smith
500 N. Akard Street, Suite 3210
Dallas, TX 75201

Re: Grand Prairie Topographic Survey
Letter Agreement for Surveying Services

Dear Mrs. Tavana:

Grantham & Associates, Inc. (G&A) is pleased to provide this proposal to Gresham Smith (Client) for surveying services at three locations in the City of Grand Prairie as described below.

- **North Street** from 4th Street to 5th Street - 570'
- **West Church Street** from Center Street to 5th Street – 1700'
- **Northeast 4th Street** from 502 to 542 Northeast 4th Street – 850'

Scope of Surveying Services

Topographic Survey

1. A standard topographic survey will be performed along the street rights-of-way or easements listed above and as shown on exhibits provided by the Client.
2. Survey limits include the apparent right-of-way width plus 5 feet outside the ROW or relevant easement, unless limited by private fencing.
3. The approximate location of the relevant property and right-of-way lines will be shown for reference purposes only. The lines will be tied to limited property corner monumentation.
4. A minimum of two survey control points for construction will be set at each site. Monuments will be iron rods, 'x' cuts in concrete, or more substantial.
5. Resetting disturbed control points for construction shall be an additional service.
6. G&A will make a single request per site to Texas811 to mark underground utilities within the project limits and tie down all markers provided. G&A does not accept responsibility for unresponsiveness by Texas811 or locating utilities not marked by Texas811.
7. Subsurface utility engineering (S.U.E.) or mapping underground utilities has not been included.
8. R.O.W. and easement document preparation has not been included.
9. All data will be provided in AutoCAD format.

Manhole Survey

1. Locate, survey and measure the invert of manholes outside the topographic survey limits.

Shahrzad Tavana
June 4, 2024
Page 2 of 2

A field sketch of the manhole showing connecting lines and flow directions will be provided.

- 2. City crews may need to assist with dislodging stuck lids.

Fee

G&A will perform the scope of services for the following fees:

Topographic Survey	\$ 23,270 (fixed fee)
Manhole Survey	\$ 7,500 (unit fee)
Total Fee	\$ 30,770

A manhour estimate has been provided as a basis for the fee.

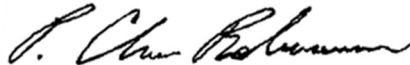
Terms and Conditions

This agreement shall follow the terms and conditions provided in the City of Grand Prairie Standard Contract.

Please acknowledge your acceptance of this Agreement by signing in the place provided.

Very truly yours,

APPROVED BY:



Chris Robinson, P.E.
Principal

Gresham Smith

Date

**Survey Proposal for Gresham Smith
2024 Grand Prairie Sanitary Sewer Rehab Project
Topographic Survey
Grantham & Associates Manhour Estimate**

Date: June 4, 2024

Task	Project Manager	Professional Land Surveyor	Senior Survey Tech	CAD Technician	One Man Survey Crew	Two Man Survey Crew	TOTAL
Hourly Rate	\$230.00	\$220.00	\$115.00	\$80.00	\$165.00	\$205.00	
STANDARD TOPOGRAPHIC SURVEY							
Establish local survey control		1	2			8	11
Obtain, review, & plot relevant plats/deeds	1	2	4				7
Locate and tie down property corners / R.O.W. monuments					10		10
Set down the approximate location of the R.O.W. and property lines in CAD file		10	6				16
Contact Texas811 and survey utility markers		1	1		6		8
Topographic survey		2	1		40		43
Invert all manholes in project areas			6			6	12
Process survey data and prepare CADD file	1	8	16	16			41
Subtotal Hours	2	24	36	16	56	14	148
Subtotal Cost	\$ 460	\$ 5,280	\$ 4,140	\$ 1,280	\$ 9,240	\$ 2,870	\$ 23,270

TOPOGRAPHIC FIXED FEE \$ 23,270

SPECIAL SERVICES	Cost	per	Count	
25 Additional manholes outside project area, rim elevation and inverts	\$300	each	25	\$7,500

TOTAL SPECIAL SERVICES \$ 7,500

TOTAL FEE \$ 30,770

Garnd Prairie Wastewater Main Replacement

TASK	ASSIGNED TO	PROGRESS	START	END	Days
Design Approval					
Award Design Approval	CGP	0%	6/13/24	6/17/24	4
Award Design Agreement	CGP	0%	6/17/24	7/15/24	28
Execute Agreeemnt	CGP	0%	7/15/24	8/12/24	28
Issue Notice To Proceed	CGP	0%	8/12/24	8/14/24	2
Design Kick-off Meeting	CGP-GS	0%	8/14/24	8/14/24	0
Preliminary Design					
Site Survey	GS	0%	8/15/24	9/14/24	30
Prepare Preliminary Design	GS	0%	9/15/24	10/20/24	35
Review Preliminary Plans and Specifications	CGP	0%	10/20/24	11/3/24	14
Incorporate Comments and Submit Revised Preliminary Design	GS	0%	11/3/24	11/13/24	10
Preliminary Design Complete	GS	0%	11/14/24	11/14/24	0
Final Design					
Prepare Final Design Plans and Specifications	GS	0%	11/16/24	1/23/25	68
Submit Final Design to the City	GS	0%	1/24/25	1/24/25	0
Review Final Plans and Specifications	CGP	0%	1/25/25	2/8/25	14
GS-Incorporate Final Comments	GS	0%	2/9/25	2/19/25	10
Final Plans and Specifications Completed	GS	0%	2/19/25	3/6/25	15
Bidding & Award Construction					
Prepare Bid Package	GS	0%	3/13/25	3/23/25	10
Start Advertisement	CGP	0%	3/23/25	4/13/25	21
Pre-Bid Meeting	CGP-GS	0%	4/14/25	4/14/25	0
Review Bids & Make Recommendations	GS	0%	4/16/25	4/19/25	3
Award Construction Contract	CGP	0%	4/20/25	5/18/25	28
Exexute Construction Contract	CGP	0%	5/19/25	6/16/25	28
Construction					
Issue Notice to Proceed	CGP	0%	6/23/25	6/23/25	0
Preconstruction Meeting	CGP-GS	0%	7/3/25	7/3/25	0
Construction	CGP	0%	7/10/25	11/17/25	130
Final Walk through	CGP-GS	0%	11/17/25	11/17/25	0
Puch List	CGP-GS	0%	11/18/25	12/9/25	21
Record Drawings	GS	0%	12/9/25	12/14/25	5
Close Contract	CGP	0%	12/15/25	12/17/25	2



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/16/2024

PRESENTER: Lisa Norris, Managing Director

TITLE: Amend the Lone Star Consulting, LLC agreement through August 31, 2025, in an amount not to exceed \$117,000 in total, for city-wide grant facilitation, tracking, reporting and community engagement services related to grant activities for the City of Grand Prairie

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

<u>Vendor Name</u>	<u>Annual Cost</u>	<u>Total Cost</u>
Lone Star Consulting, LLC	\$117,000	\$117,000

PURPOSE OF REQUEST:

Lone Star Consulting, LLC was contracted beginning in February 2024 to provide grant facilitation, submission and tracking services, along with community engagement activities as needed and related to grants for the City. For the community engagement services, a fee of 2.5% will be paid directly by the Grantor, not the city, as part of the total grant awarded. Community engagement services include brochure and signage design/construction, as well as facilitation, as needed, at town hall meetings. The original agreement was for six months at \$49,000, but the City wishes to extend it through August 31, 2025, requiring Council approval since it will exceed \$50,000 in total. The contract increase is \$68,000 to total a not-to-exceed amount of \$117,000.

EXPENDITURE HISTORY (2 to 3 yrs info):

	<u>Amount</u>	<u>Approval Date</u>	<u>Reason</u>
<i>Original Contract:</i>	49,000	2/9/2024	Grant Writing and Tracking
TOTAL:	49,000		

PROCUREMENT DETAILS:

Professional Services

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	General Fund
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ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Lone Star Consulting, LLC Contract Amendment



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/16/2024

PRESENTER: Noreen Housewright, Director of Engineering/Utility Services

TITLE: Purchase of Lakeridge Liftstation Roof Replacement Services from Garland/DBS, Inc. for \$419,985.00 through a national cooperative agreement with Omnia Partners

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

<u>Vendor Name</u>	<u>Annual Cost</u>	<u>Total Cost</u>
Garland/DBS, Inc.		\$419,985.00

PURPOSE OF REQUEST:

Utility Services is requesting the purchase of roof replacement services for the Lakeridge Liftstation. The existing roof, roof deck, and roof purlins are rusting and falling apart, which have become a safety hazard. The continuation of the rusting can lead to the roof rotting and allow for rain infiltration onto the controls, causing long-term damage if not addressed properly.

Chapter 271.102 of the Local Government Code authorizes local governments to participate in a cooperative purchasing program with another local government or local cooperative organization. In place of competitive bidding, items, and services may be purchased through such agreements as the agreements have already been bid by the sponsoring entity or agency. The City of Grand Prairie has master cooperative agreements with various entities, including Omnia Partners.

PROCUREMENT DETAILS:

Procurement Method: Cooperative – Omnia Partners (Contract #: PW1925)

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Wastewater CIP Fund
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If Capital Improvement:

Total Project Budget	\$2,562,000.00	Proposed New Funding:	\$0	Remaining Funding:	\$2,131,445.00
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ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Quote



Garland/DBS, Inc.
3800 East 91st Street
Cleveland, OH 44105
Phone: (800) 762-8225
Fax: (216) 883-2055



ROOFING MATERIAL AND SERVICES PROPOSAL

City of Grand Prairie
Lift Station #07
7201 Lake Ridge Parkway
Cedar Hill, TX 75104

Date Submitted: 06/11/2024
Proposal #: 25-TX-240212
MICPA # PW1925

Purchase orders to be made out to: Garland/DBS, Inc.

Please Note: The following budget/estimate is being provided according to the pricing established under the Master Intergovernmental Cooperative Purchasing Agreement (MICPA) with Racine County, WI and OMNIA Partners, Public Sector (U.S. Communities). Garland/DBS, Inc. administered an informal competitive process for obtaining quotes for the project with the hopes of providing a lower market-adjusted price whenever possible.

Scope of Work:

1. Remove existing roof down to existing deck. Remove all soffits panels.
2. Over lift area, rusted roof deck and roof purlins to be removed.
3. All rusted purlins to be replaced per engineering report.
4. Over area where roof deck has been removed, RMER Span Aluminum Metal roof panels to be installed over open purlins per shop drawings.
5. Where existing roof deck remains, decking to be replaced as needed at a sq/ft cost.
6. Install vapor control layer for air barrier with breathable qualities.
7. Install vapor control underlayment 6" up vertical substrate walls including dormer, head walls and side walls adjoining metal roof system.
8. Install metal roof system and components per engineered installation drawings provided by Manufacturer.
9. Install Clips per Wind Uplift calculations and fastening pattern.
10. Install new flashing on side walls and head walls.
11. Install all perimeter termination flashing per Engineered Drawings.
12. Fasteners to be specified in engineered shop drawings by Manufacturer.
13. Install gutter system (Detach and Reset Downspouts) per shop drawings provided by Manufacturer.
14. Install pop rivets per shop drawings provided by Manufacturer.
15. Install sealant per shop drawings provided by Manufacturer.

16. Install butyl in valley and perimeter locations per shop drawings provided by Manufacturer.
17. Install new soffit metal and fascia per manufacturer shop drawings. May use flat stock and break your own soffit panels and fascia metal.
18. Contractor responsible for provided dumpsters. Contractor responsible for scheduling and dropping dumpster at designated areas on campus provided during pre-construction meeting conducted by manufacturer rep.
19. Contractor required to have full time supervisor onsite during any and all work is being performed. Contractor will be required to be present for weekly progress reports.
20. Contractor is responsible for providing schedule from staging metal to completion of installation of roof system with dates weather permitting.
21. Contractor responsible for ensuring exposed roof deck is watertight every day before installation technicians leave job site.
22. Contractor is responsible for maintaining a clean environment on roof deck, sidewalks, grounds and any other locations on campus work is be performed.
23. Contractor is responsible for 3 Year Workmanship Warranty.

Attachment C: Bid Form - Line Item Pricing Breakdown

Item #	Item Description	Unit Price	Quantity	Unit	Extended Price
	Professional Services - Architectural Consulting Engineers, Inc. (Structural Evaluation / Design)	\$ 6,800.00	1	EA	\$ 6,800
1.40.01	Roof Management, Design Assistant and/or Professional Services: Additional Professional Services: Option 1: Professional Services (Third party architectural design, engineering or consulting services quote on corporate letterhead) Cost plus added to quote		14	\$ 6,800 %	\$ 952
2.25	Tear-off & Dispose of Debris: SYSTEM TYPE Metal Roofing System - Metal Deck	\$ 3.81	4,975	SF	\$ 18,955
3.07	Removal & Replacement of Roof Deck: DECK TYPE Large Areas of Metal Deck Replacement (Replacement areas averaging greater than 1 square)	\$ 13.70	4,975	SF	\$ 68,158
	RS Means Online - 0512237806 Removal and Replacement of Purlins	\$ 97.38	8	EA	\$ 779
1.40.02	Roof Management, Design Assistant and/or Professional Services: Additional Professional Services: Option 2: R.S. Means or Gordian Group Catalog (Used when professional services line item pricing is not available) Cost plus added to catalog pricing		14	\$ 779.00 %	\$ 109
16.07	INSTALLATION OF SHAKE, TILE, OR SHINGLE ROOF SYSTEMS: ADD/DEDUCT TO INSTALL SELF-ADHERING UNDERLAYMENT OVER ENTIRE ROOF - Install Self-Adhering Underlayment on Entire Roof Deck	\$ 2.84	4,975	SF	\$ 14,129

14.01.05	METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2): INSULATION OPTIONS FOR ARCHITECTURAL STANDING SEAM ROOF INSTALLATION OVER SUBSTRATE: INSULATION OPTION: Structural Application Over Open Framing; Over Retrofit Framing; Over an Existing Roof Using Steel Furring - No Insulation	\$ 3.66	4,975	SF	\$ 18,209
14.02.01	METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2): ROOF CONFIGURATION Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2": THICKNESS OPTION: Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	\$ 10.06	4,975	SF	\$ 50,049
14.02.02	METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2): ROOF CONFIGURATION Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2": THICKNESS OPTION: Add for Bare Aluminum 0.040" Aluminum, 18" - 19" Wide Panels	\$ 1.84	4,975	SF	\$ 9,154
14.02.04	METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2): ROOF CONFIGURATION Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2": PANEL WIDTH OPTION: Add for 16" - 17" Panel Width - Aluminum	\$ 0.96	4,975	SF	\$ 4,776
14.02.11	METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2): ROOF CONFIGURATION Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2": COLOR OPTION: Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	\$ 1.74	4,975	SF	\$ 8,657
14.02.31	METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2): ROOF CONFIGURATION Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2": PANEL INSTALLATION OPTION: Structural Application - Installed Over Open Framing At or Above 3:12 Slope	\$ 11.60	4,975	SF	\$ 57,710
Sub Total Prior to Multipliers					\$ 258,435
22.08	MULTIPLIER - ROOF HEIGHT IS GREATER THAN 20 FT, BUT LESS THAN OR EQUAL TO 50 FT STORIES Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 2 stories, but are less than or equal to an estimated 5 stories. Additional roof height can require increased safety requirements, larger lift equipment, tie-offs, etc.	25	\$258,435	%	\$ 64,609

22.13	MULTIPLIER - ROOF HAS GREATER THAN 4/12 SLOPE Multiplier is applied when Roof Area has a Greater than 4/12 Slope, Steeper slope reduces overall labor production and requires additional safety precautions.	25	\$258,435	%	\$ 64,609
22.19	MULTIPLIER - ROOF SIZE IS GREATER THAN 3,000 SF, BUT LESS THAN 5,000 SF Multiplier is applied when Roof Size is greater than 3,000 SF, but less than 5,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a smaller roof area resulting in fixed costs being a larger portion of the overall job costs	30	\$258,435	%	\$ 77,530
Total After Multipliers					\$ 465,183

Base Bid Total Maximum Price of Line Items under the MICPA: \$ 465,183
Proposal Price Based Upon Market Experience: \$ 419,985

Garland/DBS Price Based Upon Local Market Competition:

F.W. Walton Dallas, LLC \$ 419,985
Tri-Lam Roofing & Waterproofing \$ 453,325
Next Gen Construction Declined to Bid

Unforeseen Site Conditions:

Additional Insulation Replacement \$ 4.56 per Sq. Ft.
 Decking Replacement \$ 9.69 per Sq. Ft.

Potential issues that could arise during the construction phase of the project will be addressed via unit pricing for additional work beyond the scope of the specifications. This could range anywhere from wet insulation, to the replacement of deteriorated wood nailers.

Please Note – The construction industry is experiencing unprecedented global pricing and availability pressures for many key building components. Specifically, the roofing industry is currently experiencing long lead times and significant price increases with roofing insulation and roofing fasteners. Therefore, this proposal can only be held for 30 days. DBS greatly values your business, and we are working diligently with our long-term suppliers to minimize price increases and project delays which could effect your project. Thank you for your understanding and cooperation.

Clarifications/Exclusions:

1. Sales and use taxes are excluded. Please issue a Tax Exempt Certificate.
2. Permits are excluded.
3. Plumbing, Mechanical, Electrical work is excluded.
4. Masonry work is excluded.
5. Interior Temporary protection is excluded.
6. Prevailing Wages are excluded.
7. Any work not exclusively described in the above proposal scope of work is excluded.

If you have any questions regarding this proposal, please do not hesitate to call me at my number listed below.

Respectfully Submitted,

Matt Egan

Matt Egan
Garland/DBS, Inc.
(216) 430-3662



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/16/2024

PRESENTER: Noreen Housewright, Director of Engineering/Utility Services

TITLE: Construction contract with McMahon Contracting, L.P. for Walingford PID Retaining Wall Improvements in the total amount of \$664,455.80 for Base Bid; materials testing with Alliance Geotechnical Group for \$14,012.00; in-house engineering in the amount of \$33,222.79; and a 5% construction contract contingency in the amount of \$33,222.79 for a total project cost of \$744,913.38

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

<i>Vendor Name</i>	<i>Annual Cost</i>	<i>Total Cost</i>
McMahon Contracting, L.P		\$664,455.80 + 5% contingency
Alliance Geotechnical Group		\$14,012.00

PURPOSE OF REQUEST:

This project was identified as part of the FY24 Capital Projects Budget. This project removes the failed railroad tie and concrete retaining walls behind seven homes along Woodacre Drive and replaces it with a reinforced concrete retaining wall. The property owners have granted Temporary Construction Easements (TCE) on their properties to allow access to the construction area.

On June 6, 2024, the City of Grand Prairie opened bids on the Walingford PID Retaining Wall Improvements project. There were two bids submitted for the project: ML Contracting, Inc., submitted a Base Bid in the total amount of \$531,592.50 and McMahon Contracting, L.P. submitted a Base bid in the amount of \$664,455.80. Staff’s review of ML Contracting, Inc.’s bid resulted in the finding that the bid was disqualified from consideration, as the bidder did not include required information in its bid that would allow the City to properly determine whether they were qualified to construct the project. Therefore, staff believes the contract for this project should be awarded to the lowest, responsive bidder, McMahon Contracting, L.P.

Materials testing will be completed by Alliance Geotechnical Group in the amount of \$14,012.00. In-house engineering services will be provided in the amount of \$33,222.79, along with a 5% construction contract contingency in the amount of \$33,222.79 for a total project cost of \$744,913.38.

Construction of this project is scheduled to begin in September 2024 with completion in January 2025.

PROCUREMENT DETAILS:

Procurement Method: RFB

Local Vendor HUB Vendor

Number of Responses: four RFB #: N/A

Selection Details: Low Bid Best Value

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Storm Drainage CIP Fund
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If Capital Improvement:					
Total Project Budget	\$744,913.38	Proposed New Funding:	\$0	Remaining Funding:	\$0.00

ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Bid Summary

6/25/2024

Walingford PID Retaining Wall Improvements, W.O. #2205601

Contractor	Total Bid Price	5% Construction Contingency	5% Staff Labor Cost	Materials Testing Services	Total Project Cost
McMahon Contracting, L.P.	\$664,455.80	\$33,222.79	\$33,222.79	\$14,012.00	\$744,913.38

**Bid Summary
by Vendor**

	ML CONTRACTING, INC.	MCMAHON CONTRACTING , L.P.	KNIGHT EROSION CONTROL
Construction Contract	531,592.50	664,455.80	870,527.18
Construction Contingencies	26,579.63	33,222.79	43,526.36
Materials Testing	14,012.00	14,012.00	14,012.00
Staff Costs	26,579.63	33,222.79	43,526.36
Total Construction Cost	598,763.75	744,913.38	971,591.90

**Walingford PID Retaining Wall Improvements
W.O. #2205601
BID No. 24102**

CITY OF GRAND PRAIRIE

DATE: **Thursday, June 6, 2024**

ML CONTRACTING, INC.

				Bid Amount			
NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)		EXTENDED PRICE (NUMBER ONLY)	
BASE BID (SECTION 1)							
1	Mobilization, work fully performed as per specifications	1	LS	\$	15,000.00	\$	15,000.00
2	Site Preparation, Site Access, Clearing and Grubbing, work fully performed as per specifications.	1	LS	\$	12,000.00	\$	12,000.00
3	Barricading and Traffic Control (Design and Implementation), in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$	5,700.00	\$	5,700.00
4	Construction Staking, work fully performed as per specifications, complete in place.	1	LS	\$	4,500.00	\$	4,500.00
5	Condition Survey, work fully performed as per specifications, complete in place.	1	LS	\$	3,000.00	\$	3,000.00
6	Remove Existing Tree (12" or Larger), work fully performed as per specifications, complete in place.	5	EA	\$	12,500.00	\$	62,500.00
7	Erosion Control Plan, in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$	5,500.00	\$	5,500.00
8	Stabilized Construction Entrance/Exit (Installation, Maintenance & Removal), furnish and install complete in place, as per details and specifications.	2	EA	\$	8,000.00	\$	16,000.00
9	Concrete Truck Washout Area, installed, complete in place.	1	EA	\$	5,100.00	\$	5,100.00
10	Rock Filter Dam (Type 4) (Installation, Maintenance & Removal), work fully performed, complete in place.	20	LF	\$	1,800.00	\$	36,000.00
11	Establish Grass by Sodding in Disturbed Areas (Including Topsoil), work fully performed, complete in place	1650	SY	\$	10.25	\$	16,912.50
12	Remove Existing Railroad Tie Wall, in accordance with the plans and specifications, work fully performed.	475	LF	\$	15.00	\$	7,125.00
13	Remove Existing Segmental Concrete Wall, in accordance with the plans and specifications, work fully performed	60	LF	\$	23.00	\$	1,380.00
14	Remove Existing Concrete Wall, in accordance with the plans and specifications, work fully performed.	70	LF	\$	23.00	\$	1,610.00
15	Remove Existing Fence and Replace with New Wooden Fence, in accordance with the plans and specifications, work fully performed.	580	LF	\$	98.00	\$	56,840.00
16	Remove and Replace Existing Metal Beam Guard Fence, in accordance with the plans and specifications, work fully performed.	1	LS	\$	2,100.00	\$	2,100.00
17	Remove and Replace Existing Pedestrian Rail, in accordance with the plans and specifications, work fully performed.	1	LS	\$	1,000.00	\$	1,000.00
18	4200 PSI Reinforced Concrete Retaining Wall (Including Excavation), work fully performed, complete in place	235	CY	\$	855.00	\$	200,925.00
19	Coarse Aggregate Underdrain, work fully performed, complete in place.	140	CY	\$	425.00	\$	59,500.00
20	Free-Draining Granular Backfill, work fully performed, complete in place.	200	CY	\$	52.00	\$	10,400.00
21	Allowance for Irrigation Replacement or Adjustment (Contingent Bid Item), work fully performed, complete in place.	1	LS	\$	5,000.00	\$	5,000.00
22	Temporary Sheet piling, Shoring, and Bracing, work fully performed as per specifications, complete in place.	7	EA	\$	500.00	\$	3,500.00
	Total Bid Amount BASE BID (SECTION 1)					\$	531,592.50

531592.50

BID SUMMARY
Construction Contract
Construction Contingencies
Materials Testing
Staff Costs
Total Construction Cost

ML CONTRACTING, INC.	
\$	531,592.50
\$	26,579.63
\$	14,012.00
\$	26,579.63
\$	598,763.75

**Walingford PID Retaining Wall Improvements
W.O. #2205601
BID No. 24102**

Item 12.

CITY OF GRAND PRAIRIE

DATE: **Thursday, June 6, 2024**

MCMAHON CONTRACTING, L.P.

					Bid Amount	
NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	EXTENDED PRICE (NUMBER ONLY)	
BASE BID (SECTION 1)						
1	Mobilization, work fully performed as per specifications	1	LS	\$ 98,112.60	\$ 98,112.60	
2	Site Preparation, Site Access, Clearing and Grubbing, work fully performed as per specifications.	1	LS	\$ 22,597.32	\$ 22,597.32	
3	Barricading and Traffic Control (Design and Implementation), in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$ 13,342.43	\$ 13,342.43	
4	Construction Staking, work fully performed as per specifications, complete in place.	1	LS	\$ 22,420.00	\$ 22,420.00	
5	Condition Survey, work fully performed as per specifications, complete in place.	1	LS	\$ 6,086.30	\$ 6,086.30	
6	Remove Existing Tree (12" or Larger), work fully performed as per specifications, complete in place.	5	EA	\$ 2,465.29	\$ 12,326.45	
7	Erosion Control Plan, in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$ 1,121.00	\$ 1,121.00	
8	Stabilized Construction Entrance/Exit (Installation, Maintenance & Removal), furnish and install complete in place, as per details and specifications.	2	EA	\$ 3,003.10	\$ 6,006.20	
9	Concrete Truck Washout Area, installed, complete in place.	1	EA	\$ 619.51	\$ 619.51	
10	Rock Filter Dam (Type 4) (Installation, Maintenance & Removal), work fully performed, complete in place.	20	LF	\$ 295.00	\$ 5,900.00	
11	Establish Grass by Sodding in Disturbed Areas (Including Topsoil), work fully performed, complete in place	1650	SY	\$ 11.63	\$ 19,189.50	
12	Remove Existing Railroad Tie Wall, in accordance with the plans and specifications, work fully performed.	475	LF	\$ 55.34	\$ 26,286.50	
13	Remove Existing Segmental Concrete Wall, in accordance with the plans and specifications, work fully performed	60	LF	\$ 65.80	\$ 3,948.00	
14	Remove Existing Concrete Wall, in accordance with the plans and specifications, work fully performed.	70	LF	\$ 127.10	\$ 8,897.00	
15	Remove Existing Fence and Replace with New Wooden Fence, in accordance with the plans and specifications, work fully performed.	580	LF	\$ 80.48	\$ 46,678.40	
16	Remove and Replace Existing Metal Beam Guard Fence, in accordance with the plans and specifications, work fully performed.	1	LS	\$ 11,790.54	\$ 11,790.54	
17	Remove and Replace Existing Pedestrian Rail, in accordance with the plans and specifications, work fully performed.	1	LS	\$ 4,956.00	\$ 4,956.00	
18	4200 PSI Reinforced Concrete Retaining Wall (Including Excavation), work fully performed, complete in place	235	CY	\$ 1,167.63	\$ 274,393.05	
19	Coarse Aggregate Underdrain, work fully performed, complete in place.	140	CY	\$ 187.45	\$ 26,243.00	
20	Free-Draining Granular Backfill, work fully performed, complete in place.	200	CY	\$ 160.11	\$ 32,022.00	
21	Allowance for Irrigation Replacement or Adjustment (Contingent Bid Item), work fully performed, complete in place.	1	LS	\$ 5,000.00	\$ 5,000.00	
22	Temporary Sheet piling, Shoring, and Bracing, work fully performed as per specifications, complete in place.	7	EA	\$ 2,360.00	\$ 16,520.00	
Total Bid Amount BASE BID (SECTION 1)					\$ 664,455.80	

BID SUMMARY	
Construction Contract	
Construction Contingencies	
Materials Testing	
Staff Costs	
Total Construction Cost	

MCMAHON CONTRACTING, L.P.	
\$	664,455.80
\$	33,222.79
\$	14,012.00
\$	33,222.79
\$	744,913.38

**Walingford PID Retaining Wall Improvements
W.O. #2205601
BID No. 24102**

Item 12.

CITY OF GRAND PRAIRIE

KNIGHT EROSION CONTROL, INC. dba KEC RETAINING WALLS & CONSTRUCTION, KEC ENGINEERING & CONSTRUCTION

DATE: **Thursday, June 6, 2024**

Bid Amount

NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	EXTENDED PRICE (NUMBER ONLY)
BASE BID (SECTION 1)					
1	Mobilization, work fully performed as per specifications	1	LS	\$ 51,830.62	\$ 51,830.62
2	Site Preparation, Site Access, Clearing and Grubbing, work fully performed as per specifications.	1	LS	\$ 75,000.00	\$ 75,000.00
3	Barricading and Traffic Control (Design and Implementation), in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$ 13,154.63	\$ 13,154.63
4	Construction Staking, work fully performed as per specifications, complete in place.	1	LS	\$ 1,192.00	\$ 1,192.00
5	Condition Survey, work fully performed as per specifications, complete in place.	1	LS	\$ 8,141.00	\$ 8,141.00
6	Remove Existing Tree (12" or Larger), work fully performed as per specifications, complete in place.	5	EA	\$ 2,351.20	\$ 11,756.00
7	Erosion Control Plan, in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$ 3,791.38	\$ 3,791.38
8	Stabilized Construction Entrance/Exit (Installation, Maintenance & Removal), furnish and install complete in place, as per details and specifications.	2	EA	\$ 3,407.50	\$ 6,815.00
9	Concrete Truck Washout Area, installed, complete in place.	1	EA	\$ 1,158.55	\$ 1,158.55
10	Rock Filter Dam (Type 4) (Installation, Maintenance & Removal), work fully performed, complete in place.	20	LF	\$ 204.45	\$ 4,089.00
11	Establish Grass by Sodding in Disturbed Areas (Including Topsoil), work fully performed, complete in place	1650	SY	\$ 21.00	\$ 34,650.00
12	Remove Existing Railroad Tie Wall, in accordance with the plans and specifications, work fully performed.	475	LF	\$ 26.75	\$ 12,706.25
13	Remove Existing Segmental Concrete Wall, in accordance with the plans and specifications, work fully performed	60	LF	\$ 38.25	\$ 2,295.00
14	Remove Existing Concrete Wall, in accordance with the plans and specifications, work fully performed.	70	LF	\$ 54.52	\$ 3,816.40
15	Remove Existing Fence and Replace with New Wooden Fence, in accordance with the plans and specifications, work fully performed.	580	LF	\$ 58.61	\$ 33,993.80
16	Remove and Replace Existing Metal Beam Guard Fence, in accordance with the plans and specifications, work fully performed.	1	LS	\$ 1,363.00	\$ 1,363.00
17	Remove and Replace Existing Pedestrian Rail, in accordance with the plans and specifications, work fully performed.	1	LS	\$ 1,363.00	\$ 1,363.00
18	4200 PSI Reinforced Concrete Retaining Wall (Including Excavation), work fully performed, complete in place	235	CY	\$ 2,304.53	\$ 541,564.55
19	Coarse Aggregate Underdrain, work fully performed, complete in place.	140	CY	\$ 65.45	\$ 9,163.00
20	Free-Draining Granular Backfill, work fully performed, complete in place.	200	CY	\$ 65.45	\$ 13,090.00
21	Allowance for Irrigation Replacement or Adjustment (Contingent Bid Item), work fully performed, complete in place.	1	LS	\$ 5,000.00	\$ 5,000.00
22	Temporary Sheet piling, Shoring, and Bracing, work fully performed as per specifications, complete in place.	7	EA	\$ 4,942.00	\$ 34,594.00
	Total Bid Amount BASE BID (SECTION 1)				\$ 870,527.18

BID SUMMARY
Construction Contract
Construction Contingencies
Materials Testing
Staff Costs
Total Construction Cost

KNIGHT EROSION CONTROL, INC.
\$ 870,527.18
\$ 43,526.36
\$ 14,012.00
\$ 43,526.36
\$ 971,591.90

**Walingford PID Retaining Wall Improvements
W.O. #2205601
BID No. 24102**

CITY OF GRAND PRAIRIE

DATE: **Thursday, June 6, 2024**

AVG BID

NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	EXTENDED PRICE (NUMBER ONLY)
BASE BID (SECTION 1)					
1	Mobilization, work fully performed as per specifications	1	LS	\$ 54,981.07	\$ 54,981.07
2	Site Preparation, Site Access, Clearing and Grubbing, work fully performed as per specifications.	1	LS	\$ 36,532.44	\$ 36,532.44
3	Barricading and Traffic Control (Design and Implementation), in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$ 10,732.35	\$ 10,732.35
4	Construction Staking, work fully performed as per specifications, complete in place.	1	LS	\$ 9,370.67	\$ 9,370.67
5	Condition Survey, work fully performed as per specifications, complete in place.	1	LS	\$ 5,742.43	\$ 5,742.43
6	Remove Existing Tree (12" or Larger), work fully performed as per specifications, complete in place.	5	EA	\$ 5,772.16	\$ 28,860.82
7	Erosion Control Plan, in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$ 3,470.79	\$ 3,470.79
8	Stabilized Construction Entrance/Exit (Installation, Maintenance & Removal), furnish and install complete in place, as per details and specifications.	2	EA	\$ 4,803.53	\$ 9,607.07
9	Concrete Truck Washout Area, installed, complete in place.	1	EA	\$ 2,292.69	\$ 2,292.69
10	Rock Filter Dam (Type 4) (Installation, Maintenance & Removal), work fully performed, complete in place.	20	LF	\$ 766.48	\$ 15,329.67
11	Establish Grass by Sodding in Disturbed Areas (Including Topsoil), work fully performed, complete in place	1650	SY	\$ 14.29	\$ 23,584.00
12	Remove Existing Railroad Tie Wall, in accordance with the plans and specifications, work fully performed.	475	LF	\$ 32.36	\$ 15,372.58
13	Remove Existing Segmental Concrete Wall, in accordance with the plans and specifications, work fully performed	60	LF	\$ 42.35	\$ 2,541.00
14	Remove Existing Concrete Wall, in accordance with the plans and specifications, work fully performed.	70	LF	\$ 68.21	\$ 4,774.47
15	Remove Existing Fence and Replace with New Wooden Fence, in accordance with the plans and specifications, work fully performed.	580	LF	\$ 79.03	\$ 45,837.40
16	Remove and Replace Existing Metal Beam Guard Fence, in accordance with the plans and specifications, work fully performed.	1	LS	\$ 5,084.51	\$ 5,084.51
17	Remove and Replace Existing Pedestrian Rail, in accordance with the plans and specifications, work fully performed.	1	LS	\$ 2,439.67	\$ 2,439.67
18	4200 PSI Reinforced Concrete Retaining Wall (Including Excavation), work fully performed, complete in place	235	CY	\$ 1,442.39	\$ 338,960.87
19	Coarse Aggregate Underdrain, work fully performed, complete in place.	140	CY	\$ 225.97	\$ 31,635.33
20	Free-Draining Granular Backfill, work fully performed, complete in place.	200	CY	\$ 92.52	\$ 18,504.00
21	Allowance for Irrigation Replacement or Adjustment (Contingent Bid Item), work fully performed, complete in place.	1	LS	\$ 5,000.00	\$ 5,000.00
22	Temporary Sheet piling, Shoring, and Bracing, work fully performed as per specifications, complete in place.	7	EA	\$ 2,600.67	\$ 18,204.67
	Total Bid Amount BASE BID (SECTION 1)				\$ 688,858.49

BID SUMMARY
Construction Contract
Construction Contingencies
Materials Testing
Staff Costs
Total Construction Cost

AVERAGE BID
\$ 688,858.49
\$ 34,442.92
\$ 14,012.00
\$ 34,442.92
\$ 771,756.34

**Walingford PID Retaining Wall Improvements
W.O. #2205601
BID No. 24102**

CITY OF GRAND PRAIRIE

DATE: **Thursday, June 6, 2024**

Engineer's Opinion of Probable Construction Cost
Bid Amount

NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE (NUMBER ONLY)	EXTENDED PRICE (NUMBER ONLY)
BASE BID (SECTION 1)					
1	Mobilization, work fully performed as per specifications	1	LS	\$ 50,000.00	\$ 50,000.00
2	Site Preparation, Site Access, Clearing and Grubbing, work fully performed as per specifications.	1	LS	\$ 10,000.00	\$ 10,000.00
3	Barricading and Traffic Control (Design and Implementation), in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$ 10,000.00	\$ 10,000.00
4	Construction Staking, work fully performed as per specifications, complete in place.	1	LS	\$ 2,500.00	\$ 2,500.00
5	Condition Survey, work fully performed as per specifications, complete in place.	1	LS	\$ 5,000.00	\$ 5,000.00
6	Remove Existing Tree (12" or Larger), work fully performed as per specifications, complete in place.	5	EA	\$ 1,500.00	\$ 7,500.00
7	Erosion Control Plan, in accordance with the plans and specifications, work fully performed, complete in place.	1	LS	\$ 3,000.00	\$ 3,000.00
8	Stabilized Construction Entrance/Exit (Installation, Maintenance & Removal), furnish and install complete in place, as per details and specifications.	2	EA	\$ 3,000.00	\$ 6,000.00
9	Concrete Truck Washout Area, installed, complete in place.	1	EA	\$ 800.00	\$ 800.00
10	Rock Filter Dam (Type 4) (Installation, Maintenance & Removal), work fully performed, complete in place.	20	LF	\$ 100.00	\$ 2,000.00
11	Establish Grass by Sodding in Disturbed Areas (Including Topsoil), work fully performed, complete in place	1650	SY	\$ 10.00	\$ 16,500.00
12	Remove Existing Railroad Tie Wall, in accordance with the plans and specifications, work fully performed.	475	LF	\$ 25.00	\$ 11,875.00
13	Remove Existing Segmental Concrete Wall, in accordance with the plans and specifications, work fully performed	60	LF	\$ 25.00	\$ 1,500.00
14	Remove Existing Concrete Wall, in accordance with the plans and specifications, work fully performed.	70	LF	\$ 25.00	\$ 1,750.00
15	Remove Existing Fence and Replace with New Wooden Fence, in accordance with the plans and specifications, work fully performed.	580	LF	\$ 70.00	\$ 40,600.00
16	Remove and Replace Existing Metal Beam Guard Fence, in accordance with the plans and specifications, work fully performed.	1	LS	\$ 1,000.00	\$ 1,000.00
17	Remove and Replace Existing Pedestrian Rail, in accordance with the plans and specifications, work fully performed.	1	LS	\$ 5,000.00	\$ 5,000.00
18	4200 PSI Reinforced Concrete Retaining Wall (Including Excavation), work fully performed, complete in place	235	CY	\$ 1,600.00	\$ 376,000.00
19	Coarse Aggregate Underdrain, work fully performed, complete in place.	140	CY	\$ 100.00	\$ 14,000.00
20	Free-Draining Granular Backfill, work fully performed, complete in place.	200	CY	\$ 70.00	\$ 14,000.00
21	Allowance for Irrigation Replacement or Adjustment (Contingent Bid Item), work fully performed, complete in place.	1	LS	\$ 5,000.00	\$ 5,000.00
22	Temporary Sheet piling, Shoring, and Bracing, work fully performed as per specifications, complete in place.	7	EA		\$ -
	Total Bid Amount BASE BID (SECTION 1)				\$ 584,025.00

BID SUMMARY
Construction Contract
Construction Contingencies
Materials Testing
Staff Costs
Total Construction Cost

Probable Construction Cost	
\$	584,025.00
\$	29,201.25
\$	14,012.00
\$	29,201.25
\$	656,439.50



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 7/16/2024

PRESENTER: Noreen Housewright, Director of Engineering/Water Utilities

TITLE: Award Annual Contract for geotechnical/material testing professional engineering services from three (3) vendors: Geotex Engineering, LLC, Alliance Geotechnical and Team Consultants (up to \$525,000.00 annually). This contract will be for one year with the option to renew for four (4) additional one-year periods totaling \$2,625,000.00 if all extensions are exercised.

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

<u>Vendor Name</u>	<u>Annual Cost</u>	<u>Total Cost</u>
Geotex Engineering, LLC	\$175,000	\$875,000
Alliance Geotechnical	\$175,000	\$875,000
Team Consultants	\$175,000	\$875,000

PURPOSE OF REQUEST:

The city has several Capital Improvement Projects (CIP) of various complexity, size, scope and timelines. City projects are often concurrent therefore the Engineering/Water Utilities department issued a request for qualifications (RFQ #24095) in April 2024 to find at least three professional engineering firms to perform geo-technical and materials testing.

The Notice of bid #24095 for request for qualifications was advertised in the Fort Worth Star Telegram and on PlanetBids.com. Bids were sent to sixty-five (65) vendors of which eleven (11) were certified Historically Underutilized Businesses (HUBS), sixteen (16) were Certified Minority/Women-Owned Businesses (M/WBEs), and one (1) were local Grand Prairie Vendors. Of the notices submitted, 14 vendors responded and submitted a bid. A committee of staff performed the evaluations and selected a short listing of the most highly qualified firms based on the selection criteria within the solicitation. The various item prices were negotiated amongst the three firms to establish one price per item.

Staff recommends the following three professional firms: Alliance Geotechnical, Geotex Engineering, Team Consultants. The specific work assignments for each firm will be at the City’s discretion and will be based upon size of the project, the complexity of project, the firm’s familiarity with the scope of work, the workload, conflict of interest, and past performance.

PROCUREMENT DETAILS:

Procurement Method: RFQ

Number of Responses: 14

RFP/RFB #: 24095

Selection Details: Best Value

FINANCIAL CONSIDERATION:

Funds are available in capital improvement project budgets and will be charged accordingly on orders through the end of the fiscal year. Funding for future fiscal years will be paid from that year's approved budgets.

ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Score Card
- 2- Pricing Sheet

Geotechnical & Material Testing				Vendor:	Alliance Geotechnical Group	Geotex Engineering	TEAM Consultants, Inc.
UPDATED PRICING SHEET ~ RFQ #24095				Contact:	Robert P. Nance	Ryan Holmsen	Edward Gomez, P.E.
All prices shall include any and all delivery fees, including but not limited to freight, fuel surcharge, and environmental fees				Email:	rnance@aggengr.com	rholmsen@geotex-engineering.com	egomez@teamconsultants.net
				Phone:	972-444-8889	817-529-8464	(214) 331-4395
				City/State:	Dallas, Texas	Fort Worth, Tx	Dallas / Texas
CONCRETE				QTY	UOM	UNIT PRICE	UNIT PRICE
1	Compression Test Cylinders (Making & Breaking), each	1	CYLINDER	\$ 25.00	\$ 30.00	\$ 20.50	
2	Air Content, Slump, Temperature, Unit Weight and Making Cylinders, (Per hour)	1	HOUR	\$ 60.00	\$ 60.00	\$ 60.00	
3	Next Day Cylinder pickup, (Per hour)	1	HOUR	\$ 60.00	\$ 60.00	\$ 60.00	
4	Vehicle charge, (Per Trip)	1	TRIP	\$ 70.00	\$ 50.00	\$ 40.00	
5	Flexural Beam Testing, each	1	EACH	\$ 40.00	\$ 45.00	\$ 35.00	
6	4" Diameter Core, (Per inch of depth)	1	INCH	\$ 10.00	\$ 27.25	\$ 9.25	
7	2" Diameter Core, (Per inch of Depth)	1	INCH	\$ 8.00	\$ 27.25	\$ 8.00	
8	Core Thickness Measurement, (each)	1	EACH	\$ 12.00	\$ 25.00	\$ 10.00	
9	Patching of Core Holes, each	1	EACH	\$ 55.00	\$ 75.00	\$ 11.00	
10	Coring Technician Time, hour	1	HOUR	\$ 60.00	\$ 65.00	\$ 60.00	
11	Sawing and/or Capping Cores, each	1	EACH	\$ 26.00	\$ 50.00	\$ 18.00	
12	Compression Test of Cores, each	1	EACH	\$ 25.00	\$ 25.00	\$ 34.25	
13	Mix Design Review, each	1	EACH	\$ 180.00	\$ 275.00	\$ 160.00	
14	Mix Design Formulation w/Aggregate Tests Include Specific Gravity/Sieve Analysis/Unit WT-200, each	1	EACH	\$ 1,000.00	QOR	\$ 850.00	
15	Additional Mix Design Utilizing Above Mix Analysis, each	1	EACH	\$ 600.00	\$ 750.00	\$ 540.00	
16	Mix Design Formulation Revision, each	1	EACH	\$ 300.00	\$ 400.00	\$ 275.00	
17	Engineering Tech (NICET) for Quality Assurance Monitoring of Onsite Work, hour	1	HOUR	\$ 70.00	\$ 125.00	\$ 81.50	
18	Pre-pour Reinforcing Steel Placement Inspection, hour		HOUR	\$ 70.00	\$ 60.00	\$ 70.00	
19	Sampling for In-Lab Test, hour		HOUR	\$ 70.00	\$ 60.00	\$ 60.00	
20	Batching Mix Design in Preparation for Making Lab Confirmation Cylinders or Beams, hour	1	HOUR	\$ 200.00	\$ 75.00	\$ 180.00	
21	Batch Plant Observation Supporting Concrete Placement, hour	1	HOUR	\$ 70.00	\$ 75.00	\$ 70.00	
22	Concrete Flatness, (Up to 20,000 Sq. Ft.)	1	SQFT	\$ 800.00	\$ 0.15	\$ 800.00	
23	Concrete Flatness, (Over 20,000 Sq. Ft. - per Sq. Ft.)	1	SQFT	\$ 0.10	\$ 0.05	\$ 0.10	
24	Certified Welding Inspector, hour	1	HOUR	\$ 85.00	\$ 95.00	\$ 85.00	
HMAC				QTY	UOM	UNIT PRICE	UNIT PRICE
25	Density Nuclear Method, (technician & gauge charge) (Per hour)	1	HOUR	\$ 75.00	\$ 125.00	\$ 84.50	
26	6" Diameter Core for in Place Density, (per inch of Depth)	1	INCH	\$ 15.00	\$ 27.25	\$ 14.75	
27	Coring HMAC Technician Time, hour	1	HOUR	\$ 70.00	\$ 65.00	\$ 70.00	
28	Core Depth Measurement, core (each)	1	EACH	\$ 12.00	\$ 25.00	\$ 10.00	
29	Patching Core Holes, each	1	EACH	\$ 20.00	\$ 75.00	\$ 11.00	

Geotechnical & Material Testing				Vendor:	Alliance Geotechnical Group	Geotex Engineering	TEAM Consultants, Inc.		
UPDATED PRICING SHEET ~ RFQ #24095				Contact:	Robert P. Nance	Ryan Holmsen	Edward Gomez, P.E.		
All prices shall include any and all delivery fees, including but not limited to freight, fuel surcharge, and environmental fees				Email:	rnance@aggengr.com	rholmsen@geotex-engineering.com	egomez@teamconsultants.net		
				Phone:	972-444-8889	817-529-8464	(214) 331-4395		
				City/State:	Dallas, Texas	Fort Worth, Tx	Dallas / Texas		
CONCRETE		QTY	UOM	UNIT PRICE		UNIT PRICE			
30	Vehicle Charge (per Trip)	1	TRIP	\$	70.00	\$	50.00	\$	40.00
31	Ignition Oven Burn Off (% Bitumen and aggregate gradation), each	1	EACH	\$	200.00	\$	150.00	\$	204.00
32	Lab Density, each	1	EACH	\$	40.00	\$	80.00	\$	38.00
33	Stability Test, each	1	EACH	\$	50.00	\$	130.00	\$	48.00
34	Maximum Specific Gravity, each	1	EACH	\$	90.00	\$	100.00	\$	90.00
35	Batch Plant Hot Bin Analysis, hour	1	HOUR	\$	80.00	\$	125.00	\$	80.00
36	Material Sampling For In-lab Tests, hour	1	HOUR	\$	62.00	\$	65.00	\$	70.00
PROFESSIONAL		QTY	UOM	UNIT PRICE		UNIT PRICE		UNIT PRICE	
37	Chief Engineer Scientist, hour	1	HOUR	\$	250.00	\$	295.00	\$	190.00
40	Senior Technician, hour	1	HOUR	\$	75.00	\$	75.00	\$	75.00
41	Senior Project Engineer Professional Engineer, hour	1	HOUR	\$	210.00	\$	250.00	\$	165.00
42	Project Engineer Scientist Geologist, hour	1	HOUR	\$	165.00	\$	160.00	\$	136.00
43	Graduate Engineer Project Manager, hour	1	HOUR	\$	130.00	\$	125.00	\$	120.00
44	Staff Scientist Geologist Engineer, hour	1	HOUR	\$	115.00	\$	145.00	\$	105.00
45	Clerical, hour	1	HOUR	\$	65.00	\$	75.00	\$	60.00
46	Drafter, hour	1	HOUR	\$	75.00	\$	85.00	\$	78.50
47	Engineering and Report Review, hour	1	HOUR	\$	165.00	\$	125.00	\$	146.00
GEOTECHNICAL		QTY	UOM	UNIT PRICE		UNIT PRICE		UNIT PRICE	
48	Undisturbed Soil Sample, each	1	EACH	\$	25.00	\$	22.50	\$	13.00
49	Visual Classification, each	1	EACH	\$	25.00	\$	15.00	\$	13.00
50	Classification ASTM D-2487, each	1	EACH	\$	130.00	\$	20.00	\$	110.00
51	Sample Preparation, hour	1	HOUR	\$	70.00	\$	60.00	\$	65.00
52	Atterburg Limits RAW PI, each	1	EACH	\$	75.00	\$	95.00	\$	58.00
53	Soil w/Additive, each	1	EACH	\$	95.00	\$	105.00	\$	78.00
54	Bar Lineal Shrinkage, each	1	EACH	\$	55.00	\$	60.00	\$	52.50
55	Moisture Density Relationship (Proctor) Standard (ASTM D-698) each	1	EACH	\$	200.00	\$	235.00	\$	209.00
57	Moisture Density Relationship (Proctor) Modified (ASTM D-1557) each	1	EACH	\$	240.00	\$	275.00	\$	248.75
59	THD 113E, each	1	EACH	\$	35.00	\$	425.00	\$	248.75
60	Unit Weight, each	1	EACH	\$	25.00	\$	45.00	\$	35.00
61	Unit Weight (Dry Rodded), each	1	EACH	\$	40.00	\$	55.00	\$	38.00
62	-200 Sieve Analysis, each Decant	1	EACH	\$	55.00	\$	50.00	\$	45.00
63	Laboratory Moisture Content, each	1	EACH	\$	15.00	\$	15.00	\$	8.75
64	Sieve Analysis (Fine Aggregate), each	1	EACH	\$	110.00	\$	125.00	\$	84.00
65	Sieve Analysis (Large Aggregate), each	1	EACH	\$	110.00	\$	260.00	\$	84.00

Geotechnical & Material Testing				Vendor:	Alliance Geotechnical Group	Geotex Engineering	TEAM Consultants, Inc.
UPDATED PRICING SHEET ~ RFQ #24095				Contact:	Robert P. Nance	Ryan Holmsen	Edward Gomez, P.E.
<u>All prices shall include any and all delivery fees, including but not limited to freight, fuel surcharge, and environmental fees</u>				Email:	rnance@aggengr.com	rholmsen@geotex-engineering.com	egomez@teamconsultants.net
				Phone:	972-444-8889	817-529-8464	(214) 331-4395
				City/State:	Dallas, Texas	Fort Worth, Tx	Dallas / Texas
CONCRETE		QTY	UOM	UNIT PRICE		UNIT PRICE	
66	Sieve Analysis (Finer than 200 Sieve), each (Hydrometer Analysis)	1	EACH	\$	125.00	\$	156.00
67	Lime or Cement Series Determination (5 points)	1	EACH	\$	3,156.00	\$	390.00
68	pH Series (6 points), each		EACH	\$	250.00	\$	255.00
69	Sulphate Test (TEX 145E), each (5 days turnaround)		EACH	\$	85.00	\$	75.00
70	Sulphate Test (TEX 145E), each (48 hour turnaround)	1	EACH	\$	135.00	\$	140.00
71	Specific Gravity, each (Aggregate)	1	EACH	\$	65.00	\$	68.00
72	Absorption, each	1	EACH	\$	40.00	\$	38.00
73	Los Angeles Abrasion (Large Aggregate), each	1	EACH	\$	250.00	\$	245.00
74	Los Angeles Abrasion (Small Aggregate), each	1	EACH	\$	250.00	\$	245.00
75	Texas Wet Ball Mill, each	1	EACH	\$	270.00	\$	260.00
76	Gradation (Lime or Cement Stabilized), hour	1	HOUR	\$	65.00	\$	60.00
77	Limed Soil Depth Measurement, hour	1	HOUR	\$	65.00	\$	60.00
78	In Place Moisture Density, (per Hour) (Tech & Gauge)	1	HOUR	\$	75.00	\$	84.50
79	Unconfined Compression Test Soil, each (Including Moisture)	1	EACH	\$	65.00	\$	55.00
80	Unconfined Compression Test Rock, each (Including Moisture)	1	EACH	\$	85.00	\$	66.50
81	Confined Compressions Test (UU), each	1	EACH	\$	275.00	\$	130.00
82	Triaxial Consolidated Undrained w/Pore Pressure Measurement, speci (3 Stage	1	STAGE	\$	2,150.00	\$	1,300.00
83	Triaxial Consolidated Drained, per stage	1	STAGE	\$	950.00	\$	950.00
84	Consolidated Test, each	1	EACH	\$	850.00	\$	500.00
85	Direct Shear Consolidated Drained Sand & Gravel, point	1	POINT	\$	300.00	\$	300.00
86	Direct Shear Consolidated Drained Silt & Clay, point	1	POINT	\$	300.00	\$	300.00
87	California Bearing Ratio, each	1	EACH	\$	240.00	\$	417.00
88	THD Triaxial, each	1	EACH	\$	1,800.00	\$	1,700.00
89	Swell, each Absorption Pressure	1	EACH	\$	85.00	\$	180.00
90	Permeability Test Falling Head, each	1	EACH	\$	650.00	\$	400.00
91	Permeability Test Tiraxial, each	1	EACH	\$	650.00	\$	525.00
92	Permeability Test Flex Wall, each	1	EACH	\$	650.00	\$	525.00
93	Permeability Test Granular Soils, each (Constant Head)	1	EACH	\$	650.00	\$	400.00
94	Permeability Test Pressure Head w/Back Pressure Saturation, each	1	EACH	\$	850.00	\$	550.00
95	Electrical Resistivity, THD Method, each	1	EACH	\$	300.00	\$	175.00
96	Truck Mounted Mobilization, mile	1	MILE	\$	4.95	N/A	\$ 4.10
97	Truck Mounted Mobilization, trip	1	TRIP	\$	600.00	\$	375.00
98	Buggy/Ave Mounted, mile	1	MILE	\$	6.25	N/A	\$ 6.00
99	Buggy/Ave Mounted, trip	1	TRIP	\$	950.00	\$	650.00

Geotechnical & Material Testing				Vendor:	Alliance Geotechnical Group	Geotex Engineering	TEAM Consultants, Inc.
UPDATED PRICING SHEET ~ RFQ #24095				Contact:	Robert P. Nance	Ryan Holmsen	Edward Gomez, P.E.
All prices shall include any and all delivery fees, including but not limited to freight, fuel surcharge, and environmental fees				Email:	rnance@aggengr.com	rholmsen@geotex-engineering.com	egomez@teamconsultants.net
				Phone:	972-444-8889	817-529-8464	(214) 331-4395
				City/State:	Dallas, Texas	Fort Worth, Tx	Dallas / Texas
CONCRETE		QTY	UOM	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
100	Site Access Clearing (including disposal and revegetation) Lump Sum (**QOR)	1	LS	Quote on Request	QOR	QOR	
101	Per Diem Per Man, (per day as per Federal Per Diem Rate Standard)	1	DAY	\$ 235.00	\$ 175.00	QOR	
102	Intermittent Soil Sampling w/Truck @ 5' Intervals 0-25' Depth, foot	1	FOOT	\$ 18.50	\$ 22.50	\$ 15.00	
103	Intermittent Soil Sampling w/Truck @ 5' Intervals 25-50' Depth, foot	1	FOOT	\$ 21.50	\$ 25.00	\$ 19.50	
104	Intermittent Soil Sampling w/Truck @ 5' Intervals 50-100' Depth, foot	1	FOOT	\$ 25.00	\$ 30.00	\$ 22.00	
105	Continuous Soil Sampling w/Truck 0-10' Depth, foot	1	FOOT	\$ 25.00	\$ 22.50	\$ 23.75	
106	Intermittent Soil Sampling w/ATV @ 5' Intervals 0-25' Depth, foot	1	FOOT	\$ 24.50	\$ 25.00	\$ 19.00	
107	Intermittent Soil Sampling w/ATV @ 5' Intervals 25-50' Depth, foot	1	FOOT	\$ 27.50	\$ 27.50	\$ 21.50	
108	Intermittent Soil Sampling w/ATV @ 5' Intervals 50-100' Depth, foot	1	FOOT	\$ 31.00	\$ 37.50	\$ 25.00	
109	Continuous Soil Sampling w/ATV 0-10' Depth, foot	1	FOOT	\$ 31.00	\$ 25.00	\$ 22.00	
110	Continuous Soil Sampling w/ATV 10-50' Depth, foot	1	FOOT	Quote on Request	\$ 30.00	\$ 35.00	
111	Auger Drilling Without Sample, foot	1	FOOT	\$ 14.00	\$ 20.00	\$ 12.00	
112	Rock Coring w/NX Size, Core Barrel 0-25' Depth Carbide Bit, foot	1	FOOT	\$ 35.00	\$ 35.00	\$ 30.50	
113	Rock Coring w/NX Size, Core Barrel 25-50' Depth Carbide Bit, foot	1	FOOT	\$ 38.50	\$ 37.50	\$ 33.00	
114	Rock Coring w/NX Size, Core Barrel 50-75' Depth Carbide Bit, foot	1	FOOT	\$ 43.00	\$ 40.00	\$ 33.50	
115	Rock Coring w/NX Size, Core Barrel 75-100' Depth Carbide Bit, foot	1	FOOT	\$ 50.00	\$ 42.50	\$ 35.00	
116	Rock Coring w/NX Size, Core Barrel 50-75' Depth Diamond Bit, foot	1	FOOT	Quote on Request	\$ 40.00	\$ 40.00	
117	CME 5' Continuous Sampler 0-50' Depth, run	1	RUN	\$ 40.00	\$ 25.00	\$ 23.00	
118	Stand By or Access Time, hour	1	HOUR	\$ 265.00	\$ 250.00	\$ 250.00	
119	Drilling w/Auger Rig, hour	1	HOUR	\$ 325.00	N/A	\$ 250.00	
120	Minimum Drill Fee	1	FEE	\$ 2,100.00	\$ 2,250.00	\$ 850.00	
121	Post Injection Sub-grade Evaluation Per Boring Including Moisture and Free Swell Determination	1	EACH	Quote on Request	\$ 750.00	\$ 650.00	
122	Minimum Post Injection Charge	1	EACH	Quote on Request	\$ 2,250.00	\$ 1,500.00	
125	Vehicle Charge, (Per Trip)	1	TRIP	\$ 95.00	\$ 150.00	\$ 40.00	



Evaluation Score Card
Professional Geotechnical and Material Testing Services
RFQ # 24095

Item 13.

Evaluation Criteria	Maximum Score	Alliance Getotechnical Group, Inc. Dallas, TX	Braun Intertec Corp. Dallas, TX	CMJ Engineering and Testing, Inc. Fort Worth, TX	ECS Southwest, LLP Carrollton, TX	Geotex Engineering, LLC Fort Worth, TX	Gessner Engineering Fort Worth, TX	Henley-Johnson & Associates, Inc. Dallas, TX	Kleinfelder, Inc. Irving, TX	Mas-Tek Engineering & Associates, Inc. Dallas, TX	Raba Kistner, Inc. Dallas, TX	Team Consultants, Inc. Dallas, TX	Terracon Consultants, Inc. Dallas, TX	UES Professional Solutions 44, LLC Dallas, TX	HVJ North Texas - Chelliah Consultants, Inc. Dallas, TX
		Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score	Score
Project Team	25.00	21.67	15.00	16.67	15.00	20.00	16.67	21.67	18.33	13.33	20.00	21.67	18.33	16.67	15.00
Firm Capabilities	20.00	18.67	10.67	10.67	12.00	17.33	12.00	13.33	16.00	12.00	13.33	17.33	16.00	10.67	13.33
Performance Ability	20.00	18.67	10.67	12.00	10.67	14.67	13.33	17.33	13.33	10.67	13.33	18.67	13.33	12.00	12.00
Project Approach	15.00	14.00	7.00	7.00	7.00	11.00	9.00	9.00	10.00	8.00	11.00	14.00	10.00	8.00	10.00
Interview	20.00														
Total	100.00	73.00	43.33	46.33	44.67	63.00	51.00	61.33	57.67	44.00	57.67	71.67	57.67	47.33	50.33
Complete and accurate bid		✓													
Notes															

Bid Tabulator: Chantel Winfield
Bid Open Date: 25-Apr-24

Bids were publically opened and read at the City of Grand Prairie Office of the Purchasing Division at the time indicated above. The bid tabulation has been verified, by tabulator, as accurate based on the Unit Cost presented by each bidder.



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 07/16/2024

PRESENTER: Caryl DeVries, P.E., PTOE, Director of Transportation and Mobility

TITLE: Ratification in support of the City of Grand Prairie’s submission for a Safe Streets and Roads for All (SS4A) grant application to develop a Comprehensive Safety Action Plan. If chosen, the City would provide a 20% local match of \$70,000 toward the total \$350,000 project cost

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

PURPOSE OF REQUEST:

The City of Grand Prairie has submitted a Safe Streets and Roads for All (SS4A) grant application to develop a Comprehensive Safety Action Plan (Safety Plan). This Safety Plan will address each of the eight key components of the SS4A program as identified in the FY24 Notice of Funding Opportunity.

The goal of the Safety Plan will be to identify ways to reduce roadway fatalities and serious injuries of all roadway users to zero. The plan will recommend policy changes, demonstration projects, and, if needed, supplemental planning activities to achieve the established goals and objectives. These recommendations will be based on the findings of the community engagement and data analyses. The plan will establish performance measures to track the effectiveness of the recommended projects and policy changes, as well as identify the need for future studies. The adopted Safety plan will be used in the development of a Vision Zero policy.

The anticipated total project cost for the plan is \$350,000. There is a local match requirement of 20 percent of the total project cost resulting in a \$70,000 local responsibility. The city will hire a consultant to lead this effort, and it will be developed in coordination with local, regional, and state partners. Staff submitted the SS4A grant application by the required deadline of May 16, 2024. Staff requests Council ratify the application and authorize acceptance of potential funds if selected.

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Street CIP Fund
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Matching funds are available and come from the Street CIP Fund.



**CITY OF GRAND PRAIRIE
COMMUNICATION**

MEETING DATE: 7/16/2024

PRESENTER: Caryl DeVries, P.E., PTOE, Director of Transportation & Mobility

TITLE: Contract with Gresham Smith for the development of a Grand Prairie Bicycle Master Plan in the amount of \$300,000

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

<i>Vendor Name</i>	<i>Total Cost</i>
Gresham Smith	\$300,000

PURPOSE OF REQUEST:

This contract provides engineering services for the development of a Grand Prairie Master Bicycle Plan (“Plan”). Request for qualifications # 24101 was advertised in the Fort Worth Star-Telegram and Planet Bids. It was distributed to 1,319 HUBs and 11 Grand Prairie vendors; 2 responses were received. After evaluation and scoring, the City wishes to enter into a contract with Gresham Smith to manage this project.

The purpose of the Plan is to provide documentation that reflects the existing conditions of all bicycle facilities within the city, priority destinations or connections needed for the plan, and desired facility types comfortable for all ages and abilities. The Plan will also make recommendations for an implementation plan that will identify and prioritize projects and funding, develop best practices that will be included in the city’s policies, and develop standard plans and details for implementation in future projects.

PROCUREMENT DETAILS:

Procurement Method: Cooperative/Interlocal RFQ Sole Source Professional Services Exempt

Local Vendor HUB Vendor

Number of Responses: 2 RFQ #: 24101

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Street CIP Fund
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**CITY OF GRAND PRAIRIE
RESOLUTION**

MEETING DATE: 07/16/2024

PRESENTER: Caryl DeVries, P.E., PTOE, Director of Transportation and Mobility

TITLE: Resolution authorizing the City Manager to enter into an Advance Funding Agreement (AFA) with the Texas Department of Transportation (TxDOT) for Highway Safety Improvement Projects (HSIP) to improve traffic signals and install flashing yellow arrows on SH 180 from Bagdad Road to MacArthur Boulevard, Jefferson Street from SH 161 to 14th Street, Robinson Road at Warrior Trail, and SS 303 from Great Southwest Parkway to East 14th Street

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 07/16/2024)

SUMMARY:

<i>Vendor Name</i>	<i>Total Cost</i>
TxDOT	\$202,800

PURPOSE OF REQUEST:

In 2022, the North Central Texas Council of Governments (NCTCOG) and the Texas Department of Transportation (TxDOT) announced information on the availability for HSIP funding for intersection improvements within the Dallas District of TxDOT. Kimley Horn and Associates, Inc. (KHA) contacted the City of Grand Prairie and using accident data, they identified several intersections for submittal to this program. The City of Grand Prairie entered into a contract with KHA for completion and submittal of applications for the HSIP program.

The project locations chosen for the City of Grand Prairie totaled an award of \$2,250,000 for construction of these improvements. On March 5, 2024, City Council approved the professional engineering contract for design services with KHA for \$199,300 for the project locations awarded under HSIP. Additionally, the City of Grand Prairie is responsible for covering the direct state costs at a total of \$202,800.

Through the Advanced Funding Agreement, the City would be agreeing to be responsible for engineering and direct state costs, and the State will provide funding and oversight of the construction responsibilities, which includes improving traffic signals and installing flashing yellow arrows on SH 180 from Bagdad Rd to MacArthur Blvd (0008-08-080), Jefferson St from SH 161 to 14th St (0918-47-

452), Robinson Rd at Warrior Trail (0918-47-454), and SS 303 from Great SW Pkwy to E 14th St (2208-02-025).

FINANCIAL CONSIDERATION:

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Street CIP Fund
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ATTACHMENTS / SUPPORTING DOCUMENTS:

- 1- Attachment A location map showing project (x4)
- 2- Attachment B project budget (x4)

BODY

A RESOLUTION OF THE CITY OF GRAND PRAIRIE, TEXAS, AUTHORIZING THE CITY MANAGER TO ENTER INTO AN ADVANCE FUNDING AGREEMENT (AFA) WITH THE STATE OF TEXAS THROUGH THE TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) FOR HIGHWAY SAFETY IMPROVEMENT PROJECTS (HSIP) TO IMPROVE TRAFFIC SIGNALS AND INSTALL FLASHING YELLOW ARROWS ON SH 180 FROM BAGDAD ROAD TO MACARTHUR BOULEVARD, JEFFERSON STREET FROM SH 161 TO 14TH STREET, ROBINSON ROAD AT WARRIOR TRAIL, AND SS 303 FROM GREAT SOUTHWEST PARKWAY TO EAST 14TH STREET

WHEREAS, federal law establishes federally funded programs for transportation improvements to implement its public purposes; and

WHEREAS, the Texas Transportation Code, Section 201.103 establishes that the State shall design, construct, and operate a system of highways in cooperation with local governments; and

WHEREAS, Section 222.052 authorizes the Texas Transportation Commission to accept contributions from political subdivisions for development and construction of public roads and the state highway system within the political subdivision; and

WHEREAS, federal and state laws require local governments to meet certain contract standards relating to the management and administration of State and federal funds; and

WHEREAS, the Texas Transportation Commission has codified 43 TAC, Rules 15.50-15.56 that describe federal, state, and local responsibilities for cost participation in highway improvement and other transportation projects; and

WHEREAS, the Texas Transportation Commission passed Minute Order Number **116522** authorizing the State to undertake and complete a highway improvement or other transportation project generally described as “Traffic Signal Improvements;” and

WHEREAS, the City is required to enter into an Advance Funding Agreement with the State of Texas, through the Texas Department of Transportation, in which the City agrees to be responsible for engineering and direct state costs for Traffic Signal Improvements projects located in the City, in a total amount of Two Hundred and Two Thousand Dollars (\$202,800.00).

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS THAT:

SECTION 1. The City Manager is hereby authorized to execute an Advance Funding Agreement with the State of Texas, through the Texas Department of Transportation, in which the City agrees to be responsible for engineering and direct state costs, and the State will provide funding and oversight of the construction responsibilities which includes improving traffic signals and installing flashing yellow arrows on SH 180 from Bagdad Rd to MacArthur Blvd (0008-08-080), Jefferson St from SH 161 to 14th St (0918-47-452), Robinson Rd at Warrior Trail (0918-47-454), and SS 303 from Great SW Pkwy to E 14th St (2208-02-025). A map showing the Project location appears in Attachment A, Location Map Showing Project (Attachment A), which is attached to and made a part of this Agreement. The Project Budget (Attachment B), which is attached to and made a part of this Agreement is also approved.

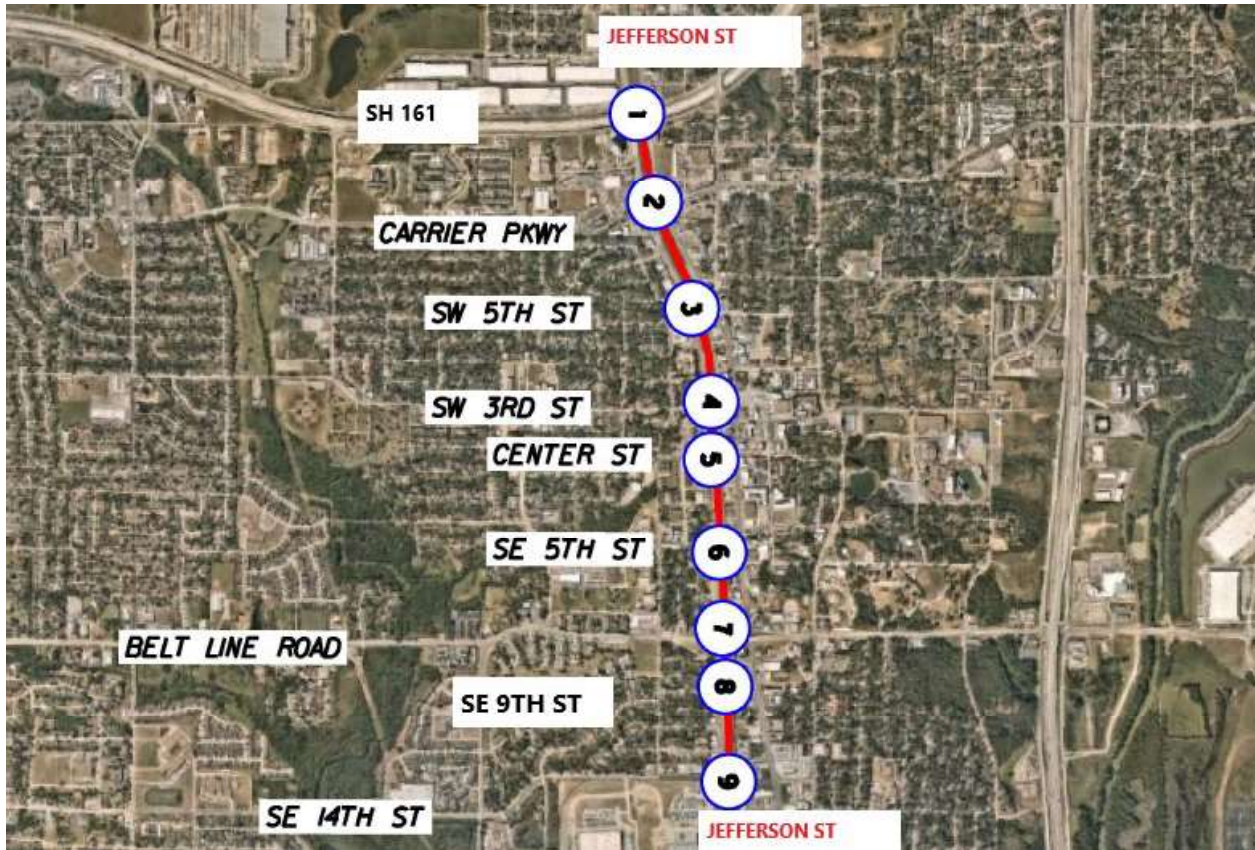
SECTION 2. The project will enhance safety at the intersections being improved.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS, ON THIS THE 6TH DAY OF AUGUST 2024.

TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
District #	18/DAL	Code Chart 64#	16950		
Project Name	Traffic Signal Improvements			<i>AFA Not Used For Research & Development</i>	

**ATTACHMENT A
LOCATION MAP SHOWING PROJECT**

**CSJ: 0918-47-452
Jefferson St. from SH 161 to 14th Street**



TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
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Project Name	Traffic Signal Improvements			AFA Not Used For Research & Development	

**ATTACHMENT A
LOCATION MAP SHOWING PROJECT**

**CSJ: 0918-47-454
Robinson Rd. at Warrior Trail**



TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
District #	18/DAL	Code Chart 64#	16950		
Project Name	Traffic Signal Improvements			<i>AFA Not Used For Research & Development</i>	

**ATTACHMENT A
LOCATION MAP SHOWING PROJECT**

**CSJ: 2208-02-025
SS 303 from Great SW Parkway to SE 14th**



TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
District #	18/DAL	Code Chart 64#	16950		
Project Name	Traffic Signal Improvements			<i>AFA Not Used For Research & Development</i>	

STATE OF TEXAS §

COUNTY OF TRAVIS §

**ADVANCE FUNDING AGREEMENT
For
Highway Safety Improvement Project
Both On-System and Off-System**

THIS AGREEMENT (Agreement) is made by and between the State of Texas, acting by and through the **Texas Department of Transportation** called the “State”, and the **City of Grand Prairie**, acting by and through its duly authorized officials, called the “Local Government”. The State and Local Government shall be collectively referred to as “the parties” hereinafter.

WITNESSETH

WHEREAS, federal law establishes federally funded programs for transportation improvements to implement its public purposes, and

WHEREAS, the Texas Transportation Code, Section 201.103 establishes that the State shall design, construct and operate a system of highways in cooperation with local governments, and Section 222.052 authorizes the Texas Transportation Commission to accept contributions from political subdivisions for development and construction of public roads and the state highway system within the political subdivision, and

WHEREAS, federal and state laws require local governments to meet certain contract standards relating to the management and administration of State and federal funds, and

WHEREAS, the Texas Transportation Commission has codified 43 TAC, Rules 15.50-15.56 that describe federal, state, and local responsibilities for cost participation in highway improvement and other transportation projects, and

WHEREAS, the Texas Transportation Commission passed Minute Order Number **116522** authorizing the State to undertake and complete a highway improvement or other transportation project generally described as **traffic signal improvements**. The portion of the project work covered by this Agreement is identified in the Agreement, Article 3, Scope of Work (Project), and

WHEREAS, the Governing Body of the Local Government has approved entering into this Agreement by resolution, ordinance, or commissioners court order dated _____, which is attached to and made a part of this Agreement as Attachment C, Resolution, Ordinance, or Commissioners Court Order (Attachment C). A map showing the Project location appears in Attachment A, Location Map Showing Project (Attachment A), which is attached to and made a part of this Agreement.

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AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
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NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements of the parties, to be by them respectively kept and performed as set forth in this Agreement, it is agreed as follows:

AGREEMENT

1. Responsible Parties:

For the Project covered by this Agreement, the parties shall be responsible for the following work as stated in the article of the Agreement referenced in the table below:

1.	Local Government*	Utilities	Article 8
2.	Local Government*	Environmental Assessment and Mitigation	Article 9
3.	Local Government	Architectural and Engineering Services	Article 11
4.	State	Construction Responsibilities	Article 12
5.	Local Government*	Right of Way and Real Property	Article 14

An asterisk next to the party responsible for specific work in the above table indicates that the associated specific work is not anticipated as part of the Project and is therefore not included in the budget; however, the party indicated will be responsible for that specific work if that work is not the subject of another agreement and the State determines that the specific work has become necessary to successful completion of the Project.

2. Period of the Agreement

This Agreement becomes effective when signed by the last party whose signing makes the Agreement fully executed. This Agreement shall remain in effect until the Project is completed or unless terminated as provided below.

3. Scope of Work

The scope of work for the Project consists of **engineering of traffic signal improvements by Local Government. Improving traffic signals and install flashing yellow arrow on SH 180 from Bagdad Rd. to MacArthur BLVD. (0008-08-080) Jefferson St. from SH 161 to 14th St. (0918-47-452), and Robinson Rd. at Warrior Trail (0918-47-454). Improve traffic signals at SS 303 from Great SW Parkway to E. 14th St. (2208-02-025), by State as shown in Attachment A.**

4. Project Sources and Uses of Funds

The total estimated cost of the Project is shown in Attachment B, Project Budget (Attachment B) which is attached to and made a part of this Agreement.

- A. If the Local Government will perform any work under this Agreement for which reimbursement will be provided by or through the State, the Local Government must complete training. If federal funds are being used, the training must be

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completed before federal spending authority is obligated. Training is complete when at least one individual who is working actively and directly on the Project successfully completes and receives a certificate for the course entitled “Local Government Project Procedures and Qualification for the Texas Department of Transportation” and retains qualification in accordance with applicable TxDOT procedures. Upon request, the Local Government shall provide the certificate of qualification to the State. The individual who receives the training certificate may be an employee of the Local Government or an employee of a firm that has been contracted by the Local Government to perform oversight of the Project. The State in its discretion may deny reimbursement if the Local Government has not continuously designated in writing a qualified individual to work actively on or to directly oversee the Project.

- B. The expected cash contributions from the federal government, the State, the Local Government, or other parties are shown in Attachment B. The State will pay for only those Project costs that have been approved by the Texas Transportation Commission. For projects with federal funds, the State and the federal government will not reimburse the Local Government for any work performed before the federal spending authority is formally obligated to the Project by the Federal Highway Administration (FHWA). After federal funds have been obligated, the State will send to the Local Government a copy of the formal documentation showing the obligation of funds including federal award information. The Local Government is responsible for 100% of the cost of any work performed under its direction or control before the federal spending authority is formally obligated.
- C. Attachment B shows, by major cost categories, the cost estimates and the party responsible for performing the work for each category. These categories may include but are not limited to: (1) costs of real property; (2) costs of utility work; (3) costs of environmental assessment and remediation; (4) cost of preliminary engineering and design; (5) cost of construction and construction management; and (6) any other local project costs.
- D. The State will be responsible for securing the federal and State share of the funding required for the development and construction of the local Project. If the Local Government is due funds for expenses incurred, these funds will be reimbursed to the Local Government on a cost basis.
- E. The Local Government will be responsible for all non-federal or non-State participation costs associated with the Project, unless otherwise provided for in this Agreement or approved otherwise in an amendment to this Agreement. For items of work subject to specified percentage funding, the Local Government shall only in those instances be responsible for all Project costs that are greater than the maximum State and federal participation specified in Attachment B and for overruns in excess of the amount specified in Attachment B to be paid by the Local Government.
- F. The budget in Attachment B will clearly state all items subject to fixed price funding, specified percentage funding, and the periodic payment schedule, when periodic payments have been approved by the State.

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- G. When the Local Government bears the responsibility for paying cost overruns, the Local Government shall make payment to the State within thirty (30) days from the receipt of the State’s written notification of additional funds being due.
- H. When fixed price funding is used, the Local Government is responsible for the fixed price amount specified in Attachment B. Fixed prices are not subject to adjustment unless (1) differing site conditions are encountered; (2) further definition of the Local Government’s requested scope of work identifies greatly differing costs from those estimated; (3) work requested by the Local Government is determined to be ineligible for federal participation; or (4) the adjustment is mutually agreed to by the State and the Local Government.
- I. Prior to the performance of any engineering review work by the State, the Local Government will pay to the State the amount specified in Attachment B. At a minimum, this amount shall equal the Local Government’s funding share for the estimated cost of preliminary engineering performed or reviewed by the State for the Project. At least sixty (60) days prior to the date set for receipt of the construction bids, the Local Government shall remit its remaining financial share for the State’s estimated construction oversight and construction cost.
- J. The State will not execute the contract for the construction of the Project until the required funding has been made available by the Local Government in accordance with this Agreement.
- K. Whenever funds are paid by the Local Government to the State under this Agreement, the Local Government shall remit a check or warrant made payable to the “Texas Department of Transportation” or may use the State’s Automated Clearing House (ACH) system for electronic transfer of funds in accordance with instructions provided by TxDOT’s Finance Division. The funds shall be deposited and managed by the State and may only be applied by the State to the Project.
- L. The State will not pay interest on any funds provided by the Local Government.
- M. If a waiver for the collection of indirect costs for a service project has been granted under 43 TAC §15.56, the State will not charge the Local Government for the indirect costs the State incurs on the Project, unless this Agreement is terminated at the request of the Local Government prior to completion of the Project.
- N. If the Local Government is an Economically Disadvantaged County (EDC) and if the State has approved adjustments to the standard financing arrangement, this Agreement reflects those adjustments.
- O. Where the Local Government is authorized to perform services under this Agreement and be reimbursed by the State, the Local Government is authorized to submit requests for reimbursement by submitting the original of an itemized invoice, in a form and containing all items required by the State, no more frequently than monthly and no later than ninety (90) days after costs are incurred. If the Local Government submits invoices more than ninety (90) days after the costs are incurred and if federal funding is reduced as a result, the State shall have no responsibility to reimburse the Local Government for those costs.
- P. Upon completion of the Project, the State will perform a final accounting of the Project costs for all items of work with specified percentage funding. Any funds

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due by the Local Government, the State, or the federal government for these work items will be promptly paid by the owing party.

- Q. The state auditor may conduct an audit or investigation of any entity receiving funds from the State directly under this Agreement or indirectly through a subcontract under this Agreement. Acceptance of funds directly under this Agreement or indirectly through a subcontract under this Agreement acts as acceptance of the authority of the state auditor, under the direction of the legislative audit committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the state auditor with access to any information the state auditor considers relevant to the investigation or audit.
- R. Payment under this Agreement beyond the end of the current fiscal biennium is subject to availability of appropriated funds. If funds are not appropriated, this Agreement shall be terminated immediately with no liability to either party.

5. Termination of This Agreement

This Agreement shall remain in effect until the Project is completed and accepted by all parties, unless:

- A. The Agreement is terminated in writing with the mutual consent of the parties;
- B. The Agreement is terminated by one party because of a breach, in which case any costs incurred because of the breach shall be paid by the breaching party;
- C. The Local Government elects not to provide funding after the completion of preliminary engineering, specifications, and estimates (PS&E) and the Project does not proceed because of insufficient funds, in which case the Local Government agrees to reimburse the State for its reasonable actual costs incurred during the Project; or
- D. The Agreement is terminated by the State because the parties are not able to execute a mutually agreeable amendment when the costs for Local Government requested items increase significantly due to differing site conditions, determination that Local government requested work is ineligible for federal or state cost participation, or a more thorough definition of the Local Government’s proposed work scope identifies greatly differing costs from those estimated. The State will reimburse Local Government remaining funds to the Local Government within ninety (90) days of termination; or
- E. The Project is inactive for thirty-six (36) consecutive months or longer and no expenditures have been charged against federal funds, in which case the State may in its discretion terminate this Agreement.

6. Amendments

Amendments to this Agreement due to changes in the character of the work, terms of the Agreement, or responsibilities of the parties relating to the Project may be enacted through a mutually agreed upon, written amendment.

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7. Remedies

This Agreement shall not be considered as specifying the exclusive remedy for any agreement default, but all remedies existing at law and in equity may be availed of by either party to this Agreement and shall be cumulative.

8. Utilities

The party named in Article 1, Responsible Parties, under AGREEMENT shall be responsible for the adjustment, removal, or relocation of utility facilities in accordance with applicable state laws, regulations, rules, policies, and procedures, including any cost to the State of a delay resulting from the Local Government’s failure to ensure that utility facilities are adjusted, removed, or relocated before the scheduled beginning of construction. The Local Government will not be reimbursed with federal or State funds for the cost of required utility work. The Local Government must obtain advance approval for any variance from established procedures. Before a construction contract is let, the Local Government shall provide, at the State’s request, a certification stating that the Local Government has completed the adjustment of all utilities that must be adjusted before construction is commenced.

9. Environmental Assessment and Mitigation

Development of a transportation project must comply with the National Environmental Policy Act and the National Historic Preservation Act of 1966, which require environmental clearance of federal-aid projects. The party named in Article 1, Responsible Parties, under AGREEMENT is responsible for the following:

- A. The identification and assessment of any environmental problems associated with the development of a local project governed by this Agreement.
- B. The cost of any environmental problem’s mitigation and remediation.
- C. Providing any public meetings or public hearings required for the environmental assessment process. Public hearings will not be held prior to the approval of the Project schematic.
- D. The preparation of the NEPA documents required for the environmental clearance of this Project.

If the Local Government is responsible for the environmental assessment and mitigation, before the advertisement for bids, the Local Government shall provide to the State written documentation from the appropriate regulatory agency or agencies that all environmental clearances have been obtained.

10. Compliance with Accessibility Standards

All parties to this Agreement shall ensure that the plans for and the construction of all projects subject to this Agreement are in compliance with standards issued or approved by the Texas Department of Licensing and Regulation (TDLR) as meeting or consistent with minimum accessibility requirements of the Americans with Disabilities Act (P.L. 101-336) (ADA).

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11. Architectural and Engineering Services

The party named in Article 1, Responsible Parties, under AGREEMENT has responsibility for the performance of architectural and engineering services. The engineering plans shall be developed in accordance with the applicable State’s *Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges* and the special specifications and special provisions related to it. For projects on the State highway system, the design shall, at a minimum conform to applicable State manuals. For projects not on the State highway system, the design shall, at a minimum, conform to applicable American Association of State Highway and Transportation Officials (AASHTO) design standards.

In procuring professional services, the parties to this Agreement must comply with federal requirements cited in 23 CFR Part 172 if the Project is federally funded and with Texas Government Code 2254, Subchapter A, in all cases. Professional contracts for federally funded projects must conform to federal requirements, specifically including the provision for participation by Disadvantaged Business Enterprises (DBEs), ADA, and environmental matters. If the Local Government is the responsible party, the Local Government shall submit its procurement selection process for prior approval by the State. All professional services contracts must be reviewed and approved by the State prior to execution by the Local Government.

12. Construction Responsibilities

The party named in Article 1, Responsible Parties, under AGREEMENT is responsible for the following:

- A. Advertise for construction bids, issue bid proposals, receive and tabulate the bids, and award and administer the contract for construction of the Project. Administration of the contract includes the responsibility for construction engineering and for issuance of any change orders, supplemental agreements, amendments, or additional work orders that may become necessary subsequent to the award of the construction contract. In order to ensure federal funding eligibility, projects must be authorized by the State prior to advertising for construction.
- B. If the State is the responsible party, the State will use its approved contract letting and award procedures to let and award the construction contract.
- C. If the Local Government is the responsible party, the Local Government shall submit its contract letting and award procedures to the State for review and approval prior to letting.
- D. If the Local Government is the responsible party, the State must concur with the low bidder selection before the Local Government can enter into a contract with the vendor.
- E. If the Local Government is the responsible party, the State must review and approve change orders.
- F. Upon completion of the Project, the party responsible for constructing the Project will issue and sign a “Notification of Completion” acknowledging the Project’s construction completion and submit certification(s) sealed by a professional engineer(s) licensed in the State of Texas.

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G. For federally funded contracts, the parties to this Agreement will comply with federal construction requirements cited in 23 CFR Part 635 and with requirements cited in 23 CFR Part 633, and shall include the latest version of Form "FHWA-1273" in the contract bidding documents. If force account work will be performed, a finding of cost effectiveness shall be made in compliance with 23 CFR 635, Subpart B.

13. Project Maintenance

The Local Government shall be responsible for maintenance of locally owned roads and locally owned facilities after completion of the work. The State shall be responsible for maintenance of the State highway system after completion of the work if the work was on the State highway system, unless otherwise provided for in existing maintenance agreements with the Local Government.

14. Right of Way and Real Property

The party named in Article 1, Responsible Parties, under AGREEMENT is responsible for the provision and acquisition of any needed right of way or real property.

The Local Government shall be responsible for the following:

- A. Right of way and real property acquisition shall be the responsibility of the Local Government. Title to right of way and other related real property must be acceptable to the State before funds may be expended for the improvement of the right of way or real property.
- B. If the Local Government is the owner of any part of the Project site under this Agreement, the Local Government shall permit the State or its authorized representative access to occupy the site to perform all activities required to execute the work.
- C. All parties to this Agreement will comply with and assume the costs for compliance with all the requirements of Title II and Title III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, Title 42 U.S.C.A. Section 4601 et seq., including those provisions relating to incidental expenses incurred by the property owners in conveying the real property to the Local Government and benefits applicable to the relocation of any displaced person as defined in 49 CFR Section 24.2(g). Documentation to support such compliance must be maintained and made available to the State and its representatives for review and inspection.
- D. The Local Government shall assume all costs and perform necessary requirements to provide any necessary evidence of title or right of use in the name of the Local Government to the real property required for development of the Project. The evidence of title or rights shall be acceptable to the State, and be free and clear of all encroachments. The Local Government shall secure and provide easements and any needed rights of entry over any other land needed to develop the Project according to the approved Project plans. The Local Government shall be responsible for securing any additional real property required for completion of the Project.

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- E. In the event real property is donated to the Local Government after the date of the State’s authorization, the Local Government will provide all documentation to the State regarding fair market value of the acquired property. The State will review the Local Government’s appraisal, determine the fair market value and credit that amount towards the Local Government’s financial share. If donated property is to be used as a funding match, it may not be provided by the Local Government. The State will not reimburse the Local Government for any real property acquired before execution of this Agreement and the obligation of federal spending authority.
- F. The Local Government shall prepare real property maps, property descriptions, and other data as needed to properly describe the real property and submit them to the State for approval prior to the Local Government acquiring the real property. Tracings of the maps shall be retained by the Local Government for a permanent record.
- G. The Local Government agrees to make a determination of property values for each real property parcel by methods acceptable to the State and to submit to the State a tabulation of the values so determined, signed by the appropriate Local Government representative. The tabulations shall list the parcel numbers, ownership, acreage and recommended compensation. Compensation shall be shown in the component parts of land acquired, itemization of improvements acquired, damages (if any) and the amounts by which the total compensation will be reduced if the owner retains improvements. This tabulation shall be accompanied by an explanation to support the determined values, together with a copy of information or reports used in calculating all determined values. Expenses incurred by the Local Government in performing this work may be eligible for reimbursement after the Local Government has received written authorization by the State to proceed with determination of real property values. The State will review the data submitted and may base its reimbursement for parcel acquisitions on these values.
- H. Reimbursement for real property costs will be made to the Local Government for real property purchased in an amount not to exceed eighty percent (80%) of the cost of the real property purchased in accordance with the terms and provisions of this Agreement. Reimbursement will be in an amount not to exceed eighty percent (80%) of the State’s predetermined value of each parcel, or the net cost of the parcel, whichever is less. In addition, reimbursement will be made to the Local Government for necessary payments to appraisers, expenses incurred in order to assure good title, and costs associated with the relocation of displaced persons and personal property as well as incidental expenses.
- I. If the Project requires the use of real property to which the Local Government will not hold title, a separate agreement between the owners of the real property and the Local Government must be executed prior to execution of this Agreement. The separate agreement must establish that the Project will be dedicated for public use for a period of not less than 10 (ten) years after completion. The separate agreement must define the responsibilities of the parties as to the use of the real property and operation and maintenance of the Project after

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completion. The separate agreement must be approved by the State prior to its execution. A copy of the executed agreement shall be provided to the State.

15. Insurance

If this Agreement authorizes the Local Government or its contractor to perform any work on State right of way, before beginning work, the entity performing the work shall provide the State with a fully executed copy of the State's Form 1560 Certificate of Insurance verifying the existence of coverage in the amounts and types specified on the Certificate of Insurance for all persons and entities working on State right of way. This coverage shall be maintained until all work on the State right of way is complete. If coverage is not maintained, all work on State right of way shall cease immediately, and the State may recover damages and all costs of completing the work.

16. Notices

All notices to either party shall be delivered personally or sent by certified or U.S. mail, postage prepaid, addressed to that party at the following address:

Local Government:	State:
City of Grand Prairie ATTN: Director of Transportation PO Box 534045 Grand Prairie, TX 75053-4045	Texas Department of Transportation ATTN: Director of Contract Services 125 E. 11 th Street Austin, TX 78701

All notices shall be deemed given on the date delivered in person or deposited in the mail, unless otherwise provided by this Agreement. Either party may change the above address by sending written notice of the change to the other party. Either party may request in writing that notices shall be delivered personally or by certified U.S. mail, and that request shall be carried out by the other party.

17. Legal Construction

If one or more of the provisions contained in this Agreement shall for any reason be held invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provisions and this Agreement shall be construed as if it did not contain the invalid, illegal, or unenforceable provision.

18. Responsibilities of the Parties

The State and the Local Government agree that neither party is an agent, servant, or employee of the other party, and each party agrees it is responsible for its individual acts and deeds as well as the acts and deeds of its contractors, employees, representatives, and agents.

19. Ownership of Documents

Upon completion or termination of this Agreement, all documents prepared by the State shall remain the property of the State. All data and information prepared under this

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Agreement shall be made available to the State without restriction or limitation on their further use. All documents produced or approved or otherwise created by the Local Government shall be transmitted to the State, in the format directed by the State, on a monthly basis or as required by the State. The originals shall remain the property of the Local Government.

20. Compliance with Laws

The parties to this Agreement shall comply with all federal, state, and local laws, statutes, ordinances, rules and regulations, and the orders and decrees of any courts or administrative bodies or tribunals in any manner affecting the performance of this Agreement. When required, the Local Government shall furnish the State with satisfactory proof of this compliance.

21. Sole Agreement

This Agreement constitutes the sole and only agreement between the parties and supersedes any prior understandings or written or oral agreements respecting the Agreement’s subject matter.

22. Cost Principles

In order to be reimbursed with federal funds, the parties shall comply with the cost principles established in 2 CFR 200 that specify that all reimbursed costs are allowable, reasonable, and allocable to the Project.

23. Procurement and Property Management Standards

The parties to this Agreement shall adhere to the procurement and property management standards established in 2 CFR 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, and to the Texas Uniform Grant Management Standards. The State must pre-approve the Local Government’s procurement procedures for purchases to be eligible for state or federal funds.

24. Inspection of Books and Records

The parties to this Agreement shall maintain all books, documents, papers, accounting records, and other documentation relating to costs incurred under this Agreement and shall make such materials available to the State, the Local Government, and, if federally funded, the FHWA and the U.S. Office of the Inspector General or their duly authorized representatives for review and inspection at its office during the Agreement period and for seven (7) years from the date of final reimbursement by FHWA under this Agreement or until any impending litigation or claims are resolved. Additionally, the State, the Local Government, and the FHWA and their duly authorized representatives shall have access to all the governmental records that are directly applicable to this Agreement for the purpose of making audits, examinations, excerpts, and transcriptions.

25. Civil Rights Compliance

The parties to this Agreement are responsible for the following:

TxDOT:				Federal Highway Administration:	
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AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
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Project Name		Traffic Signal Improvements		AFA Not Used For Research & Development	

- A. Compliance with Regulations: Both parties will comply with the Acts and the Regulations relative to Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation (USDOT), the Federal Highway Administration (FHWA), as they may be amended from time to time, which are herein incorporated by reference and made part of this Agreement.
- B. Nondiscrimination: The Local Government, with regard to the work performed by it during the Agreement, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The Local Government will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the Agreement covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
- C. Solicitations for Subcontracts, Including Procurement of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by the Local Government for work to be performed under a subcontract, including procurement of materials or leases of equipment, each potential subcontractor or supplier will be notified by the Local Government of the Local Government's obligations under this Agreement and the Acts and Regulations relative to Nondiscrimination on the grounds of race, color, or national origin.
- D. Information and Reports: The Local Government will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto, and will permit access to its books, records, accounts, other sources of information, and facilities as may be determined by the State or the FHWA to be pertinent to ascertain compliance with such Acts, Regulations or directives. Where any information required of the Local Government is in the exclusive possession of another who fails or refuses to furnish this information, the Local Government will so certify to the State or the FHWA, as appropriate, and will set forth what efforts it has made to obtain the information.
- E. Sanctions for Noncompliance: In the event of the Local Government's noncompliance with the Nondiscrimination provisions of this Agreement, the State will impose such contract sanctions as it or the FHWA may determine to be appropriate, including, but not limited to:
 - 1. withholding of payments to the Local Government under the Agreement until the Local Government complies and/or
 - 2. cancelling, terminating, or suspending of the Agreement, in whole or in part.
- F. Incorporation of Provisions: The Local Government will include the provisions of paragraphs (A) through (F) in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The Local Government will take such action with respect to any subcontract or procurement as the State or the FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Local Government becomes involved in, or is threatened with, litigation with a subcontractor or supplier because of such direction, the Local Government may request the State to enter into such litigation to protect the interests of the State. In addition, the Local Government

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may request the United States to enter into such litigation to protect the interests of the United States.

26. Pertinent Non-Discrimination Authorities

During the performance of this Agreement, each party, for itself, its assignees, and successors in interest agree to comply with the following nondiscrimination statutes and authorities; including but not limited to:

- A. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- B. The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of federal or federal-aid programs and projects).
- C. Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), as amended, (prohibits discrimination on the basis of sex).
- D. Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.) as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27.
- E. The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age).
- F. Airport and Airway Improvement Act of 1982, (49 U.S.C. Chapter 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex).
- G. The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the federal-aid recipients, subrecipients and contractors, whether such programs or activities are federally funded or not).
- H. Titles II and III of the Americans with Disabilities Act, which prohibits discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38.
- I. The Federal Aviation Administration’s Nondiscrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex).
- J. Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations.
- K. Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure

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compliance with Title VI, the parties must take reasonable steps to ensure that LEP persons have meaningful access to the programs (70 Fed. Reg. at 74087 to 74100).

- L. Title IX of the Education Amendments of 1972, as amended, which prohibits the parties from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq.).

27. Disadvantaged Business Enterprise (DBE) Program Requirements

If federal funds are used:

- A. The parties shall comply with the Disadvantaged Business Enterprise Program requirements established in 49 CFR Part 26.
- B. The Local Government shall adopt, in its totality, the State’s federally approved DBE program.
- C. The Local Government shall incorporate into its contracts with subproviders an appropriate DBE goal consistent with the State’s DBE guidelines and in consideration of the local market, project size, and nature of the goods or services to be acquired. The Local Government shall submit its proposed scope of services and quantity estimates to the State to allow the State to establish a DBE goal for each Local Government contract with a subprovider. The Local Government shall be responsible for documenting its actions.
- D. The Local Government shall follow all other parts of the State’s DBE program referenced in TxDOT Form 2395, Memorandum of Understanding Regarding the Adoption of the Texas Department of Transportation’s Federally-Approved Disadvantaged Business Enterprise by Entity, and attachments found at web address http://ftp.dot.state.tx.us/pub/txdot-info/bop/dbe/mou/mou_attachments.pdf.
- E. The Local Government shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any U.S. Department of Transportation (DOT)-assisted contract or in the administration of its DBE program or the requirements of 49 CFR Part 26. The Local Government shall take all necessary and reasonable steps under 49 CFR Part 26 to ensure non-discrimination in award and administration of DOT-assisted contracts. The State’s DBE program, as required by 49 CFR Part 26 and as approved by DOT, is incorporated by reference in this Agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this Agreement. Upon notification to the Local Government of its failure to carry out its approved program, the State may impose sanctions as provided for under 49 CFR Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 et seq.).
- F. Each contract the Local Government signs with a contractor (and each subcontract the prime contractor signs with a sub-contractor) must include the following assurance: *The contractor, sub-recipient, or sub-contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure*

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by the contractor to carry out these requirements is a material breach of this Agreement, which may result in the termination of this Agreement or such other remedy as the recipient deems appropriate.

28. Debarment Certifications

If federal funds are used, the parties are prohibited from making any award at any tier to any party that is debarred or suspended or otherwise excluded from or ineligible for participation in Federal Assistance Programs under Executive Order 12549, “Debarment and Suspension.” By executing this Agreement, the Local Government certifies that it and its principals are not currently debarred, suspended, or otherwise excluded from or ineligible for participation in Federal Assistance Programs under Executive Order 12549 and further certifies that it will not do business with any party, to include principals, that is currently debarred, suspended, or otherwise excluded from or ineligible for participation in Federal Assistance Programs under Executive Order 12549. The parties to this Agreement shall require any party to a subcontract or purchase order awarded under this Agreement to certify its eligibility to receive federal funds and, when requested by the State, to furnish a copy of the certification.

If state funds are used, the parties are prohibited from making any award to any party that is debarred under the Texas Administrative Code, Title 34, Part 1, Chapter 20, Subchapter G, Rule §20.585 and the Texas Administrative Code, Title 43, Part 1, Chapter 9, Subchapter G.

29. Lobbying Certification

If federal funds are used, in executing this Agreement, each signatory certifies to the best of that signatory’s knowledge and belief, that:

- A. No federal appropriated funds have been paid or will be paid by or on behalf of the parties to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- B. If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with federal contracts, grants, loans, or cooperative agreements, the signatory for the Local Government shall complete and submit the Federal Standard Form-LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.
- C. The parties shall require that the language of this certification shall be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and all sub-recipients shall certify and disclose accordingly. Submission of this certification is a prerequisite for making or entering into this transaction imposed

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by Title 31 U.S.C. §1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

30. Federal Funding Accountability and Transparency Act Requirements

If federal funds are used, the following requirements apply:

- A. Any recipient of funds under this Agreement agrees to comply with the Federal Funding Accountability and Transparency Act (FFATA) and implementing regulations at 2 CFR Part 170, including Appendix A. This Agreement is subject to the following award terms: <http://www.gpo.gov/fdsys/pkg/FR-2010-09-14/pdf/2010-22705.pdf> and <http://www.gpo.gov/fdsys/pkg/FR-2010-09-14/pdf/2010-22706.pdf>.
- B. The Local Government agrees that it shall:
 - 1. Obtain and provide to the State a System for Award Management (SAM) number (Federal Acquisition Regulation, Part 4, Sub-part 4.11) if this award provides more than \$25,000 in federal funding. The SAM number may be obtained by visiting the SAM website whose address is: <https://www.sam.gov/portal/public/SAM/>
 - 2. Obtain and provide to the State a Data Universal Numbering System (DUNS) number, a unique nine-character number that allows federal government to track the distribution of federal money. The DUNS may be requested free of charge for all businesses and entities required to do so by visiting the Dun & Bradstreet (D&B) on-line registration website <http://fedgov.dnb.com/webform>; and
 - 3. Report the total compensation and names of its top five executives to the State if:
 - i. More than 80% of annual gross revenues are from the federal government, and those revenues are greater than \$25,000,000; and
 - ii. The compensation information is not already available through reporting to the U.S. Securities and Exchange Commission.

31. Single Audit Report

If federal funds are used:

- A. The parties shall comply with the single audit report requirements stipulated in 2 CFR 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.
- B. If threshold expenditures of \$750,000 or more are met during the fiscal year, the Local Government must submit a Single Audit Report and Management Letter (if applicable) to TxDOT's Compliance Division, 125 East 11th Street, Austin, TX 78701 or contact TxDOT's Compliance Division by email at singleaudits@txdot.gov.
- C. If expenditures are less than the threshold during the Local Government's fiscal year, the Local Government must submit a statement to TxDOT's Compliance Division as follows: "We did not meet the \$ _____ expenditure threshold and therefore, are not required to have a single audit performed for FY _____."

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- D. For each year the Project remains open for federal funding expenditures, the Local Government will be responsible for filing a report or statement as described above. The required annual filing shall extend throughout the life of the Agreement, unless otherwise amended or the Project has been formally closed out and no charges have been incurred within the current fiscal year.

TxDOT:				Federal Highway Administration:		<i>Item 16.</i>
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205	
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction	
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32. Signatory Warranty

Each signatory warrants that the signatory has necessary authority to execute this Agreement on behalf of the entity represented.

Each party is signing this Agreement on the date stated under that party's signature.

THE STATE OF TEXAS

THE LOCAL GOVERNMENT

Signature

Typed or Printed Name

Typed or Printed Title

Date

Signature

William A. Hills

Typed or Printed Name

City Manager

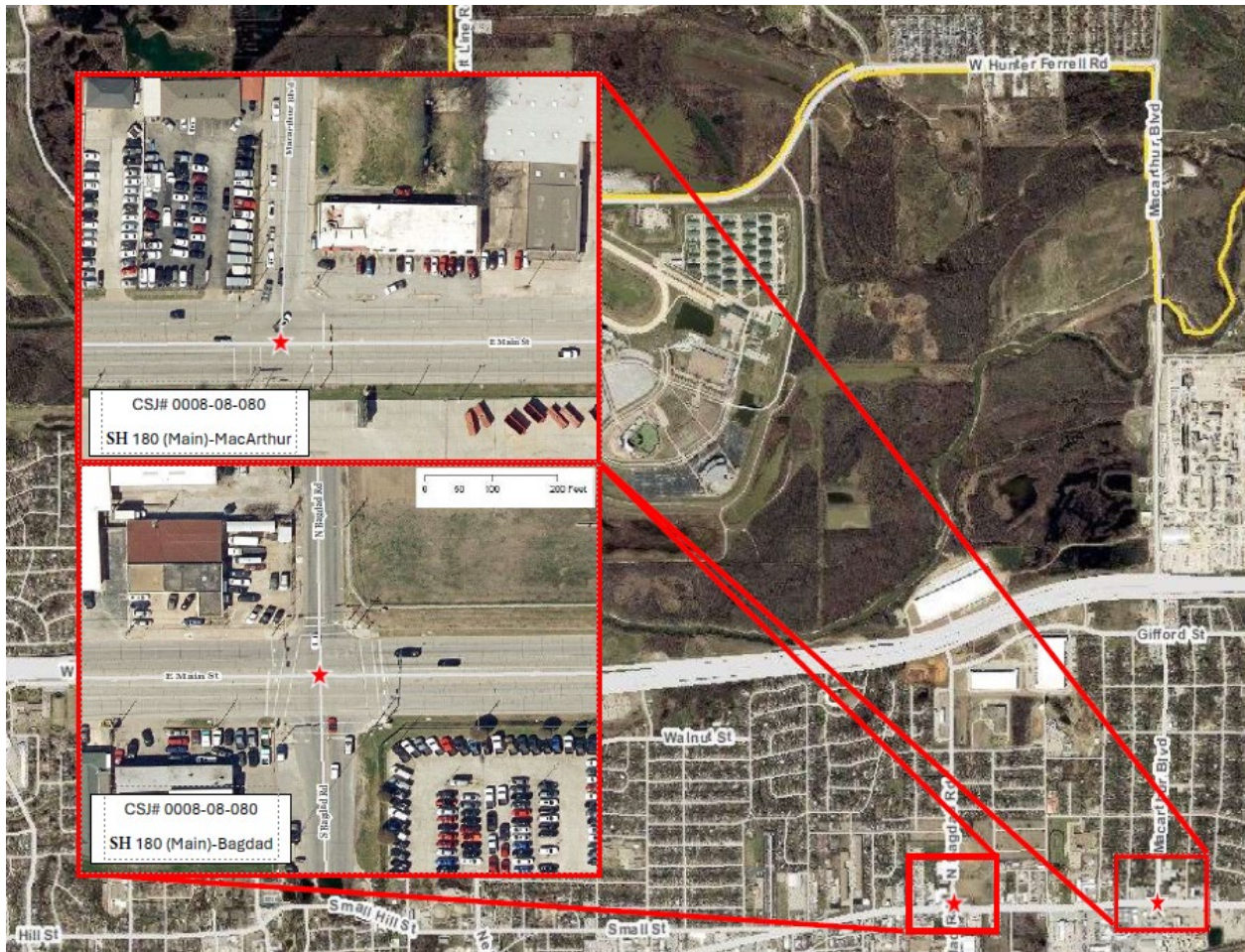
Typed or Printed Title

Date

TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
District #	18/DAL	Code Chart 64#	16950		
Project Name	Traffic Signal Improvements			AFA Not Used For Research & Development	

ATTACHMENT A LOCATION MAP SHOWING PROJECT

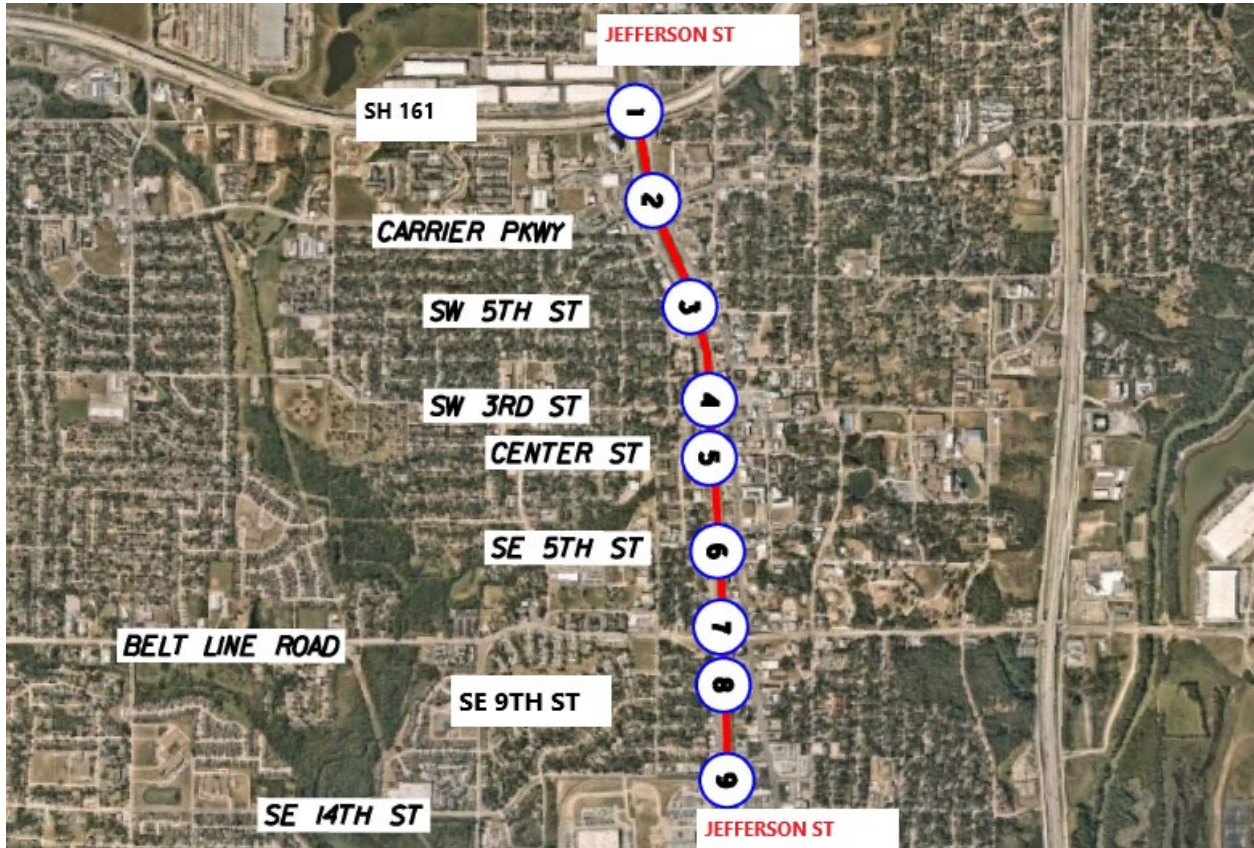
CSJ: 0008-08-080



TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
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**ATTACHMENT A
LOCATION MAP SHOWING PROJECT**

**CSJ: 0918-47-452
Jefferson St. from SH 161 to 14th Street**



TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
District #	18/DAL	Code Chart 64#	16950		
Project Name	Traffic Signal Improvements			<i>AFA Not Used For Research & Development</i>	

**ATTACHMENT A
LOCATION MAP SHOWING PROJECT**

**CSJ: 0918-47-454
Robinson Rd. at Warrior Trail**



TxDOT:				Federal Highway Administration:		Item 16.
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205	
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction	
District #	18/DAL	Code Chart 64#	16950			
Project Name	Traffic Signal Improvements			<i>AFA Not Used For Research & Development</i>		

**ATTACHMENT A
LOCATION MAP SHOWING PROJECT**

**CSJ: 2208-02-025
SS 303 from Great SW Parkway to SE 14th**



TxDOT:				Federal Highway Administration:			
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205	Item 16.	
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction		
District #	18/DAL	Code Chart 64#	16950	AFA Not Used For Research & Development			
Project Name	Traffic Signal Improvements						

ATTACHMENT B PROJECT BUDGET

CSJ:0008-08-080

Construction costs will be allocated based on 90% Federal funding and 10% State funding until the Federal funding reaches the maximum obligated amount. The Local Government will then be responsible for 100% of the costs.

DESCRIPTION	TOTAL ESTIMATED COST	FEDERAL PARTICIPATION		STATE PARTICIPATION		LOCAL PARTICIPATION	
		%	Cost	%	Cost		Cost
Engineering (by Local)	\$39,860.00	0%	\$0	0%	\$0	100%	\$39,860.00
Construction (by State)	\$308,592.00	90%	\$277,732.80	10%	\$30,859.20	0%	\$0
Subtotal	\$348,452.00		\$277,732.80		\$0		\$39,860.00
Environmental Direct State Costs	\$3,602.81	0%	\$0	0%	\$0	100%	\$3,602.81
Right of Way Direct State Costs	\$3,602.81	0%	\$0	0%	\$0	100%	\$3,602.81
Engineering Direct State Costs	\$3,602.81	0%	\$0	0%	\$0	100%	\$3,602.81
Utility Direct State Costs	\$3,602.81	0%	\$0	0%	\$0	100%	\$3,602.81
Construction Direct State Costs	\$14,411.25	0%	\$0	0%	\$0	100%	\$14,411.25
Subtotal	\$28,822.49		\$0		\$0		\$28,822.49
Indirect State Cost – 4.60%	\$16,028.79	0%	\$0	100%	\$16,028.79	0%	\$0
TOTAL	\$393,303.28		\$277,732.80		\$46,887.99		\$68,682.49

Initial Payment by the Local Government to the State: **\$14,411.24**

Payment by the Local Government to the State before Construction: **\$14,411.25**

Estimated total payment by the Local Government to the State: **\$28,822.49**

This is an estimate. The final amount of Local Government participation will be based on actual costs.

TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
District #	18/DAL	Code Chart 64#	16950	<i>Item 16.</i>	
Project Name	Traffic Signal Improvements			AFA Not Used For Research & Development	

**ATTACHMENT B
PROJECT BUDGET**

CSJ:0918-47-452

Construction costs will be allocated based on 100% Federal funding and 0% Local Government funding until the Federal funding reaches the maximum obligated amount. The Local Government will then be responsible for 100% of the costs.

DESCRIPTION	TOTAL ESTIMATED COST	FEDERAL PARTICIPATION		STATE PARTICIPATION		LOCAL PARTICIPATION	
		%	Cost	%	Cost		Cost
Engineering (by Local)	\$39,860.00	0%	\$0	0%	\$0	100%	\$39,860.00
Construction (by State)	\$770,061.00	100%	\$770,061.00	0%	\$0	0%	\$0
Subtotal	\$809,921.00		\$770,061.00		\$0		\$39,860.00
Environmental Direct State Costs	\$8,990.46	0%	\$0	0%	\$0	100%	\$8,990.46
Right of Way Direct State Costs	\$8,990.46	0%	\$0	0%	\$0	100%	\$8,990.46
Engineering Direct State Costs	\$8,990.46	0%	\$0	0%	\$0	100%	\$8,990.46
Utility Direct State Costs	\$8,990.47	0%	\$0	0%	\$0	100%	\$8,990.47
Construction Direct State Costs	\$35,961.85	0%	\$0	0%	\$0	100%	\$35,961.85
Subtotal	\$71,923.70		\$0		\$0		\$71,923.70
Indirect State Cost – 4.60%	\$37,256.37	0%	\$0	100%	\$37,256.37	0%	\$0
TOTAL	\$919,101.07		\$770,061.00		\$37,256.37		\$111,783.70

Initial Payment by the Local Government to the State: **\$35,961.85**

Payment by the Local Government to the State before Construction: **\$35,961.85**

Estimated total payment by the Local Government to the State: **\$71,923.70**

This is an estimate. The final amount of Local Government participation will be based on actual costs.

TxDOT:				Federal Highway Administration:	
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AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
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Project Name	Traffic Signal Improvements			AFA Not Used For Research & Development	

**ATTACHMENT B
PROJECT BUDGET**

CSJ:0918-47-454

Construction costs will be allocated based on 100% Federal funding and 0% Local Government funding until the Federal funding reaches the maximum obligated amount. The Local Government will then be responsible for 100% of the costs.

DESCRIPTION	TOTAL ESTIMATED COST	FEDERAL PARTICIPATION		STATE PARTICIPATION		LOCAL PARTICIPATION	
		%	Cost	%	Cost		Cost
Engineering (by Local)	\$39,860.00	0%	\$0	0%	\$0	100%	\$39,860.00
Construction (by State)	\$278,882.00	100%	\$278,882.00	0%	\$0	0%	\$0
Subtotal	\$318,742.00		\$278,882.00		\$0		\$39,860.00
Environmental Direct State Costs	\$3,255.94	0%	\$0	0%	\$0	100%	\$3,255.94
Right of Way Direct State Costs	\$3,255.95	0%	\$0	0%	\$0	100%	\$3,255.95
Engineering Direct State Costs	\$3,255.95	0%	\$0	0%	\$0	100%	\$3,255.95
Utility Direct State Costs	\$3,255.95	0%	\$0	0%	\$0	100%	\$3,255.95
Construction Direct State Costs	\$13,023.79	0%	\$0	0%	\$0	100%	\$13,023.79
Subtotal	\$26,047.58		\$0		\$0		\$26,047.58
Indirect State Cost – 4.60%	\$14,662.18	0%	\$0	100%	\$14,662.18	0%	\$0
TOTAL	\$359,451.76		\$278,882.00		\$14,662.18		\$65,907.58

Initial Payment by the Local Government to the State: **\$13,023.79**

Payment by the Local Government to the State before Construction: **\$13,023.79**

Estimated total payment by the Local Government to the State: **\$26,047.58**

This is an estimate. The final amount of Local Government participation will be based on actual costs.

TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
District #	18/DAL	Code Chart 64#	16950	<i>Item 16.</i>	
Project Name	Traffic Signal Improvements			AFA Not Used For Research & Development	

ATTACHMENT B PROJECT BUDGET

CSJ:2208-02-025

Construction costs will be allocated based on 90% Federal funding and 10% State funding until the Federal funding reaches the maximum obligated amount. The Local Government will then be responsible for 100% of the costs.

DESCRIPTION	TOTAL ESTIMATED COST	FEDERAL PARTICIPATION		STATE PARTICIPATION		LOCAL PARTICIPATION	
		%	Cost	%	Cost		Cost
Engineering (by Local)	\$39,860.00	0%	\$0	0%	\$0	100%	\$39,860.00
Construction (by State)	\$183,320.00	90%	\$164,988.00	10%	\$18,332.00	0%	\$0
Subtotal	\$223,180.00		\$164,988.00		\$18,332.00		\$39,860.00
Environmental Direct State Costs	\$2,140.26	0%	\$0	0%	\$0	100%	\$2,140.26
Right of Way Direct State Costs	\$2,140.26	0%	\$0	0%	\$0	100%	\$2,140.26
Engineering Direct State Costs	\$2,140.26	0%	\$0	0%	\$0	100%	\$2,140.26
Utility Direct State Costs	\$2,140.26	0%	\$0	0%	\$0	100%	\$2,140.26
Construction Direct State Costs	\$8,561.05	0%	\$0	0%	\$0	100%	\$8,561.05
Subtotal	\$17,122.09		\$0		\$0		\$17,122.09
Indirect State Cost – 4.60%	\$10,266.28	0%	\$0	100%	\$10,266.28	0%	\$0
TOTAL	\$250,568.37		\$164,988.00		\$28,598.28		\$56,982.09
GRAND TOTAL	\$1,922,424.48		\$1,491,663.80		\$127,404.82		\$303,355.86

Initial Payment by the Local Government to the State: **\$8,561.04**

Payment by the Local Government to the State before Construction: **\$8,561.05**

Estimated total payment by the Local Government to the State: **\$17,122.09**

This is an estimate. The final amount of Local Government participation will be based on actual costs.

GRAND TOTAL Initial Payment by the Local Government to the State: **\$71,957.92**

GRAND TOTAL Payment by the Local Government to the State before Construction: **\$71,957.94**

GRAND TOTAL Estimated total payment by the Local Government to the State: **\$143,915.86**

This is an estimate. The final amount of Local Government participation will be based on actual costs

TxDOT:				Federal Highway Administration:			
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205	Item 16.	
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction		
District #	18/DAL	Code Chart 64#	16950	AFA Not Used For Research & Development			
Project Name	Traffic Signal Improvements						

ATTACHMENT B PROJECT BUDGET

CSJ:0008-08-080

Construction costs will be allocated based on 90% Federal funding and 10% State funding until the Federal funding reaches the maximum obligated amount. The Local Government will then be responsible for 100% of the costs.

DESCRIPTION	TOTAL ESTIMATED COST	FEDERAL PARTICIPATION		STATE PARTICIPATION		LOCAL PARTICIPATION	
		%	Cost	%	Cost		Cost
Engineering (by Local)	\$39,860.00	0%	\$0	0%	\$0	100%	\$39,860.00
Construction (by State)	\$308,592.00	90%	\$277,732.80	10%	\$30,859.20	0%	\$0
Subtotal	\$348,452.00		\$277,732.80		\$0		\$39,860.00
Environmental Direct State Costs	\$3,602.81	0%	\$0	0%	\$0	100%	\$3,602.81
Right of Way Direct State Costs	\$3,602.81	0%	\$0	0%	\$0	100%	\$3,602.81
Engineering Direct State Costs	\$3,602.81	0%	\$0	0%	\$0	100%	\$3,602.81
Utility Direct State Costs	\$3,602.81	0%	\$0	0%	\$0	100%	\$3,602.81
Construction Direct State Costs	\$14,411.25	0%	\$0	0%	\$0	100%	\$14,411.25
Subtotal	\$28,822.49		\$0		\$0		\$28,822.49
Indirect State Cost – 4.60%	\$16,028.79	0%	\$0	100%	\$16,028.79	0%	\$0
TOTAL	\$393,303.28		\$277,732.80		\$46,887.99		\$68,682.49

Initial Payment by the Local Government to the State: **\$14,411.24**

Payment by the Local Government to the State before Construction: **\$14,411.25**

Estimated total payment by the Local Government to the State: **\$28,822.49**

This is an estimate. The final amount of Local Government participation will be based on actual costs.

TxDOT:				Federal Highway Administration:	
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction
District #	18/DAL	Code Chart 64#	16950	<i>Item 16.</i>	
Project Name	Traffic Signal Improvements			AFA Not Used For Research & Development	

**ATTACHMENT B
PROJECT BUDGET**

CSJ:0918-47-452

Construction costs will be allocated based on 100% Federal funding and 0% Local Government funding until the Federal funding reaches the maximum obligated amount. The Local Government will then be responsible for 100% of the costs.

DESCRIPTION	TOTAL ESTIMATED COST	FEDERAL PARTICIPATION		STATE PARTICIPATION		LOCAL PARTICIPATION	
		%	Cost	%	Cost		Cost
Engineering (by Local)	\$39,860.00	0%	\$0	0%	\$0	100%	\$39,860.00
Construction (by State)	\$770,061.00	100%	\$770,061.00	0%	\$0	0%	\$0
Subtotal	\$809,921.00		\$770,061.00		\$0		\$39,860.00
Environmental Direct State Costs	\$8,990.46	0%	\$0	0%	\$0	100%	\$8,990.46
Right of Way Direct State Costs	\$8,990.46	0%	\$0	0%	\$0	100%	\$8,990.46
Engineering Direct State Costs	\$8,990.46	0%	\$0	0%	\$0	100%	\$8,990.46
Utility Direct State Costs	\$8,990.47	0%	\$0	0%	\$0	100%	\$8,990.47
Construction Direct State Costs	\$35,961.85	0%	\$0	0%	\$0	100%	\$35,961.85
Subtotal	\$71,923.70		\$0		\$0		\$71,923.70
Indirect State Cost – 4.60%	\$37,256.37	0%	\$0	100%	\$37,256.37	0%	\$0
TOTAL	\$919,101.07		\$770,061.00		\$37,256.37		\$111,783.70

Initial Payment by the Local Government to the State: **\$35,961.85**

Payment by the Local Government to the State before Construction: **\$35,961.85**

Estimated total payment by the Local Government to the State: **\$71,923.70**

This is an estimate. The final amount of Local Government participation will be based on actual costs.

TxDOT:				Federal Highway Administration:			
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205	Item 16.	
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction		
District #	18/DAL	Code Chart 64#	16950	AFA Not Used For Research & Development			
Project Name	Traffic Signal Improvements						

ATTACHMENT B PROJECT BUDGET

CSJ:0918-47-454

Construction costs will be allocated based on 100% Federal funding and 0% Local Government funding until the Federal funding reaches the maximum obligated amount. The Local Government will then be responsible for 100% of the costs.

DESCRIPTION	TOTAL ESTIMATED COST	FEDERAL PARTICIPATION		STATE PARTICIPATION		LOCAL PARTICIPATION	
		%	Cost	%	Cost		Cost
Engineering (by Local)	\$39,860.00	0%	\$0	0%	\$0	100%	\$39,860.00
Construction (by State)	\$278,882.00	100%	\$278,882.00	0%	\$0	0%	\$0
Subtotal	\$318,742.00		\$278,882.00		\$0		\$39,860.00
Environmental Direct State Costs	\$3,255.94	0%	\$0	0%	\$0	100%	\$3,255.94
Right of Way Direct State Costs	\$3,255.95	0%	\$0	0%	\$0	100%	\$3,255.95
Engineering Direct State Costs	\$3,255.95	0%	\$0	0%	\$0	100%	\$3,255.95
Utility Direct State Costs	\$3,255.95	0%	\$0	0%	\$0	100%	\$3,255.95
Construction Direct State Costs	\$13,023.79	0%	\$0	0%	\$0	100%	\$13,023.79
Subtotal	\$26,047.58		\$0		\$0		\$26,047.58
Indirect State Cost – 4.60%	\$14,662.18	0%	\$0	100%	\$14,662.18	0%	\$0
TOTAL	\$359,451.76		\$278,882.00		\$14,662.18		\$65,907.58

Initial Payment by the Local Government to the State: **\$13,023.79**

Payment by the Local Government to the State before Construction: **\$13,023.79**

Estimated total payment by the Local Government to the State: **\$26,047.58**

This is an estimate. The final amount of Local Government participation will be based on actual costs.

TxDOT:				Federal Highway Administration:			
CCSJ #	0008-08-080	AFA ID	Z00009097	CFDA No.	20.205	Item 16.	
AFA CSJs	0008-08-080, 0918-47-452, 0918-47-454, 2208-02-025			CFDA Title	Highway Planning and Construction		
District #	18/DAL	Code Chart 64#	16950				
Project Name	Traffic Signal Improvements			AFA Not Used For Research & Development			

ATTACHMENT B PROJECT BUDGET

CSJ:2208-02-025

Construction costs will be allocated based on 90% Federal funding and 10% State funding until the Federal funding reaches the maximum obligated amount. The Local Government will then be responsible for 100% of the costs.

DESCRIPTION	TOTAL ESTIMATED COST	FEDERAL PARTICIPATION		STATE PARTICIPATION		LOCAL PARTICIPATION	
		%	Cost	%	Cost		Cost
Engineering (by Local)	\$39,860.00	0%	\$0	0%	\$0	100%	\$39,860.00
Construction (by State)	\$183,320.00	90%	\$164,988.00	10%	\$18,332.00	0%	\$0
Subtotal	\$223,180.00		\$164,988.00		\$18,332.00		\$39,860.00
Environmental Direct State Costs	\$2,140.26	0%	\$0	0%	\$0	100%	\$2,140.26
Right of Way Direct State Costs	\$2,140.26	0%	\$0	0%	\$0	100%	\$2,140.26
Engineering Direct State Costs	\$2,140.26	0%	\$0	0%	\$0	100%	\$2,140.26
Utility Direct State Costs	\$2,140.26	0%	\$0	0%	\$0	100%	\$2,140.26
Construction Direct State Costs	\$8,561.05	0%	\$0	0%	\$0	100%	\$8,561.05
Subtotal	\$17,122.09		\$0		\$0		\$17,122.09
Indirect State Cost – 4.60%	\$10,266.28	0%	\$0	100%	\$10,266.28	0%	\$0
TOTAL	\$250,568.37		\$164,988.00		\$28,598.28		\$56,982.09
GRAND TOTAL	\$1,922,424.48		\$1,491,663.80		\$127,404.82		\$303,355.86

Initial Payment by the Local Government to the State: **\$8,561.04**

Payment by the Local Government to the State before Construction: **\$8,561.05**

Estimated total payment by the Local Government to the State: **\$17,122.09**

This is an estimate. The final amount of Local Government participation will be based on actual costs.

GRAND TOTAL Initial Payment by the Local Government to the State: **\$71,957.92**

GRAND TOTAL Payment by the Local Government to the State before Construction: **\$71,957.94**

GRAND TOTAL Estimated total payment by the Local Government to the State: **\$143,915.86**

This is an estimate. The final amount of Local Government participation will be based on actual costs