CITY COUNCIL
WORKSHOP SESSION MINUTES
AUGUST 5, 2024

PRESENT:

Dr. Christopher Harvey, Mayor

COUNCIL MEMBERS:

Emily Hill, Mayor Pro Tem, Place 1 (Absent)
Anne Weir, Place 2
Maria Amezcua, Place 3 (arrived at 6:44 p.m.)
Sonia Wallace, Place 4
Aaron Moreno, Place 5
Deja Hill, Place 6 (Absent)

CITY STAFF:

Scott Moore, City Manager
Lluvia T. Almaraz, City Secretary
Ryan Phipps, Chief of Police
Tracey Vasquez, HR Director
Scott Jones, Economic Development Director
Belen Peña, Finance Director
Matt Woodard, Public Works Director
Yalondra V. Santana, Heritage & Tourism Manager
Frank T. Phelan, P.E., City Engineer
Pauline Grey, P.E., City Engineer

WORKSHOP SESSION – 6:00 P.M.

With a quorum of the Council Members present, the workshop session of the Manor City Council was called to order by Mayor Harvey at 6:07 p.m. on Monday, August 5, 2024, in the Manor City Hall, 105 E. Eggleston St., Manor, Texas.

A. Discussion of the Proposed FY24-25 Annual Budget

City Manager Moore presented the attached proposed budget.

City Engineer Frank Phelan and Pauline Grey discussed the attached PowerPoint presentation.

The topic of discussion:

- Wastewater Master Plan 2024

Finance Director Peña discussed the proposed tax rate.

A discussion was held regarding a tax rate increase vs the use of impact fees for tax fees.

Mayor Harvey and Council Members present concurred that a tax rate increase would be recommended.

There was no action taken.

ADJOURNMENT

The Manor City Council Workshop Session Adjourned at 8:24 p.m. on Monday, August 5, 2024.

The Manor City Council approved these minutes on September 4, 2024.

APPROVED:

Dr. Christopher Harvey
Mayor

ATTEST:

Lluvia T. Almaraz, TRMC
City Secretary

PROPOSED BUDGET

FISCAL YEAR 2024-2025

PREPARED BY: FINANCE DEPARTMENT

WORKSHOP 7/31/2024

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FY 2024-2025 Proposed Annual Budget

10 -GENERAL FUND FINANCIAL SUMMARY						Proposed	Annual BUDGET FY 2024-25
				50.00 % OF YEAR COMPLETE			
REVENUE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
ADMINISTRATION							
TAXES	10,665,656	12,574,806	13,927,200	12,225,431	87.78	1,701,769	**15,643,100**
MISCELLANEOUS	3,268,638	(121,657)	31,810	38,359	120.59	(6,549)	**36,900**
PERMITS/LICENSES	3,975	420	6,290	60	0.95	6,230	**6,300**
OTHER	157,345	1,731,667	1,242,646	882,606	71.03	360,040	**1,485,000**
TOTAL ADMINISTRATION	14,095,614	14,185,236	15,207,946	13,146,456	86.44	2,061,490	**17,171,300**
STREET							
MISCELLANEOUS	105,018	586,479	187,474	8,752	4.67	178,722	**174,000**
SANITATION CHARGES	1,470,042	1,663,397	1,120,000	885,773	79.09	234,227	**1,775,000**
TOTAL STREET	1,575,059	2,249,876	1,307,474	894,525	68.42	412,949	**1,949,000**
DEVELOPMENT SERVICES							
MISCELLANEOUS	51,078	53,299	54,310	20,182	37.16	34,128	**42,000**
PERMITS/LICENSES	3,550,779	2,476,132	2,374,211	1,928,130	81.21	446,081	**2,303,100**
TOTAL DEVELOPMENT SERVICES	3,601,857	2,529,430	2,428,521	1,948,313	80.23	480,208	**2,345,100**
PARKS/RECREATIONS							
MISCELLANEOUS	40,000	40,000	0	0	0.00	0	**-**
TOTAL PARKS/RECREATION	40,000	40,000	0	0	0.00	0	**-**
COURT							
MISCELLANEOUS	2,294	2,236	1,400	1,860	132.86	(460)	**2,000**
COURT FEES	523,039	529,897	419,037	466,603	111.35	(47,566)	**531,200**
TOTAL COURT	525,333	532,133	420,437	468,463	111.42	(48,026)	**533,200**

FY 2024-2025 Proposed Annual Budget

POLICE							
MISCELLANEOUS	66,004	97,331	42,513	44,193	103.95	(1,680)	**35,000**
POLICE CHARGES/FEES	74,953	62,377	76,138	163,732	215.05	(87,594)	**72,000**
TOTAL POLICE	140,956	159,707	118,651	207,925	175.24	(89,274)	**107,000**
ECONOMIC DEV. SERVICES							
TAXES	1,132	0	0	0	0.00	0	-
TOTAL ECONOMIC DEV. SERVICES	1,132	0	0	0	0.00	0	-
COMMUNITY DEV. SERV.							
PERMITS/LICENSES	0	0	0	0	0.00	0	**8,000**
TOTAL COMM. DEV. SERVICES	0	0	0	0	0.00	0	**8,000**
NON-DEPARTMENTAL							
TRANSFERS	0	0	315,105	0	0.00	315,105	-
TOTAL NON-DEPARTMENTAL	0	0	315,105	0	0.00	315,105	-
TOTAL REVENUES	**19,979,952**	**19,696,382**	**19,798,134**	**16,665,682**	**84**	**3,132,452**	**22,113,600**

FY2024-2025 PROPOSED ANNUAL BUDGET

10 -GENERAL FUND
REVENUES

Proposed Annual Budget FY 2024-25

50.00 % OF YEAR COMPLETE

ADMINISTRATION REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
TAXES								
10-4100-40-40000	AD VALOREM TAXES - CURRENT	7,254,552	8,787,133	10,271,817	10,217,836	99.47	53,981	**11,682,073**
10-4100-40-40010	AD VALOREM TAXES - PRIOR	81,418	13,158	35,000	12,245	34.99	22,755	**25,000**
10-4100-40-40015	RENDITION PAYMENTS	-	-	-	-	-	-	**0**
10-4100-40-40016	VEHICLE DEALER INVENTORY	13,291	7,188	7,188	-	-	7,188	**2,000**
10-4100-40-40020	AD VALOREM TAXES P&I	73,682	31,374	50,000	33,760	67.52	16,240	**50,000**
10-4100-40-40025	SALES TAX COMPTROLLER	2,381,579	2,808,340	2,561,190	1,458,947	56.96	1,102,243	**2,900,000**
10-4100-40-40040	FRANCHISE TAX-ELECTRIC	354,850	409,658	430,000	262,309	61.00	167,691	**430,000**
10-4100-40-40043	FRANCHISE TAX-CABLE TE	134,899	100,060	96,000	45	0.05	95,955	**96,000**
10-4100-40-40044	FRANCHISE PEG TAX - CABLE TV	26,644	13,689	13,700	35,731	260.81	(22,031)	**13,700**
10-4100-40-40045	FRANCHISE TAX-GAS/PROP	40,544	59,684	60,000	15,130	25.22	44,870	**60,000**
10-4100-40-40047	FRANCHISE TAX-TELEPHONE	17,192	67,311	60,000	54,128	90.21	5,872	**60,000**
10-4100-40-40050	FRANCHISE TAX-SOLID WASTE	265,003	245,414	318,000	129,137	40.61	188,863	**300,000**
10-4100-40-40051	SIGN KIOSK FEES	3,285	3,750	4,000	2,695	67.38	1,305	**4,000**
10-4100-40-40060	MIXED BEVERAGE TAXES	15,469	26,638	18,000	2,021	11.23	15,979	**18,000**
10-4100-40-40061	OPEN RECORD FEES	3,250	1,410	2,305	1,445	62.71	860	**2,327**
TOTAL TAXES		10,665,656	12,574,806	13,927,200	12,225,431	87.78	1,701,769	**15,643,100**
MISCELLANEOUS								
10-4100-42-42070	CITY MERCH	2,750	2,084	2,000	199	9.95	1,801	**2,000**
10-4100-42-42099	MISCELLANEOUS	3,265,888	(135,081)	20,000	33,570	167.85	(13,570)	**25,000**
10-4100-42-42100	GRANTS	-	-	-	-	-	-	**0**
10-4100-42-42200	VERIZON LEASE AGREEMENT	-	11,340	9,810	4,590	46.79	5,220	**9,900**
10-4100-42-42500	DONATIONS	-	-	-	-	-	-	**0**
10-4100-42-48100	UNCLAIMED PROPERTY	-	-	-	-	-	-	**0**
TOTAL MISCELLANEOUS		3,268,638	(121,657)	31,810	38,359	120.59	(6,549)	**36,900**

PERMITS/LICENSES								
10-4100-45-42010	PERMITS-PET	100	30	440	-	-	440	**450**
10-4100-45-42020	HEALTH PERMITS	-	-	-	-	-	-	**0**
10-4100-45-42040	PERMITS- CITY MISC	-	40	150	-	-	150	**150**
10-4100-45-42050	LICENSES- ALCHOLIC BEV	3,875	350	5,700	60	1.05	5,640	**5,700**
TOTAL PERMITS/LICENSES		3,975	420	6,290	60	0.95	6,230	**6,300**
OTHER								
10-4100-48-42050	NOTARY FEES	322	162	129	-	-	129	**130**
10-4100-48-48000	INTEREST INCOME	157,023	1,731,505	1,242,517	882,606	71.03	359,911	**1,484,870**
TOTAL OTHER		157,345	1,731,667	1,242,646	882,606	71.03	360,040	**1,485,000**
TOTAL ADMINISTRATION REVENUES		**14,095,614**	**14,185,236**	**15,207,946**	**13,146,456**	**86.44**	**2,061,490**	**17,171,300**

STREET REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
MISCELLANEOUS								
10-4225-42-42098	CAP METRO BCT	84,500	84,500	169,000	-	-	169,000	**169,000**
10-4225-42-42099	MISCELLANEOUS	20,518	501,979	18,474	8,752	47.37	9,722	**5,000**
TOTAL MISCELLANEOUS		105,018	586,479	187,474	8,752	4.67	178,722	**174,000**
SANITATION CHARGES								
10-4225-44-44010	SOLID WASTE REVENUE	1,445,928	1,637,789	1,100,000	871,604	79.24	228,396	**1,750,000**
10-4225-44-44025	LATE FEES TRASH	24,113	25,608	20,000	14,169	70.85	5,831	**25,000**
TOTAL SANITATION CHARGES		1,470,042	1,663,397	1,120,000	885,773	79.09	234,227	**1,775,000**
TOTAL STREET REVENUES		**1,575,059**	**2,249,876**	**1,307,474**	**894,525**	**68.42**	**412,949**	**1,949,000**

FY2024-2025 PROPOSED ANNUAL BUDGET

DEVELOPMENT SERVICES REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
MISCELLANEOUS								
10-4300-42-42090	TECHNOLOGY FEES	40,530.00	31,939	34,000	16,020	47.12	17,980	**34,000**
10-4300-42-42091	ONLINE PAYMENT FEE	5,028.00	5,260	4,310	2,964	68.77	1,346	**5,000**
10-4300-42-42092	FILMING PROJECT FEES	100.00	-		-	-	-	**0**
10-4300-42-42099	MISCELLANEOUS	5,000.00	15,000	15,000	1,198	7.99	13,802	**2,000**
10-4300-42-42100	RETURN CHECK FEE	420.00	1,100	1,000	-	-	1,000	**1,000**
TOTAL MISCELLANEOUS		51,078	53,299	54,310	20,182	37.16	34,128	**42,000**
PERMITS/LICENSES								
10-4300-45-42040	PERMITS-CITY MISC.	-	-	-	-	-	-	**0**
10-4300-45-44095	SIGN PERMITS	1,686	3,423	3,083	1,802	58.44	1,281	**3,000**
10-4300-45-44096	SITE PLAN	28,061	31,384	26,936	28,661	106.40	(1,725)	**30,000**
10-4300-45-44097	NOTIFICATIONS	7,975	11,285	7,525	4,730	62.86	2,795	**8,000**
10-4300-45-45000	DEVELOPER FUNDINGS	-	-	-	-	-	-	**0**
10-4300-45-45050	PLAT AND PLAN FEES	171,739	95,195	160,000	82,195	51.37	77,805	**125,000**
10-4300-45-45075	BLDG. PLAN REVIEW	-	-	100	-	-	100	**0**
10-4300-45-45076	SUBDIVISION TEST & INSP	542,181	552,681	565,000	525,795	93.06	39,205	**475,000**
10-4300-45-45077	ZONING	8,130	15,088	9,217	3,356	36.41	5,861	**9,000**
10-4300-45-45100	BUILDING PERMITS	1,985,122	1,102,307	1,000,000	922,505	92.25	77,495	**1,000,000**
10-4300-45-45101	R.O.W. PEMITS	1,800	1,500	2,250	637	28.29	1,613	**1,500**
10-4300-45-45102	GAMING MACHINES	-	-	-	1,600	-	(1,600)	**1,600**
10-4300-45-45200	BUILDINGS INSPECTION FEES	799,085	663,269	600,000	356,850	59.48	243,150	**600,000**
10-4300-45-45500	PROFESSIONAL DEPOSIT FEES	-	-	100	-	-	100	**0**
10-4300-45-45501	W/WW FEASIBILITY STUDY	5,000	-	-	-	-	-	**50,000**
TOTAL PERMITS/LICENSES		3,550,779	2,476,132	2,374,211	1,928,130	81.21	446,081	**2,303,100**
TOTAL DEVELOPMENT SERVICES REVENUES		**3,601,857**	**2,529,430**	**2,428,521**	**1,948,313**	**80.23**	**480,208**	**2,345,100**

FY2024-2025 PROPOSED ANNUAL BUDGET

PARKS/RECREATION		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
MISCELLANEOUS								
10-4400-42-42101	PARK LAND MAINT PMNTS	40,000	40,000	-	-	-	-	**0**
TOTAL MISCELLANEOUS		40,000	40,000	-	-	-	-	**0**
TOTAL PARKS REVENUES		**40,000**	**40,000**	**-**	**-**	**-**	**-**	**0**

COURT REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
10-4500-42-42090	ONLINE PAYMENT FEES	2,294	2,236	1,400	1,860	132.86	(460)	**2,000**
TOTAL MISCELLANEOUS		2,294	2,236	1,400	1,860	132.86	(460)	**2,000**
COURT FEES								
10-4500-46-46100	COURT TECHNOLOGY FEE	6,842	7,142	12,000	6,912	57.60	5,088	**12,000**
10-4500-46-46200	COURT BUILDING SECURITY	7,815	8,292	8,600	8,259	96.03	341	**9,000**
10-4500-46-46300	COURT COSTS EARNED	501,178	506,584	393,028	443,178	112.76	(50,150)	**500,000**
10-4500-46-46301	JUVENILLE CASE MGR FUND	7,063	7,724	5,303	8,092	152.60	(2,789)	**10,000**
10-4500-46-46302	JURY FUND	141	155	106	162	152.59	(56)	**200**
TOTAL COURT FEES		523,039	529,897	419,037	466,603	111.35	(47,566)	**531,200**
TOTAL COURT REVENUES		**525,333**	**532,133**	**420,437**	**468,463**	**111.42**	**(48,026)**	**533,200**

POLICE REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
MISCELLANEOUS								
10-4600-42-41015	GRANT PROCEEDS - POLIC	1,064	5,380	22,513	-	-	22,513	**5,000**
10-4600-42-42099	MISCELLANEOUS	64,940	91,951	20,000	44,193	220.97	(24,193)	**30,000**
TOTAL MISCELLANEOUS		66,004	97,331	42,513	44,193	103.95	(1,680)	**35,000**

POLICE CHARGES/FEES								
10-4600-47-47000	ASSET SEIZURES	-	-	1,250	-	-	1,250	**0**
10-4600-47-47009	ALARM PERMIT	7,780	5,985	7,000	3,410	48.71	3,590	**5,000**
10-4600-47-47010	POLICE REPORTS	6	-	-	-	-	-	**0**
10-4600-47-47011	FINGER PRINTING	350	165	190	10	5.26	180	**190**
10-4600-47-47110	MOTOR VEHICLE DISB	14,958	16,888	12,288	8,155	66.37	4,133	**15,810**
10-4600-47-47200	WARRANT AND FTA FEES	31	62	2,410	112	4.66	2,298	**8,000**
10-4600-47-47310	IMPOUNDS	24,420	25,725	23,000	33,165	144.20	(10,165)	**23,000**
10-4600-47-47325	AUCTIONS	-	-	-	99,563	-	(99,563)	**5,000**
10-4600-47-47400	POLICE CAR RENTAL INCO	27,407	13,551	30,000	19,316	64.39	10,684	**15,000**
TOTAL POLICE CHARGES/FEES		74,953	62,377	76,138	163,732	215.05	(87,594)	**72,000**
TOTAL POLICE REVENUES		**140,956**	**159,707**	**118,651**	**207,925**	**175.24**	**(89,274)**	**107,000**

ECONOMIC DEV. SERVICES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2020-21 CURR. BUDGET	YTD ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
TAXES								
10-4800-40-40040	EVENT FEES	1,132	-	-	-	-	-	**0**
TOTAL ECONOMIC DEV. SERVICES		1,132	-	-	-	-	-	**-**
TOTAL ECONOMIC DEV. SVCS REVENUE		**1,132**	**-**	**-**	**-**	**-**	**-**	**0**

COMMUNITY DEV. SERVICES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERMITS/LICENSES								
10-4811-45-42040	VENDORS FEES	-		-	-	-	-	**8,000**
TOTAL PERMITS/LICENSES		-		-	-	-	-	**8,000**
TOTAL COMMUNITY DEV. SVCS REVENUE		**-**	**-**	**-**	**-**	**-**	**-**	**8,000**

FY2024-2025 PROPOSED ANNUAL BUDGET

NON-DEPARTMENTAL		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
TRANSFERS								
10-4999-49-50005	TRANSFERS IN	-	-	315,105	-	-	315,105	**0**
10-4999-49-50010	TRANSFERS FROM CPF	-	-	-	-	-	-	**0**
10-4999-49-59000	TRANSFERS FROM UF	-	-	-	-	-	-	**0**
TOTAL TRANSFERS		-	-	315,105	-	-	315,105	**0**
TOTAL NON-DEPARTMENTAL REVENUES		**-**	**-**	**315,105**	**-**	**-**	**315,105**	**0**
TOTAL REVENUES		**19,979,952**	**19,696,382**	**19,798,134**	**16,665,682**	**84.18**	**3,132,452**	**22,113,600**

FY 2024-2025 Proposed Annual Budget

10 -GENERAL FUND FINANCIAL SUMMARY						Proposed	Annual BUDGET FY 2024-25
				50.00 % OF YEAR COMPLETE			
EXPENDITURE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
COUNCIL							
PERSONNEL	0	0	0	0	0.0	0	**260,938**
OPERATING	0	0	360,000	0	0.0	360,000	**353,000**
TOTAL COUNCIL	0	0	360,000	0	0.0	360,000	**613,938**
ADMINISTRATION							
PERSONNEL	298,109	389,016	498,583	287,518	57.7	211,065	**571,529**
OPERATING	253,534	636,457	437,799	141,834	32.4	295,965	**118,500**
REPAIRS & MAINTENANCE	29,394	44,322	38,600	2,165	5.6	36,435	**38,600**
CONTRACTED SERVICES	647,448	1,421,326	1,052,300	709,613	67.4	342,687	**1,044,264**
TOTAL ADMINISTRATION	1,228,485	2,491,121	2,027,282	1,141,131	56.3	886,151	**1,772,893**
FINANCE							
PERSONNEL	530,095	589,774	761,499	204,887	26.9	556,612	**917,165**
OPERATING	239,647	276,799	237,680	118,130	49.7	119,550	**154,190**
REPAIRS & MAINTENANCE	1,060	11,371	3,000	6,934	231.1	(3,934)	**5,000**
CONTRACTED SERVICES	60,220	46,278	63,200	5,476	8.7	57,724	**69,300**
DEBT PAYMENTS	0	5,052	20,000	12,097	60.5	7,903	**25,000**
TOTAL FINANCE	831,022	929,272	1,085,379	347,524	32.0	737,855	**1,170,655**
STREET							
PERSONNEL	376,747	469,062	675,637	294,559	43.6	381,078	**728,873**
OPERATING	248,156	272,988	248,670	165,942	66.7	82,728	**261,200**
REPAIRS & MAINTENANCE	241,471	153,677	190,000	31,262	16.5	158,738	**192,000**
CONTRACTED SERVICES	2,351,517	2,345,380	2,782,800	1,807,786	65.0	975,014	**2,805,000**
DEBT PAYMENTS	86,169	711,029	235,302	204,614	87.0	30,688	**85,000**
CAPITAL OUTLAY < $5K	5,353	230,244	10,000	1,362	13.6	8,638	**10,000**
CAPITAL OUTLAY > $5K	34,150	7,362	10,000	0	0.0	10,000	**170,000**
TOTAL STREET	3,343,562	4,189,741	4,152,409	2,505,525	60.3	1,646,884	**4,252,073**

FY 2024-2025 Proposed Annual Budget

DEVELOPMENT SERVICES							
PERSONNEL	468,677	642,965	948,227	383,431	40.4	564,796	**965,702**
OPERATING	169,618	163,611	219,915	42,875	19.5	177,040	**204,100**
REPAIRS & MAINTENANCE	1,216	12,562	4,400	632	14.4	3,768	**4,000**
CONTRACTED SERVICES	355,283	544,221	310,000	160,949	51.9	149,051	**440,000**
DEBT PAYMENTS	6,458	11,676	28,500	25,304	88.8	3,196	**28,500**
TOTAL DEVELOPMENT SERVICES	1,001,252	1,375,035	1,511,042	613,191	40.6	897,851	**1,642,302**
PARKS							
PERSONNEL	322,340	474,016	606,628	290,887	48.0	315,741	**630,953**
OPERATING	38,408	39,926	54,650	28,794	52.7	25,856	**85,000**
REPAIRS & MAINTENANCE	467,959	150,413	341,000	21,363	6.3	319,637	**344,000**
CONTRACTED SERVICES	1,518	15,457	12,000	0	0.0	12,000	**86,000**
DEBT PAYMENTS	32,371	6,458	54,518	6,458	11.8	48,060	**75,300**
GRANT EXPENDITURES	0	0	10,000	0	0.0	10,000	**10,000**
CAPITAL OUTLAY < $5K	716	5,774	8,250	1,135	13.8	7,115	**8,200**
CAPITAL OUTLAY > $5K	209,951	13,393	25,000	0	0.0	25,000	**50,000**
TOTAL PARKS	1,073,263	705,436	1,112,046	348,636	132.5	763,410	**1,289,453**
COURT							
PERSONNEL	223,998	250,224	351,113	105,712	30.1	245,401	**317,335**
OPERATING	41,256	24,743	52,245	25,741	49.3	26,504	**63,000**
CONTRACTED SERVICES	189,505	197,352	181,198	84,071	46.4	97,127	**209,500**
CAPITAL OUTLAY < $5K	0	0	1,620	0	0.0	1,620	**-**
CAPITAL OUTLAY > $5K	0	7,890	13,307	0	0.0	13,307	**-**
TOTAL COURT	454,758	480,209	599,483	215,524	36.0	383,959	**589,835**
POLICE							
PERSONNEL	3,354,040	3,735,317	4,963,923	2,216,425	44.7	2,747,498	**5,599,762**
OPERATING	436,095	569,353	709,878	221,782	31.2	488,096	**731,300**
REPAIRS & MAINTENANCE	191,292	129,424	111,500	76,328	68.5	35,172	**211,500**
CONTRACTED SERVICES	284,674	324,980	393,349	370,771	94.3	22,578	**456,000**
DEBT PAYMENTS	410,105	622,995	565,500	159,410	28.2	406,090	**565,500**
CAPITAL OUTLAY < $5K	865	1,052	1,000	250	25.0	750	**1,000**
CAPITAL OUTLAY > $5K	48,583	265,509	323,659	335,298	103.6	(11,639)	**459,000**
TOTAL POLICE	4,725,654	5,648,628	7,068,809	3,380,263	47.8	3,688,546	**8,024,062**

FY 2024-2025 Proposed Annual Budget

INFORMATION TECHNOLOGY (I.T.)							
PERSONNEL	174,122	251,597	310,448	156,630	50.5	153,818	**325,858**
OPERATING	221,183	221,145	251,600	130,460	51.9	121,140	**298,400**
REPAIRS & MAINTENANCE	4,514	6,611	5,000	4,408	88.2	592	**15,000**
CONTRACTED SERVICES	217,781	279,299	274,371	149,479	54.5	124,892	**439,000**
DEBT PAYMENTS	0	0		2,868	0.0	(2,868)	
CAPITAL OUTLAY < $5K	72,394	51,019	45,000	4,483	10.0	40,517	**50,000**
CAPITAL OUTLAY > $5K	16,794	30,205	109,884	74,063	67.4	35,821	**115,000**
TOTAL I.T	706,788	839,874	996,303	522,392	52.4	473,911	**1,243,258**
ECONOMIC DEV. SVCS							
PERSONNEL	175,499	155,381	174,112	74,337	42.7	99,775	**166,446**
OPERATING	134,022	26,849	86,300	29,919	34.7	56,381	**130,500**
CONTRACT SERVICES	11,175	28,100	406,000	60,286	14.8	345,715	**375,000**
TOTAL ECONOMIC DEV SVCS	320,696	210,330	666,412	164,542	24.7	501,870	**671,946**
HUMAN RESOURCES							
PERSONNEL	124,619	176,157	230,871	105,388	45.6	125,483	**232,905**
OPERATING	21,756	59,762	65,600	19,981	30.5	45,619	**63,100**
CONTRACTED SERVICES	0	1,770	5,000	2,508	50.2	2,493	**5,000**
TOTAL HUMAN RESOURCES	146,375	237,689	301,471	127,876	42.4	173,595	**301,005**
COMMUNITY DEV. SVCS							
PERSONNEL	814	93,630	120,649	18,241	15.1	102,408	**101,857**
OPERATING	0	121,730	156,850	167,144	106.6	(10,294)	**440,323**
TOTAL COMMUNITY DEV	814	215,360	277,499	185,385	66.8	92,114	**542,180**
TOTAL EXPENDITURES	**13,832,671**	**17,322,697**	**19,798,135**	**9,551,989**	**48.25**	**10,246,146**	**22,113,600**
REVENUES OVER/(UNDER) EXPENDITURES	**6,147,282**	**2,373,685**	**(1)**	**7,113,693**		**(7,113,694)**	**0**

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FY2024-2025 PROPOSED ANNUAL BUDGET

10 -GENERAL FUND
DEPARTMENTAL EXPENDITURES

Proposed Annual Budget FY 2024-25

50.00 % OF YEAR COMPLETE

COUNCIL EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5175-50-50010	SALARIES	-	-	-	-	-	-	**222,000**
10-5175-50-50200	EMPLOYER PAID TAXES	-	-	-	-	-	-	**16,983**
10-5175-50-50255	WORKERS' COMPENSATION	-	-	-	-	-	-	**955**
10-5175-50-50521	COUNCIL EDUCATION	-	-	-	-	-	-	**21,000**
TOTAL PERSONNEL		-	-	-	-	-	-	**260,938**
OPERATING								
10-5175-51-51018	COMMUNITY PROGRAMS	-	-	-	-	-	-	**300,000**
10-5175-51-51160	ELECTION EXPENSES	-	-	-	-	-	-	**20,000**
10-5175-51-51480	MEETING EXPENSES	-	-	-	-	-	-	**7,500**
10-5175-51-51746	SUPPLIES-OFFICE	-	-	-	-	-	-	**500**
10-5175-51-51790	COUNCIL TRAVEL	-	-	-	-	-	-	**25,000**
TOTAL OPERATING		-	-	-	-	-	-	**353,000**
TOTAL COUNCIL EXPENSES		**-**	**-**	**-**	**-**	**-**	**-**	**613,938**

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FY2024-2025 PROPOSED ANNUAL BUDGET

50.00 % OF YEAR COMPLETE

ADMINISTRATION EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5100-50-50010	SALARIES	209,421	287,563	352,040	220,186	62.55	131,854	**438,435**
10-5100-50-50050	OVERTIME	589	-	708	-	-	708	**1,092**
10-5100-50-50075	LONGEVITY	1,000	700	1,000	800	80.00	200	**1,200**
10-5100-50-50200	EMPLOYER PAID TAXES	15,560	22,406	27,319	13,637	49.92	13,682	**33,716**
10-5100-50-50255	WORKERS' COMPENSATION	156	168	170	1,067	627.43	(897)	**1,807**
10-5100-50-50325	HEALTH INSURANCE	24,481	31,040	45,185	17,269	38.22	27,916	**41,396**
10-5100-50-50335	HEALTH ASSISTANCE	-	-	260	4,500	1,730.77	(4,240)	**4,500**
10-5100-50-50410	EMPLOYER RETIREMENT CO	18,234	24,693	30,155	13,281	44.04	16,874	**34,883**
10-5100-50-50520	EMPLOYEE EDUCATION	2,703	4,588	5,360	1,898	35.42	3,462	**7,000**
10-5100-50-50521	COUNCIL EDUCATION	21,866	10,659	22,886	9,066	39.61	13,820	**0**
10-5100-50-50650	VEHICLE ALLOWANCE	4,098	7,200	13,000	5,815	44.73	7,185	**7,500**
10-5100-50-50700	REIMBURSABLE UNEMPLOYM	-	-	500	-	-	500	**0**
TOTAL PERSONNEL		298,109	389,016	498,583	287,518	57.67	211,065	**571,529**
OPERATING								
10-5100-51-51010	ADVER/NOTIFICATION/PUBLIC HEA	22,429	9,933	14,500	5,104	35.20	9,396	**14,500**
10-5100-51-51011	PRE-EMPLO SCREENING	67	1	50	1	2.00	49	**50**
10-5100-51-51012	ADMIN RENT	5,517	5,510	3,800	3,000	78.95	800	**6,000**
10-5100-51-51018	COMMUNITY PROGRAMS	-	94,396	300,000	15,092	5.03	284,908	**0**
10-5100-51-51043	CITY EVENTS	15,595	10,907	15,000	1,087	7.25	13,913	**0**
10-5100-51-51044	AUTHORIZE.NET FEES	151	330	210	120	57.14	90	**210**
10-5100-51-51160	ELECTION EXPENSES	47,690	20,792	7,000	24,618	351.68	(17,618)	**0**
10-5100-51-51335	INSURANCE-PROPERTY, CA	990	1,106	1,110	1,191	107.30	(81)	**8,000**
10-5100-51-51339	INSURANCE-SPECIAL EVENTS	-	424	180	-	-	180	**180**
10-5100-51-51480	MEETING EXPENSES	8,491	6,578	7,500	3,223	42.98	4,277	**3,000**
10-5100-51-51485	MISCELLANEOUS	79,783	437,528	45,000	68,566	152.37	(23,566)	**45,000**
10-5100-51-51602	PENALTIES & INTEREST	-	-	150	70	46.69	80	**150**
10-5100-51-51603	PERIODICALS AND PUBLIC	422	81	200	1,670	834.75	(1,470)	**200**
10-5100-51-51625	POSTAGE/DELIVERY	652	622	500	186	37.10	315	**500**
10-5100-51-51634	EDC BEAUTIFICATION	10,500	-	-	-	-	-	**0**
10-5100-51-51635	PROFESSIONAL & MEMBERS	15,395	18,214	9,500	2,736	28.80	6,764	**9,500**
10-5100-51-51746	SUPPLIES-OFFICE	10,607	4,180	7,562	2,945	38.94	4,617	**7,562**

10-5100-51-51747	COVID 19 SUPPLIES	8,670	1,420	-	-	-	-	**0**
10-5100-51-51780	STAFF TRAVEL	6,999	6,366	2,100	2,612	124.37	(512)	**5,000**
10-5100-51-51790	COUNCIL TRAVEL	-	-	5,000	-	-	5,000	**0**
10-5100-51-51813	UTILITIES-ELECTRIC BLU	12,007	11,947	11,522	5,543	48.11	5,979	**11,522**
10-5100-51-51817	UTILITIES-NATURAL GAS	1,273	1,420	1,415	993	70.16	422	**1,626**
10-5100-51-52110	OFFICE EQUIPMENT LEASE	6,296	4,705	5,500	3,078	55.97	2,422	**5,500**
TOTAL OPERATING		253,534	636,457	437,799	141,834	32.40	295,965	**118,500**
REPAIRS & MAINTENANCE								
10-5100-52-52010	BUILDING REPAIRS & MAINT	25,714	40,622	35,000	95	0.27	34,905	**35,000**
10-5100-52-52012	CLEANING & MAINTENANCE	3,680	3,700	3,600	2,070	57.51	1,530	**3,600**
TOTAL REPAIRS & MAINTENANCE		29,394	44,322	38,600	2,165	5.61	36,435	**38,600**
CONTRACTED SERVICES								
10-5100-54-51165	ENG/PLAN LEGAL SERVICES	158,589	373,766	180,000	128,891	71.61	51,109	**180,000**
10-5100-54-51440	LEGAL FEES	66,203	168,782	65,000	29,344	45.14	35,656	**65,000**
10-5100-54-51441	JUSTFOIA	4,303	3,625	5,000	8,171	163.42	(3,171)	**9,835**
10-5100-54-51442	MEETING/AGENDA MANAGEMENT	5,767	3,800	3,800	-	-	3,800	**3,800**
10-5100-54-51443	LASERFISCHE/CDI	-		80,000	84,997	106.25	(4,997)	**67,629**
10-5100-54-51502	SALES TAX REBATE GREENV	207,002	272,889	360,000	-	-	360,000	**360,000**
10-5100-54-51503	AD VALOREM REBATE GREENV	79,026	79,444	153,000	-	-	153,000	**153,000**
10-5100-54-51504	MUNICODE	2,248	11,392	15,000	-	-	15,000	**15,000**
10-5100-54-51520	R.O.W. PURCHASE	67,127	342,470	100,000	409,094	409.09	(309,094)	**100,000**
10-5100-54-51590	DOCUMENT STORAGE/DESTRUCTI	3,842	976	4,500	874	19.43	3,626	**4,000**
10-5100-54-51760	TAXING DISTRICT FEES	47,330	57,521	56,000	37,838	67.57	18,162	**56,000**
10-5100-54-51998	NEEDS ASSESMENT	3,012	90,661	10,000	3,904	39.04	6,096	**10,000**
10-5100-54-51999	GRANT WRITER SERVICE	3,000	16,000	20,000	6,500	32.50	13,500	**20,000**
TOTAL CONTRACTED SERVICES		647,448	1,421,326	1,052,300	709,613	67.43	342,687	**1,044,264**
TOTAL ADMINISTRATION EXPENDITURES		**1,228,485**	**2,491,121**	**2,027,282**	**1,141,131**	**56.29**	**886,151**	**1,772,893**

FY2024-2025 PROPOSED ANNUAL BUDGET

FINANCE EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5150-50-50010	SALARIES	413,800	451,273	562,544	155,959	27.72	406,585	**698,081**
10-5150-50-50050	OVERTIME	1,180	1,492	8,000	668	8.35	7,332	**4,413**
10-5150-50-50075	LONGEVITY	4,100	4,300	5,000	2,500	50.00	2,500	**3,800**
10-5150-50-50200	EMPLOYER PAID TAXES	30,806	33,929	43,726	9,733	22.26	33,993	**54,031**
10-5150-50-50255	WORKERS' COMPENSATION	430	486	600	1,205	200.84	(605)	**13,399**
10-5150-50-50325	HEALTH INSURANCE	43,474	57,953	84,111	21,683	25.78	62,428	**83,473**
10-5150-50-50410	EMPLOYER RETIREMENT CO	35,533	38,930	47,018	13,089	27.84	33,929	**54,967**
10-5150-50-50520	EMPLOYEE EDUCATION	773	1,411	5,000	50	1.00	4,950	**5,000**
10-5150-50-50650	VEHICLE ALLOWANCE	-	-	5,500	-	-	5,500	**0**
TOTAL PERSONNEL		530,095	589,774	761,499	204,887	26.91	556,612	**917,165**
OPERATING								
10-5150-51-51010	ADVER/POSTING/PUBLIC HEARING	2,665	326	4,500	40	0.90	4,460	**4,500**
10-5150-51-51011	PRE-EMPLOYMENT SCREEN	3	-	100	1	1.00	99	**100**
10-5150-51-51042	CREDIT CARD MERCHANT SVCS	150,256	178,952	150,000	75,198	50.13	74,802	**75,000**
10-5150-51-51080	CASH SHORT & OVER	(692)	206	500	-	-	500	**100**
10-5150-51-51335	INSURANCE-PROPERTY, CA	2,563	2,875	3,305	1,306	39.52	1,999	**3,300**
10-5150-51-51338	INSURANCE LIABILITY	83	80	110	534	485.73	(424)	**1,000**
10-5150-51-51480	MEETING EXPENSES	287	562	500	-	-	500	**500**
10-5150-51-51485	MISCELLANEOUS	492	705	1,250	229	18.35	1,021	**1,250**
10-5150-51-51602	PENALTIES & INTEREST	-	-	600	-	-	600	**600**
10-5150-51-51603	PERIODICALS AND PUBLIC	-	681	100	704	703.50	(604)	**1,000**
10-5150-51-51625	POSTAGE/DELIVERY	68,023	81,492	60,000	34,842	58.07	25,158	**50,000**
10-5150-51-51635	PROFESSIONAL & MEMBERS	-	179	240	-	-	240	**240**
10-5150-51-51746	SUPPLIES-OFFICE	4,429	2,825	3,500	1,026	29.31	2,474	**3,500**
10-5150-51-51780	TRAVEL	1,279	876	5,000	494	9.89	4,506	**5,000**
10-5150-51-52110	OFFICE EQUIPMENT LEASE	5,405	3,814	3,475	2,098	60.38	1,377	**3,600**
10-5150-51-52340	VEHICLE FUEL & OIL	4,854	3,226	4,500	1,657	36.83	2,843	**4,500**
TOTAL OPERATING		239,647	276,799	237,680	118,130	49.70	119,550	**154,190**

REPAIRS & MAINTENANCE								
10-5150-52-52320	VEHICLE REPAIRS & MAINT	1,060	11,371	3,000	6,934	231.12	(3,934)	**5,000**
TOTAL REPAIRS & MAINTENANCE		1,060	11,371	3,000	6,934	231.12	(3,934)	**5,000**
CONTRACTED SERVICES								
10-5150-54-51000	ACCOUNTING & AUDITING	43,469	43,752	55,000	-	-	55,000	**55,000**
10-5150-54-51315	PAYROLL SERVICE	9,930	-	-	4,794	-	(4,794)	**6,000**
10-5150-54-51440	LEGAL FEES	5,700	885	6,500	-	-	6,500	**6,500**
10-5150-54-51590	DOCUMENT STORAGE	1,121	1,641	1,700	682	40.14	1,018	**1,800**
TOTAL CONTRACTED SERVICES		60,220	46,278	63,200	5,476	8.66	57,724	**69,300**
DEBT PAYMENTS								
10-5150-55-52310	VEHICLE LEASE EXPENSE	-	5,052	20,000	12,097	60.49	7,903	**25,000**
TOTAL DEBT PAYMENTS		-	5,052	20,000	12,097	60.49	7,903	**25,000**
TOTAL FINANCE EXPENDITURES		**831,022**	**929,272**	**1,085,379**	**347,524**	**32.02**	**737,855**	**1,170,655**

FY2024-2025 PROPOSED ANNUAL BUDGET

STREET EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5225-50-50010	SALARIES	256,034	323,941	474,066	208,199	43.92	265,867	**515,510**
10-5225-50-50050	OVERTIME	12,803	16,046	14,222	3,529	24.82	10,693	**14,552**
10-5225-50-50075	LONGEVITY	4,700	5,100	5,700	1,100	19.30	4,600	**6,700**
10-5225-50-50200	EMPLOYER PAID TAXES	20,452	25,752	37,790	15,950	42.21	21,840	**41,062**
10-5225-50-50255	WORKERS' COMPENSATION	12,992	14,431	14,000	10,624	75.88	3,376	**30,649**
10-5225-50-50325	HEALTH INSURANCE	43,479	53,113	84,111	36,760	43.70	47,351	**75,126**
10-5225-50-50410	EMPLOYER RETIREMENT CO	23,199	28,822	40,248	17,473	43.41	22,775	**41,774**
10-5225-50-50520	EMPLOYEE EDUCATION	3,087	1,856	3,500	924	26.40	2,576	**3,500**
10-5225-50-50700	REIMB UNEMPLOYMENT	-	-	2,000	-	-	2,000	**0**
TOTAL PERSONNEL		376,747	469,062	675,637	294,559	43.60	381,078	**728,873**
OPERATING								
10-5225-51-51011	PRE-EMPLOYMENT SCREENING	-	1	200	2	1.00	198	**200**
10-5225-51-51335	INSURANCE-PROPERTY, CA	4,760	10,710	4,800	5,249	109.34	(449)	**10,000**
10-5225-51-51338	INSURANCE LIABILITY	1,901	1,672	1,910	1,298	67.96	612	**2,500**
10-5225-51-51610	LICENSES	213	300	-	97	-	(97)	**200**
10-5225-51-51620	PHYSICALS/DRUG TESTING	63	101	200	-	-	200	**200**
10-5225-51-51740	SUPPLIES-MATERIALS	60,823	69,231	45,000	42,714	94.92	2,286	**45,000**
10-5225-51-51741	SUPPLIES-CHEMICALS	-	-	4,000	271	6.77	3,729	**4,000**
10-5225-51-51746	SUPPLIES OFFICE	19	-	500	-	-	500	**500**
10-5225-51-51780	TRAVEL	-	-	100	30	30.07	70	**500**
10-5225-51-51800	UNIFORMS & ACCESSORIES	3,415	3,646	6,960	1,739	24.99	5,221	**8,100**
10-5225-51-51813	UTILITIES-ELECTRIC BLU	114,335	139,784	120,000	84,976	70.81	35,024	**120,000**
10-5225-51-51815	UTILITIES-ELECTRIC TX	14,473	14,641	20,000	10,336	51.68	9,664	**20,000**
10-5225-51-52340	FUEL & OIL	31,391	25,621	25,000	14,825	59.30	10,175	**30,000**
10-5225-51-52440	EQUIPMENT RENTAL	-	330	5,000	555	11.11	4,445	**5,000**
10-5225-51-54020	STREET SIGNS	16,764	6,951	15,000	3,850	25.67	11,150	**15,000**
TOTAL OPERATING		248,156	272,988	248,670	165,942	66.73	82,728	**261,200**

REPAIRS & MAINTENANCE							
10-5225-52-52010	BUILDING REPAIRS & MAINT	12,115	1,010	10,000	-	-	10,000	**10,000**
10-5225-52-52320	VEH REPAIRS & MAINTENANCE	20,841	18,052	20,000	6,056	30.28	13,944	**20,000**
10-5225-52-52430	MACHINERY EQUIP-REPAIR	11,351	12,196	10,000	7,004	70.04	2,996	**12,000**
10-5225-52-54010	STREET REPAIRS & MAINT	197,163	122,418	150,000	18,202	12.13	131,798	**150,000**
TOTAL REPAIRS & MAINTENANCE		241,471	153,677	190,000	31,262	16.45	158,738	**192,000**
CONTRACTED SERVICES							
10-5225-54-51165	ENGINEERING/PLANNING S	84,552	168,791	169,000	950,696	562.54	(781,696)	**125,000**
10-5225-54-51166	STREET CONTRACTED REPAIRS	823,932	420,381	800,000	6,810	0.85	793,190	**800,000**
10-5225-54-51167	DRAINAGE STUDY	21,746	31,895	213,800	3,218	1.50	210,583	**200,000**
10-5225-54-54100	TRASH COLLECTION FEES	1,421,286	1,724,313	1,600,000	847,063	52.94	752,937	**1,680,000**
TOTAL CONTRACTED SERVICES		2,351,517	2,345,380	2,782,800	1,807,786	64.96	975,014	**2,805,000**
DEBT PAYMENTS							
10-5225-55-52310	VEHICLE LEASE EXPENSE	45,115	159,001	119,899	193,300	161.22	(73,401)	**65,000**
10-5225-55-52410	MACHINERY EQUIPMENT LE	41,054	552,028	115,403	11,314	9.80	104,089	**20,000**
TOTAL DEBT PAYMENTS		86,169	711,029	235,302	204,614	86.96	30,688	**85,000**
CAPITAL OUTLAY < $5K							
10-5225-57-52400	MACHINERY EQUIPMENT-PU	-	227,545	5,000	-	-	5,000	**5,000**
10-5225-57-52450	TOOLS	5,353	2,699	5,000	1,362	27.24	3,638	**5,000**
TOTAL CAPITAL OUTLAY < $5K		5,353	230,244	10,000	1,362	13.62	8,638	**10,000**
CAPITAL OUTLAY > $5K							
10-5225-58-52400	MACHINERY EQUIPMENT-PU	34,150	7,362	10,000	-	-	10,000	**170,000**
TOTAL CAPITAL OUTLAY > $5K		34,150	7,362	10,000	-	-	10,000	**170,000**
TOTAL STREET EXPENDITURES		**3,343,562**	**4,189,741**	**4,152,409**	**2,505,525**	**60.34**	**1,646,884**	**4,252,073**

FY2024-2025 PROPOSED ANNUAL BUDGET

DEVELOPMENT SERVICES EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5300-50-50010	SALARIES	370,194	499,182	720,835	291,716	40.47	429,119	**746,129**
10-5300-50-50050	OVERTIME	211	249	3,253	47	1.46	3,206	**5,468**
10-5300-50-50075	LONGEVITY	2,300	3,100	4,100	2,500	60.98	1,600	**4,700**
10-5300-50-50200	EMPLOYER PAID TAXES	27,013	36,875	55,706	21,307	38.25	34,399	**57,857**
10-5300-50-50255	WORKERS' COMPENSATION	443	500	500	3,573	714.62	(3,073)	**4,617**
10-5300-50-50325	HEALTH INSURANCE	35,075	57,528	93,456	37,479	40.10	55,977	**83,473**
10-5300-50-50410	EMPLOYER RETIREMENT CO	31,531	42,085	59,777	24,328	40.70	35,449	**58,859**
10-5300-50-50520	EMPLOYEE EDUCATION	1,910	3,445	4,600	2,481	53.93	2,119	**4,600**
10-5300-50-50650	VEHICLE ALLOWANCE	-	-	5,500	-	-	5,500	**0**
10-5300-50-50700	REIMB UNEMPLOYMENT	-	-	500	-	-	500	**0**
TOTAL PERSONNEL		468,677	642,965	948,227	383,431	40.44	564,796	**965,702**
OPERATING								
10-5300-51-51011	PRE-EMPLOYMENT SCREENING	63	5	100	-	-	100	**100**
10-5300-51-51042	CREDIT CARD MERCHANT	68,237	56,259	66,500	22,288	33.52	44,212	**66,500**
10-5300-51-51330	BLDG INSPECTION FEES	52,240	50,630	75,000	4,830	6.44	70,170	**75,000**
10-5300-51-51331	SUB DIV & INSP. FEES	6,744	-	10,000	-	-	10,000	**10,000**
10-5300-51-51332	OVERPAYMENT/REFUNDS	15,984	7,618	10,500	-	-	10,500	**0**
10-5300-51-51335	INSURANCE-PROPERTY, CA	1,248	1,407	1,248	776	62.15	472	**1,500**
10-5300-51-51338	INSURANCE LIABILITY	689	619	690	1,031	149.48	(341)	**1,500**
10-5300-51-51485	MISCELLANEOUS	5,069	16,607	16,282	91	0.56	16,191	**5,000**
10-5300-51-51603	POSTING & NOTIFICATION	5,184	12,997	9,000	1,466	16.28	7,534	**15,000**
10-5300-51-51610	PERMITS & LICENSES	-	-	120	55	45.83	65	**0**
10-5300-51-51611	TRAVIS CO RECORDATION FEES	-	1,000	2,500	2,000	80.00	500	**2,500**
10-5300-51-51625	POSTAGE/DELIVERY	1,049	2,460	1,475	113	7.66	1,362	**1,500**
10-5300-51-51635	PROF/MEMBERSHIP DUES	940	1,973	2,000	804	40.20	1,196	**2,000**
10-5300-51-51746	SUPPLIES-OFFICE	2,557	6,034	3,000	3,237	107.91	(237)	**4,000**
10-5300-51-51780	TRAVEL	1,925	-	7,000	1,431	20.44	5,569	**7,000**
10-5300-51-51800	UNIFORMS & ACCESSORIES	184	73	2,000	765	38.25	1,235	**1,500**
10-5300-51-52110	OFFICE EQUIP LEASES	-	-	2,500	840	33.62	1,660	**1,000**
10-5300-51-52340	VEHICLE FUEL & OIL	7,505	5,929	10,000	3,148	31.48	6,852	**10,000**
TOTAL OPERATING		169,618	163,611	219,915	42,875	19.50	177,040	**204,100**

REPAIRS & MAINTENANCE								
10-5300-52-52320	VEHICLE REPAIRS & MAIN	1,216	12,562	4,400	632	14.35	3,768	**4,000**
TOTAL REPAIRS & MAINTENANCE		1,216	12,562	4,400	632	14.35	3,768	**4,000**
CONTRACTED SERVICES								
10-5300-54-51165	ENG/PLANNING SERVICES	285,348	328,778	200,000	151,455	75.73	48,545	**250,000**
10-5300-54-51166	FEE SCHEDULE STUDY	4,420	17,480	10,000	-	-	10,000	**0**
10-5300-54-51440	LEGAL FEES	65,515	62,963	50,000	9,494	18.99	40,506	**60,000**
10-5300-54-51450	COMPREHENSIVE PLANNING SVC	-	135,000	50,000	-	-	50,000	**130,000**
TOTAL CONTRACTED SERVICES		355,283	544,221	310,000	160,949	51.92	149,051	**440,000**
DEBT PAYMENTS								
10-5300-55-52310	VEHICLE LEASE EXPENSE	6,458	11,676	28,500	25,304	88.79	3,196	**28,500**
TOTAL DEBT PAYMENTS		6,458	11,676	28,500	25,304	88.79	3,196	**28,500**
TOTAL DEVELOPMENT SERVICES EXPENDITURES		**1,001,252**	**1,375,035**	**1,511,042**	**613,191**	**40.58**	**897,851**	**1,642,302**

FY2024-2025 PROPOSED ANNUAL BUDGET

PARKS EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5400-50-50010	SALARIES	229,515	328,592	427,452	207,974	48.65	219,478	**448,948**
10-5400-50-50050	OVERTIME	5,882	14,724	12,824	3,130	24.41	9,694	**13,140**
10-5400-50-50075	LONGEVITY	3,800	2,900	3,600	900	25.00	2,700	**4,900**
10-5400-50-50200	EMPLOYER PAID TAXES	17,834	26,351	33,956	16,121	47.48	17,835	**35,725**
10-5400-50-50255	WORKERS' COMPENSATION	6,492	7,215	7,220	3,945	54.63	3,275	**15,971**
10-5400-50-50325	HEALTH INSURANCE	38,444	65,069	84,111	41,444	49.27	42,667	**75,126**
10-5400-50-50410	EMPLOYER RETIREMENT CO	20,295	28,901	36,165	17,373	48.04	18,793	**36,343**
10-5400-50-50520	EMPLOYEE EDUCATION	77	264	800	-	-	800	**800**
10-5400-50-50700	REIMB UNEMPLOYMENT	-	-	500	-	-	500	**0**
TOTAL PERSONNEL		322,340	474,016	606,628	290,887	47.95	315,741	**630,953**
OPERATING								
10-5400-51-51011	PRE-EMPLOYMENT SCREENING	265	2	20	1	5.00	19	**20**
10-5400-51-51335	INSURANCE - PROPERTY, CA	48	-	-	3,143	-	(3,143)	**12,000**
10-5400-51-51338	INSURANCE-LIABILITY	-	-	-	316	-	(316)	**1,200**
10-5400-51-51485	MISCELLANEOUS	76	-	100	-	-	100	**100**
10-5400-51-51610	LICENSES	-	-	100	-	-	100	**100**
10-5400-51-51620	PHYSICALS/DRUG TESTING	-	1	200	-	-	200	**200**
10-5400-51-51635	PROFESSIONAL & MEMBERSHIP DU	-	-		-		-	**0**
10-5400-51-51640	DUES & SUBSCRIPTIONS	(35)	-	-	-	-	-	**0**
10-5400-51-51740	SUPPLIES-CHEMICAL & MATERIALS	23,769	15,447	30,000	10,723	35.74	19,277	**30,000**
10-5400-51-51780	TRAVEL	-	-	100	1,096	1,095.76	(996)	**100**
10-5400-51-51800	UNIFORMS & ACCESSORIES	2,577	3,867	7,830	3,142	40.12	4,688	**9,000**
10-5400-51-51813	UTILITIES-ELECTRIC BLU	1,142	1,184	1,200	624	51.99	576	**1,200**
10-5400-51-52340	FUEL & OIL	9,480	19,196	13,000	9,713	74.72	3,287	**19,580**
10-5400-51-52440	EQUIPMENT RENTAL	536	-	1,500	-	-	1,500	**1,500**
10-5400-51-54020	PARKS SIGNS	550	230	600	36	6.00	564	**10,000**
TOTAL OPERATING		38,408	39,926	54,650	28,794	52.69	25,856	**85,000**

REPAIRS & MAINTENANCE								
10-5400-52-52010	BUILDING REPAIRS & MAI	1,885	397	5,000	220	4.40	4,780	**5,000**
10-5400-52-52320	VEH REPAIRS & MAINTENA	2,784	5,388	6,000	2,560	42.66	3,440	**7,000**
10-5400-52-52430	MACHINERY EQUIP-REPAIR	9,588	13,202	10,000	7,477	74.77	2,523	**12,000**
10-5400-52-54015	PARK REPAIRS /MAINTENAN	374,557	109,865	300,000	4,606	1.54	295,394	**300,000**
10-5400-52-54016	CEMETARY REPAIRS/MAINTENANC	6,660	12,000	20,000	6,500	32.50	13,500	**20,000**
10-5400-52-54017	TIMMERMAN REPAIRS/MAINTENA	72,485	9,562	-	-	-	-	**0**
TOTAL REPAIRS & MAINTENANCE		467,959	150,413	341,000	21,363	6.26	319,637	**344,000**
CONTRACTED SERVICES								
10-5400-54-51165	ENGINEERING/PLANNING S	1,518	10,132	11,000	-	-	11,000	**81,000**
10-5400-54-51440	LEGAL FEES	-	5,325	1,000	-	-	1,000	**5,000**
TOTAL CONTRACTED SERVICES		1,518	15,457	12,000	-	-	12,000	**86,000**
DEBT PAYMENTS								
10-5400-55-52310	VEHICLE LEASE EXPENSE	32,371	6,458	45,000	6,458	14.35	38,542	**75,300**
10-5400-55-52410	MACHINERY EQUIPMENT LE	-	-	9,518	-	-	9,518	**0**
TOTAL DEBT PAYMENTS		32,371	6,458	54,518	6,458	11.85	48,060	**75,300**
GRANT EXPENDITURES								
10-5400-56-58000	GRANT EXPENDITURES	-	-	10,000	-	-	10,000	**10,000**
TOTAL GRANT EXPENDITURES		-	-	10,000	-	-	10,000	**10,000**
CAPITAL OUTLAY < $5K								
10-5400-57-52400	MACHINERY EQUIPMENT-PU	184	4,758	7,500	912	12.16	6,588	**7,500**
10-5400-57-52450	TOOLS	532	1,016	750	223	29.74	527	**700**
TOTAL CAPITAL OUTLAY < $5K		716	5,774	8,250	1,135	13.76	7,115	**8,200**
CAPITAL OUTLAY > $5K								
10-5400-58-52400	MACHINERY EQUIPMENT-PU	209,951	13,393	25,000	-	-	25,000	**50,000**
TOTAL CAPITAL OUTLAY > $5K		209,951	13,393	25,000	-	-	25,000	**50,000**
TOTAL PARKS EXPENDITURES		**1,073,263**	**705,436**	**1,112,046**	**348,636**	**31.35**	**763,410**	**1,289,453**

FY2024-2025 PROPOSED ANNUAL BUDGET

MUNICIPAL COURT EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5500-50-50010	SALARIES	144,164	157,225	241,407	62,415	25.85	178,992	**212,696**
10-5500-50-50050	OVERTIME	5,670	6,568	2,414	5,603	232.12	(3,189)	**1,501**
10-5500-50-50075	LONGEVITY	1,500	1,900	2,200	-	-	2,200	**600**
10-5500-50-50150	MUNICIPAL JUDGES SALAR	23,287	28,733	27,192	14,466	53.20	12,726	**27,874**
10-5500-50-50200	EMPLOYER PAID TAXES	12,877	14,676	18,821	6,167	32.77	12,654	**18,564**
10-5500-50-50255	WORKERS' COMPENSATION	342	389	389	198	50.82	191	**995**
10-5500-50-50325	HEALTH INSURANCE	22,644	25,689	37,383	11,291	30.20	26,092	**33,389**
10-5500-50-50410	EMPLOYER RETIREMENT CO	12,828	13,844	17,807	5,572	31.29	12,235	**16,717**
10-5500-50-50520	EMPLOYEE EDUCATION	685	1,200	3,000	-	-	3,000	**5,000**
10-5500-50-50700	REIMB UNEMPLOYMENT	-	-	500	-	-	500	**0**
TOTAL PERSONNEL		223,998	250,224	351,113	105,712	30.11	245,401	**317,335**
OPERATING								
10-5500-51-51011	PRE-EMPLOYMENT SCREENING	-	1	25	1	4.00	24	**25**
10-5500-51-51042	COURT TECHNOLOGY EXPEN	28,526	15,028	36,300	16,969	46.75	19,331	**40,000**
10-5500-51-51080	CASH SHORT (OVER)	-	-	100	-	-	100	**150**
10-5500-51-51485	MISCELLANEOUS	3,560	1,717	1,500	4,948	329.90	(3,448)	**3,000**
10-5500-51-51603	PERIODICALS & PUBLICAT	-	-	100	-	-	100	**100**
10-5500-51-51625	POSTAGE/DELIVERY	1,535	1,767	3,600	662	18.39	2,938	**3,600**
10-5500-51-51635	PROFESSIONAL & MEMBERS	165	165	320	165	51.56	155	**400**
10-5500-51-51746	SUPPLIES-OFFICE	3,379	2,282	4,500	1,010	22.45	3,490	**5,000**
10-5500-51-51780	TRAVEL	733	1,036	1,500	15	0.98	1,485	**5,000**
10-5500-51-52100	COURT SECURITY	1,001	401	1,900	-	-	1,900	**1,900**
10-5500-51-52110	OFFICE EQUIPMENT LEASE	2,356	2,346	2,400	1,970	82.09	430	**3,825**
TOTAL OPERATING		41,256	24,743	52,245	25,741	49.27	26,504	**63,000**

CONTRACTED SERVICES								
10-5500-54-51440	LEGAL FEES	31,581	28,438	37,000	8,400	22.70	28,600	**37,000**
10-5500-54-51595	COLLECTION FEES	32,788	38,414	32,000	11,846	37.02	20,154	**32,000**
10-5500-54-56010	STATE COURT COST	125,136	130,464	111,698	63,825	57.14	47,874	**140,000**
10-5500-54-56425	JURY EXPENSE	-	36	500	-	-	500	**500**
TOTAL CONTRACTED SERVICES		189,505	197,352	181,198	84,071	46.40	97,127	**209,500**
CAPITAL OUTLAY < $5K								
10-5500-57-56105	CAP OUTLAY-COURT SECUR	-	-	1,620	-	-	1,620	**0**
TOTAL CAPITAL OUTLAY < $5K		-	-	1,620	-	-	1,620	**0**
CAPITAL OUTLAY > $5K								
10-5500-58-56105	CAP OUTLAY-COURT SECUR	-	7,890	6,000	-	-	6,000	**0**
10-5500-58-56108	CAP OUTLAY-COURT TECH	-	-	7,307	-	-	7,307	**0**
TOTAL CAPITAL OUTLAY > $5K		-	7,890	13,307	-	-	13,307	**0**
TOTAL MUNICIPAL COURT EXPENSES		**454,758**	**480,209**	**599,483**	**215,524**	**35.95**	**383,959**	**589,835**

FY2024-2025 PROPOSED ANNUAL BUDGET

POLICE EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5600-50-50010	SALARIES	2,409,134	2,565,644	3,523,077	1,556,872	44.19	1,966,205	**3,997,994**
10-5600-50-50011	COVID 19 SALARIES	3,267	-		-	-	-	**0**
10-5600-50-50012	HB2073 PD PAY	8,784	1,830	-	-			**10,896**
10-5600-50-50050	OVERTIME	149,199	262,102	202,824	99,805	49.21	103,019	**231,852**
10-5600-50-50075	LONGEVITY PAY	24,316	21,840	18,100	17,656	97.55	444	**22,200**
10-5600-50-50200	EMPLOYER PAID TAXES	192,075	213,893	286,416	124,205	43.37	162,211	**325,282**
10-5600-50-50255	WORKERS' COMPENSATION	45,282	56,860	85,000	48,255	56.77	36,745	**175,713**
10-5600-50-50325	HEALTH INSURANCE	261,168	306,025	467,913	200,226	42.79	267,687	**434,061**
10-5600-50-50326	TEAM BUILDING	-	85	4,300	-	-	4,300	**0**
10-5600-50-50335	HEALTH ASSISTANCE	-	10,500	-	-	-	-	**0**
10-5600-50-50410	EMPLOYER RETIREMENT CO	219,583	236,844	305,793	142,122	46.48	163,671	**331,764**
10-5600-50-50520	EMPLOYEE EDUCATION	41,232	59,693	70,000	27,284	38.98	42,716	**70,000**
10-5600-50-50700	REIMB UNEMPLOYMENT	-	-	500	-	-	500	**0**
TOTAL PERSONNEL		3,354,040	3,735,317	4,963,923	2,216,425	44.65	2,747,498	**5,599,762**
OPERATING								
10-5600-51-51010	ADVER/RECRUITING	-	-	20,000	251	1.26	19,749	**20,000**
10-5600-51-51335	INSURANCE-PROPERTY, CA	12,640	23,303	23,303	20,684	88.76	2,619	**23,303**
10-5600-51-51338	INSURANCE LIABILITY	76,818	55,875	55,875	27,550	49.31	28,325	**56,197**
10-5600-51-51485	MISCELLANEOUS	6,296	105,917	10,000	5,467	54.67	4,533	**15,000**
10-5600-51-51603	PERIODICALS & PUBLICAT	324	161	500	140	28.02	360	**1,000**
10-5600-51-51610	PERMITS & LICENSING	452	773	500	378	75.54	122	**500**
10-5600-51-51620	PHYSICALS/DRUG TESTING	6,406	5,292	6,000	1,490	24.83	4,510	**5,000**
10-5600-51-51625	POSTAGE/DELIVERY	1,781	1,637	4,000	297	7.43	3,703	**4,000**
10-5600-51-51635	PROFESSIONAL & MEMBERS	1,714	980	5,500	465	8.45	5,035	**5,500**
10-5600-51-51746	SUPPLIES-OFFICE	12,191	15,071	15,000	7,056	47.04	7,944	**17,500**
10-5600-51-51748	SUPPLIES-POLICE SPECIAL	11,853	15,629	25,000	3,732	14.93	21,268	**30,000**
10-5600-51-51780	TRAVEL	24,419	25,160	45,000	16,285	36.19	28,715	**50,000**
10-5600-51-51781	COMMUNITY PROGRAMS	-	4,849	5,000	4,443	88.86	557	**10,000**
10-5600-51-51782	SOCIAL RESOURCE MISCELLANEOU	-	370	5,000	383	7.67	4,617	**5,000**

10-5600-51-51783	ANIMAL CONTROL MISCELLANEOU	-	19	15,000	38	0.25	14,962	**20,000**
10-5600-51-51784	K-9	-	-	80,000	26	0.03	79,974	**50,000**
10-5600-51-51785	CTRS	-	-	60,000	17	0.03	59,983	**60,000**
10-5600-51-51798	CRIME LAB	5,894	5,752	7,500	732	9.76	6,768	**13,800**
10-5600-51-51799	CID SPECIALTY EQUIPMENT	17,429	59,123	62,500	13,434	21.49	49,066	**45,500**
10-5600-51-51800	UNIFORMS & ACCESSORIES	53,735	49,521	50,000	26,448	52.90	23,552	**50,000**
10-5600-51-51801	SAFETY & ACCESSORIES	6,798	6,861	7,000	6,237	89.10	763	**10,000**
10-5600-51-51802	AMMO/RANGE	8,427	41,209	40,000	59	0.15	39,942	**40,000**
10-5600-51-51803	HONOR GUARD		100	4,000	213	5.32	3,787	**4,000**
10-5600-51-51804	CITIZEN POLICE ACADEMY	4,153	4,371	7,500	64	0.86	7,436	**7,500**
10-5600-51-51805	POLICE BANQUET	3,067	4,910	5,000	2,283	45.65	2,717	**7,500**
10-5600-51-51806	TRAFFIC SPECIALTY EQUP	5,931	10,558	25,000	4,989	19.96	20,011	**25,000**
10-5600-51-51813	UTILITIES-ELECTRIC BLU	9,358	9,114	12,000	4,666	38.89	7,334	**12,000**
10-5600-51-52110	OFFICE EQUIPMENT LEASE	7,645	8,640	16,500	4,335	26.27	12,165	**16,500**
10-5600-51-52340	FUEL & OIL	157,593	113,601	96,000	68,620	71.48	27,380	**125,000**
10-5600-51-57400	WRECKER SERVICE	1,170	558	1,200	1,001	83.42	199	**1,500**
TOTAL OPERATING		436,095	569,353	709,878	221,782	31.24	488,096	**731,300**
REPAIRS & MAINTENANCE								
10-5600-52-52010	BUILDING REPAIRS & MAI	26,462	8,959	17,500	3,760	21.48	13,740	**20,000**
10-5600-52-52012	CLEANING & MAINTENANCE	3,003	2,829	4,000	1,298	32.45	2,702	**4,000**
10-5600-52-52240	SOFTWARE ANNUAL FEES	-	-	-	-	-	-	**67,500**
10-5600-52-52320	VEHICLE REPAIRS & MAIN	92,715	98,176	75,000	62,866	83.82	12,134	**95,000**
10-5600-52-52321	VEHICLE DAMAGE	69,112	19,460	15,000	8,405	56.03	6,595	**25,000**
TOTAL REPAIRS & MAINTENANCE		191,292	129,424	111,500	76,328	68.46	35,172	**211,500**
CONTRACTED SERVICES								
10-5600-54-51440	LEGAL FEES	270	1,050	5,000	1,307	26.13	3,694	**5,000**
10-5600-54-51502	CONSULTING SERVICES	-	858	1,000	3,850	385.00	(2,850)	**1,000**
10-5600-54-51590	DESTRUCTION SERVICES	300	96	1,000	192	19.20	808	**1,000**
10-5600-54-57001	RRS EMERGENCY RADIO SYS	13,897	12,238	29,000	8,073	27.84	20,927	**38,000**
10-5600-54-57350	EMERGENCY DISPATCH SER	270,207	310,738	357,349	357,349	100.00	-	**411,000**
TOTAL CONTRACTED SERVICES		284,674	324,980	393,349	370,771	94.26	22,578	**456,000**

DEBT PAYMENTS								
10-5600-55-52310	VEHICLE LEASE EXPENSE	410,105	622,995	565,500	159,410	28.19	406,090	**565,500**
TOTAL DEBT PAYMENTS		410,105	622,995	565,500	159,410	28.19	406,090	**565,500**
CAPITAL OUTLAY < $5K								
10-5600-57-57100	ANIMAL CONTROL EQUIPMENT	476	-	-				
10-5600-57-57101	OFFICE EQUIP PURCHASE	389	1,052	1,000	250	25.00	750	**1,000**
TOTAL CAPITAL OUTLAY < $5K		865	1,052	1,000	250	25.00	750	**1,000**
CAPITAL OUTLAY > $5K								
10-5600-58-52101	PD CONSTRUCTION SITE	-	-	1,000	-	-	1,000	**1,000**
10-5600-58-52330	POLICE SPECIALTY EQUIP	20,390	244,938	227,189	170,298	74.96	56,891	**283,110**
10-5600-58-57300	POLICE COMMUNICATION E	26,063	367	86,000	165,000	191.86	(79,000)	**174,890**
10-5600-58-58000	GRANT EXPENDITURES	2,130	20,204	9,470	-	-	9,470	**0**
TOTAL CAPITAL OUTLAY > $5K		48,583	265,509	323,659	335,298	103.60	(11,639)	**459,000**
TOTAL POLICE EXPENDITURES		**4,725,654**	**5,648,628**	**7,068,809**	**3,380,263**	**47.82**	**3,688,546**	**8,024,062**

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FY2024-2025 PROPOSED ANNUAL BUDGET

IT EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5700-50-50010	SALARIES	135,128	192,604	229,987	119,787	52.08	110,200	**253,473**
10-5700-50-50050	OVERTIME	852	2,802	3,483	1,376	39.51	2,107	**1,220**
10-5700-50-50075	LONGEVITY PAY	900	400	700	200	28.57	500	**1,100**
10-5700-50-50200	EMPLOYER PAID TAXES	9,786	14,507	17,914	8,428	47.05	9,486	**19,568**
10-5700-50-50255	WORKERS' COMPENSATION	192	222	300	146	48.58	154	**1,049**
10-5700-50-50325	HEALTH INSURANCE	14,248	21,691	28,037	14,054	50.13	13,983	**25,042**
10-5700-50-50410	EMPLOYER RETIREMENT CO	11,601	16,344	19,527	9,945	50.93	9,582	**19,907**
10-5700-50-50520	EMPLOYEE EDUCATION	1,415	3,026	4,500	2,692	59.82	1,808	**4,500**
10-5700-50-50650	VEHICLE ALLOWANCE	-	-	5,500	-	-	5,500	**0**
10-5700-50-50700	REIMB UNEMPLOYMENT	-	-	500	-	-	500	**0**
TOTAL PERSONNEL		174,122	251,597	310,448	156,630	50.45	153,818	**325,858**
OPERATING								
10-5700-51-51485	MISCELLANEOUS	15	379	500	219	43.71	281	**500**
10-5700-51-51625	POSTAGE/DELIVERY	-	-	100	-	-	100	**100**
10-5700-51-51635	PROFESSIONAL/MEMBERSHIP	430	314	1,900	-	-	1,900	**3,800**
10-5700-51-51746	SUPPLIES-OFFICES	2,128	3,564	3,000	923	30.76	2,077	**6,000**
10-5700-51-51769	INTERNET SERVICE	92,599	96,629	110,000	18,165	16.51	91,835	**150,000**
10-5700-51-51770	TELEPHONE COMMUNICATION	7,405	9,749	5,100	28,981	568.26	(23,881)	**7,000**
10-5700-51-51775	WIRELESS COMMUNICATION	118,367	108,223	125,000	82,172	65.74	42,828	**125,000**
10-5700-51-51780	TRAVEL	240	2,287	6,000	-	-	6,000	**6,000**
TOTAL OPERATING		221,183	221,145	251,600	130,460	51.85	121,140	**298,400**
REPAIRS & MAINTENANCE								
10-5700-52-52000	COMPUTER R & M	232	16	-	-	-	-	**0**
10-5700-52-52011	BUILDING SECURITY	4,282	6,595	5,000	4,408	88.16	592	**15,000**
TOTAL REPAIRS & MAINTENANCE		4,514	6,611	5,000	4,408	88.16	592	**15,000**
CONTRACTED SERVICES								
10-5700-54-51440	LEGAL FEES	-	-	-	-	-	-	**5,000**
10-5700-54-51501	IT CONSULTING SERVICES	7,475	8,654	25,000	-	-	25,000	**29,629**
10-5700-54-52005	EMERGENCY NOTIFICATION	4,371	4,371	4,371	4,371	100.00	0	**4,371**
10-5700-54-52240	SOFTWARE ANNUAL FEES	205,935	266,274	245,000	145,108	59.23	99,892	**400,000**
TOTAL CONTRACTED SERVICES		217,781	279,299	274,371	149,479	54.48	124,892	**439,000**

DEBT PAYMENTS								
10-5700-57-52310	VEHICLE LEASE EXPENSE	-	-	-	2,868	-	(2,868)	**6,000**
TOTAL DEBT PAYMENTS		-	-	-	2,868	-	(2,868)	**6,000**
CAPITAL OUTLAY <$5K								
10-5700-57-52200	COMPUTER EQUIPMENT	72,394	51,019	45,000	4,483	9.96	40,517	**50,000**
TOTAL CAPITAL OUTLAY<$5K		72,394	51,019	45,000	4,483	9.96	40,517	**50,000**
CAPITAL OUTLAY >$5K								
10-5700-58-52200	COMPUTER EQUIPMENT	16,794	30,205	109,884	74,063	67.40	35,821	**115,000**
TOTAL CAPITAL OUTLAY>5K		16,794	30,205	109,884	74,063	67.40	35,821	**115,000**
TOTAL IT EXPENDITURES		**706,788**	**839,874**	**996,303**	**522,392**	**52.43**	**473,911**	**1,243,258**

FY2024-2025 PROPOSED ANNUAL BUDGET

ECONOMIC DEV. SVCS		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5800-50-50010	SALARIES	144,792	120,578	125,565	63,453	50.53	62,112	**131,861**
10-5800-50-50075	LONGEVITY PAY	300	-	200	200	100.00	-	**300**
10-5800-50-50200	EMPLOYER PAID TAXES	11,140	9,934	9,621	4,884	50.76	4,737	**10,110**
10-5800-50-50255	WORKERS' COMPENSATION	82	100	200	53	26.56	147	**542**
10-5800-50-50325	HEALTH INSURANCE	4,303	7,327	9,346	283	3.03	9,063	**8,347**
10-5800-50-50410	EMPLOYER RETIREMENT CO	12,354	10,812	10,695	5,234	48.94	5,461	**10,285**
10-5800-50-50520	EMPLOYEE EDUCATION	1,235	1,831	12,985	45	0.35	12,940	**5,000**
10-5800-50-50650	VEHICLE ALLOWANCE	1,292	4,800	5,500	185	3.36	5,315	**0**
TOTAL PERSONNEL		175,499	155,381	174,112	74,337	42.69	99,775	**166,446**
OPERATING								
10-5800-51-51001	SESQUICENTENIAL EXPENSE	73,215	-	-	-	-	-	
10-5800-51-51010	ADVERTISING	2,180	6,668	35,000	21,653	61.86	13,347	**35,000**
10-5800-51-51020	INCENTIVES	-	-	-	-	-	-	**47,500**
10-5800-51-51043	CITY EVENTS	44,531	-	-	-	-	-	**0**
10-5800-51-51480	MEETING EXPENSES	2,898	2,000	3,000	387	12.89	2,613	**5,000**
10-5800-51-51625	POSTAGE/DELIVERY	58	226	3,500	113	3.23	3,387	**1,500**
10-5800-51-51630	SUBSCRIPTIONS	1,967	8,085	5,800	2,544	43.86	3,256	**6,500**
10-5800-51-51635	PROFESSIONAL/MEMBERSHIP	1,774	5,385	25,000	3,686	14.74	21,314	**25,000**
10-5800-51-51746	SUPPLIES-OFFICES	2,381	2,086	3,000	415	13.83	2,585	**3,000**
10-5800-51-51780	TRAVEL	5,019	2,389	10,000	1,122	11.22	8,878	**5,000**
10-5800-51-51800	UNIFORMS & ACCESSORIES	-	10	1,000	-	-	1,000	**2,000**
TOTAL OPERATING		134,022	26,849	86,300	29,919	34.67	56,381	**130,500**
CONTRACTED SERVICES								
10-5800-54-51440	LEGAL FEES	-	-	50,000	-	-	50,000	**50,000**
10-5800-54-51501	CONSULTING SERVICES	11,175	28,100	356,000	60,286	16.93	295,715	**325,000**
TOTAL		11,175	28,100	406,000	60,286	14.85	345,715	**375,000**
TOTAL ECONOMIC DEV SVCS EXPENDITURES		**320,696**	**210,330**	**666,412**	**164,542**	**24.69**	**501,870**	**671,946**

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FY2024-2025 PROPOSED ANNUAL BUDGET

HUMAN RESOURCES		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5810-50-50010	SALARIES	84,065	129,446	160,166	81,059	50.61	79,107	**168,224**
10-5810-50-50050	OVERTIME	32	838	1,532	691	45.09	841	**1,610**
10-5810-50-50075	LONGEVITY PAY	-	1,300	1,500	1,000	66.67	500	**1,700**
10-5810-50-50200	EMPLOYER PAID TAXES	6,059	10,709	12,485	6,096	48.83	6,389	**13,122**
10-5810-50-50255	WORKERS' COMPENSATION	-	-	200	26	12.96	174	**703**
10-5810-50-50325	HEALTH INSURANCE	40	16,702	18,691	9,353	50.04	9,338	**16,695**
10-5810-50-50410	EMPLOYER RETIREMENT CO	7,053	11,668	13,297	7,163	53.87	6,134	**13,350**
10-5810-50-50411	HR REQUIRED EDUCATION	25,325	1,795	10,000	-	-	10,000	**10,000**
10-5810-50-50520	EMPLOYEE EDUCATION	2,046	3,699	7,500	-	-	7,500	**7,500**
10-5810-50-50650	VEHICLE ALLOWANCE	-	-	5,500	-	-	5,500	**0**
TOTAL PERSONNEL		124,619	176,157	230,871	105,388	45.65	125,483	**232,905**
OPERATING								
10-5810-51-51010	EMPLOYMENT ADVERTISING	-	-	2,500	438	17.50	2,063	**3,000**
10-5810-51-51011	PRE-EMPLOYMENT SCREENING	-	-	100	-	-	100	**100**
10-5810-51-51041	EMPLOYEE APPRECIATION	12,026	18,044	25,000	16,544	66.18	8,456	**30,000**
10-5810-51-51060	MARKETING MATERIALS	-	-	15,000	1,086	7.24	13,914	**10,000**
10-5810-51-51480	MEETING EXPENSES	100	132	1,500	28	1.85	1,472	**1,000**
10-5810-51-51485	MISCELLANEOUS	5,138	31,228	3,500	47	1.33	3,453	**3,500**
10-5810-51-51603	PERIODICALS & PUBLICATIONS	-	29	2,500	-	-	2,500	**2,000**
10-5810-51-51635	PROFESSIONAL/MEMBERSHIP	934	1,641	5,000	340	6.80	4,660	**3,000**
10-5810-51-51746	SUPPLIES-OFFICES	2,275	5,002	3,000	1,481	49.38	1,519	**3,000**
10-5810-51-51780	TRAVEL	1,284	3,686	7,500	17	0.23	7,483	**7,500**
TOTAL OPERATING		21,756	59,762	65,600	19,981	30.46	45,619	**63,100**
CONTRACTED SERVICES								
10-5810-54-51440	LEGAL FEES	-	1,770	5,000	2,508	50.15	2,493	**5,000**
TOTAL CONTRACTED SERVICES		-	1,770	5,000	2,508	50.15	2,493	**5,000**
TOTAL HUMAN RESOURCES EXPENDITURES		**146,375**	**237,689**	**301,471**	**127,876**	**42.42**	**173,595**	**301,005**

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FY2024-2025 PROPOSED ANNUAL BUDGET

COMMUNITY DEV. SVCS		FY 2021-22 ACTUAL	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
10-5811-50-50010	SALARIES	814	70,937	89,124	13,636	15.30	75,488	**77,600**
10-5811-50-50075	LONGEVITY PAY	-	-	-	-	-	-	**100**
10-5811-50-50200	EMPLOYER PAID TAXES	-	6,130	6,818	1,043	15.30	5,775	**5,944**
10-5811-50-50255	WORKERS' COMPENSATION	-	-	100	13	12.96	87	**319**
10-5811-50-50325	HEALTH INSURANCE	-	5,857	8,346	2,446	29.30	5,900	**8,347**
10-5811-50-50410	EMPLOYER RETIREMENT CO	-	6,709	7,261	1,103	15.19	6,158	**6,047**
10-5811-50-50520	EMPLOYEE EDUCATION	-	675	3,500	-	-	3,500	**3,500**
10-5811-50-50650	VEHICLE ALLOWANCE	-	3,323	5,500	-	-	5,500	**0**
TOTAL PERSONNEL		814	93,630	120,649	18,241	15.12	102,408	**101,857**
OPERATING								
10-5811-51-51001	SESQUICENTENNIAL EXP	-	570	-	-	-	-	
10-5811-51-51010	ADVERTISING	-	2,701	20,000	28,210	141.05	(8,210)	**69,700**
10-5811-51-51011	SMALL BUSINESS RENTAL ASST	-	-	25,000	-	-	25,000	**0**
10-5811-51-51043	CITY EVENTS	-	115,224	100,000	137,969	137.97	(37,969)	**313,198**
10-5811-51-51480	MEETING EXPENSES	-	1,079	2,500	-	-	2,500	**2,500**
10-5811-51-51625	POSTAGE/DELIVERY	-	-	500	-	-	500	**200**
10-5811-51-51635	PROFESSIONAL/MEMBERSHIP	-	350	1,850	75	4.05	1,775	**23,525**
10-5811-51-51746	SUPPLIES-OFFICES	-	1,238	2,000	891	44.53	1,109	**2,000**
10-5811-51-51747	LEADERSHIP PROGRAM	-	78	-	-	-	-	**22,200**
10-5811-51-51780	TRAVEL	-	491	5,000	-	-	5,000	**7,000**
TOTAL OPERATING		-	121,730	156,850	167,144	106.56	(10,294)	**440,323**
TOTAL COMMUNITY DEV SVCS EXPENDITURES		**814**	**215,360**	**277,499**	**185,385**	**66.81**	**92,114**	**542,180**
TOTAL EXPENDITURES		**13,832,671**	**17,322,697**	**19,798,135**	**9,551,989**	**48.25**	**10,246,146**	**22,113,600**
REVENUES OVER/(UNDER) EXPENDITURES		**6,147,282**	**2,373,685**	**(1)**	**7,113,693**		**(7,113,694)**	**0**

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FY 2024-2025 Proposed Annual Budget

20 -UTILITY FUND FINANCIAL SUMMARY						Proposed	Annual BUDGET FY 2024-25
				50.00 % OF YEAR COMPLETE			
REVENUE SUMMARY	FY 2021-22 #REF!	FY 2022-23 ACTUAL	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
WATER							
MISCELLANEOUS	0	493,926	525	45,610	8,687.62	(45,085)	**10,000.00**
WATER/SEWER CHARGES	3,678,433	3,914,721	3,527,371	2,047,171	58.04	1,480,200	**4,149,190.00**
TRANSFERS	0	0	0	0	-	0	**-**
TOTAL WATER	3,678,433	4,408,647	3,527,896	2,092,781	59.32	1,435,115	**4,159,190.00**
WASTEWATER							
WATER/SEWER CHARGES	3,138,623	4,018,766	3,059,651	1,832,050	59.88	1,227,602	**3,535,000.00**
TOTAL WASTEWATER	3,138,623	4,018,766	3,059,651	1,832,050	59.88	1,227,602	**3,535,000.00**
STORMWATER							
STORMWATER CHARGES	0	0	0	0	-	0	**643,730.00**
	0	0	0	0	-	0	**643,730.00**
TOTAL REVENUES	**6,817,056**	**8,427,413**	**7,564,758**	**3,924,831**	**51.88**	**3,639,927**	**8,337,920.00**

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FY2024-2025 PROPOSED ANNUAL BUDGET

20 -UTILITY FUND
REVENUES

					50.00 % OF YEAR COMPLETE		Proposed	Annual Budget FY 2024-25
WATER REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
WATER CHARGES								
20-4250-42-42099	MISCELLANEOUS	0	493,926	525	45,610	8,687.62	(45,085)	**10,000**
TOTAL MISCELLANEOUS		0	493,926	525	45,610	8,687.62	-45,085	**10,000**
20-4250-43-42099	CREDIT CARD PAYMENT FEE	88,609	96,656	75,000	58,350	77.80	16,650	**95,000**
20-4250-43-43000	ADJUSTMENTS	0	0	0	0	-	0	**0**
20-4250-43-43010	WATER SALES	3,082,848	3,379,621	3,034,014	1,789,984	59.00	1,244,030	**3,600,000**
20-4250-43-43015	BULK WATER SALES	0	0	92	0	-	92	**0**
20-4250-43-43025	LATE FEES WATER	65,596	66,089	56,500	40,357	71.43	16,143	**85,000**
20-4250-43-43028	RETURN CHECK FEES	1,050	1,610	1,015	980	96.55	35	**2,000**
20-4250-43-43075	WATER TAP FEES	334,500	272,250	280,000	98,250	35.09	181,750	**280,000**
20-4250-43-43076	WATER METER FEE	0	98,495	250	0	-	250	**250**
20-4250-43-43080	CONNECTION CHARGES	105,830	0	80,500	59,250	73.60	21,250	**86,940**
TOTAL WATER CHARGES		3,678,433	3,914,721	3,527,371	2,047,171	58.04	1,480,200	**4,149,190**
TRANSFERS								
20-4250-49-50010	TRANSFER FROM CPF	0	0	0	0	-	0	**0**
TOTAL TRANSFERS		0	0	0	0	-	0	**0**
TOTAL WATER REVENUES		**3,678,433**	**4,408,647**	**3,527,896**	**2,092,781**	**59.32**	**1,435,115**	**4,159,190**

WASTEWATER REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
SEWER CHARGES								
20-4275-43-43110	SEWER SERVICE	2,750,154	3,640,891	2,774,651	1,614,498	58.19	1,160,154	**3,200,000**
20-4275-43-43125	LATE FEES SEWER	55,469	53,125	35,000	30,052	85.86	4,948	**60,000**
20-4275-43-43175	SEWER TAP FEES	333,000	324,750	250,000	187,500	75.00	62,500	**275,000**
TOTAL SEWER CHARGES		3,138,623	4,018,766	3,059,651	1,832,050	59.88	1,227,602	**3,535,000**
TOTAL WASTEWATER REVENUES		**3,138,623**	**4,018,766**	**3,059,651**	**1,832,050**	**59.88**	**1,227,602**	**3,535,000**

FY2024-2025 PROPOSED ANNUAL BUDGET

NON-DEPARTMENTAL REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL Y-T-D ACTUAL	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
TRANSFERS								
20-4275-49-50010	TRANSFER FROM CPF	0	0	977,211	0	-	977,211	**0**
TOTAL TRANSFERS		0	0	977,211	0	-	977,211	**0**
TOTAL NON-DEPARTMENTAL REVENUES		**0**	**0**	**977,211**	**0**	**-**	**977,211**	**0**

STORMWATER REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL Y-T-D ACTUAL	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
STORMWATER CHARGES								
20-4285-45-43010	STORMWATER FEES	0	0	0	0	0.0	0	**625,000**
20-4285-45-43025	LATE FEES STORMWATER	0	0	0	0	0.0	0	**18,730**
TOTAL STORMWATER CHARGES		0	0	0	0	-	0	**643,730**
TOTAL REVENUES		**6,817,056**	**8,427,413**	**7,564,758**	**3,924,831**	**51.88**	**3,639,927**	**8,337,920**

FY 2024-2025 Proposed Annual Budget

EXPENDITURE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	Proposed Annual BUDGET FY 2024-25 REQUESTED 2024-25 BUDGET
				50.00 % OF YEAR COMPLETE			
PUBLIC WORKS							
PERSONNEL	485,446	483,604	619,396	285,803	46.14	333,592	**843,918**
OPERATING	10,946	21,307	29,702	13,258	44.64	16,444	**43,113**
REPAIRS & MAINTENANCE	21,269	13,756	41,500	2,976	7.17	38,524	**26,500**
CONTRACTED SERVICES	34,064	120,893	31,445	15,093	48.00	16,352	**55,345**
TOTAL PUBLIC WORKS	551,725	647,193	731,543	330,389	45.16	401,154	**995,876**
WATER							
PERSONNEL	228,675	264,166	603,164	134,625	22.32	468,539	**581,587**
OPERATING	277,357	1,064,284	438,039	160,046	36.54	277,993	**530,078**
REPAIRS & MAINTENANCE	89,039	204,819	102,500	786,499	767.32	(683,999)	**223,853**
WATER/WASTEWATER	1,884,712	2,012,419	2,267,750	1,218,721	53.74	1,049,029	**2,567,750**
CONTRACTED SERVICES	9,361	115,048	138,300	40,864	29.55	97,436	**100,500**
DEBT PAYMENTS	81,618	61,295	129,308	66,137	51.15	63,172	**132,630**
CAPITAL OUTLAY < $5K	1,727	8,705	8,000	473	5.91	7,527	**78,425**
CAPITAL OUTLAY > $5K	28,009	331,944	848,058	8,700	1.03	839,358	**119,200**
TOTAL WATER	2,600,497	4,062,680	4,535,119	2,416,064	53.27	2,119,055	**4,334,023**
WASTEWATER							
PERSONNEL	162,265	205,304	468,982	226,602	48.32	242,380	**633,347**
OPERATING	495,209	427,288	533,412	382,775	71.76	150,637	**585,520**
REPAIRS & MAINTENANCE	43,305	224,792	92,000	193,647	210.49	(101,647)	**199,000**
WATER/WASTEWATER	253,803	71,507	80,500	44,621	55.43	35,879	**87,500**
CONTRACTED SERVICES	309,500	911,581	835,248	346,293	41.46	488,955	**1,035,248**
DEBT PAYMENTS	0	0	20,000	6,640	33.20	13,360	**20,000**
CAPITAL OUTLAY < $5K	0	0	5,000	0	-	5,000	**34,452**
CAPITAL OUTLAY > $5K	13,081	0	262,955	251,941	95.81	11,014	**262,955**
TOTAL WASTEWATER	1,277,163	1,840,471	2,298,097	1,452,519	63.21	845,578	**2,858,022**
STORMWATER							
CONTRACTED SERVICES	0	0	0	0	-	0	**150,000**
TOTAL STORMWATER	0	0	0	0	-	0	**150,000**
TOTAL EXPENDITURES	**4,429,386**	**6,550,344**	**7,564,759**	**4,198,972**	**55.51**	**3,365,787**	**8,337,920**
REVENUES OVER/(UNDER) EXPENDITURES	**2,387,670**	**1,877,069**	**(0)**	**(274,141)**		**274,141**	**(0)**

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FY2024-2025 PROPOSED ANNUAL BUDGET

20 -UTILITY FUND EXPENDITURES							Proposed	Annual Budget FY 2024-25
					50.00 % OF YEAR COMPLETE			
PUBLIC WORKS EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
PERSONNEL								
20-5200-50-50010	SALARIES	389,636	388,899	475,806	217,418	45.69	258,388	**641,236**
20-5200-50-50050	OVERTIME	0	0	743	8,889	1,195.92	(8,146)	**2,517**
20-5200-50-50075	LONGEVITY	4,600	2,600	3,100	1,800	58.06	1,300	**4,300**
20-5200-50-50200	EMPLOYER PAID TAXES	30,138	28,293	36,693	17,180	46.82	19,513	**49,576**
20-5200-50-50255	WORKERS' COMPENSATION	292	333	400	1,232	308.00	(832)	**26,076**
20-5200-50-50325	HEALTH INSURANCE	21,496	26,390	56,074	19,644	35.03	36,430	**66,779**
20-5200-50-50326	TEAM BUILDING	0	0	2,000	340	16.98	1,660	**2,500**
20-5200-50-50335	HEALTH ASSISTANCE	0	0	0	0	-	0	**0**
20-5200-50-50410	EMPLOYER RETIREMENT CO	33,945	32,876	39,079	18,800	48.11	20,279	**50,435**
20-5200-50-50520	EMPLOYEE EDUCATION	540	4,212	5,000	500	10.00	4,500	
20-5200-50-50650	VEHICLE ALLOWANCE	4,800	0	0	0	-	0	**0**
20-5200-50-50700	REIMBURSABLE UNEMPLOYMEN	0	0	500	0	-	500	**500**
TOTAL PERSONNEL		485,446	483,604	619,396	285,803	46.14	333,592	**843,918**
OPERATING								
20-5200-51-51010	ADVERTISING/POSTING/NOTIFIC	419	3,970	1,100	889	80.85	211	**1,500**
20-5200-51-51011	PRE-EMPLOYMENT SCREENING	2	0	65	0	-	65	**65**
20-5200-51-51012	SAFETY & ACCESSORIES	1,927	2,263	2,000	1,782	89.10	218	**2,500**
20-5200-51-51040	BAD DEBTS	0	0	0	0	-	0	**0**
20-5200-51-51480	MEETING EXPENSES	0	55	500	0	-	500	**1,500**
20-5200-51-51485	MISCELLANEOUS	1,809	2,167	2,000	1,401	70.05	599	**2,000**
20-5200-51-51610	PERMITS & LICENSES	0	156	200	100	50.00	100	**200**
20-5200-51-51620	PHYSICALS/DRUG TESTING	0	0	85	0	-	85	**85**
20-5200-51-51625	POSTAGE/DELIVERY	72	191	200	42	20.98	158	**200**
20-5200-51-51635	PROFESSIONAL & MEMBERS	0	1,010	2,000	0	-	2,000	**2,500**
20-5200-51-51743	SUPPLIES-EQUIPMENT	0	0	0	0	-	0	**4,000**
20-5200-51-51746	SUPPLIES-OFFICE	4,761	6,706	6,000	5,457	90.94	544	**7,000**
20-5200-51-51780	TRAVEL	-217	882	300	274	91.43	26	**600**
20-5200-51-51800	UNIFORMS & ACCESSORIES	495	552	1,500	115	7.70	1,385	**7,700**
20-5200-51-51813	UTILITIES-ELECTRIC BLU	0	0	5,489	0	-	5,489	**5,000**
20-5200-51-52110	OFFICE EQUIPMENT LEASE	1,678	3,355	8,263	3,198	38.70	5,066	**8,263**
TOTAL OPERATING		10,946	21,307	29,702	13,258	44.64	16,444	**43,113**

REPAIRS & MAINTENANCE								
20-5200-52-52010	BUILDING REPAIRS & MAINT	16,471	9,726	35,000	897	2.56	34,103	**20,000**
20-5200-52-52012	CLEANING & MAINTENANCE	4,798	4,031	6,500	2,079	31.98	4,421	**6,500**
TOTAL REPAIRS & MAINTENANCE		21,269	13,756	41,500	2,976	7.17	38,524	**26,500**
CONTRACTED SERVICES								
20-5200-54-51001	CONSULTANT FEES - RATE STUDY	33,406	116,378	27,345	8,256	30.19	19,089	**27,345**
20-5200-54-51165	ENGINEERING/PLANNING SVCS	0	0	3,500	6,063	173.23	(2,563)	**27,000**
20-5200-54-51440	LEGAL FEES	658	4,515	600	773	128.89	(173)	**1,000**
TOTAL CONTRACTED SERVICES		34,064	120,893	31,445	15,093	48.00	16,352	**55,345**
DEBT PAYMENTS								
20-5200-55-52310	VEHICLE LEASE EXPENSE	0	7,633	9,500	13,259	139.57	(3,759)	**27,000**
TOTAL DEBT PAYMENTS		0	7,633	9,500	13,259	139.57	(3,759)	**27,000**
TOTAL PUBLIC WORKS EXPENDITURES		**551,725**	**647,193**	**731,543**	**330,389**	**45.16**	**401,154**	**995,876**

FY2024-2025 PROPOSED ANNUAL BUDGET

WATER EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
20-5250-50-50010	SALARIES	153,801	163,591	423,610	79,443	18.75	344,167	**413,136**
20-5250-50-50050	OVERTIME	17,607	31,844	25,000	18,551	74.20	6,449	**16,193**
20-5250-50-50075	LONGEVITY PAY	1,000	1,300	1,600	1,200	75.00	400	**1,400**
20-5250-50-50200	EMPLOYER PAID TAXES	13,096	15,104	27,008	7,540	27.92	19,468	**32,951**
20-5250-50-50255	WORKERS' COMPENSATION	7,492	8,325	10,070	3,945	39.18	6,125	**19,382**
20-5250-50-50325	HEALTH INSURANCE	18,900	27,174	74,765	13,176	17.62	61,589	**58,431**
20-5250-50-50410	EMPLOYER RETIREMENT CO	14,730	16,528	36,111	8,153	22.58	27,958	**31,021**
20-5250-50-50520	EMPLOYEE EDUCATION	2,049	300	5,000	2,618	52.36	2,382	**8,572**
20-5250-50-50700	REIMB UNEMPLOYMENT	0	0	0	0	-	0	**500**
TOTAL PERSONNEL		228,675	264,166	603,164	134,625	22.32	468,539	**581,587**
OPERATING								
20-5250-51-51011	PRE-EMPLOYMENT SCREENING	2	0	200	0	-	200	**200**
20-5250-51-51335	INSURANCE-PROPERTY, CA	10,743	19,884	15,844	20,060	126.61	(4,217)	**28,200**
20-5250-51-51338	INSURANCE LIABILITY	3,293	2,872	4,640	1,802	38.83	2,838	**4,640**
20-5250-51-51485	MISCELLANEOUS	548	491,516	500	0	-	500	**500**
20-5250-51-51610	PERMITS & LICENSES	9,707	9,707	11,000	13,001	118.19	(2,001)	**13,500**
20-5250-51-51620	PHYSICALS/DRUG TESTING	0	0	200	0	-	200	**200**
20-5250-51-51635	PROFESSIONAL & MEMBERS	0	375	600	150	25.00	450	**600**
20-5250-51-51740	SUPPLIES - CHEMICALS & MATER	46,286	256,653	95,000	83,819	88.23	11,181	**167,638**
20-5250-51-51743	SUPPLIES-EQUIPMENT	10,087	38,669	40,000	0	-	40,000	**40,000**
20-5250-51-51747	METER PURCHASE	110,487	129,449	125,000	535	0.43	124,465	**125,000**
20-5250-51-51780	TRAVEL	0	227	1,000	2,136	213.57	(1,136)	**1,000**
20-5250-51-51800	UNIFORMS & ACCESSORIES	2,741	2,330	5,220	2,698	51.69	2,522	**8,100**
20-5250-51-51809	R.O.W FEES	689	14,388	25,000	1,425	5.70	23,575	**25,000**
20-5250-51-51810	UTILITIES-ELECTRIC AUS	39,921	34,468	45,000	13,913	30.92	31,087	**45,000**
20-5250-51-51813	UTILITIES-ELECTRIC BLU	24,149	17,701	23,335	6,783	29.07	16,552	**20,000**
20-5250-51-52340	FUEL & OIL	13,300	12,046	15,000	10,240	68.27	4,760	**20,000**
20-5250-51-52440	EQUIPMENT RENTAL	479	0	500	0	-	500	**500**
20-5250-51-53010	TESTING WATER	4,927	34,001	30,000	3,484	11.61	26,516	**30,000**
TOTAL OPERATING		277,357	1,064,284	438,039	160,046	36.54	277,993	**530,078**

REPAIRS & MAINTENANCE								
20-5250-52-52010	BUILDING REPAIRS & MAI	1,013	0	15,000	0	-	15,000	**20,000**
20-5250-52-52320	VEHICLE REPAIRS & MAIN	7,723	10,064	7,500	7,076	94.35	424	**10,000**
20-5250-52-52430	MACHINERY EQUIPMENT-RE	10,830	2,918	20,000	5,035	25.18	14,965	**20,000**
20-5250-52-52460	REPAIRS-WELLS,PUMPS,MO	69,472	191,838	60,000	774,388	1,290.65	(714,388)	**173,853**
TOTAL REPAIRS & MAINTENANCE		89,039	204,819	102,500	786,499	767.32	(683,999)	**223,853**
WATER								
20-5250-53-53030	WATER FEES-AUSTIN	353	417	500	237	47.42	263	**500**
20-5250-53-53040	WATER FEES-MANVILLE	495,974	560,859	532,250	215,906	40.56	316,344	**532,250**
20-5250-53-53050	WATER FEES-BLUEWATER	1,356,462	1,425,248	1,700,000	997,548	58.68	702,452	**2,000,000**
20-5250-53-53060	WELL ROYALTIES-FOWLER	22,876	17,498	25,000	4,082	16.33	20,918	**25,000**
20-5250-53-53070	WELL ROYALITIES-LEE	9,048	8,397	10,000	948	9.48	9,052	**10,000**
TOTAL WATER/WASTEWATER		1,884,712	2,012,419	2,267,750	1,218,721	53.74	1,049,029	**2,567,750**
CONTRACTED SERVICES								
20-5250-54-51165	ENGINEERING/PLANNING S	9,349	115,048	137,500	40,489	29.45	97,011	**100,000**
20-5250-54-51440	LEGAL FEES	0	0	0	375	-	(375)	**500**
20-5250-54-51595	MVBA UTIL COLLECTION	12	0	800	0	-	800	**0**
TOTAL CONTRACTED SERVICES		9,361	115,048	138,300	40,864	29.55	97,436	**100,500**
DEBT PAYMENTS								
20-5250-55-52310	VEHICLE LEASE EXPENSE	31,265	29,902	57,630	13,259	23.01	44,371	**57,630**
20-5250-55-52410	MACHINERY EQUIPMENT LE	50,352	31,392	71,679	52,878	73.77	18,801	**75,000**
TOTAL DEBT PAYMENTS		81,618	61,295	129,308	66,137	51.15	63,172	**132,630**
CAPITAL OUTLAY < $5K								
20-5250-57-52400	MACHINERY EQUIPMENT-PU	0	3,031	5,000	0	-	5,000	**74,425**
20-5250-57-52450	TOOLS	1,727	5,674	3,000	473	15.76	2,527	**4,000**
TOTAL CAPITAL OUTLAY < $5K		1,727	8,705	8,000	473	5.91	7,527	**78,425**
CAPITAL OUTLAY > $5K								
20-5250-58-52400	MACHINERY EQUIPMENT-PU	28,009	98,104	49,000	8,700	17.76	40,300	**119,200**
20-5250-58-58004	WATER TANK PURCHASE	0	233,840	799,058	0	-	799,058	**0**
TOTAL CAPITAL OUTLAY > $5K		28,009	331,944	848,058	8,700	1.03	839,358	**119,200**
TOTAL WATER EXPENDITURES		**2,600,497**	**4,062,680**	**4,535,119**	**2,416,064**	**53.27**	**2,119,055**	**4,334,023**

FY2024-2025 PROPOSED ANNUAL BUDGET

WASTEWATER EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
PERSONNEL								
20-5275-50-50010	SALARIES	111,969	108,874	310,841	156,624	50.39	154,217	**447,509**
20-5275-50-50050	OVERTIME	6,893	40,622	35,747	9,137	25.56	26,610	**18,336**
20-5275-50-50075	LONGEVITY PAY	1,100	1,300	1,700	1,300	76.47	400	**2,600**
20-5275-50-50200	EMPLOYER PAID TAXES	8,880	11,570	26,644	12,774	47.94	13,870	**35,836**
20-5275-50-50255	WORKERS' COMPENSATION	2,992	3,330	3,600	3,026	84.06	574	**21,080**
20-5275-50-50325	HEALTH INSURANCE	18,936	23,850	56,074	28,924	51.58	27,150	**66,779**
20-5275-50-50410	EMPLOYER RETIREMENT CO	10,226	12,685	28,377	13,709	48.31	14,667	**35,207**
20-5275-50-50520	EMPLOYEE EDUCATION	1,269	3,074	5,500	1,109	20.16	4,391	**5,500**
20-5275-50-50700	REIMB UNEMPLOYMENT	0	0	500	0	-	500	**500**
TOTAL PERSONNEL		162,265	205,304	468,982	226,602	48.32	242,380	**633,347**
OPERATING								
20-5275-51-51011	PRE-EMPLOYMENT SCREENING	72	64	100	1	1.00	99	**100**
20-5275-51-51335	INSURANCE-PROPERTY, CA	15,097	16,911	20,000	12,735	63.67	7,265	**20,000**
20-5275-51-51338	INSURANCE LIABILITY	2,059	1,867	1,900	1,135	59.74	765	**2,000**
20-5275-51-51603	PERIODICALS & PUBLICAT	0	0	100	0	-	100	**100**
20-5275-51-51610	PERMITS & LICENSES	7,593	7,558	7,542	8,069	106.99	(527)	**8,100**
20-5275-51-51620	PHYSICALS/DRUG TESTING	0	0	120	2	1.67	118	**120**
20-5275-51-51635	PROFESSIONAL & MEMBERS	0	0	600	150	25.00	450	**600**
20-5275-51-51740	SUPPLIES CHEMICALS & MATERI/	209,278	117,497	200,000	204,355	102.18	(4,355)	**250,000**
20-5275-51-51746	SUPPLIES-OFFICE	0	0	0	54	-	(54)	**200**
20-5275-51-51780	TRAVEL	0	0	500	0	-	500	**500**
20-5275-51-51800	UNIFORMS & ACCESSORIES	529	959	6,300	944	14.98	5,356	**6,300**
20-5275-51-51809	R.O.W. FEES	689	0	750	1,425	190.00	(675)	**2,000**
20-5275-51-51813	UTILITIES-ELECTRIC BLU	244,384	268,327	275,000	143,666	52.24	131,334	**275,000**
20-5275-51-51815	UTILITIES-ELECTRIC TX	9,444	11,844	15,000	6,804	45.36	8,196	**15,000**
20-5275-51-52340	FUEL & OIL	6,066	2,261	5,500	3,436	62.47	2,064	**5,500**
TOTAL OPERATING		495,209	427,288	533,412	382,775	71.76	150,637	**585,520**
REPAIRS & MAINTENANCE								
20-5275-52-52010	BUILDING REPAIRS & MAI	4,000	9,584	15,000	14,520	96.80	480	**20,000**
20-5275-52-52320	VEHICLE REPAIRS & MAIN	670	2,717	2,000	3,340	167.02	(1,340)	**4,000**
20-5275-52-52430	MACHINERY EQUIPMENT-RE	12,869	23,747	25,000	3,439	13.76	21,561	**25,000**
20-5275-52-52460	REPAIRS-LIFTSTATION,PUMPS,M	25,766	188,744	50,000	172,348	344.70	(122,348)	**150,000**
TOTAL REPAIRS & MAINTENANCE		43,305	224,792	92,000	193,647	210.49	(101,647)	**199,000**

WASTEWATER								
20-5275-53-53010	TESTING WASTEWATER	49,947	47,450	65,000	40,349	62.07	24,651	**72,000**
20-5275-53-53040	WATER FEES-MANVILLE	34,715	24,057	15,500	4,272	27.56	11,228	**15,500**
20-5275-53-53160	WASTEWATER FEES-AUSTIN	169,141	0	0	0	-	0	**0**
TOTAL WATER/WASTEWATER		253,803	71,507	80,500	44,621	55.43	35,879	**87,500**
CONTRACTED SERVICES								
20-5275-54-51165	ENGINEERING/PLANNING S	133,893	490,696	604,000	127,385	21.09	476,615	**604,000**
20-5275-54-51440	LEGAL FEES	0	1,248	1,248	0	-	1,248	**1,248**
20-5275-54-53150	SLUDGE DISPOSAL	175,607	419,636	230,000	218,908	95.18	11,092	**430,000**
TOTAL CONTRACTED SERVICES		309,500	911,581	835,248	346,293	41.46	488,955	**1,035,248**
DEBT PAYMENTS								
20-5275-55-52310	VEHICLE LEASE EXPENSE	0	0	20,000	6,640	33.20	13,360	**20,000**
TOTAL DEBT PAYMENTS		0	0	20,000	6,640	33.20	13,360	**20,000**
CAPITAL OUTLAY < $5K								
20-5275-57-52400	MACHINERY EQUIPMENT-PURCH	0	0	5,000	0	-	5,000	**34,452**
TOTAL CAPITAL OUTLAY < $5K		0	0	5,000	0	-	5,000	**34,452**
CAPITAL OUTLAY > $5K								
20-5275-58-52400	MACHINERY EQUIPMENT-PU	0	0	247,955	251,941	101.61	(3,986)	**247,955**
20-5275-58-52410	CAPITAL OUTLAY	13,081	0	15,000	0	-	15,000	**15,000**
TOTAL CAPITAL OUTLAY > $5K		13,081	0	262,955	251,941	95.81	11,014	**262,955**
TOTAL WASTEWATER EXPENDITURES		**1,277,163**	**1,840,471**	**2,298,097**	**1,452,519**	**63.21**	**845,578**	**2,858,022**

FY2024-2025 PROPOSED ANNUAL BUDGET

STORMWATER EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
CONTRACTED SERVICES								
20-5285-54-51165	CONSULTANT FEES	0	0	0	0	-	0	**150,000**
TOTAL CONTRACTED SERVICES		0	0	0	0	-	0	**150,000**
TOTAL STORMWATER EXPENDITURES		**0**	**0**	**0**	**0**	**-**	**0**	**150,000**
TOTAL EXPENDITURES		**4,429,386**	**6,550,344**	**7,564,759**	**4,198,972**	**55.51**	**3,365,787**	**8,337,920**
REVENUES OVER/(UNDER) EXPENDITURES		**2,387,670**	**1,877,069**	**0**	**-274,141**		**274,141**	**0**

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FY 2024-2025 Proposed Annual Budget

30 -DEBT SERVICE FUND
FINANCIAL SUMMARY

					Proposed		Annual BUDGET FY 2024-25
				50.00 % OF YEAR COMPLETE			
REVENUE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
NON-DEPARTMENTAL							
TAXES	2,193,922	4,177,694	4,176,588	4,247,239	101.69	(70,651)	**7,585,234.00**
OTHER	2,010	13,330	12,109	8,160	67.39	3,948	**13,000.00**
TRANSFERS	0	0	0	0	-	0	**-**
TOTAL NON-DEPARTMENTAL	2,195,932	4,191,024	4,188,697	4,255,400	101.59	(66,703)	**7,598,234.00**
TOTAL REVENUES	**2,195,932**	**4,191,024**	**4,188,697**	**4,255,400**	**101.59**	**(66,703)**	**7,598,234.00**

					Proposed		Annual BUDGET FY 2024-25
				50.00 % OF YEAR COMPLETE			
EXPENDITURE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
NON-DEPARTMENTAL							
OPERATING	300	300	150	150	100.00	0	**150.00**
DEBT PAYMENTS	2,816,769	4,177,614	4,177,374	360,560	8.63	3,816,813	**7,580,233.69**
TRANSFERS	0	0	0	0	-	0	**-**
TOTAL NON-DEPARTMENTAL	2,817,069	4,177,914	4,177,524	360,710	8.63	3,816,813	**7,580,383.69**
TOTAL EXPENDITURES	**2,817,069**	**4,177,914**	**4,177,524**	**360,710**	**8.63**	**3,816,813**	**7,580,383.69**
REVENUES OVER/(UNDER) EXPENDITURES	**(621,137)**	**13,110**	**11,173**	**3,894,689**		**(3,883,516)**	**17,850.31**

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30 -DEBT SERVICE FUND REVENUES							Proposed	Annual BUDGET FY 2024-25
NON-DEPARTMENTAL REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
TAXES								
30-4999-40-40000	ADVALOREM TAXES - CURR	2,159,070	4,175,043	4,176,588	4,227,576	101.22	(50,988)	**7,580,234**
30-4999-40-40010	ADVALOREM TAXES - DELI	34,852	2,651	0	19,663	-	(19,663)	**5,000**
TOTAL TAXES		2,193,922	4,177,694	4,176,588	4,247,239	101.69	(70,651)	**7,585,234**
OTHER								
30-4999-48-48000	INTEREST INCOME	2,010	13,330	12,109	8,160	67.39	3,948	**13,000**
30-4999-48-49000	BOND PROCEEDS	0	0	0	0	-	0	**-**
TOTAL OTHER		2,010	13,330	12,109	8,160	67.39	3,948	**13,000**
TRANSFERS								
30-4999-49-5000	TRANSFER FROM GF	0	0	0	0	-	0	**-**
30-4999-49-50005	TRANSFER FROM GF	0	0	0	0	-	0	**-**
30-4999-49-50010	TRANSFER FROM UF	0	0	0	0	-	0	**-**
30-4999-49-60010	TRANSFER FROM CPF	0	0	0	0	-	0	**-**
TOTAL TRANSFERS		0	0	0	0	-	0	**-**
TOTAL NON-DEPARTMENTAL REVENUES		**2,195,932**	**4,191,024**	**4,188,697**	**4,255,400**	**101.59**	**(66,703)**	**7,598,234**
TOTAL REVENUES		**2,195,932**	**4,191,024**	**4,188,697**	**4,255,400**	**101.59**	**(66,703)**	**7,598,234**

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FY2024-2025 PROPOSED ANNUAL BUDGET

30 -DEBT SERVICE FUND EXPENDITURES						Proposed		Annual BUDGET FY 2024-25
NON-DEPARTMENTAL EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
OPERATING								
30-5999-51-51050	BANK ADMIN FEES	300	300	150	150	100.00	0	**150**
TOTAL OPERATING		300	300	150	150	100.00	0	**150**
DEBT PAYMENTS								
30-5999-55-53000	BOND ADMIN FEES	935	635	635	0	-	635	**785**
30-5999-55-59030	INTEREST - 2010 GO BONDS	2,411	0	0	0	-	0	**-**
30-5999-55-59031	INTEREST - 2012 GO BONDS	27,158	19,253	11,220	5,610	50.00	5,610	**3,188**
30-5999-55-59032	INTEREST - 2012 CO BONDS	20,314	17,118	13,944	6,900	49.48	7,044	**10,583**
30-5999-55-59033	INTEREST - 2015 GO BONDS	67,108	56,934	46,487	23,007	49.49	23,480	**35,381**
30-5999-55-59034	INTEREST - 2016 CO BONDS	329,531	312,127	294,265	147,133	50.00	147,133	**275,945**
30-5999-55-59035	INTEREST - 2021 CO BONDS	74,313	105,072	98,472	49,236	50.00	49,236	**91,784**
30-5999-55-59036	INTEREST - 2022 TAX NOTES	0	266,475	257,351	128,675	50.00	128,675	**217,553**
30-5999-55-59037	INTEREST - 2023 CO BONDS	0	0	0	0	-	0	**1,812,250**
30-5999-55-59038	INTEREST - 2024 CO BONDS	0	0	0	0	-	0	**992,767**
30-5999-55-59530	PRINCIPAL -2010 GO BOND	255,000	0	0	0	-	0	**-**
30-5999-55-59531	PRINCIPAL -2012 GO BOND	310,000	315,000	315,000	0	-	315,000	**60,000**
30-5999-55-59532	PRINCIPAL -2012 CO BOND	130,000	130,000	135,000	0	-	135,000	**140,000**
30-5999-55-59533	PRINCIPAL -2015 GO BOND	450,000	465,000	485,000	0	-	485,000	**500,000**
30-5999-55-59534	PRINCIPAL -2016 CO BOND	760,000	780,000	800,000	0	-	800,000	**1,170,000**
30-5999-55-59535	PRINCIPAL -2021 CO BOND	390,000	375,000	380,000	0	-	380,000	**390,000**
30-5999-55-59536	PRINCIPAL -2022 TAX NOTES	0	1,335,000	1,340,000	0	-	1,340,000	**1,380,000**
30-5999-55-59537	PRINCIPAL - 2023 CO BOND	0	0	0	0	-	0	**500,000**
30-5999-55-59538	PRINCIPAL - 2024 GO BOND	0	0	0	0	-	0	-
TOTAL DEBT PAYMENTS		2,816,769	4,177,614	4,177,374	360,560	8.63	3,816,813	**7,580,234**
TRANSFERS								
30-5999-59-60000	2010 GO BOND ISSUE COS	0	0	0	0	-	0	**-**
30-5999-60-15000	TRANSFER TO UF	0	0	0	0	-	0	**-**
TOTAL TRANSFERS		0	0	0	0	-	0	**-**
TOTAL NON-DEPARTMENTAL EXPENDITURES		**2,817,069**	**4,177,914**	**4,177,524**	**360,710**	**8.63**	**3,816,813**	**7,580,384**
TOTAL EXPENDITURES		**2,817,069**	**4,177,914**	**4,177,524**	**360,710**	**8.63**	**3,816,813**	**7,580,384**
REVENUES OVER/(UNDER) EXPENDITURES		**(621,137)**	**13,110**	**11,173**	**3,894,689**		**(3,883,516)**	**17,850**

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FY 2024-2025 Proposed Approved Annual Budget

40 -CAPITAL PROJECTS FUND
FINANCIAL SUMMARY

Proposed Annual BUDGET FY 2024-25

50.00 % OF YEAR COMPLETE

REVENUE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
NON-DEPARTMENTAL							
OTHER	29,882	477,004	346,068	620,789	179.38	(274,721)	**1,200,000**
TOTAL NON-DEPARTMENTAL	29,882	477,004	346,068	620,789	179.38	(274,721)	**1,200,000**
TOTAL REVENUES	**29,882**	**477,004**	**346,068**	**620,789**	**179.38**	**(274,721)**	**1,200,000**

Proposed Annual BUDGET FY 2024-25

EXPENDITURE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
BOND PROJECTS							
CAPITAL OUTLAY > $5K	278,441	1,356,119	663,023	27,782,056	4,190.21	(27,119,033)	**19,674,333**
TOTAL BOND PROJECTS	278,441	1,356,119	663,023	27,782,056	4,190.21	(27,119,033)	**19,674,333**
TOTAL EXPENDITURES	**278,441**	**1,356,119**	**663,023**	**27,782,056**	**4,190.21**	**(27,119,033)**	**19,674,333**
REVENUES OVER/(UNDER) EXPENDITURES	**(248,559)**	**(879,114)**	**(316,955)**	**(27,161,268)**		**26,844,313**	**(18,474,333)**

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40 -CAPITAL PROJECTS FUND REVENUES							Proposed	Annual BUDGET FY 2024-25
					50.00 % OF YEAR COMPLETE			
NON-DEPARTMENTAL REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
OTHER								
40-4999-48-48000	INTEREST INCOME	29,882	477,004	346,068	620,789	179.38	(274,721)	**1,200,000**
TOTAL OTHER		29,882	477,004	346,068	620,789	179.38	(274,721)	**1,200,000**
TOTAL NON-DEPARTMENTAL REVENUES		**29,882**	**477,004**	**346,068**	**620,789**	**179.38**	**(274,721)**	**1,200,000**
TOTAL REVENUES		**29,882**	**477,004**	**346,068**	**620,789**	**179.38**	**(274,721)**	**1,200,000**

40 -CAPITAL PROJECTS FUND EXPENDITURES							Proposed	Annual BUDGET FY 2024-25
					50.00 % OF YEAR COMPLETE			
IMPACT FEE PROJECTS EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
CAPITAL OUTLAY > $5K								
40-5997-58-58006	2021 CO BOND EXPENSES	278,441	787,108	280,686	364,932	130.01	(84,246)	**3,269,258**
40-5997-58-58007	2022 TAX NOTE BOND EXP		569,011	382,337	208,772	54.60	173,565	**8,288,485**
40-5997-58-58008	2023 CO BOND EXPENSES	0	0	0	16,061,277	-	(16,061,277)	**7,116,590**
40-5997-58-58009	2024 CO BOND EXPENSES	0	0	0	11,147,075	-	(11,147,075)	**1,000,000**
TOTAL CAPITAL OUTLAY > $5K		278,441	1,356,119	663,023	27,782,056	4,190.21	(27,119,033)	**19,674,333**
TOTAL BOND PROJECTS EXPENDITURES		**278,441**	**1,356,119**	**663,023**	**27,782,056**	**4,190.21**	**(27,119,033)**	**19,674,333**
TOTAL EXPENDITURES		**278,441**	**1,356,119**	**663,023**	**27,782,056**	**4,190.21**	**(27,119,033)**	**19,674,333**
REVENUES OVER/(UNDER) EXPENDITURES		**(248,559)**	**(879,114)**	**(316,955)**	**(27,161,268)**		**26,844,313**	**(18,474,333)**

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FY 2024-2025 Proposed Annual Budget

60 -SPECIAL REVENUE FUND **Proposed** **Annual BUDGET**
FINANCIAL SUMMARY **FY 2024-25**

50.00 % OF YEAR COMPLETE

REVENUE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
ADMINISTRATION							
TAXES	81,215	225,987	212,652	55,616	26.2	157,036	**268,104**
OTHER	0	858	15,452	31,823	205.9	(16,371)	**114,000**
TOTAL ADMINISTRATION	81,215	226,844	228,104	87,439	38.3	140,665	**382,104**
TOTAL REVENUES	**81,215**	**226,844**	**228,104**	**87,439**	**38.3**	**140,665**	**382,104**

EXPENDITURE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
ADMINISTRATION							
OPERATING	120,545	66,657	100,000	88,996	89.0	11,004	**141,050**
TOTAL ADMINISTRATION	120,545	66,657	100,000	88,996	89.0	11,004	**141,050**
TOTAL EXPENDITURES	**120,545**	**66,657**	**100,000**	**88,996**	**89.0**	**11,004**	**141,050**
REVENUES OVER/(UNDER) EXPENDITURES	**(39,330)**	**160,187**	**128,104**	**(1,557)**		**129,661**	**241,054**

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FY 2024-2025 Proposed Annual Budget

60 -SPECIAL REVENUE FUND REVENUES								Proposed Annual BUDGET FY 2024-25
					50.00 % OF YEAR COMPLETE			
ADMINISTRATION REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
TAXES								
60-4100-40-40020	MANOR HEIGHTS TIRZ TAX	0	128,104	128,104	0	-	128,104	**128,104**
60-4100-40-40030	HOTEL OCCUPANCY TAXES	76,458	71,069	65,110	38,139	58.58	26,971	**120,000**
60-4100-40-40031	LATE PENALTIES	0	5	0	0	-	0	**0**
60-4100-40-48000	HOT INTEREST INCOME	4,757	26,809	19,438	17,477	89.91	1,961	**20,000**
TOTAL TAXES		81,215	225,987	212,652	55,616	26.15	157,036	**268,104**
OTHER								
60-4100-48-48001	INTEREST INCOME - MH/TIRZ	0	858	15,427	2,139	13.86	13,288	**4,000**
60-4100-48-48002	INTEREST INCOME - RH	0	0	25	392	1,569.24	(367)	**10,000**
60-4100-48-48003	INTEREST INCOME - LAGOS	0	0	0	29,292	-	(29,292)	**50,000**
60-4100-48-48004	INTEREST INCOME - ENTRADA	0	0	0	0	-	0	**50,000**
TOTAL OTHER		0	858	15,452	31,823	205.95	(16,371)	**114,000**
TOTAL ADMINISTRATION REVENUES		**81,215**	**226,844**	**228,104**	**87,439**	**38.33**	**140,665**	**382,104**
TOTAL REVENUES		**81,215**	**226,844**	**228,104**	**87,439**	**38.33**	**140,665**	**382,104**

								Proposed Annual BUDGET FY 2024-25
					50.00 % OF YEAR COMPLETE			
ADMINISTRATION EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	REQUESTED 2024-25 BUDGET
OPERATING								
60-5100-51-51000	HOTEL OCCUPANCY EXPENDITURES	62,756	66,626	100,000	0	-	100,000	**50,000**
60-5100-51-51001	SESQUICENTENNIAL EXP	57,789	0	0	0	-	0	**0**
60-5100-51-51020	MANOR HEIGHTS/TIRZ EXPENDITURES	0	31	0	911	-	(911)	**1,000**
60-5100-51-51030	ROSE HILL PID EXPENDITURES	0	0	0	24,866	-	(24,866)	**30,000**
60-5100-51-51040	LAGOS PID EXPENDITURES	0	0	0	63,213	-	(63,213)	**30,000**
60-5100-51-51050	ENTRADA GLEN EXPENDITURES	0	0	0	0	-	0	**30,000**
60-5100-51-51485	MISCELLANEOUS	0	0	0	6	-	(6)	**50**
TOTAL OPERATING		120,545	66,657	100,000	88,996	89.00	11,004	**141,050**
TOTAL ADMINISTRATION EXPENDITURES		**120,545**	**66,657**	**100,000**	**88,996**	**89.00**	**11,004**	**141,050**
TOTAL EXPENDITURES		**120,545**	**66,657**	**100,000**	**88,996**	**89.00**	**11,004**	**141,050**
REVENUES OVER/(UNDER) EXPENDITURES		**(39,330)**	**160,187**	**128,104**	**(1,557)**		**129,661**	**241,054**

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FY 2024-2025 Proposed Annual Budget

70 -CAPITAL IMPACT FEES FUND
FINANCIAL SUMMARY

Annual BUDGET FY 2024-25

50.00 % OF YEAR COMPLETE

REVENUE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
WATER							
OTHER	1,065,066	655,710	656,444	620,744	94.56	35,700	**844,358**
TOTAL WATER OTHER	1,065,066	655,710	656,444	620,744	94.56	35,700	**844,358**
WASTEWATER							
OTHER	4,703,534	2,013,103	1,682,352	2,478,503	147.32	(796,151)	**2,030,000**
TOTAL WASTEWATER OTHER	4,703,534	2,013,103	1,682,352	2,478,503	147.32	(796,151)	**2,030,000**
TOTAL REVENUES	**5,768,600**	**2,668,814**	**2,338,796**	**3,099,247**	**132.51**	**(760,451)**	**2,874,358**

EXPENDITURE SUMMARY	FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
WATER							
REPAIRS & MAINTENANCE	4,454	261,769	454,544	0	-	454,544	**454,544**
CONTRACTED SERVICES	4,454	0	6,500	124,299	1,912.28	(117,799)	**6,500**
TOTAL WATER	4,454	261,769	461,044	124,299	26.96	336,746	**461,044**
WASTEWATER							
REPAIRS & MAINTENANCE	5,699,357	1,918,711	1,852,752	2,378,875	128.40	(526,123)	**1,700,000**
CONTRACTED SERVICES	21,183	0	25,000	0	-	25,000	**25,000**
TOTAL WASTEWATER	5,720,540	1,918,711	1,877,752	2,378,875	126.69	(501,123)	**1,725,000**
TOTAL EXPENDITURES	**5,724,994**	**2,180,480**	**2,338,796**	**2,503,174**	107.03	**(164,378)**	**2,186,044**
REVENUES OVER/(UNDER) EXPENDITURES	**43,605**	**488,334**	**(0)**	**596,073**		**(596,073)**	**688,314**

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70 -CAPITAL IMPACT FEES FUND REVENUES								Proposed Annual BUDGET FY 2024-25
					50.00 % OF YEAR COMPLETE			
WATER REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
OTHER								
70-4250-48-43090	CIF WATER	845,134	436,625	490,506	497,078	101.34	(6,572)	**650,000**
70-4250-48-43091	DR HORTONMH WATER FEE	216,630	186,970	144,358	62,958	43.61	81,400	**144,358**
70-4250-48-48000	INTEREST INCOME - WATER	3,302	32,116	21,580	60,708	281.32	(39,128)	**50,000**
TOTAL OTHER		1,065,066	655,710	656,444	620,744	94.56	35,700	**844,358**
TOTAL WATER REVENUES		**1,065,066**	**655,710**	**656,444**	**620,744**	**94.56**	**35,700**	**844,358**

WASTEWATER REVENUES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**
OTHER								
70-4275-48-43190	CIF WASTEWATER	1,967,532	1,025,842	964,000	2,008,354	208.34	(1,044,354)	**1,200,000**
70-4275-48-43191	DDR HORTON MH WW FEES	1,198,142	969,258	717,852	390,879	54.45	326,973	**750,000**
70-4275-48-43192	KB HOMES OFFSITE WW	1,537,860	0	0	0	-	0	**0**
70-4275-48-48000	INTEREST INCOME - WASTEWATER	0	18,003	500	79,270	15,853.95	(78,770)	**80,000**
TOTAL OTHER		4,703,534	2,013,103	1,682,352	2,478,503	147.32	(796,151)	**2,030,000**
TOTAL WASTEWATER REVENUES		**4,703,534**	**2,013,103**	**1,682,352**	**2,478,503**	**147.32**	**(796,151)**	**2,030,000**
TOTAL REVENUES		**5,768,600**	**2,668,814**	**2,338,796**	**3,099,247**	**132.51**	**(760,451)**	**2,874,358**

70 -CAPITAL IMPACT FEES FUND
EXPENDITURES

								Proposed	Annual BUDGET FY 2024-25
					50.00 % OF YEAR COMPLETE				
WATER EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**	
REPAIRS & MAINTENANCE									
70-5250-52-53001	WATER IMPROVEMENTS	832,975	79,970	254,544	19,359	7.61	235,185	**254,544**	
70-5250-52-53002	DR HORTON MH 50% REPMNT	122,603	181,799	200,000	104,940	52.47	95,061	**200,000**	
TOTAL REPAIRS & MAINTENANCE		955,577	261,769	454,544	124,299	27.35	330,246	**454,544**	
CONTRACTED SERVICES									
70-5250-54-51165	IMPACT FEE STUDY - WAT	4,454	0	6,500	0	-	6,500	**6,500**	
TOTAL CONTRACTED SERVICES		4,454	0	6,500	0	-	6,500	**6,500**	
TOTAL WATER EXPENDITURES		**960,031**	**261,769**	**461,044**	**124,299**	**26.96**	**336,746**	**461,044**	
WASTEWATER EXPENDITURES		FY 2021-22 ACTUAL	FY 2022-23 ORIG. BUDGET	FY 2023-24 CURR. BUDGET	Y-T-D ACTUAL AS OF 03/31/2024	% OF BUDGET	BUDGET BALANCE	**REQUESTED 2024-25 BUDGET**	
REPAIRS & MAINTENANCE									
70-5275-52-53001	WASTEWATER IMPROVEMENTS	5,056,822	815,959	750,000	1,773,196	236.43	(1,023,196)	**1,000,000**	
70-5275-52-53002	DR HORTON MH 100% REPMNT	642,535	1,102,752	1,102,752	605,679	54.92	497,073	**700,000**	
TOTAL REPAIRS & MAINTENANCE		5,699,357	1,918,711	1,852,752	2,378,875	128.40	(526,123)	**1,700,000**	
CONTRACTED SERVICES									
70-5275-54-51165	IMPACT FEE STUDY - WW	21,183	0	25,000	0	-	25,000	**25,000**	
TOTAL CONTRACTED SERVICES		21,183	0	25,000	0	-	25,000	**25,000**	
TOTAL WASTEWATER EXPENDITURES		**5,720,540**	**1,918,711**	**1,877,752**	**2,378,875**	**126.69**	**(501,123)**	**1,725,000**	
TOTAL EXPENDITURES		**6,680,572**	**2,180,480**	**2,338,796**	**2,503,174**	**107.03**	**(164,378)**	**2,186,044**	
REVENUES OVER/(UNDER) EXPENDITURES		**(911,972)**	**488,334**	**(0)**	**596,073**		**(596,073)**	**688,314**	

City of Manor

New Positions
FY 24-25

General Fund	Fund 10	Sal&Ben
Administration	Assistant City Secretary	79,603.69
Finance	Sr. Accountant	109,041.33
Finance	PT Custodian	54,968.36
Streets	MS4 Inspector	80,240.80
Police	Police Clerk	65,184.62
	Total	**389,038.80**

Utility Fund	Fund 20	Sal&Ben
Public Works	PW Supervisor	95,484.05
Public Works	Utility Supervisor	103,765.62
Utility	Operator Crewman	73,622.79
Utility	Seasonal	18,015.78
Utility	Seasonal	18,015.78
Wastewater	W/WW Operator	73,622.79
Wastewater	Seasonal	18,015.78
	Total	**400,542.59**

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Debt Service Obligations
2024 AV Tax Year

BUDGET
FY 2024-2025

CITY OF MANOR DEBT OBLIGATIONS				Fiscal Year Oct 1, 2024 to Sept 30, 2025			
	Purpose	Amount of Issue	Outstanding as of Oct 1, 2024	Principal Due	Interest Due	Fees	Total
2012 Series GO Refunding	2001,2004 GO, & 2004 CO	3,510,000.00	125,000.00	60,000.00	3,187.50	150.00	63,337.50
2012 Certificate of Obligation	City Hall, PD Bldg., & PW Bldg.	1,835,000.00	425,000.00	140,000.00	10,582.50		150,582.50
2015 Series GO Refunding	2007 GO & 2007 CO	4,750,000.00	1,545,000.00	500,000.00	35,380.50		535,380.50
2016 Series CO Bond	W/WW Expansion & Streets	18,000,000.00	12,050,000.00	1,170,000.00	275,945.00	635.00	1,446,580.00
2021 CO Bond	W/WW Expansion	6,360,000.00	5,215,000.00	390,000.00	91,784.00		481,784.00
2022 Tax Note	W/WW Expansion	10,000,000.00	7,325,000.00	1,380,000.00	217,552.50		1,597,552.50
2023 Series Certificate of Obligations	W/WW Exp, P&R, Streets	36,245,000.00	36,245,000.00	500,000.00	1,812,250.00		2,312,250.00
2024 Series Certificate of Obligations	Infrastructure, Econ.Dev	15,000,000.00	15,000,000.00		992,766.69		992,766.69
Totals		**95,700,000.00**	**77,930,000.00**	**4,140,000.00**	**3,439,448.69**	**785.00**	**7,580,233.69**

	2023-24	2024-25	Change
Total Taxable Property Value	**2,101,439,419**	**2,256,097,556**	**154,658,137**
Adjusted -Total I&S Fund Pymts (Debt Service)	**4,177,524**	**7,580,234**	**3,402,710**
I&S Rate for Ad Valorem Tax	**0.1988**	**0.33599**	**0.13720**

LESS YEAR END BALANCE FORWARD: **0.00**

ADJUSTED 2024 DEBT SERVICE = **7,580,233.69**

Previous Tax Year De Minimis Tax Rate 0.6789
Current Tax Year De Minimis Tax Rate 0.8537

CO S2023 Interest due 8/2024 **$ 1,188,030.56**

Interest Earned:

Dec. 2023	44,410.29
Jan. 2024	124,863.54
Feb. 2024	105,072.70
Mar. 2024	105,469.24
Apr. 2024	116,819.07
May. 2024	110,144.77
Jun. 2024	97,413.93
Jul. 2024	
	704,193.54

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CITY OF MANOR

ANNUAL DEBT

YEAR	2012	2012	2015	2016	2021	2022	2023	2024	TOTALS
FY 23-24	326,220.00	148,944.00	531,487.00	1,094,265.00	478,472.00	1,597,350.50	1,188,030.56	-	5,364,769.06
FY 24-25	63,187.50	150,582.50	535,380.50	1,445,945.00	481,784.00	1,597,552.50	2,312,250.00	992,766.69	7,579,448.69
FY 25-26	66,657.50	147,096.50	538,930.50	1,449,152.00	479,920.00	1,596,566.50	2,287,250.00	906,763.00	7,472,336.00
FY 26-27		148,610.50	542,137.00	1,511,672.00	482,968.00	1,599,392.50	2,262,250.00	901,603.00	7,448,633.00
FY 27-28				2,207,131.00	480,840.00	1,595,882.00	2,237,250.00	896,433.00	7,417,536.00
FY 28-29				2,215,987.50	483,624.00	1,601,183.50	2,212,250.00	891,423.00	7,404,468.00
FY 29-30				2,223,584.50	486,232.00		1,862,250.00	1,351,453.00	5,923,519.50
FY 30-31				2,229,922.00	488,664.00		1,853,500.00	1,353,429.00	5,925,515.00
FY 31-32					485,920.00		3,789,750.00	1,648,143.50	5,923,813.50
FY 32-33					488,088.00		3,783,750.00	1,655,855.50	5,927,693.50
FY 33-34					490,080.00		3,787,750.00	1,655,350.50	5,933,180.50
FY 34-35					491,896.00		3,786,000.00	1,656,948.00	5,934,844.00
FY 35-36					493,536.00		3,783,500.00	1,660,032.00	5,937,068.00
FY 36-37							4,270,000.00	1,669,042.00	5,939,042.00
FY 37-38							4,275,750.00	1,663,460.00	5,939,210.00
FY 38-39							4,278,250.00	1,664,118.00	5,942,368.00
FY 39-40							4,277,250.00	1,665,016.00	5,942,266.00
FY 40-41							4,277,500.00	1,661,342.00	5,938,842.00
FY 41-42							4,273,500.00	1,663,200.00	5,936,700.00
	456,065.00	595,233.50	2,147,935.00	14,377,659.00	6,312,024.00	9,587,927.50	60,798,030.56	25,556,378.19	119,831,252.75
PRINCIPAL	3,510,000	1,835,000	4,750,000	18,000,000	6,360,000	10,000,000	36,245,000	15,000,000	
INTEREST	656,057.63	383,519.14	868,317.11	4,073,795.50	896,409.07	1,189,402.50	24,553,030.56	10,556,378.19	
AVG RATE	2.55%	2.49%	2.29%	2.90%	1.76%	2.97%	5%	5.27%	

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Ad Valorem Rate/Revenue Comparisons

	2024											
	Taxable Value 2,256,097,556		Projected Debt Service 7,580,234								**PROPOSED RATE FY 2024-25**	
	0.6789		0.6677		0.8489		0.8537		0.8316		0.6711	
	2023 (current) Ad ValoremTax Rate		2024 AV Rate to… NNR Rate		2024 AV Rate to… Voter Approval Tax Rate		2024 AV Rate to… De Minimis Rate		2024 No New Rev M&O Rate		2024 Unused Increment Rate	
Taxable Property Value		2,101,439,419	2,256,097,556		2,256,097,556		2,256,097,556		2,256,097,556		2,256,097,556	
Debt Service (I&S)	0.1987	4,177,524	7,580,234	0.3359	7,580,234	0.3359	7,580,234	0.3359	7,580,234	0.3359	7,580,234	0.3359
Operations (O&M)	0.4802	10,091,112	7,485,732	0.3318	11,573,780	0.5130	11,682,073	0.5178	11,183,476	0.4957	10,657,805	0.4724
Total AV Revenues		14,268,636	15,065,965		19,154,014		19,262,307		18,763,709		18,238,039	
Total AV Tax Rate	0.6789			0.6677		0.8489		0.8537		0.8316		0.8083
Change in O&M Revenues			(2,605,380.40)		1,482,668		1,590,961		1,092,363		566,693	
Change in AV Tax Rate				-0.0112		0.1700		0.1748		0.1527		0.1294
Tax on average residence @ last year's value		**275,301** ***1,869.02***										
Tax on average residence @ this year's value			**287,960** ***1,922.71***		**287,960** ***2,444.49***		**287,960** ***2,458.31***		**287,960** ***2,394.68***		**287,960** ***2,327.58***	
Difference			***53.69***		***575.47***		***589.30***		***525.66***		***458.56***	

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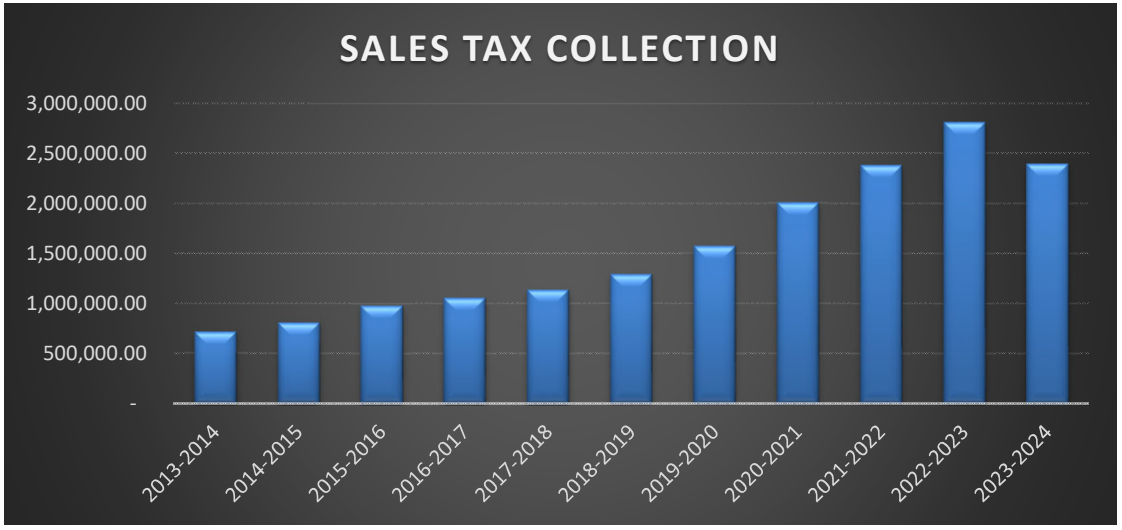
CITY OF MANOR, TEXAS

SALES TAX COLLECTION

MONTH	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
OCTOBER	38,158.42	50,826.45	59,106.57	77,610.62	78,922.90	85,635.16	104,974.43	125,287.67	168,991.65	233,083.02	229,427.72
NOVEMBER	66,112.75	74,601.37	86,757.45	107,153.54	121,211.04	134,032.33	168,389.87	180,749.02	230,535.22	246,801.16	291,723.42
DECEMBER	45,780.00	54,657.19	61,497.73	75,889.63	74,524.93	92,065.56	129,343.45	135,150.83	180,169.06	215,096.18	234,020.67
JANUARY	37,090.97	51,893.12	66,159.11	79,356.52	74,043.24	97,291.36	107,442.85	136,037.45	162,109.77	204,671.68	214,428.47
FEBRUARY	69,479.81	87,247.63	100,062.86	123,840.63	119,952.05	125,880.97	180,654.14	206,067.64	242,001.95	277,846.74	302,279.21
MARCH	36,578.64	51,547.97	67,515.98	70,697.39	77,308.15	80,858.82	100,248.30	126,256.16	155,816.34	203,717.25	187,067.73
APRIL	52,802.71	62,405.67	69,426.22	77,547.91	72,412.04	84,775.72	103,086.20	128,067.51	142,233.99	196,960.34	196,462.68
MAY	79,826.51	87,340.46	99,207.74	107,093.55	119,886.82	140,262.19	154,261.48	214,025.27	236,012.90	257,267.97	289,324.80
JUNE	51,746.26	66,977.60	78,229.01	75,354.18	95,287.39	105,071.11	114,010.89	171,234.02	179,888.02	194,979.38	223,407.96
JULY	77,803.71	59,213.17	78,192.50	74,361.13	88,052.67	100,514.69	122,454.71	161,382.19	225,308.00	216,659.77	226,334.42
AUGUST	86,030.90	89,920.54	106,542.72	107,873.23	122,309.48	138,889.92	178,318.95	219,156.68	244,911.27	298,817.15	
SEPTEMBER	69,027.15	69,542.85	105,728.73	79,805.86	91,941.82	105,029.10	108,768.28	198,386.09	213,600.89	262,439.17	
TOTALS	**710,437.83**	**806,174.02**	**978,426.62**	**1,056,584.19**	**1,135,852.53**	**1,290,306.93**	**1,571,953.55**	**2,001,800.53**	**2,381,579.06**	**2,808,339.81**	**2,394,477.08**



NOTE: SALES TAX IS RECEIVED TWO MONTHS AFTER COLLECTION

FOR EXAMPLE: OCTOBER SALES TAX IS RECEIVED IN DECEMBER

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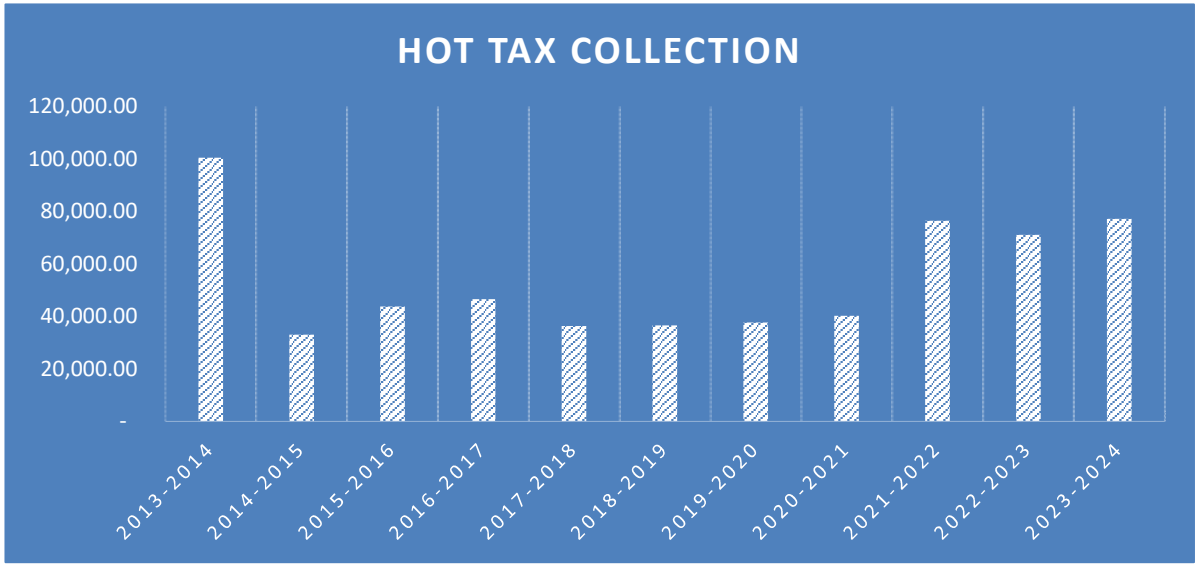
CITY OF MANOR, TEXAS
HOT TAX COLLECTION

YEAR	
2013-2014	100,445.16
2014-2015	33,050.47
2015-2016	43,752.28
2016-2017	46,553.66
2017-2018	36,270.56
2018-2019	36,511.47
2019-2020	37,693.67
2020-2021	40,238.38
2021-2022	76,458.38
2022-2023	71,068.77
2023-2024	77,123.17
	599,165.97



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CITY OF MANOR

OBSERVATION NOTES

1. Acccounting software (Incode) is Version 9 which is outdated. Version 10 has been ordered and implementation is schedule in the next few months.
2. Time cards are done manually in paper. Time and Attendance software is currently being implemented. This software is online and paperless.
3. Currently, bills are being outsourced to a third party to print and mail them out. The cost is about $80,000 per year. We are implementing in-house printing and mailing. The bills would be postcard format. Annual costs would drop to about half of the current cost.
4. Audit firm has been auditing City's books for 13 years, it is recommended to rotate auditors every 5 years. We are working on RFP for current year. Due to all the discrepancies found. Audit for FY22-23 just started in June 2024.
5. Purchasing policy needs to be updated. Latest version is dated back to 2019.
6. Investment policy was outdated. Latest version was 2005. Council recently approved a recent version. I will be working with banks to invest funds for better return to the City investments.
7. Bank agreements(Frontier and Independent) expired on 11/2023. Council approved new agreements with expiration of 9/25. City will work on RFA for banking services at start of 2025
8. Majority of vendors in Incode do not have a W9 on file, therefore no 1099 form is provided to vendors at the end of the calendar year. We are contacting vendors to provide an updated W9 form to implement the forms 1099 in 2025
9. FY2022-2023 is out of balance which goes back to a few years. And it carries forward to current fiscal year. Many accounts with activity were changed to “inactive” and that affects the balances. I already changed the accounts back to active for the past five years.
10. Many accounts on the balance sheet, for all funds, are negative due to misclassification or erroneous account type.
11. Many accounts in the asset section of the balance sheet are set as liability account type in Incode. The account number was used incorrectly and that is why those accounts are in the asset section instead of the liability.
12. FY2023-2024 some of the payments are misclassified as expenses when should be in another category. For example, there is a large amount for purchase of land classified as expenses instead of an asset. Some projects are coded to the incorrect account.
13. Projects expenses are all posted in one account instead of having an account for each project to keep a uniformed balance of expenses. Spreadsheets are being created for each funding source and its respective projects to keep track of all the expenses and balances
14. All bank reconciliations for fiscal year 23-24 were not reconciled. Currently working on reconciling December 2023.
15. Outstanding checks for the general fund goes back to 2011; approximately 700 checks and a few deposits. One transaction is for 2016 bond in the amount of $1.8 million. Outstanding items were cleared in the month of October 2023 reconciliation.
16. Most of the outstanding checks in the General Fund account are for utility refunds. Staff tried reaching out customers but weren't able to.
17. For credit cards, there are different cards currently used. I reached out to PNC Bank to obtain the P-cards for better track of expenses and also offers a rewards program. We can pay bills with that card to earn more rewards. PNC Bank approved the City with a $420k monthly limit.
18. Ad Valorem Levy posting in Incode has not been a practice in previous years. We posted the Levy for FY23-24 to keep track of outstanding taxes.
19. Bonds proceeds were posted in "Fund Balance" account instead of revenue and liability. It's been corrected.
20. In August 2024, interest payment for CO S2023 in the amount of $1.2m is due. The amount was not budgeted for, therefore we might have to use interest revenue and other funds to make the payment.

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July 19, 2024

CITY OF MANOR
THE HONORABLE DR. CHRISTOPHER HARVEY, MAYOR
PO BOX 387
MANOR, TX 78653

In accordance with Tax Code Section 26.01(a-1) enclosed is the **2024 Certified Net Taxable Value** for your taxing unit. The values in the Certified Estimate shall be used to calculate the no-new-revenue tax rate and the voter-approval tax rate, per Tax Code Section 26.04(c-2). The value remaining under protest is reported, pursuant to Tax Code Section 26.01(c), as the owner's opinion of value or the preceding year's value, whichever is lower. Therefore, it is a conservative estimate.

The information page included with your Certified Value is based on the last available worksheet (Tax Year 2024). It provides the information to assist you in completing the Truth in Taxation calculations and postings. Line 16 of the TNT worksheet 50-856, which covers taxes refunded for years preceding the prior tax year, has been provided for entities with a collection agreement with the Travis County Tax Office.

The calculated tax rates and hearing date information should be posted to the taxing unit portal maintained by the appraisal district, as required in Tax Code Section 26.17(e). For taxing units required to comply with Tax Code Section 26.04(e), the 26.17(e) postings should be completed by August 7, 2024. Please feel free to contact me if you have any questions or need additional information.

Approved Freeze Adjusted Taxable	$2,265,459,419
Certification Percentage	93.66%
Section 26.01(c) Value Under Protest	$136,814,892
Net Taxable Value	$2,402,274,311

Sincerely,

Leana H. Mann

Leana Mann, RPA, CCA, CGFO
Chief Appraiser
Lmann@tcadcentral.org
(512) 834-9317 Ext. 405

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Line	No-New-Revenue Tax Rate Worksheet	Amount/Rate
1	**Prior year total taxable value.** Enter the amount of the prior year taxable value on the prior year tax roll today. Include any adjustments since last year's certification; exclude Tax Code Section 25.25(d) one-fourth and one-third over-appraisal corrections from these adjustments. Exclude any property value subject to an appeal under Chapter 42 as of July 25 (will add undisputed value in Line 6). This total includes the taxable value of homesteads with tax ceilings (will deduct in Line 2) and the captured value for tax increment financing (adjustment is made by deducting TIF taxes, as reflected in Line 17).	$2,082,482,309
2	**Prior year tax ceilings.** Counties, cities and junior college districts. Enter the prior year total taxable value of homesteads with tax ceilings. These include the homesteads of homeowners age 65 or older or disabled. Other taxing units enter 0. If your taxing unit adopted the tax ceiling provision last year or a prior year for homeowners age 65 or older or disabled, use this step.	$ 0
3	**Preliminary prior year adjusted taxable value.** Subtract Line 2 from Line 1.	$2,082,482,309
4	**Prior year total adopted tax rate.**	0.678900 /$100
5	**Prior year taxable value lost because court appeals of ARB decisions reduced the prior year's appraised value.** A. Original prior year ARB values: $99,402,787 B. Prior year values resulting from final court decisions: $92,243,606 C. Prior year value loss. Subtract B from A	$7,159,181
6	**Prior year taxable value subject to an appeal under Chapter 42, as of July 25.** A. Prior year ARB certified value: $83,568,004 B. Prior year disputed value: $8,356,800 C. Prior year undisputed value. Subtract B from A.	$75,211,204
7	**Prior year Chapter 42 related adjusted values.** Add Line 5C and Line 6C.	$82,370,385
8	**Prior year taxable value, adjusted for actual and potential court-ordered adjustments.** Add Line 3 and Line 7.	$2,164,852,694
9	**Prior year taxable value of property in territory the taxing unit deannexed after Jan. 1, 2024.** Enter the prior year value of property in deannexed territory**.**	$ 0
10	**Prior year taxable value lost because property first qualified for an exemption in the current year.** If the taxing unit increased an original exemption, use the difference between the original exempted amount and the increased exempted amount. Do not include value lost due to freeport, goods-in-transit, temporary disaster exemptions. Note that lowering the amount or percentage of an existing exemption in the current year does not create a new exemption or reduce taxable value. **A. Absolute exemptions.** Use prior year market value: $8,134,208 **B. Partial exemptions.** Current year exemption amount or current year percentage exemption times prior year value: $7,936,003 **C. Value loss.** Add A and B	$16,070,211
11	**Prior year taxable value lost because property first qualified for agricultural appraisal (1-d or 1-d-1), timber appraisal, recreational/ scenic appraisal or public access airport special appraisal in the current year.** Use only properties that qualified for the first time in the cur- rent year; do not use proper- ties that qualified in the prior year. **A. Prior year market value:** $ 0 **B. Current year productivity or special appraised value:** $22,446 **C. Value loss.** Subtract B from A.	$-22,446
12	**Total adjustments for lost value.** Add Lines 9, 10C and 11C.	$16,047,765
13	**Prior year captured value of property in a TIF.** Enter the total value of the prior year captured appraised value of property taxable by a taxing unit in a tax increment financing zone for which the prior year taxes were deposited into the tax increment fund. 8 If the taxing unit has no captured appraised value in line 18D, enter 0.	$147,980,240
14	**Prior year total value.** Subtract Line 12 and Line 13 from Line 8.	$2,001,241,293
15	**Adjusted prior year total levy.** Multiply Line 4 by Line 14 and divide by $100.	$13,586,427
16	**Taxes refunded for years preceding the prior tax year.** Enter the amount of taxes refunded by the taxing unit for tax years preceding the prior tax year. Types of refunds include court decisions, Tax Code Section 25.25(b) and (c) corrections and Tax Code Section 31.11 payment errors. Do not include refunds for the prior tax year. This line applies only to tax years preceding the prior tax year.	$46,561

Line	No-New-Revenue Tax Rate Worksheet		Amount/Rate
17	**Adjusted prior year levy with refunds and TIF adjustment.** Add Lines 15 and 16.		$13,632,988
18	**Total current year taxable value on the current year certified appraisal roll today.** This value includes only certified values or certified estimate of values and includes the total taxable value of homesteads with tax ceilings (will deduct in Line 20). These homesteads include homeowners age 65 or older or disabled.		
	A. Certified values:	$2,265,459,419	
	B. Counties: Include railroad rolling stock values certified by the Comptroller's office:	$ 0	
	C. Pollution control and energy storage system exemption: Deduct the value of property exempted for the current tax year for the first time as pollution control or energy storage system property:	$2,711,852	
	D. Tax increment financing: Deduct the current year captured appraised value of property taxable by a taxing unit in a tax increment financing zone for which the current year taxes will be deposited into the tax increment fund. Do not include any new property value that will be included in Line 23 below:	$143,482,374	
	E. Total current year value. Add A and B, then subtract C and D.		$2,041,011,756
19	**Total value of properties under protest or not included on certified appraisal roll.**		
	A. Current year taxable value of properties under protest. The chief appraiser certifies a list of properties still under ARB protest. The list shows the appraisal district's value and the taxpayer's claimed value, if any, or an estimate of the value if the taxpayer wins. For each of the properties under protest, use the lowest of these values. Enter the total value under protest:	$136,814,892	
	B. Current year value of properties not under protest or included on certified appraisal roll. The chief appraiser gives taxing units a list of those taxable properties that the chief appraiser knows about but are not included in the appraisal roll certification. These properties also are not on the list of properties that are still under protest. On this list of properties, the chief appraiser includes the market value, appraised value and exemptions for the preceding year and a reasonable estimate of the market value, appraised value and exemptions for the current year. Use the lower market, appraised or taxable value (as appropriate). Enter the total value of property not on the certified roll:	$ 0	
	C. Total value under protest or not certified. Add A and B.		$136,814,892
20	**Current year tax ceilings.** Counties, cities and junior colleges enter current year total taxable value of homesteads with tax ceilings. These include the home- steads of homeowners age 65 or older or disabled. Other taxing units enter 0. If your taxing unit adopted the tax ceiling pro- vision in the prior year or a previous year for homeowners age 65 or older or disabled, use this step.		$ 0
21	**Current year total taxable value.** Add Lines 18E and 19C. Subtract Line 20.		$2,177,826,648
22	**Total current year taxable value of properties in territory annexed after Jan. 1, of the prior year.** Include both real and personal property. Enter the current year value of property in territory annexed.		$ 0
23	**Total current year taxable value of new improvements and new personal property located in new improvements.** New means the item was not on the appraisal roll in the prior year. An improvement is a building, structure, fixture or fence erected on or affixed to land. New additions to existing improvements may be included if the appraised value can be determined. New personal property in a new improvement must have been brought into the taxing unit after Jan. 1, of the prior year and be located in a new improvement. New improvements do include property on which a tax abatement agreement has expired for the current year.		$214,746,445
24	**Total adjustments to the current year taxable value.** Add Lines 22 and 23.		$214,746,445
25	**Adjusted current year taxable value.** Subtract Line 24 from Line 21.		$1,963,080,203
26	**Current year NNR tax rate.** Divide Line 17 by Line 25 and multiply by $100.		0.694500 /$100

Notice of Public Hearing – Budget/Tax Rate Information

2023 Average appraised value of properties with a homestead exemption	$354,162
2023 Total appraised value of all property	$2,689,608,751
2023 Total appraised value of all new property	$152,745,810
2023 Average taxable value of properties with a homestead exemption	$275,301
2023 Total taxable value of all property	$2,166,050,313
2023 Total taxable value of all new property	$147,885,110
2024 Average appraised value of properties with a homestead exemption	$324,697
2024 Total appraised value of all property	$2,848,266,520
2024 Total appraised value of all new property	$219,261,466
2024 Average taxable value of properties with a homestead exemption	$287,960
2024 Total taxable value of all property	$2,402,274,311
2024 Total taxable of all new property	$214,746,445

CITY OF MANOR

	NOT UNDER REVIEW	UNDER REVIEW	TOTAL
REAL PROPERTY & MFT HOMES	(Count) (7,089)	(Count) (777)	(Count) (7,866)
Land HS Value	187,113,866	11,707,133	198,820,999
Land NHS Value	314,221,227	32,005,692	346,226,919
Land Ag Market Value	89,865,950	2,164,856	92,030,806
Land Timber Market Value	0	0	0
Total Land Value	**591,201,043**	**45,877,681**	**637,078,724**
Improvement HS Value	1,550,952,916	107,698,838	1,658,651,754
Improvement NHS Value	494,465,942	26,422,684	520,888,626
Total Improvement	**2,045,418,858**	**134,121,522**	**2,179,540,380**
Market Value	**2,636,619,901**	**179,999,203**	**2,816,619,104**
BUSINESS PERSONAL PROPERTY	(341)	(13)	(354)
Market Value	**69,304,995**	**3,104,503**	**72,409,498**
OIL & GAS / MINERALS	(0)	(0)	(0)
Market Value	**0**	**0**	**0**
OTHER (Intangibles)	(0)	(0)	(0)
Market Value	**0**	**0**	**0**
	(Total Count) (7,430)	(Total Count) (790)	(Total Count) (8,220)
TOTAL MARKET	**2,705,924,896**	**183,103,706**	**2,889,028,602**
Ag Productivity	268,975	8,913	277,888
Ag Loss (-)	89,596,975	2,155,943	91,752,918
Timber Productivity	0	0	0
Timber Loss (-)	0	0	0
APPRAISED VALUE	**2,616,327,921**	**180,947,763**	**2,797,275,684**
	93.5%	6.9%	100.0%
HS CAP Limitation Value (-)	85,364,228	2,642,361	88,006,589
CB CAP Limitation Value (-)	22,906,294	3,232,127	26,138,421
NET APPRAISED VALUE	**2,508,057,399**	**175,073,275**	**2,683,130,674**
Total Exemption Amount	242,597,980	564,743	243,162,723
NET TAXABLE	**2,265,459,419**	**174,508,532**	**2,439,967,951**
TAX LIMIT/FREEZE ADJUSTMENT	**0**	**0**	**0**
LIMIT ADJ TAXABLE (I&S)	**2,265,459,419**	**174,508,532**	**2,439,967,951**
CHAPTER 313 ADJUSTMENT	**0**	**0**	**0**
LIMIT ADJ TAXABLE (M&O)	**2,265,459,419**	**174,508,532**	**2,439,967,951**

APPROX TOTAL LEVY = NET TAXABLE * (TAX RATE / 100)

$16,564,942.42 = 2,439,967,951 * 0.678900 / 100)

Tax Increment Refinance Zone	Tax Increment Loss
01_05	221,735,811

Tax Increment Finance Value:	221,735,811
Tax Increment Finance Levy:	1,505,364.42

EXEMPTIONS	NOT UNDER REVIEW		UNDER REVIEW		TOTAL	
Exemption	Total	Count	Total	Count	Total	Count
Homestead Exemptions						
OV65-Local	4,534,248	482	160,000	16	4,694,248	498
OV65-State	0	0	0	0	0	0
OV65-Prorated	0	0	0	0	0	0
OV65S-Local	120,000	13	0	0	120,000	13
OV65S-State	0	0	0	0	0	0
OV65S-Prorated	0	0	0	0	0	0
DVHS	32,975,256	97	0	0	32,975,256	97
DVHS-Prorated	854,332	5	124,210	1	978,542	6
DVHSS-UD	307,059	1	0	0	307,059	1
Subtotal for Homestead Exemptions	**38,790,895**	**598**	**284,210**	**17**	**39,075,105**	**615**
Disabled Veterans Exemptions						
DV1	128,000	20	5,000	1	133,000	21
DV2	100,500	11	0	0	100,500	11
DV3	206,000	20	10,000	1	216,000	21
DV4	612,000	86	48,000	4	660,000	90
DV4S	0	1	0	0	0	1
Subtotal for Disabled Veterans Exemptions	**1,046,500**	**138**	**63,000**	**6**	**1,109,500**	**144**
Special Exemptions						
FR	2,206,909	1	0	0	2,206,909	1
PC	9,100	1	0	0	9,100	1
SO	2,485,219	175	217,533	13	2,702,752	188
Subtotal for Special Exemptions	**4,701,228**	**177**	**217,533**	**13**	**4,918,761**	**190**
Absolute Exemptions						
EX-XI	21,182	1	0	0	21,182	1
EX-XI-PRORATED	0	0	0	0	0	0
EX-XJ	11,825,745	1	0	0	11,825,745	1
EX-XJ-PRORATED	0	0	0	0	0	0
EX-XO	0	0	0	0	0	0
EX-XO-PRORATED	0	0	0	0	0	0
EX-XR	149,520	1	0	0	149,520	1
EX-XR-PRORATED	0	0	0	0	0	0
EX-XU	1,009,174	1	0	0	1,009,174	1
EX-XU-PRORATED	0	0	0	0	0	0
EX-XV	184,459,215	132	0	0	184,459,215	132
EX-XV-PRORATED	545,003	5	0	0	545,003	5
EX366	49,518	57	0	0	49,518	57
Subtotal for Absolute Exemptions	**198,059,357**	**198**	**0**	**0**	**198,059,357**	**198**

EXEMPTIONS	NOT UNDER REVIEW		UNDER REVIEW		TOTAL	
Exemption	Total	Count	Total	Count	Total	Count
Other Exemptions						
CC	0	1	0	0	0	1
Subtotal for Other Exemptions	**0**	**1**	**0**	**0**	**0**	**1**
Total:	**242,597,980**	**1,112**	**564,743**	**36**	**243,162,723**	**1,148**

New Value

Total New Market Value: $219,261,466

Total New Taxable Value: $214,746,445

Exemption Loss

New Absolute Exemptions

Exemption	Description	Count	Last Year Market Value
EX-XU	11.23 Miscellaneous Exemptions	1	1,033,376
EX-XV	Other Exemptions (including public property, reli...	8	7,100,832
Absolute Exemption Value Loss:		**9**	**8,134,208**

New Partial Exemptions

Exemption	Description	Count	Partial Exemption Amt
CC	Childcare	1	0
DV1	Disabled Veterans 10% - 29%	2	10,000
DV3	Disabled Veterans 50% - 69%	2	22,000
DV4	Disabled Veterans 70% - 100%	9	72,000
DVHS	Disabled Veteran Homestead	14	4,030,055
FR	FREEPORT	1	2,206,909
OV65	Over 65	18	160,000
SO	Solar (Special Exemption)	92	1,435,039
Partial Exemption Value Loss:		**139**	**7,936,003**
Total NEW Exemption Value			**16,070,211**

Increased Exemptions

Exemption	Description	Count	Increased Exemption Amt
Increased Exemption Value Loss:		**0**	**0**
Total Exemption Value Loss:			**16,070,211**

New Special Use (Ag/Timber)

Count	2023 Market Value	2024 Market Value	2024 Special Use	Loss
2	0	null	22,446	22,446

Average Homestead Value

Category	Count of HS	Average Market	Average Exemption	Average Taxable
A Only	4,028	324,697	8,248	287,960
A & E	4,039	325,500	8,225	288,142

Property Under Review - Lower Value Used

Count	Market Value	Lower Market Value	Estimated Lower Taxable Value
790	183,103,706	142,341,624	136,814,892

Not Under Review

Code	Description	Count	Acres	New Value	Market Value	Taxable Value
A	Single-family Residential	5,654		82,774,921	1,678,714,493	1,554,455,283
B	Multifamily Residential	18		34,878,196	207,131,979	206,936,122
C1	Vacant Lots and Tracts	649		0	92,284,688	90,868,155
D1	Qualified Open-Space Land	46	2,149.37	0	89,865,950	266,905
E	Rural Land,Not Qualified for Open-Space Land	81		1,565,620	63,388,722	49,281,533
ERROR	ERROR	22		0	7,975,325	7,975,325
F1	Commercial Real Property	99		15,116,007	218,159,277	214,971,607
F2	Industrial Real Property	9		0	2,116,681	1,973,864
J4	Telephone Companies (including Co-ops)	3		0	1,032,743	1,032,743
L1	Commercial Personal Property	240		0	44,403,289	42,187,280
L2	Industrial and Manufacturing Personal Property	8		0	7,369,966	7,369,966
M1	Mobile Homes	46		21,552	1,041,908	901,946
O	Residential Inventory	750		54,640,496	79,471,876	79,047,829
S	Special Inventory	7		0	8,190,861	8,190,861
XB	Income Producing Tangible Personal	57		0	49,518	0
XI	Youth Spiritual, Mental and Physical	1		0	21,182	0
XJ	Private Schools (§11.21)	1		0	11,825,745	0
XR	Nonprofit Water or Wastewater Corporation	1		0	267,000	0
XU	MiscellaneousExemptions (§11.23)	1		0	1,009,174	0
XV	Other Totally Exempt Properties (including	134		0	191,604,519	0
		Totals:	2,149.37	188,996,792	2,705,924,896	2,265,459,419

Under Review

Code	Description	Count	Acres	New Value	Market Value	Taxable Value
A	Single-family Residential	358		14,013,598	110,229,496	107,023,310
B	Multifamily Residential	3		2,011,083	2,549,960	2,548,083
C1	Vacant Lots and Tracts	40		0	5,167,764	4,893,948
D1	Qualified Open-Space Land	4	58.6	0	2,164,856	6,980
E	Rural Land,Not Qualified for Open-Space Land	5		8,434	1,066,378	824,290
F1	Commercial Real Property	25		2,765,546	33,235,812	30,883,792
F2	Industrial Real Property	7		0	4,122,303	3,895,202
L1	Commercial Personal Property	13		0	3,104,503	3,104,503
M1	Mobile Homes	1		0	5,850	5,850
O	Residential Inventory	366		11,466,013	21,456,784	21,322,574
		Totals:	58.6	30,264,674	183,103,706	174,508,532

Grand Totals

Code	Description	Count	Acres	New Value	Market Value	Taxable Value
A	Single-family Residential	6,012		96,788,519	1,788,943,989	1,661,478,593
B	Multifamily Residential	21		36,889,279	209,681,939	209,484,205
C1	Vacant Lots and Tracts	689		0	97,452,452	95,762,103
D1	Qualified Open-Space Land	50	2,207.98	0	92,030,806	273,885
E	Rural Land,Not Qualified for Open-Space Land	86		1,574,054	64,455,100	50,105,823
ERROR	ERROR	22		0	7,975,325	7,975,325
F1	Commercial Real Property	124		17,881,553	251,395,089	245,855,399
F2	Industrial Real Property	16		0	6,238,984	5,869,066
J4	Telephone Companies (including Co-ops)	3		0	1,032,743	1,032,743
L1	Commercial Personal Property	253		0	47,507,792	45,291,783
L2	Industrial and Manufacturing Personal Property	8		0	7,369,966	7,369,966
M1	Mobile Homes	47		21,552	1,047,758	907,796
O	Residential Inventory	1,116		66,106,509	100,928,660	100,370,403
S	Special Inventory	7		0	8,190,861	8,190,861
XB	Income Producing Tangible Personal	57		0	49,518	0
XI	Youth Spiritual, Mental and Physical	1		0	21,182	0
XJ	Private Schools (§11.21)	1		0	11,825,745	0
XR	Nonprofit Water or Wastewater Corporation	1		0	267,000	0
XU	MiscellaneousExemptions (§11.23)	1		0	1,009,174	0
XV	Other Totally Exempt Properties (including	134		0	191,604,519	0
		Totals:	2,207.98	219,261,466	2,889,028,602	2,439,967,951

Rank	Owner ID	Taxpayer Name	Market Value	Taxable Value
1	1832172	GRASSDALE AT MANOR LLC	$59,500,000	$59,500,000
2	1915547	CV QOZP PROSE MANOR LLC	$58,500,000	$58,500,000
3	1852211	MANOR GRAND LLC	$44,858,579	$44,858,579
4	1945087	CH DOF I-RANGEWATER MF AUSTIN	$40,981,545	$40,981,545
5	1921798	HILL LANE OWNER LLC	$25,849,388	$25,849,388
6	2002503	ALLEGRA AUSTIN LLC	$17,724,387	$17,724,387
7	1303248	WAL-MART REAL ESTATE BUSINESS	$14,134,788	$14,134,788
8	1285824	SHADOWGLEN DEVELOPMENT	$12,982,735	$12,982,735
9	2003709	MC RETAIL LP	$11,813,472	$11,813,472
10	1596998	CUBE HHF LP	$9,830,946	$9,830,946
11	1657781	GREENVIEW MANOR COMMONS SW LP	$9,564,811	$9,564,811
12	1898399	SAI GEETA LLC	$9,200,000	$9,200,000
13	1980330	GG B2R PECAN PRESIDENTIAL	$8,749,217	$8,749,217
14	1744121	ASC MEDICAL 8 HOLDINGS LLC	$8,286,581	$8,286,581
15	1874222	FORESTAR REAL ESTATE GROUP INC	$9,364,176	$8,220,326
16	176360	COTTONWOOD HOLDINGS LTD	$8,077,299	$8,055,400
17	1968121	GG B2R PECAN PRESIDENTIAL HEIGHTS	$7,947,011	$7,947,011
18	509731	HOME DEPOT USA INC	$7,893,072	$7,893,072
19	1955354	GCP XXXI LTD	$7,699,666	$7,699,666
20	109336	RIVER CITY PARTNERS LTD	$7,511,318	$7,511,318
		Total	$380,468,991	$379,303,242

A.	2024 PROPERTY VALUES:	CERTIFIED VALUE	$	2,265,459,419	
		PROTESTED VALUE	$	136,814,892	
		UNLISTED VALUE	$	0	
		2024 TOTAL TAXABLE VALUE	$	2,402,274,311	
B.	2023 TOTAL TAXABLE VALUE		$	2,082,482,309	
C.	2023 TAXABLE VALUE OVER-65 & DISABLED CEILINGS		$	0	
D.	2023 TAXABLE VALUE LOST ON COURT APPEALS		$	7,159,181	
	D1. ORIGINAL 2023 ARB VALUES		$	99,402,787	
	D2. 2023 VALUES RESULTING FROM FINAL COURT DECISIONS		$	92,243,606	
E.	2023 UNDISPUTED TAXABLE VALUE SUBJECT TO CH 42 APPEAL AS OF JULY 2		$	75,211,204	
	E1. 2023 ARB CERTIFIED VALUES		$	83,568,004	
	E2. 2023 DISPUTED VALUE		$	8,356,800	
F.	2023 DEANNEXED TAX VALUE		$	0	
G.	2023 TAXABLE VALUE BECOMING EXEMPT IN 2024		$	16,070,211	
	G1. ABSOLUTE EXEMPTIONS		$	8,134,208	
	G2. PARTIAL EXEMPTIONS AND AMOUNT EXEMPT DUE TO AN INCREASE		$	7,936,003	
H.	2023 TAXABLE VALUE LOST ON SPECIAL APPRAISAL		$	(22,446)	
	H1. 2023 MARKET VALUE		$	0	
	H2. 2023 PRODUCTIVITY VALUE		$	22,446	
I.	2024 TAXABLE VALUE POLLUTION CONTROL EXEMPTION		$	2,711,852	
J.	2024 TAXABLE VALUE OVER-65 & DISABLED CEILINGS		$	0	
K.	2024 TAX. VALUE OF PROP. ANNEXED > JAN. 1, 2023		$	0	
L.	2024 TAX. VALUE OF NEW IMP. ADDED > JAN. 1, 2023		$	214,746,445	
M.	2023 TAX RATES	M & O	$	0.4802	/$100
		I & S	$	0.1987	/$100
		TOTAL TAX RATE	$	0.6789	/$100
N.	M&O YEAR END FUND BALANCE		$	0	
O.	I&S YEAR END FUND BALANCE		$	0	
P.	2024 TOTAL DEBT SERVICE NEEDED		$	7,580,233.69	
		AMOUNT PAID FROM FUNDS IN SCHEDULE A	$	0.00	
		AMOUNT PAID FROM OTHER SOURCES	$	0.00	
		ADJUSTED 2024 DEBT SERVICE	$	7,580,233.69	
Q.	2023 EXCESS DEBT TAX COLLECTIONS		$	0	
R.	CERTIFIED 2024 ANTICIPATED COLLECTION RATE		%	100.00%	
	R1. 2023 ACTUAL COLLECTION RATE		%	99.00%	
	R2. 2022 ACTUAL COLLECTION RATE		%	100.00%	
	R3. 2021 ACTUAL COLLECTION RATE		%	100.00%	
S.	FUNCTION OR ACTIVITY TRANSFER (+/-)		$	0	
T.	REFUNDS FOR TAX YEARS PRIOR TO 2023		$	46,561.14	
		M&O PORTION	$	32,933.66	
U.	TCEQ CERTIFIED POLLUTION CONTROL EXPENSES		$	0	
V.	2023 TAXES IN TAX INCREMENT FINANCING (TIF)		$	307,728.32	
W.	2023 TIF CAPTURED APPRAISED VALUE		$	147,962,769.00	
	2024 TIF CAPTURED APPRAISED VALUE		$	143,464,903	
X.	ENHANCED INDIGENT HEALTH CARE EXPENDITURES		$	0	
Y.	INCREASED AMOUNT OF INDIGENT HEALTH CARE		$	0	

Z. UNUSED INCREMENT RATE WORKSHEET

Z1.	2023 VOTER-APPROVAL TAX RATE (LINE 67).....	$	0.6711	/$100
	2022 VOTER-APPROVAL TAX RATE (LINE 67).....	$	0.7355	/$100
	2021 VOTER-APPROVAL TAX RATE (LINE 67).....	$	0.7667	/$100
Z2.	2023 UNUSED INCREMENT RATE (LINE 66).....	$	0.0000	/$100
	2022 UNUSED INCREMENT RATE (LINE 66).....	$	0.0000	/$100
	2021 UNUSED INCREMENT RATE (LINE 66).....	$	0.0054	/$100
Z3.	2023 ADOPTED TAX RATE.....	$	0.6789	/$100
	2022 ADOPTED TAX RATE.....	$	0.7470	/$100
	2021 ADOPTED TAX RATE.....	$	0.7827	/$100
Z4.	2023 TOTAL TAXABLE VALUE.....	$	2,101,439,419	
	2022 TOTAL TAXABLE VALUE.....	$	1,754,276,050	
	2021 TOTAL TAXABLE VALUE.....	$	1,217,505,804	

RATE ADJUSTMENTS

Additional rate for unused increment rate	0.0000
No-new-revenue Tax Rate	**0.6677**
No-new-revenue M & O Tax Rate	0.4957
Voter-Approval M & O Tax Rate	0.5130
Debt Rate	**0.3359**
Schedule A Funds Needed for Above Debt Rate	2,002.00
Debt Rate Reduction Using Above Schedule A Funds	0.0000
Unadjusted Voter-Approval Rate	0.8489
Voter-Approval Rate adjusted for unused increment rate	0.8489
Voter-Approval Rate:	**0.8489**
De minimus Rate:	**0.8537**

Statement of Increase/Decrease: **INCREASE** by 320,217

City of Manor

2024
NO NEW REVENUE TAX RATE WORKSHEET

1.	**2023 total taxable value.** Enter the amount of 2023 taxable value on the 2023 tax roll today. Include any adjustments since last year's certification; exclude the Section 25. 25(d) one-fourth and one-third over-appraisal corrections from these adjustments. Exclude any property value subject to an appeal under Chapter 42 as of July 25 (will add undisputed value in Line 6). This total includes the taxable value of homesteads with tax ceilings (will deduct in Line 2) and the captured value for tax increment financing (adjustment is made by deducting TIF taxes, as reflected in Line 17).			$ 2,082,482,309	
2.	**2023 tax ceilings.**			$ 0	
3.	**Preliminary 2023 adjusted taxable value.** Subtract Line 2 from Line 1.			$ 2,082,482,309	
4.	**2023 total adopted tax rate.**			$ 0.6789	/$100
5.	**2023 taxable value lost because court appeals of ARB decisions reduced 2023 appraised value.**				
	A. Original 2023 ARB values:	$	99,402,787		
	B. 2023 values resulting from final court decisions:	-$	92,243,606		
	C. 2023 value loss. Subtract B from A:			$ 7,159,181	
6.	**2023 taxable value subject to an appeal under Chapter 42, as of July 25.**				
	A. 2023 ARB certified value:	$	83,568,004		
	B. 2023 disputed value:	-$	8,356,800		
	C. 2023 undisputed value. Subract B from A.			$ 75,211,204	
7.	**2023 Chapter 42 related adjusted values.** Add Line 5C and Line 6C.			$ 82,370,385	
8.	**2023 taxable value, adjusted for actual and potential court-ordered adjustments.** Add Line 3 and Line 7.			$ 2,164,852,694	
9.	**2023 taxable value of property in territory the unit deannexed after Jan. 1, 2023.** Enter the 2023 value of property in deannexed territory.			$ 0	
10.	**2023 taxable value lost because property first qualified for an exemption in 2024.** If the taxing unit increased an original exemption, use the difference between the original exempted amount and the increased exempted amount. Do not include value lost due to freeport, goods-in-transit, or temporary disaster exemptions. Note that lowering the amount or percentage of an existing exemption in 2024 does not create a new exemption or reduce taxable value.				
	A. Absolute exemptions. Use 2023 market value:	$	8,134,208		
	B. Partial exemptions. 2024 exemption amount or 2024 percentage exemption times 2023 value:	+$	7,936,003		
	C. Value loss. Add A and B.			$ 16,070,211	

11. **2023 taxable value lost because property first qualified for agricultural appraisal (1-d or 1-d-1), timber appraisal, recreational/scenic appraisal or public access airport special in 2024.** Use only properties that qualified in 2024 for the first time; do not use properties that qualified in 2023.

A. 2023 market value:	$	0		
B. 2024 productivity or special appraised value:	-$	22,446		
C. Value loss. Subract B from A.			$	(22,446)

12. **Total adjustments for lost value.** Add Lines 9, 10C, and 11C. $ 16,047,765

13. **2023 captured value of property in a TIF.** Enter the total value of 2023 captured appraised value of property taxable by a taxing unit in a tax increment financing zone for which 2023 taxes were deposited into the tax increment fund. If the taxing unit has no captured appraised value in line 18D, enter 0. $ 147,962,769

14. **2023 total value.** Subtract Line 12 and Line 13 from Line 8. $ 2,000,842,160

15. **Adjusted 2023 total levy.**
Multiply Line 4 by Line 14 and divide by $100. $ 13,583,717.42

16. **Taxes refunded for years preceding tax year 2023.** Enter the amount of taxes refunded by the taxing unit for tax years preceding tax year 2023. Types of refunds include court decisions, Tax Code Section 25.25 (b) and (c) corrections and Tax Code Section 31.11 payment errors. Do not include refunds for tax year 2023. This line applies only to tax years preceding tax year 2023. $ 46,561.14

17. **Adjusted 2023 levy with refunds and TIF adjustment.**
Add Lines 15 and 16. $ 13,630,278.56

18. **Total 2024 taxable value on the 2024 certified appraisal roll today.**
This value includes only certified values or certified estimate of values and includes the total taxable value of homesteads with tax ceilings (will deduct in Line 20). These homesteads include homeowners age 65 or older or disabled.

A. Certified values:	$	2,265,459,419		
B. Counties: Include railroad rolling stock values certified by the Comptroller's office.	+$	0		
C. Pollution control and energy storage system exemption: Deduct the value of property exempted for the current tax year for the first time as pollution control or energy storage system property	-$	2,711,852		
D. Tax increment financing: Deduct the 2024 captured appraised value of property taxable by a taxing unit in a tax increment zone for which the 2024 taxes will be deposited into the tax increment fund. Do not include any new property value that will be included in Line 23 below.	-$	143,464,903		
E. Total 2024 value. Add A and B, then subtract C and D.			$	2,119,282,664

19. **Total value of properties under protest or not included on certified appraisal roll.**

A. 2024 taxable value of properties under protest. The chief appraiser certified a list of properties still under ARB protest. The list shows the district's value and the taxpayer's claimed value, if any, or an estimate of the value if the taxpayer wins. For each of the properties under protest, use the lowest of these values.

Enter the total value under protest. $ 136,814,892

B. 2024 value of properties not under protest or included on certified appraisal roll. The chief appraiser gives taxing units a list of those taxable properties that the chief appraiser knows about but are not included in the appraisal roll certification. These properties are also not on the list of properties that are still under protest. On this list of properties, the chief appraiser includes the market value, appraised value, and exemptions for the preceding year and a reasonable estimate of the market value, appraised value, and exemptions for the current year. Use the lower market, appraised, or taxable value (as appropriate).

Enter the total value not on the certified roll. +$ 0.00

C. Total value under protest or not certified. Add A and B. $ 136,814,892

20. **2024 tax ceilings.** $ 0

21. **2024 total taxable value.**
Add Lines 18E and 19C. Subtract Line 20. $ 2,256,097,556

22. **Total 2024 taxable value of properties in territory annexed after Jan. 1, 2023.**
Include both real and personal property. Enter the 2024 value of property in territory annexed. $ 0

23. **Total 2024 taxable value of new improvements and new personal property located in new improvements.** New means the item was not on the appraisal roll in 2023. An improvement is a building, structure, fixture, or fence erected on or affixed to land. New additions to existing improvements may be included if the appraised value can be determined. New personal property in a new improvement must have been brought into the taxing unit after Jan. 1, 2023 and be located in a new improvement. New improvements do include property on which a tax abatement agreement has expired for 2024. $ 214,746,445

24. **Total adjustments to the 2024 taxable value.**
Add Lines 22 and 23. $ 214,746,445

25. **Adjusted 2024 taxable value.**
Subtract Line 24 from Line 21. $ 2,041,351,111

26. **2024 NNR tax rate.**
Divide Line 17 by Line 25 and multiply by $100. $ 0.6677 /$100

27. **COUNTIES ONLY.** Add together the NNR tax rates for each type of tax the county levies. The total is the 2024 county NNR tax rate. $ N/A

28. **2023 M&O tax rate.** $ 0.4802 /$100

29. **2023 taxable value, adjusted for actual and potential court-ordered adjustments.**
Enter the amount in Line 8 of the NNR Tax Rate Worksheet. $ 2,164,852,694

30. **Total 2023 M&O levy.** Multiply Line 28 by Line 29, and divide by $100. $ 10,395,622.64

31. **Adjusted 2023 levy for calculating NNR M&O rate.**

A. M&O taxes refunded for years preceding tax year 2023. Enter the amount of M&O taxes refunded in the preceding year for taxes before that year. Types of refunds include court decisions, Tax Code Section 25.25(b) and (c) corrections, and Tax Code 31.11 payment errors. Do not include refunds for tax year 2023. This line only applies to tax years preceding tax year 2023.
+$ 32,933.66

B. 2023 taxes in TIF. Enter the amount of taxes paid into the tax increment fund for a reinvestment zone as agreed by the taxing unit. If the taxing unit has no 2024 captured appraised value in Line 18D, enter 0.
-$ 307,728.32

C. 2023 transferred function. If discontinuing all of a department, function or activity and transferring it to another taxing unit by written contract, enter the amount spent by the taxing unit discontinuing the function in the 12 months preceding the month of this calculation. If the taxing unit did not operate this function for this 12-month period, use the amount spent in the last full fiscal year in which the taxing unit operated the function. The taxing unit discontinuing the function will subtract this amount in D below. Other taxing units, enter 0.
+/-$ 0.00

D. 2023 M&O levy adjustements. Subtract B from A. For a taxing unit with C, subtract if discontinuing function and add if receiving function.
$ (274,794.66)

E. Add Line 30 to Line 31D. $ 10,120,827.97

32. **Adjusted 2024 taxable value.**
Enter the amount in Line 25 of the NNR Tax Rate Worksheet. $ 2,041,351,111

33. **2024 NNR M&O rate (unadjusted).**
Divide Line 31E by Line 32 and multiply by $100. $ 0.4957 /$100

34. **Rate adjustment for state criminal justice mandate.**

A. 2024 state criminal justice mandate. Enter the amount spent by a county in the previous 12 months providing for the maintenance and operation cost of keeping inmates in county-paid facilities after they have been sentenced. Do not include any state reimbursement received by the county for the same purpose.
$ 0.00

B. 2023 state criminal justice mandate. Enter the amount spent by a county in the 12 months prior to the previous 12 months providing for the maintenance and operation cost of keeping inmates in county-paid facilities after they have been sentenced. Do not include any state reimbursement received by the county for the same purpose. Enter zero if this is the first time the mandate applies.
-$ 0.00

C. Subtract B from A and divide by Line 32, and multiply by $100.
$ 0.0000

D. Enter the rate calculated in C. If not applicable, enter 0. $ 0.0000 /$100

35. **Rate adjustment for indigent health care expenditures.**

A. 2024 indigent health care expenditures. Enter the amount paid by a taxing unit providing for the maintenance and operation cost of providing indigent health care for the period beginning on July 1, 2023 and ending on June 30, 2024, less any state assistance received for the same purpose.

$ 0.00

B. 2023 indigent health care expenditures. Enter the amount paid by a taxing unit providing for the maintenance and operation cost of providing indigent health care for the period beginning on July 1, 2020 and ending on June 30, 2023, less any state assistance received for the same purpose.

$ 0.00

C. Subtract B from A and divide by Line 32, and multiply by $100.

$ 0.0000

D. Enter the rate calculated in C. If not applicable, enter 0. $ 0.0000 /$100

36. **Rate adjustment for county indigent defense compenstation.**

A. 2024 indigent defense compensation expenditures. Enter the amount paid by a county to provide appointed counsel for indigent individuals for the period beginning on July 1, 2023 and ending on June 30, 2024, less any state grants received by the county for the same purpose.

$ 0.00

B. 2023 indigent defense compensation expenditures. Enter the amount paid by a county to provide appointed counsel for indigent individuals for the period beginning on July 1, 2020 and ending on June 30, 2023, less any state grants received by the county for the same purpose.

$ 0.00

C. Subtract B from A and divide by Line 32, and multiply by $100.

$ 0.0000

D. Multiply B by 0.05 and divide by Line 32 and muliply $100.

$ 0.0000

E. Enter the lesser of C and D. If not applicable, enter 0. $ 0.0000 /$100

37. **Rate adjustment for county hospital expenditures.**

A. 2024 eligible county hospital expenditures. Enter the amount paid by the county or municipality to maintain and operate an eligible county hospital for the period beginning on July 1, 2023 and ending on June 30, 2024.

$ 0.00

B. 2023 eligible county hospital expenditures. Enter the amount paid by the county or municipality to maintain and operate an eligible county hospital for the period beginning on July 1, 2020 and ending on June 30, 2023.

$ 0.00

C. Subtract B from A and divide by Line 32 and multiply by $100.

$ 0.0000

D. Multiply B by 0.08 and divide by Line 32 and multipy by $100.

$ 0.0000

E. Enter the lesser of C and D. If not applicable, enter 0. $ 0.0000 /$100

38. **Rate adjustment for defunding municipality.** This adjustment only applies to a municipality that is considered to be a defunding municipality for the current tax year under Chapter 109, Local Government Code, which only applies to municipalities with a population of more than 250,000 and includes a written determination by the Office of the Governor. See Tax Code 26.0444 for more information.

A. Amount appropriated for public safety in 2023. Enter the amount of money appropriated for public safety in the budget adopted by the municipality for the preceding fiscal year

$ 0.00

B. Expenditures for public safety in 2023. Enter the amount of money spent by the municipality for public safety during the preceding fiscal year.

$ 0.00

C. Subtract B from A and divide by Line 32 and multiply by $100.

$ 0.0000

D. Enter the rate calculated in C. If not applicable, enter 0. $ 0.0000 /$100

39. **Adjusted 2024 NNR M&O rate.**
Add Lines 33, 34D, 35D, 36E, and 37E. Subtract Line 38D. $ 0.4957

40. **Adjustment for 2023 sales tax specifically to reduce property taxes.** Cities, counties, and hospital districts that collected and spent additional sales tax on M&O expenses in 2023 should complete this line. These entities will deduct the sales tax gain rate for 2024 in Section 3. Other taxing units, enter zero.

A. Enter the amount of additional sales tax collected and spent on M&O expenses in 2023, if any. Counties must exclude any amount that was spent for economic development grants from the amount of sales tax spent.

$ 0.00

B. Divide Line 40A by Line 32 and multiply by $100 $ 0.0000 /$100

C. Add Line 40B to Line 39. $ 0.4957 /$100

41. **2024 voter-approval M&O rate.**
Enter the rate as calculated by the appropriate scenario below:

Special Taxing Unit. If the taxing unit qualifies as a special taxing unit, multiply Line 40C by 1.08.
-or-
Other Taxing Unit. If the taxing unit does not qualify as a special taxing unit, multiply Line 40C by 1.035
-or-
D41. Disaster Line 41: 2024 voter-approval M&O rate for a taxing unit affected by disaster declaration. If the taxing unit is located in an area declared a disaster area and at least on person is granted an exemption under Tax Code Section 11.35 for a property located in the taxing unit, the governing body may direct the person calculating the voter-approval rate to calculate in the manner provided for a special taxing unit. The taxing unit shall continue to calculate the voter-approval rate in this manner until the earlier of
1) the first year in which total taxable value on the certified appraisal roll exceeds the total taxable value of the tax year in which the disaster occurred, or
2) the third year after the tax year in which the disaster occurred.
If the taxing unit qualifies under this scenario, multiply Line 40C by 1.08. If the taxing unit does no qualify, do not complete Disaster Line 41 (Line D41). $ 0.5130 /$100

42. **Total 2024 debt to be paid with property taxes and additional sales tax revenue.**
Debt means the interest and principal that will be paid on debts that:
(1) are paid by property taxes,
(2) are secured by property taxes,
(3) are scheduled for payment over a period longer than one year, and
(4) are not classified in the unit's budget as M&O expenses.

A. Debt also includes contractutal payments to other taxing units that have incurred debt on behalf of this taxing unit, if those debts meet the four conditions above. Include only amounts that will be paid from property tax revenue. Do not include appraisal district budget payments. If the governing body of a taxing unit authorized or agreed to authorize a bond, warrant, certificate of obligation, or other evidence of indebtedness on or after Sept. 1, 2024, verify if it meets the amended definition of debt before including it here.

Enter debt amount. $ 7,580,233.69

B. Subtract **unencumbered fund amount** used to reduce total debt.
-$ 0.00 $

C. Subtract **certified amount spent from sales tax to reduce debt** (enter 0 if none).
-$ 0.00

D. Subtract **amount paid** from other resources.
$ 0.00

E. Adjusted debt. Subtract B, C, and D from A. $ 7,580,233.69

43. **Certified 2023 excess debt collections.**
Enter the amount certified by the collector. $ 0.00

44. **Adjusted 2024 debt.** Subtract Line 43 from Line 42E. $ 7,580,233.69

45. **2024 anticipated collection rate.**

A. Enter the 2024 anticipated collection rate certified by the collector. 100.00%

B. Enter the 2023 actual collection rate. 99%

C. Enter the 2022 actual collection rate. 100%

D. Enter the 2021 actual collection rate. 100%

E. If the anticipated collection rate is lower than the actual collection rates in B, C, and D, enter the lowest rate from B, C, and D. If the anticipated rate in A is higher than at least one of the rates in the prior three years, enter the rate from A. Not the rate can be greater than 100%. 100%

46. **2024 debt adjusted for collections.**
Divide Line 44 by Line 45E. $ 7,580,233.69

47. **2024 total taxable value.**
Enter the amount on Line 21 on the NNR Tax Rate Worksheet. $ 2,256,097,556

48. **2024 debt tax rate.** Divide Line 46 by Line 47 and multiply by $100. $ 0.3359 /$100

49. **2024 voter-approval tax rate.** Add Lines 41 and 48.
-or-
D49. Disaster Line 49: 2024 voter-approval tax rate for taxing unit affected by disaster declaration. Complete this line if the taxing unit calculated the voter-approval tax rate in the manner provided for a special taxing unit on Line D41.
$ 0.8489 /$100

50. **COUNTIES ONLY.** Add together the voter-approval tax rates for each type of tax the county levies. The total is the 2024 county voter-approval tax rate. $ N/A

City of Manor

2024
ADDITIONAL SALES TAX WORKSHEET

51. **Taxable sales.** For taxing units that adopted the sales tax in November 2023 or May 2024, enter the Comptroller's estimate of taxable sales for the previous four quarters. Estimates of taxable sales may be obtained through the Comptroller's Allocation Historical Summary webpage. Taxing units that adopted the sales tax before Nov 2023, skip this line.	$		
52. **Estimated sales tax revenue.** Counties exclude any amount that is or will be spent for economic development grants from the amount of estimated sales tax revenue.			
UNITS THAT ADOPTED THE SALES TAX IN NOVEMBER OR MAY 2024. Multiply the amount on Line 51 by the sales tax rate (.01, .005, or .0025, as applicable) and multiply the result by .95.			
- OR-			
UNITS THAT ADOPTED THE SALES TAX BEFORE NOVEMBER 2023. Enter the sales tax revenue for the previous four quarters. Do NOT multiply by .95.	$	0.00	
53. **2024 total taxable value.** Enter the amount from Line 21 of the NNR Tax Rate Worksheet.	$	2,256,097,556	
54. **Sales tax adjustment rate.** Divide Line 52 by Line 53 and multiply by $100.	$	0.0000	/$100
55. **2024 NNR tax rate, unadjusted for sales tax.** Enter the rate from Line 26 or 27, as applicable, on the NNR Tax Rate Worksheet.	$	0.6677	/$100
56. **2024 NNR tax rate, adjusted for sales tax.** Units that adopted the sales tax in November 2023 or in May 2024: Subtract Line 54 from Line 55. Skip to Line 57 if you adopted the additional sales tax before Nov 2023.	$	0.6677	/$100
57. **2024 voter-approval tax rate, unadjusted for sales tax.** Enter the rate from Line 49, Line D49 (disaster) or Line 50, as applicable, on the NNR Tax Rate Worksheet.	$	0.8489	/$100
58. **2024 voter-approval tax rate, adjusted for sales tax.** Subtract Line 54 from Line 57.	$	0.8489	/$100

City of Manor

2024
VOTER-APPROVAL RATE ADJUSTMENT FOR FOR POLLUTION CONTROL

59. **Certified expenses from TCEQ.** Enter the amount certified in the determination letter from TCEQ. The taxing unit shall provide its tax assessor-collector with a copy of the letter.	$	0.00	
60. **2024 total taxable value.** Enter the amount from Line 21 of the NNR Tax Rate Worksheet.	$	2,256,097,556	
61. **Additional rate for pollution control.** Divide Line 59 by Line 60 and multiply by $100.	$	0.0000	/$100
62. **2024 voter-approval tax rate, adjusted for pollution control.** Add Line 61 to one of the following lines (as applicable): Line 49, Line D49 (disaster), Line 50 (counties), or Line 58 (taxing units with the additional sales tax).	$	0.8489	/$100

63. **Year 3 Forgone Revenue Amount.** Subtract the 2023 unused increment rate and 2023 actual tax rate from the 2023 voter-approval tax rate. Multiply the result by the 2023 current total value.

A. Voter-approval tax rate, adjusted for unused increment rate (Line 67).	0.6711		
B. Unused increment rate (Line 66).	0.0000		
C. Subtract B from A.	0.6711		
D. Adopted Tax Rate.	0.6789		
E. Subtract D from C.	(0.0078)		
F. 2023 Total Taxabe Value (Line 60).	2,101,439,419		
G. Multiply E by F and divide the results by $100		$	0

64. **Year 2 Forgone Revenue Amount.** Subtract the 2022 unused increment rate and 2022 actual tax rate from the 2022 voter-approval tax rate. Multiply the result by the 2022 current total value.

A. Voter-approval tax rate, adjusted for unused increment rate (Line 67).	0.7355		
B. Unused increment rate (Line 66).	0.0000		
C. Subtract B from A.	0.7355		
D. Adopted Tax Rate.	0.7470		
E. Subtract D from C.	(0.0115)		
F. 2022 Total Taxabe Value (Line 60).	1,754,276,050		
G. Multiply E by F and divide the results by $100		$	0

65. **Year 1 Forgone Revenue Amount.** Subtract the 2021 unused increment rate and 2021 actual tax rate from the 2021 voter-approval tax rate. Multiply the result by the 2021 current total value.

A. Voter-approval tax rate, adjusted for unused increment rate (Line 67).	0.7667		
B. Unused increment rate (Line 66).	0.0054		
C. Subtract B from A.	0.7613		
D. Adopted Tax Rate.	0.7827		
E. Subtract D from C.	(0.0214)		
F. 2022 Total Taxabe Value (Line 60).	1,217,505,804		
G. Multiply E by F and divide the results by $100		$	0

66. **Total Foregone Revenue Amount.** Add Lines 63G, 64G, and 65G. $ 0

67. **2024 unused increment rate.** Divide Line 66 by Line 21 of the NNR Worksheet. Multiply the result by 100. $ 0.0000 /$100

68. **2024 voter-approval tax rate, adjusted for unused increment rate.** Add Line 67 to one of the following lines (as applicable): Line 49, Line D49 (disaster), Line 50 (counties), Line 58 (taxing units with the additional sales tax) or Line 62 (taxing units

with pollution control). $ 0.8489 /$100

City of Manor

2024
DE MINIMIS RATE

**THIS SECTION SHOULD ONLY BE COMPLETED BY A TAXING UNIT THAT IS A MUNICIPALITY OF LESS TH TAXING UNIT THAT DOES NOT MEET THE DEFINITION OF A SPECIAL TAXING UNIT. (Texas Tax Code Sectio

69. **Adjusted 2024 NNR M&O tax rate.**
Enter the rate from Line 39 of the Voter-Approval Tax Rate Worksheet. $ 0.4957 /$100

70. **2024 total taxable value.**
Enter the amount on Line 21 of the NNR Tax Rate Worksheet. $ 2,256,097,556

71. **Rate necessary to impose $500,000 in taxes.**
Divide $500,000 by Line 70 and multiply by $100. $ 0.0221 /$100

72. **2024 debt rate.**
Enter the rate from Line 48 of the Voter-Approval Tax Rate Worksheet. $ 0.3359 /$100

73. **De minimus rate.** Add Lines 69, 71, and 72. $ 0.8537 /$100

City of Manor

2024
TOTAL TAX RATE

No-new-revenue tax rate
As applicable, enter the 2024 NNR tax rate from: Line 26, Line 27 (counties), or Line 56 (adjusted for sales tax). $ 0.6677 /$100

Voter-approval tax rate.
As applicable, enter the 2024 voter-approval tax rate from: Line 49, Line D49 (disaster) Line 50 (counties), Line 58 (adjusted for sales tax), Line 62 (adjusted for pollution control), or Line 68 (adjusted for unused increment). $ 0.8489 /$100

De minimis rate
If applicable, enter the de minim rate from Line 73. $ 0.8537 /$100

NOTICE OFTAX RATE, ESTIMATED UNENCUMBERED FUND BALANCES, AND DEBT SERVICE

I, Bruce Elfant, Tax Assessor-Collector for Travis County, in accordance with Sec. 26.04, Texas Property Tax Code, provide this notice on 2024 property tax rates for your jurisdiction. This notice presents incformation about two tax rates. The No-New-Revnue tax rate would impose the same amount of taxes as last year if you compare the propertie taxed in both years. The Voter-Approval tax rate is the highest tax rate a taxing unit can adopt without holding an election. In each case, these rates are calculated by dividing the total amount of taxes by the current taxable value with adjustments as they are required by state law. The rates are given per $100 of property value.

THIS YEAR'S NO-NEW-REVENUE TAX RATE:

	Last year's adjusted taxes (after subtracting taxes on lost property).....	$	13,630,278.56	
/	This year's adjusted tax base (after subtracting value of new property).....	$	2,041,351,111	
=	This year's no-new-revenue tax rate.....	$	0.6677	/$100

THIS YEAR'S VOTER-APPROVAL TAX RATE:

	Last year's adjusted operating taxes (after subtracting taxes on lost property and adjusting for any transferred function, tax increment financing, state criminal justice mandate, and/or enhanced indigent health care expenditures)……	$	10,120,827.97	
/	This year's adjusted tax base.....	$	2,041,351,111	
=	This year's no-new-revenue operating rate….....	$	0.0000	/$100
x	1.035 = This year's maximum operating rate.....	$	0.0000	/$100
+	This year's debt rate.....	$	0.3359	/$100
=	This year's voter-approval rate….....	$	0.8489	/$100

Schedule A: Unencumbered Fund Balances:

The following estimated balances will be left in the unit's property tax accounts at the end of the fiscal year. These balances are not encumbered by a corresponding debt obligation.

Maintenance & Operations	$	0
Interest & Sinking (Debt)	$	0
Total	$	0

Schedule B, 2024 Debt Service, Parts 1 and 2, are attached

_____ Prepared By: _____

Bruce Elfant
Travis County Tax Assessor-Collector

Christina Cerda

Schedule B, 2024 Debt Service, Part 2 July 25, 2024

	Total Required for 2024 Debt Service.....…….....	$	7,580,233.69
-	Amount (if any) paid from funds listed in Schedule A..……....	$	0.00
-	Amount (if any) paid from other resources.....…….....	$	0.00
-	Excess collections last year.....…….....	$	0.00
=	Total to be paid from taxes in 2024.....…….....	$	7,580,233.69
+	Amount added in anticipation that the unit will collect only 100.00% of its taxes in 2024..……....	$	0.00
=	Total Debt Levy.....	$	0.00

Schedule B, 2024 Debt Services, Part 1 July 25, 2024

DESCRIPTION	PRINCIPAL	INTEREST	OTHER	TOTALS
2012 GO Bond	60,000.00	3,187.50	150.00	63,337.50
2012 CO Bond	140,000.00	10,582.50	0.00	150,582.50
2015 GO Bond	500,000.00	35,380.50	0.00	535,380.50
2016 CO Bond	1,170,000.00	275,945.00	635.00	1,446,580.00
2021 CO Bond	390,000.00	91,784.00	0.00	481,784.00
2022 Tax Note	1,380,000.00	217,552.50	0.00	1,597,552.50
2023 CO Bond	500,000.00	1,812,250.00	0.00	2,312,250.00
2024 GO Bond	0.00	992,766.69	0.00	992,766.69
TOTALS	**4,140,000.00**	**3,439,448.69**	**785.00**	**7,580,233.69**

	Manor Heights TIRZ	Total
2023 Taxes in Tax Increment Fund	307,728.32	307,728.32
2023 Value	148,489,724	148,489,724
2023 Captured Appraised Value	147,962,769	147,962,769
TIRZ Base Value	526,955	526,955
2024 Value	222,653,614	222,653,614
New Construction Value	78,661,756	78,661,756
2024 Captured Appraised Value	143,464,903	143,464,903

WASTEWATER MASTER PLAN

CITY OF MANOR, TEXAS

Final Report

JUNE 2024

MANOR
EST. TEXAS 1872

GBA

GBA PN 15320

TBPE Firm No. 4242
9601 Amberglen Blvd, Ste. 109
Austin, TX 78729
www.gbateam.com

City of Manor, Texas

Wastewater Master Plan

June 2024

Prepared for:

City of Manor, Texas

Prepared by:

GBA
TBPE Firm No. 4242
9601 Amberglen Blvd, Ste. 109
Austin, TX 78729

PN: 15320

Table of Contents

List of Tables:

List of Figures:

List of Appendices

Acronyms and Abbreviations

ADDF	Average Daily Dry-Weather Flow
CCI	Construction Cost Index
CCN	Certificate of Convenience and Necessity
CCTV	Closed-Circuit Television
CIF	Community Impact Fee
CIP	Capital Improvement Plan
CIPP	Cured-in-Place Pipe
CIWEM	Chartered Institution of Water and Environmental Management
CNO	Could Not Open
CNL	Could Not Locate
ENR	Engineering News-Record
EPA	United States Environmental Protection Agency
ETJ	Extraterritorial Jurisdiction
FM	Farm-To-Market Road, Flow Meter, or Force Main (depending on context)
fps	Feet Per Second
I/I	Inflow and Infiltration
GIS	Geographic Information System
LF	Linear Feet
LS	Lift Station
LUE	Living Unit Equivalent
MG	Million Gallons
MGD	Million Gallons Per Day
MUD	Municipal Utility District
O&M	Operations & Maintenance
OPCC	Opinion of Probable Construction Cost
PCSWMM	Modeling Software running EPA's Storm Water Management Model (SWMM)
PDWF	Peak Dry Weather Flow
PVC	Polyvinyl Chloride
PWWF	Peak Wet Weather Flow
RDII	Rainfall Dependent Inflow and Infiltration
ROW	Right-of-Way
SRTC	Sensitivity-Based Radio Tuning Calibration
TCEQ	Texas Commission on Environmental Quality
UCM	Austin Utilities Criteria Manual
WWTP	Wastewater Treatment Plant

0 EXECUTIVE SUMMARY

The City of Manor (City) retained GBA to prepare a Wastewater Master Plan for the next 15-year period. The purpose of this plan is to guide the City towards a wastewater system that supports and serves the City's evolving needs and continued growth. Goals completed as part of this plan include the following:

- Collected manhole data in the field for sewers 12 inches or greater to develop the hydraulic model network and collect asset information.
- Developed growth areas and projected wastewater flows using the City-provided annual population growth rate of 7%.
- Established planning-level design criteria for existing and future infrastructure.
- Developed and calibrated a hydraulic model of the existing collection system in PCSWMM calibrated to 2022 flow monitoring data.
- Conducted model simulations for existing conditions, 5-year growth conditions, and 15-year growth conditions to identify necessary improvements to meet established design criteria.
- Conceptualized sewer extensions to accommodate growth in the future service areas and developed estimated costs.
- Developed a list of projects to address existing and future wastewater infrastructure needs, along with estimated costs, for present day, 5-year, and 15-year growth conditions.

A 5-year, 6-hour design storm event was utilized in the calibrated, hydraulic model to estimate peak wet weather flows in the existing wastewater collection system. This design storm method was selected based on established practices in modeling by the City of Austin and other nearby municipalities, and to provide a balance of conservatism and practicality when estimating inflow and infiltration (I/I) in the existing system. Design criteria from the Austin Utility Criteria Manual (UCM) was used to estimate design flows for extension projects that would extend City sewer service beyond current service limits.

The hydraulic model developed for this plan was calibrated to Fall 2022 flow monitoring data, which demonstrated excessive levels of inflow and infiltration (I/I) in the City's existing sewer system. To address condition and capacity concerns in the existing sewers, the City is currently engaged in I/I mitigation efforts. It is important to note that these I/I mitigation efforts have the potential to reduce peak wet weather flows in the existing system, but I/I mitigation should not be solely relied upon for solving capacity issues. If peak wet weather flows are reduced, then relief or upsizing projects may be delayed or avoided. However, the degree of I/I reduction that can be achieved is not certain. To determine if a relief project can be delayed or avoided, targeted post-rehabilitation flow monitoring will be required to confirm actual flow conditions after I/I reduction projects have been implemented.

If the city can mitigate inflow and infiltration (I/I), it may alleviate capacity concerns within the current system. However, the model simulations identified three project areas that are not currently sized to adequately convey peak flows during 5-year, 6-hour design storm conditions. These three projects are the Llano Street and Lampasas Street Interceptor, Pyrite Road Interceptor, and US-290 Interceptor. There are additional areas within the existing sewer system that will need relief or upsizing by the 15-year time horizon, including both existing Cottonwood Creek interceptors.

Regarding treatment facilities, the establishment of the East Travis Regional Wastewater Treatment Plant (WWTP) by the 15-year time horizon is imperative to serve the growth anticipated in East Manor. In addition, the Cottonwood Creek WWTP will need to be expanded to Phase 3 (0.6 MGD) by the 5-year time horizon, with its future operation dependent upon the phasing and capacity needs at the East Travis Regional WWTP. Similarly, the Wilbarger WWTP will require expansion to a minimum of 2.0 MGD by the 5-year time horizon.

Once the East Travis Regional WWTP is built, it is recommended to decommission existing lift stations 6 (Stonewater), 8 (Presidential Glen Ph. 4B), and 9 (Presidential Heights), rerouting these lift stations' flows via gravity sewer to the proposed regional plant. Decommissioning these lift stations would reduce capacity risks along the existing FM973 and US-290 interceptors, eliminate operations and maintenance (O&M) costs for these lift stations, and reduce capacity needs at Wilbarger WWTP. This could assist in delaying expansion of Wilbarger WWTP beyond 2.0 MGD. Eliminating these lift stations would also improve wastewater quality and reduce risk of H_2S production by eliminating hydraulic detention time in lift station wet wells and force mains.

Manor is growing rapidly and is expected to continue growing over the next 15 years. A majority of this growth is expected to occur in the eastern portions of the City and Travis County. Manor's wastewater system is currently comprised of approximately 335,000 feet of gravity sewer main, 1,370 manholes, 38,000 feet of force main, 13 lift stations, and 2 wastewater treatment plants. To provide wastewater service in the growing eastern region, a network of additional extension interceptors, lift stations, and force main will be required to collect and convey flows to the treatment plants. These extension projects have been conceptualized and summarized for this report.

A summary of recommended projects at each time horizon is presented in Table 0-1. A complete list of identified projects is presented in Table 0-2 and a map of all projects is presented in Figure 0-1. For a more detailed summary of identified projects, please refer to Section 7.

Table 0-1: Summary of Recommended Projects

Projects / Time Horizon	Gravity Sewer			Lift Stations & Force Main			
	I/I Mitigation	**Relief and Upsizing**	**Extensions for Growth**	**Lift Stations, Force Main**	**Decommission Lift Stations**	**Treatment Capacity**	**Capital Costs ($M)**
Present Day	Continue	3 Projects, 7,000 LF	-	-	-	-	$9M Relief/Upsizing, $11M I/I Mitigation (spread out over 15 yrs)
5-year	Continue	-	1 Project, 6,600 LF	1 New LS, 3,800 LF FM	-	Expand Cottonwood & Wilbarger	$10M Extensions (Gravity, LS, FM) $31M Treatment
15-year	Continue	4 Projects, 16,000 LF	16 Projects, 83,600 LF	2 New LS, 7,100 LF FM	Decommission up to 5 LS	Regional WWTP (1.5 MGD)	$23M Relief/Upsizing $147M Extensions (Gravity, LS, FM) $58M Treatment
Total	*>40,000 LF Pipe Rehabilitated*	*7 Projects, 23,000 LF*	*17 Projects, 90,200 LF*	*3 New LS, 10,900 LF FM*	*Decommission up to 5 LS*	*Expand 2 WWTPs, Build Regional Plant*	***$289M Over 15 Years***

Table 0-2: Overall Project List

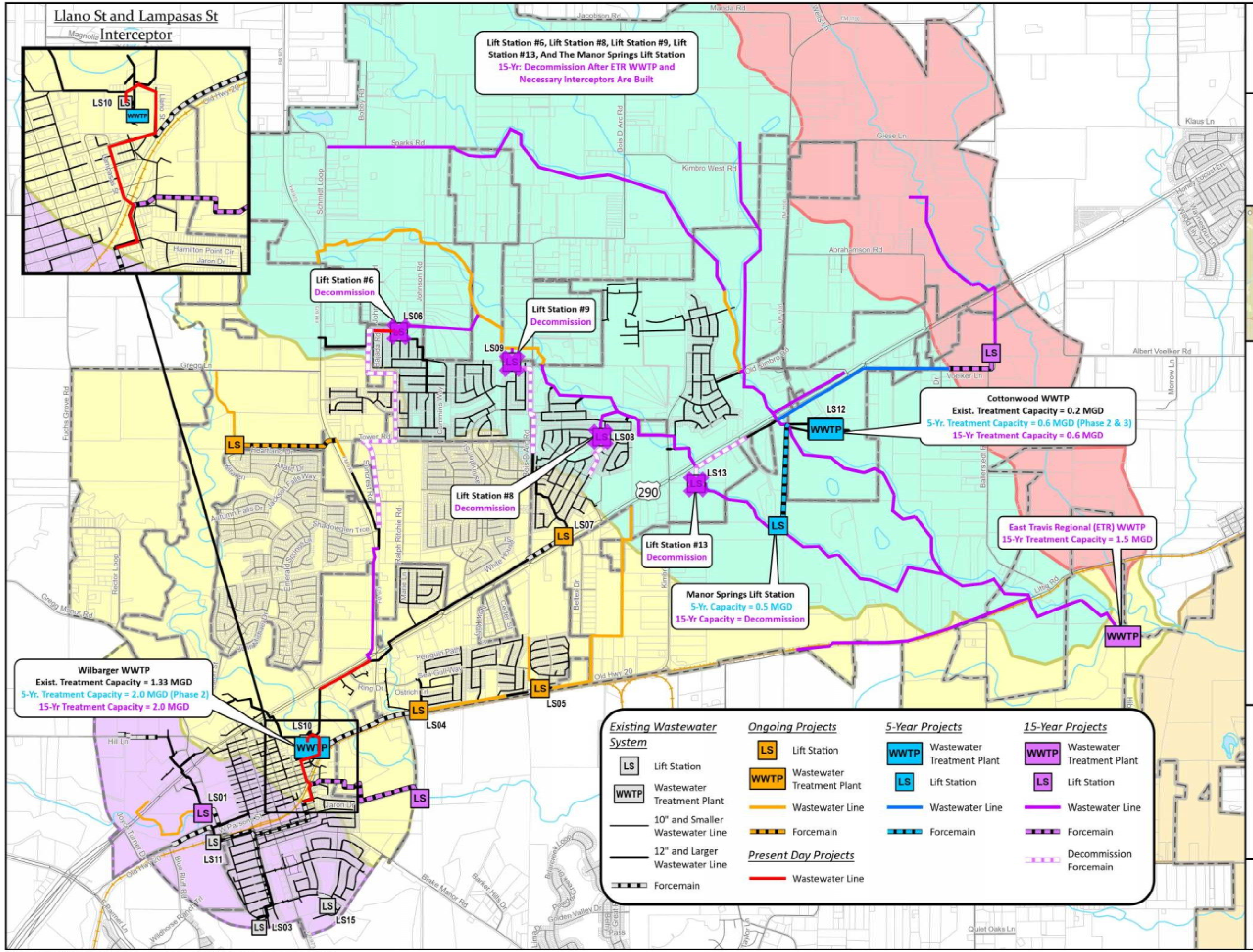
Project ID	Infrastructure Type	Time Horizon	Current CIP Project ID	Project Name	Type of Improvement	Pipe Diameter (in)[1]	Total Length of Pipe (ft)	Lift Station or WWTP Flow Rate (mgd)	Planning-Level Construction OPCC without Contingency	Capital Cost (30% Contingency, 20% Engr./Survey,)[3]
WW.00.01	Existing/Relief	Present Day	-	Llano St and Lampasas St Interceptors[2]	Exist. Gravity Relief/Upsizing	18"-36"	4,060	-	$3,405,040	$5,652,000
WW.00.02	Existing/Relief	Present Day	-	Pyrite Rd Gravity Sewer (upstream of LS06) - *I/I Mitigation Potential*	Exist. Gravity Relief/Upsizing	18"	930	-	$584,010	$911,000
WW.00.03	Existing/Relief	Present Day	CIP-4	US 290 Interceptor (Still Necessary even if LS06/08/09 are Decommissioned)	Exist. Gravity Relief/Upsizing	24"	2,030	-	$1,596,488	$2,491,000
WW.00.04	Existing/Relief	Present Day	-	Rehabilitation and I/I Mitigation in Existing Sewers	Rehabilitation	-	40,440	-	$7,279,200	$11,356,000
WW.05.01	Treatment	5-Year	S-31	Cottonwood WWTP Expansion Ph. 3 (Expansion from 0.4 to 0.6 MGD)	Exist. WWTP Expansion	-	-	0.2	$3,260,000	$5,086,000
WW.05.02	Treatment	5-Year	-	Wilbarger WWTP Expansion (Expansion from 1.33 to 2.0 MGD)	Exist. WWTP Expansion	-	-	0.67	$16,750,000	$26,130,000
WW.05.03	New/Extension	5-Year	S-36	Manor Springs Lift Station Improvements	New LS to Serve Growth	6"(F)	3,760(F)	0.5	$1,606,289	$2,506,000
WW.05.04	New/Extension	5-Year	S-23	Voelker Ln. Wastewater Improvements	New Gravity to Serve Growth	12"	6,560	-	$4,595,771	$7,169,000
WW.15.01	Treatment	15-Year	S-39/40/41	East Travis Regional WWTP	New WWTP to Serve Growth	-	-	1.5	$37,403,000	$58,349,000
WW.15.02	Existing/Relief	15-Year	Dev. Agr.	Lift Station 1 (Las Entradas) and O09-006_O09-005	Exist. LS Expansion	18"	260	-	$164,430	$257,000
WW.15.03	Existing/Relief	15-Year	S-18	West Cottonwood Creek Existing Interceptor	Exist. Gravity Relief/Upsizing	24"-27"	8,500	-	$8,236,967	$12,850,000
WW.15.04	Existing/Relief	15-Year	S-16	East Cottonwood Creek Existing Interceptor	Exist. Gravity Relief/Upsizing	27"-33"	3,070	-	$3,392,810	$5,293,000
WW.15.05	Existing/Relief	15-Year	-	FM973 Interceptor (Not Necessary if LS06 is Decommissioned)	Exist. Gravity Relief/Upsizing	18"	4,220	-	$2,658,600	$4,147,000
WW.15.06	New/Extension	15-Year	S-38	South Cottonwood Creek Wastewater Interceptor Improvements Phase 1[2]	New Gravity to Serve Growth	39"-45"	7,960	-	$15,366,210	$25,508,000
WW.15.07	New/Extension	15-Year	S-38	South Cottonwood Creek Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	36"	8,910	-	$13,811,117	$21,545,000
WW.15.08	New/Extension	15-Year	S-23	Willow Creek Wastewater and Lift Station Improvements	New Gravity/LS to Serve Growth	24"(G), 6"(F)	2,160(G/F)	0.65	$1,642,456	$2,562,000
WW.15.09	New/Extension	15-Year	-	Willow Creek West Tributary Wastewater Interceptor Improvements Phase 1	New Gravity to Serve Growth	24"	5,210	-	$5,424,105	$8,462,000
WW.15.10	New/Extension	15-Year	-	Willow Creek West Tributary Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	15"-21"	7,710	-	$6,455,271	$10,070,000
WW.15.11	New/Extension	15-Year	-	East US290 Wastewater Improvements	New Gravity to Serve Growth	15"	2,920	-	$2,219,654	$3,463,000
WW.15.12	New/Extension	15-Year	-	North Cottonwood Creek East Tributary Wastewater Interceptor Improvements	New Gravity to Serve Growth	15"-18"	8,480	-	$6,720,382	$10,484,000
WW.15.13	New/Extension	15-Year	-	South Cottonwood Creek West Tributary Wastewater Interceptor Improvements Phase 1	New Gravity to Serve Growth	27"	7,390	-	$8,791,977	$13,715,000
WW.15.14	New/Extension	15-Year	-	South Cottonwood Creek West Tributary Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	27"	3,590	-	$4,424,675	$6,902,000
WW.15.15	New/Extension	15-Year	-	Littig Rd. Wastewater Improvements[2]	New Gravity to Serve Growth	12"	8,510	-	$5,961,816	$9,897,000
WW.15.16	New/Extension	15-Year	-	North Cottonwood Creek Wastewater Interceptor Improvements Phase 1	New Gravity to Serve Growth	21"-24"	7,238	-	$7,379,755	$11,512,000
WW.15.17	New/Extension	15-Year	-	North Cottonwood Creek Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	12"-18"	10,367	-	$8,035,168	$12,535,000
WW.15.18	New/Extension	15-Year	-	South Wilbarger Creek Lift Station Improvements	New LS to Serve Growth	4"(F)	5,040(F)	0.25	$1,287,296	$2,008,000
WW.15.19	New/Extension	15-Year	-	Lift Station #6 (Stonewater) Decommissioning	New Gravity to Abandon LS	18"	3,300	-	$3,134,355	$4,890,000
WW.15.20	New/Extension	15-Year	-	Lift Station #8 (Presidential Glen Ph. 4B) Decommissioning	New Gravity to Abandon LS	12"	1,400	-	$1,281,253	$1,999,000
WW.15.21	New/Extension	15-Year	-	Lift Station #9 (Presidential Heights) Decommissioning	New Gravity to Abandon LS	12"	500	-	$650,448	$1,015,000

Notes:

1) For pipe diameters and lengths, gravity main is assumed, except where (F) indicates force main, and (G) indicates gravity main.
2) Select projects include an additional 10% contingency for railroad crossings to account for additional costs (permitting, extra boring length, etc.).
3) For new/extension projects not within the ROW or an exisitng easement, a unit cost of $87,900/acre was utilized for easement cost estimates.
The easement unit cost includes survey, easement acquisition, engineering fees, condemnation/attorney fees, and ROW agent fees.

LS06, LS08, and LS09 are recommended to be decommissioned and re-routed by gravity towards East Travis Regional WWTP once it is built. This reduces burden on Wilbarger WWTP and the FM973 interceptor, and reduces LS O&M costs.
Projects Not Included: The above list does not include Bell Farms LS upgrades (LS04), Carriage Hills LS or interceptor upgrades, Cottonwood Cr. WWTP Ph. 2 expansion to 0.4 MGD (developer-funded), or other projects currently in-progress.

Time Horizon	Capital Cost
Present Day	$ 20,410,000
5-Year	$ 40,891,000
15-Year	$ 227,463,000
Total, All Projects	**$ 288,764,000**



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1 INTRODUCTION

1.1 Purpose

The purpose of this report is to update the City of Manor's wastewater master plan, providing a guide towards a wastewater system that beneficially supports and serves the City's evolving needs and continued growth. The existing master plan was developed in 2008 and was intended to forecast wastewater collection and treatment system needs for the city within a 10-year planning period. Growth within the city over the intervening period has occurred at a much more rapid rate than previously anticipated, prompting the need to update the plan and re-project flows for a 15-year period.

This master plan evaluates the projected wastewater demands for the next 15 years and introduces alternative strategies and timelines for addressing the potential need for system capacity improvements. In addition, this report provides planning-level estimates of the probable costs for the proposed alternatives. A flow monitoring and inflow and infiltration (I/I) study was performed under a separate project which culminated in a report titled *2023 Inflow & Infiltration Investigations Project – Preliminary Engineering Report*. The flow monitoring data was collected in the Fall of 2022 for that study and was used to model and evaluate the existing system's capacities.

1.2 Scope

The scope of this wastewater master planning project encompassed field data collection, hydraulic modeling of the collection system, growth projections, and proposed infrastructure improvements to meet current and future demands. This Master Plan study and its recommendations are focused on sanitary sewer interceptors with a diameter of 12 inches or greater. The adequacy of existing sewer lines with diameters less than 12 inches will depend on the specifics of new developments that connect to them and may require analysis on a case-by-case basis. Regarding wastewater treatment, this study is focused only on treatment capacity needs and does not cover specific treatment processes or technologies.

The study began with a survey of manholes connected to sewer mains with diameters of 12 inches and greater. The manhole survey data was assembled in GIS and then used to develop a hydraulic model of the collection system using the PCSWMM software. The hydraulic model was used to evaluate both the current capacity of the existing infrastructure as well as options for system improvements. Models of the existing system and future systems for the 5 and 15-year time horizons were developed. These models were evaluated to determine infrastructure needs required to serve current and future flows. Finally, a list of proposed improvements, including anticipated timing and cost, was created based on the analysis.

A summary of major tasks completed for this report is provided below:

- Collected physical data in the field for sewers 12 inches or greater to develop the hydraulic model network and collect asset information.
- Developed a hydraulic model of the existing collection system in PCSWMM and calibrated the model to align with actual flow data gathered during the Fall 2022 flow monitoring season.

- Developed flow projections for five-year and fifteen-year time horizons based on City-provided population and land use projections.
- Performed model simulations of the existing conditions, five-year growth conditions, and fifteen-year growth conditions to identify needed sewer system improvements.
- Selected design criteria consistent with current, local design requirements to be used for planning-level sizing and costing of improvements.
- Developed conceptual projects to serve new growth outside of the existing system with extension sewers, lift stations, and force main.
- Developed a comprehensive report detailing the work completed, analyses, and recommended improvements for the City's sanitary sewer system.

2 PLANNING INFORMATION, DATA COLLECTION AND ASSUMPTIONS

2.1 Wastewater Service Area

The City of Manor is in the eastern part of Travis County, Texas, along U.S. Highway 290. The City of Manor's existing wastewater service area is limited to its current Certificate of Convenience and Necessity (CCN) boundaries, which generally includes areas within City limits, approximately 10 square miles, and portions of its Extra-Territorial Jurisdiction (ETJ), encompassing approximately 20 square miles. Manor's wastewater system is currently comprised of approximately 335,000 feet of gravity sewer main, 1,370 manholes, 38,000 feet of force main, 13 lift stations, and 2 wastewater treatment plants. Figure 2-1 provides a map of Manor's existing wastewater system.

The extent of this report's study area generally follows Manor's extra-territorial jurisdiction (ETJ), as shown in Figure 2-1. The approximately 30 square mile study area includes portions of the Gilleland Creek Basin, Upper Wilbarger Creek Basin, Cottonwood Creek Basin, and Willow Creek Basin. The existing wastewater service area is served by the City's Wilbarger Wastewater Treatment Plant (WWTP) and the City's Cottonwood Creek WWTP. The Wilbarger WWTP serves portions of the Gilleland Creek Basin, Upper Wilbarger Creek Basin, and Cottonwood Creek Basin (namely Lift Stations 6, 8, and 9), while the Cottonwood Creek WWTP serves only the Cottonwood Creek Basin currently.

Most of the wastewater generated in the service area is currently treated at the Wilbarger WWTP, located on Llano Street off of Old Highway 20 on the southwestern side of the City. In 2020, the Wilbarger WWTP was expanded from 0.5 MGD to 1.33 MGD, which included a new onsite lift station (LS10), a new public works building, and provisions for future expansion up to 2.0 MGD. The Wilbarger WWTP is critical to maintaining wastewater service in the western portion of the City, particularly as rapid growth occurs in and around Manor.

The Cottonwood Creek Basin (approximately north and east of Paseo De Presidente Boulevard and Tower Road) is primarily served by the Cottonwood Creek WWTP, which is currently permitted for an average annual discharge of 0.2 MGD. The existing permit allows for permitted capacities of 0.2, 0.4, and 0.5 MGD, but amended phasing of 0.2, 0.4, 0.6 and 0.8 MGD capacities have been applied for at the Texas Commission on Environmental Quality (TCEQ), and a draft permit has been issued. Presently, Phase 2 expansion of the Cottonwood Creek WWTP is fully designed and set to begin upon confirmation that flows have reached a level appropriate to trigger the expansion. Phase 2 expansion will increase the Cottonwood Creek WWTP's capacity to 0.4 MGD. Other phases of expansion are planned for Cottonwood Creek WWTP (0.6 MGD at Phase 3, 0.8 MGD at Phase 4), and the timing and necessity of these phases is explored in Section 6 of this report.

MANOR
EST. TEXAS 1872

City of Manor
Travis County, TX

FIGURE 2-1: EXISTING WASTEWATER SYSTEM

Wastewater Basins

- Cottonwood Creek
- Gilleland Creek
- Lower Wilbarger Creek
- Upper Wilbarger Creek
- Willow Creek

Legend

- LS — Lift Station
- WWTP — Wastewater Treatment Plant
- 10" and Smaller Wastewater Line
- 12" and Larger Wastewater Line
- Forcemain
- Road
- Railroad
- Creek/Stream/River
- Lake
- Manor City Limits
- Manor ETJ

N

0 0.5 1

Miles

Date: 5/2/2024

GBA

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2.2 Municipal Utility Districts

A Municipal Utility District (MUD) is a special district that functions as an independent, limited government. MUDs provide developers an alternate way to finance infrastructure, such as water, sewer, drainage, and road facilities. There are MUDs directly adjacent to or encapsulated by Manor's city limits that have residents that are excluded from Manor's population numbers and wastewater service. The MUDs that comprise the ShadowGlen (Wilbarger Creek MUD #1 and #2 and Travis County MUD #2) and Presidential Meadows (Cottonwood Creek MUD #1) developments have an estimated combined total of nearly 4,000 single and multi-family units and a population of over 13,000. The Metro H2O WWTP is owned and operated by the MUDs and serves the MUDs wastewater treatment needs. These MUDs have been able to send flow to Manor's wastewater system only during agreed upon emergency circumstances through a system interconnect.

Prior to and during the Fall 2022 flow monitoring period (August to December 2022), the Wilbarger WWTP received flow from the ShadowGlen and Presidential Meadows MUDs because the WWTP that would typically treat MUD flows was failing and a new plant was under construction. These MUDs are now served by the new Metro H2O WWTP. The route by which the Presidential Meadows MUD contributes flow to Manor's wastewater system has not been confirmed, though the City believes the flow from this MUD was received during the flow monitoring period via a MUD system backup from the Metro H2O plant to the interconnect. Because these MUDs contributed flow to Manor's system during the flow monitoring period, the flows from the MUDs needed to be accounted for during model calibration. The model was calibrated using flow monitoring data, so the MUD contribution needed to be included in the model during calibration but removed during future growth modeling.

2.3 Future Land Use Assumptions

Future land use assumptions were used to develop projections of future wastewater flow contributions in the collection system model. The future land use assumptions were provided by the City in the "Future Land Use Map" of the City's *Destination 2050 Comprehensive Plan* report. A copy of this map is provided in Figure 2-2. This map provides approximate locations of various land use types across the City of Manor. These land uses provide information on the types, potential densities, and locations of future development. The City also provided information regarding the planned and in-progress developments in the form of a map, a copy of which is provided in Figure 2-3. This map was used to estimate which parcels were most likely to develop within the 5-year time horizon.

Future land use assumptions are important factors for projecting future wastewater flows and identifying the required infrastructure to serve planned growth. Future land use assumptions do not represent zoning regulations or requirements, and actual future land use may vary from these assumptions. Rather, these land use assumptions are a best approximation of the types of developments and densities the City may support in the future.

Table 2-1 provides the development density assumptions in terms of Living Unit Equivalent (LUE) per acre for each land use type assigned by the Comprehensive Plan. An LUE is a planning tool that estimates the typical flow of water or wastewater used/produced by a single-family residence.

These density estimates were developed as part of the City's latest Community Impact Fee (CIF) study. For the purposes of this study, one (1) LUE was assumed to represent 3 persons (or population equivalents) and produce 200 gallons per day (gpd) of wastewater. The 200 gpd/LUE wastewater production rate is an average rate developed based on flow monitoring.

Table 2-1: Density Assumptions for Future Land Use Types

Land Use Category	**Category Abbreviation**	**Density Assumption (LUE/acre)**
Commercial (Corridor)	C	2
Community Mixed Use	CMU	5
Downtown Mixed Use	DMU	4
Employment	E	1
High Density Single Family	SF-4	5
Mixed Density Neighborhood	MDNB	4
Multi-Family	MF	10
Neighborhood	NB	4
Neighborhood Mixed Use	NMU	5
Parks/Open Space	OS	0
Public/Semi-Public	P/SP	1

By applying both the LUE/acre density from Table 2-1 and the 200 gpd/LUE flow estimate to a given land area (in acres), an approximate wastewater production can be estimated for all land uses shown on the future land use map. The estimated wastewater production was then used in the hydraulic model of the collection system. Please refer to Section 4.2 for further discussion of the flow projections and distributions of flow.

Figure 2-2: Future Land Use Map from City's Comprehensive Plan

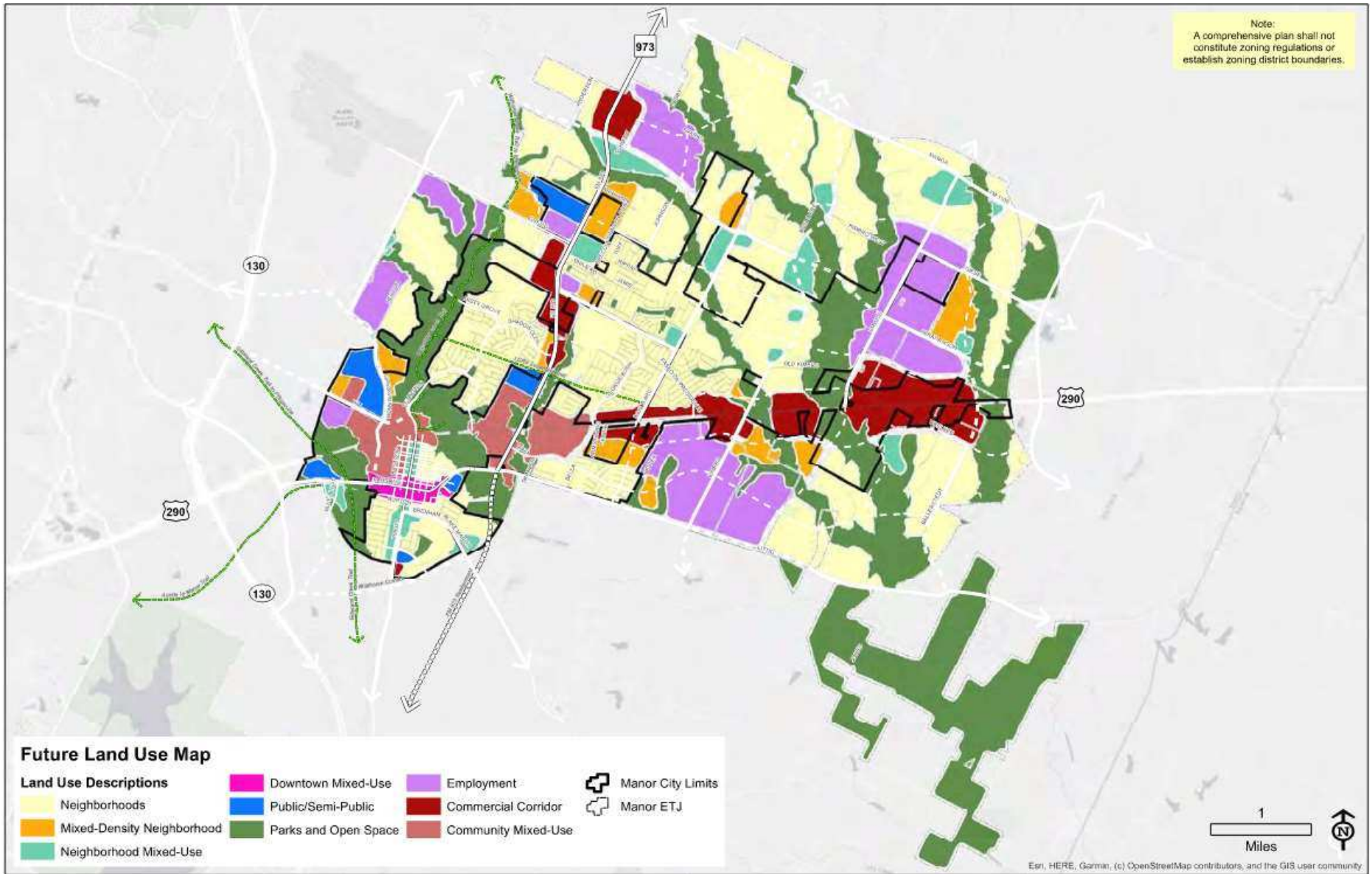
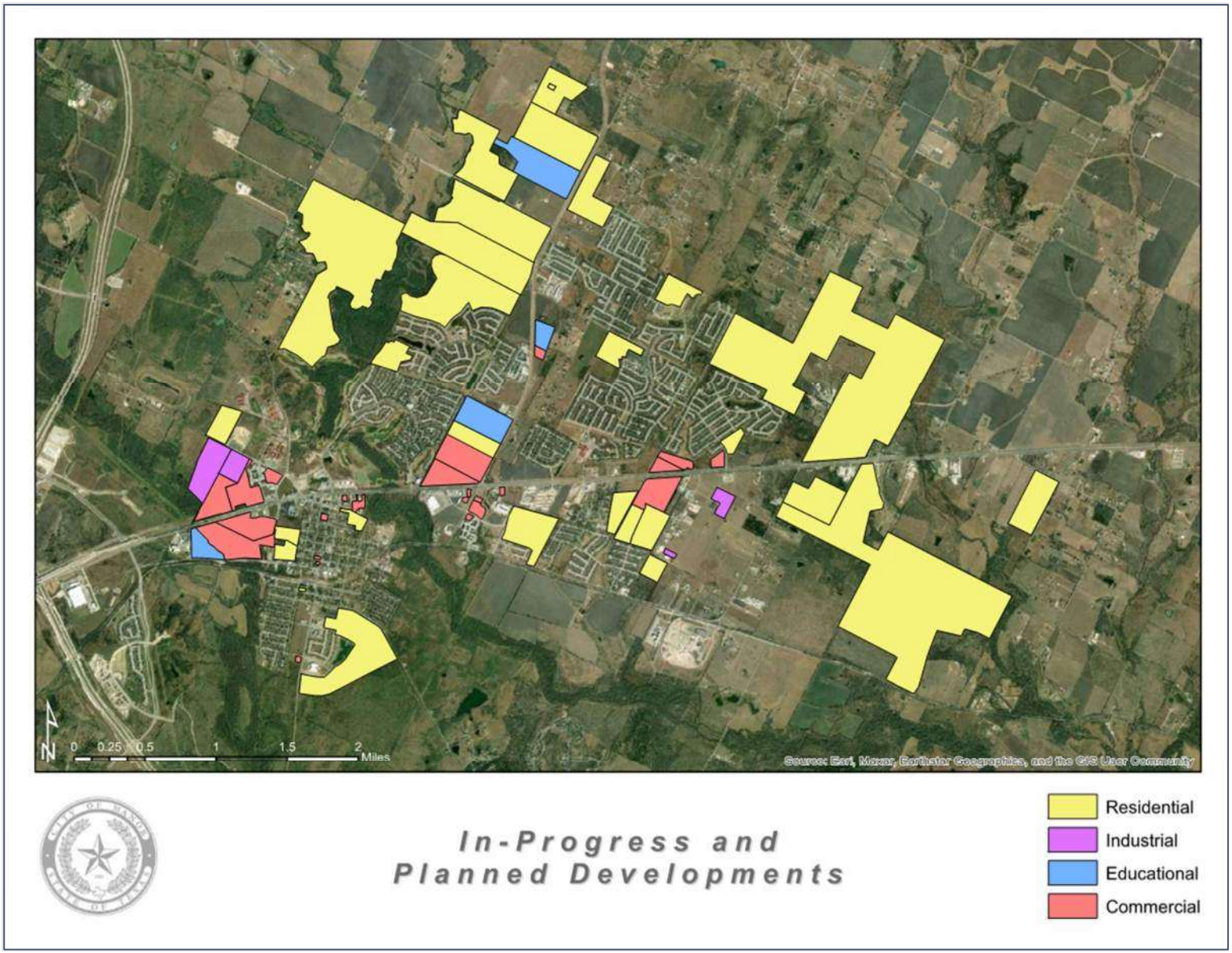


Figure 2-3: In-Progress and Planned Development Map (Spring 2023)



2.4 Population Projections

The population projections utilized for this report were determined by the City and held at a constant 7% annual growth rate for population and LUEs throughout the 15-year time horizon. The chosen growth rate is also being used as part of other ongoing planning studies (e.g., the most recent Rate Study and Water Master Plan) for the City to ensure consistency and alignment across the studies. The present number of LUEs within City limits was estimated at 6,845 based on a count of developed parcels. The population projections below are representative of population within City limits. It was assumed for this report that as the City provides wastewater service to more area, that area will be annexed into City limits over time.

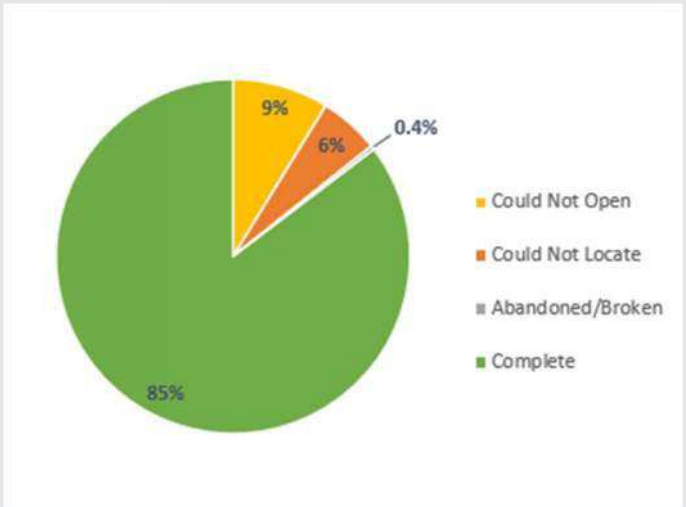
Table 2-2: Population and LUE Projections Assuming 7% Annual Growth Rate

Planning Time Horizon	Year	Present and Projected Populations[1]	Projected No. of LUEs[2]
Present	2023	20,535	6,845
5-year	2028	28,800	9,600
15-year	2038	56,700	18,900
1) Projected populations rounded to nearest 100 persons 2) Assumed 3 persons per LUE			

2.5 Manhole Survey

GBA field staff attempted survey and inspection of 273 City-owned manholes to create a hydraulic model of the existing wastewater collection system. Among these 273 manholes with attempted inspections, 233 were completed successfully, 24 were unable to be opened (i.e., Could Not Open or "CNO"), 15 manholes could not be located (i.e., Could Not Locate or "CNL"), and 1 manhole was abandoned. Figure 2-4 shows a pie chart and relative percentages of each inspection result. Manhole survey summary maps are provided in Appendix A.

Figure 2-4: Manhole Survey and Inspection Summary



The data collected during manhole inspections include X and Y coordinates, rim elevations, depths, and manhole cover sizes, as well as rim-to-invert depths and diameters of incoming and outgoing pipes. Manholes that were located but not able to be opened were considered partially inspected, as location and rim elevation data could still be collected. After GBA's initial attempt to locate and open each manhole, a list of CNO and CNL manholes was provided to City operations staff. City staff were able to open 23 manholes that were originally CNO and locate 6 manholes that were originally CNL, providing manhole depth measurements for use in the model.

2.6 Planning-Level Design Criteria

To model, size, and plan for new wastewater infrastructure, planning-level design criteria were established for this study. It is important to note that all sizing of improvements for this study are conceptual only; actual designs may vary from the conceptual designs presented in this report. Table 2-3 provides a summary of the criteria used to guide this study. This table is broken into three sections:

(1) Existing Infrastructure Flow Calculations (Modeled System),
(2) Future Infrastructure Flow Calculations (Extensions to Serve Growth Areas), and
(3) Conceptual Sizing of New Infrastructure (Relief, Replacement or Extensions).

2.6.1 Definitions

Below is a list of basic definitions used to describe planning and design criteria:

- **ADDF**: Average Daily Dry Weather Flow is the normal wastewater flow generated in the sanitary sewer system during dry weather conditions. This flow includes wastewater production and permanent infiltration naturally present during dry conditions. This flow does not include rainfall-induced infiltration and inflow.
- **PDWF**: Peak Dry Weather Flow is the instantaneous peak flow generated in the sanitary sewer system over the course of a 24-hour period, during dry weather conditions. This peak is a natural outcome of increased wastewater production at times of peak usage throughout the day. In primarily residential areas, there is typically a peak in the morning and/or a peak in the evening.
- **PWWF**: Peak Wet Weather Flow is the instantaneous peak flow generated in the sanitary sewer system during wet weather conditions. This peak is an outcome of increased inflow and infiltration entering the sewer system during or directly after a rainfall event.
- **I/I**: Inflow and Infiltration is rainfall-induced flow entering the sanitary sewer system. Infiltration generally enters sewers through underground defects such as defective pipes, pipe joints, and manholes. Inflow generally enters from above-ground sources, such as private sewer laterals, downspouts, foundation drains, yard and area drains, storm sump pumps, manhole covers, and cross connections from storm drains.
- **Surcharge**: Surcharge is generally defined as the situation in which the entrance and exit of a gravity sewer pipe are submerged by flow, and the pipe is flowing full and under pressure. Surcharge conditions are generally not ideal, and either indicate an immediate pipe capacity restriction or a downstream bottleneck.
- **Critical Surcharge**: Surcharge levels that are at higher risk of causing a sanitary sewer overflow (SSO).

2.6.2 Flow Calculations

The PCSWMM design storm model of the existing system was primarily used to identify necessary capacity improvements for the City's *existing sewers*, at the present, 5-year, and 15-year time horizons. For sewer extensions, the Austin Utilities Criteria Manual (UCM) guidance and GIS analysis were primarily used to conceptually size the *future sewer extensions* needed to serve growth areas outside of City limits, at the 5-year and 15-year time horizons. Therefore, flow calculations for the existing infrastructure (interceptors and lift stations) modeled in PCSWMM differed from flow calculations for future infrastructure (sewer extensions), which were not modeled in PCSWMM.

Flows from future growth were still plugged into the PCSWMM model of the existing system for future growth scenario modeling in order to demonstrate impacts of growth on the existing sewers. To represent peak wet weather flows from future growth in the PCSWMM model, the synthetic unit hydrograph based on data from flow meter Basin 2C of the 2022 flow monitoring period was assigned to future growth model nodes. Basin 2C was chosen as a representative basin for new growth areas because the sewers in this basin were primarily built within the last 10-20 years, and it demonstrated an average level of I/I for Manor's collection system. (Please see Figure 3-1 for a map of Fall 2022 flow monitoring basins.)

2.6.3 Design Storm

The 5-year, 6-hour design storm was chosen because there is precedence for its use in modeling by the City of Austin and other cities in the Central Texas area. It also represents a moderately conservative storm event to plan for, particularly for systems demonstrating higher levels of I/I. Storm events with higher recurrence intervals (such as 10-year, 25-year, or 50-year) may be overly burdensome to ratepayers of systems with high I/I levels, but storms with lower recurrence intervals (such as 1-year or 2-year) may be insufficient for predicting areas at higher risk of sanitary overflows and backups.

2.6.4 Critical Surcharge

The calibrated PCSWWM model was used to identify locations in the existing system with potential for surcharge under design storm conditions. Not all surcharge of existing sewers requires immediate mitigation, however. To identify higher risk surcharge, critical surcharge criteria were developed to help identify the need for capacity improvement projects. The two-part criteria used during this study is stated in terms of surcharge above the crown of pipe and in terms of minimum "freeboard" (or the distance between maximum surcharge level and manhole rim). This criteria is based on similar criteria used by the Environmental Protection Agency (EPA) in recent sewer consent decrees. It is important to note that this is a criteria for judging the severity of surcharge, not a pipe sizing tool. New gravity sewers (relief, replacement, or extensions) should not be designed to surcharge under design flow conditions.

Levels of surcharge predicted by the hydraulic model will vary widely across the system and depend on factors such as design storm intensity, existing pipe capacities, projected upstream flows and infiltration and inflow (I/I), and downstream bottlenecks. Some sewer agencies allow surcharge in their systems to specified levels (e.g., "surcharge up to 100% of pipe diameter over

the crown of pipes"), while other agencies do not allow any surcharge in their systems.

Surcharge may not be acceptable at locations where sewers are relatively shallow (e.g., less than 10 vertical feet from the surface) because of the increased risk of overflow. Surcharge may be more acceptable in locations with particularly deep sewers (e.g., 20 feet or more below the surface) because of the lower risk of overflow. Therefore, it is sometimes pragmatic to allow some surcharge in the existing system before relief sewers are deemed necessary. However, as mentioned previously, all new or relief sewers should be designed for no resulting surcharge during design flow conditions.

2.6.5 Conceptual Pipe Sizing

The Austin UCM Q65/Q85 method of pipe sizing requires pipes be sized to either reach a maximum of 65% of their full capacity during peak dry weather flows (PDWF), or 85% of their capacity during peak wet weather flows (PWWF). This method of sizing provides a safety factor to account for higher than anticipated I/I during a storm event. During peak wet weather storms, Austin UCM requires that pipes be designed such that the peak wet weather flow (PWWF) shall not exceed 85% of the capacity of the pipe flowing full for all pipes 15 inches in diameter and below, and 80% of the capacity for all pipes 18 inches and above. Based on flow monitoring, Manor's wastewater system has a history of surcharging and backup during storm events, so this excess 15%-20% capacity would help to reduce risk of excessive surcharging and overflow. Designing the system with additional capacity provides flexibility for accommodating increased wastewater flows associated with population growth and denser development.

The City of Manor has historically sized pipes to reach full flow ($Q_{full)}$ capacity during peak wet weather events. This is a less conservative method that will still accommodate storm events without providing as much safety factor for growth or increased I/I. Allowing pipes to reach full capacity during the design flow reduces costs by requiring smaller pipe sizes but leaves less room for accommodating future growth and expansion. Backup and surcharging are a greater risk to a system sized using this method. Because of Manor's rapid growth and higher rates of I/I, the more conservative Austin UCM Q65/Q85 approach was chosen for this study and is recommended for future designs.

Table 2-3: Planning-Level Design Criteria

Criteria	Value or Range
Existing Infrastructure Flow Calculations (Modeled System)	
Average Daily Dry Weather Flow (ADDF)	Model Calibrated to Flow Meter Data
Peak Dry Weather Flows (PDWF)	Model Calibrated to Flow Meter Data
Modeled I/I for Existing System(1)	RTK Unit Hydrograph Calibrated to Respective Flow Meter Basin
Modeled I/I for Growth(2)	RTK Unit Hydrograph Calibrated to Flow Meter Basin 2C (representative of new development)
Peak Wet Weather Flows (PWWF)	Design Storm Model (PDWF + I/I)
Design Storm(3)	5-year, 6-hour Event (4.1 inches)
Critical Surcharge Criteria(4)	Flow Depths > 24" above crown of pipe Flow Depths ≤ 36" below manhole rim
Future Infrastructure Flow Calculations (Extensions to Serve Growth Areas)	
Average Daily Dry Weather Flow (ADDF)(5)	200 gpd/LUE
Peak Dry Weather Flows (PDWF)(6)	$Q = \left[\frac{(18 + (0.0206 * ADDF)^{0.5})}{(4 + 0.0206 * ADDF)^{0.5})}\right] * ADDF$
Peak Wet Weather Flows (PWWF)(6)	Q = PDWF + 750 gpd/acre
Conceptual Sizing of New Infrastructure (Relief, Replacement or Extensions)	
Peak Flow Conveyance Criteria(7)	Austin UCM Q65/Q85
Gravity Pipe Capacity	Manning's Equation
Manning's Coefficient (n)	0.013
Gravity Pipe Velocity(8)	2-10 fps
Lift Station Capacity	Maximum 2-hr Peak Flow from Model
Force Main Velocity	3-6 fps

Notes:

1) Inflow and Infiltration (I/I) in the existing system was estimated using synthetic unit hydrographs (calibrated using the RTK method) for each flow meter basin.
2) Flows from new growth areas were plugged into the existing system during growth scenario modeling. To represent flows from growth in the model, flow meter basin 2C's synthetic unit hydrograph was used. Basin 2C was chosen because it is considered an acceptable representation of I/I in Manor's newer sewer basins.
3) Precipitation frequency estimates for design storm provided by NOAA Atlas 14.
4) Based on criteria used in recent EPA Consent Decrees. This criterion defines high risk (critical) surcharge levels in the existing sewer system and was used to define the necessity of capacity improvement projects for existing gravity sewers. It is important to note that new gravity sewers (relief, replacement or extensions) will NOT be designed to surcharge under design flow conditions.
5) Estimated from wastewater flow monitoring data.
6) Sourced from Austin Utilities Criteria Manual (UCM), which is commonly used and accepted throughout the Austin metropolitan area.
7) Sourced from Austin Utilities Criteria Manual (UCM). All gravity sewer projects were conceptually sized to reach a maximum of 80 to 85% of their capacity during peak wet weather flows (PWWF), depending on pipe diameter.
8) Texas Commission on Environmental Quality (TCEQ Chapter 217) design standards.

2.7 Cost Data

Planning level cost equations and tables were developed using past wastewater project data from the Austin metropolitan area and other commonly referenced guidance documents, such as those developed by the EPA. Costs should be considered planning-level only and may not reflect costs of actual construction. ENR Construction Cost Index (CCI) data were used for the Dallas metropolitan area (the closest metropolitan area to Manor with CCI indices) to adjust historical cost data for inflation to better reflect present-day costs. All referenced cost equations were adjusted to account for inflation using the February 2024 CCI for Dallas (CCI = 7824. Please see enr.com/economics/historical_indices for more information regarding ENR CCI values).

The following cost equations were developed to represent lump sum construction costs for typical wastewater improvement projects and may not be representative of more unique situations. Cost equations were generally fit to ENR-adjusted construction bid costs from multiple Central Texas wastewater projects bid within the past five years. If an identified project was already designed or estimated (e.g., Cottonwood Creek WWTP Expansion Phase 3), then the most recent opinion of probable cost was used instead of the cost equations below. The cost equations are representative of construction costs and do not include other soft costs or contingencies (such as easement acquisition, financing, legal, or insurance costs). To estimate a capital cost for each project, a 30% factor was applied to the construction cost to account for soft costs such as engineering design and survey, and then another 20% contingency factor was applied to account for unanticipated costs and scope changes. A summary of the cost equations is presented in Table 2-4 below.

Table 2-4: Planning-Level Construction Cost Equations

Project Type	**General Cost Equation**	**Units**
Gravity Sewer	$y = 322 * 1.038^{x}$	y is $/LF, x is diameter (in)
Steel Encasement	$y = 50x$	y is $/LF, x is casing diam. (in)
Force Main	$y = 18x$	y is $/LF, x is diameter (in)
Lift Station	$y = 1{,}500{,}000 * (x^{0.62})$	y is $, x is capacity (MGD)
Treatment	$y = 25x$	y is $, x is capacity (gpd)

3 EXISTING COLLECTION SYSTEM

3.1 Current Capacities and Projections

Table 3-1 describes the primary interceptor corridors serving Manor. Table 3-2 provides a summary of known information regarding Manor's lift stations, including those lift stations that were modeled. Previously decommissioned lift stations (LS02 at Wilbarger WWTP and LS14 at Manor Heights) are not included in the table or model. Modeled interceptors and lift stations are shown in Figure 4-2.

Table 3-1. Summary of Major Interceptor Corridors

Corridor Name	Pipe Diameter Range	Approx. Length (ft)	Corridor Description
Old Manor	12"-18"	16,600	• Old Manor encompasses all of the interceptors from Flow Meter Basins 1, 3, 4, 8, and 13 (see Figure 3-1) • Flows combine with the flows from Old Hwy 20 before reaching the Llano street interceptor then the Wilbarger WWTP
FM973 and Stonewater	15"	7,400	• Receives flows from the Stonewater Basin and Manor High School • Flows into the US-290 Interceptor • Includes LS06 and associated force main
US-290 and Presidential Glen	12"-24"	14,600	• Receives flow from FM973, Presidential Heights, Presidential Glen, Greenbury, and Stonewater. • Flows directly into the Wilbarger WWTP • The 24" line also received flow from the Wilbarger Creek MUD #1 and Travis County MUD #2 during the 2022 Flow Monitoring Period • Includes LS06, LS07, LS08, and LS09
Cottonwood Creek Basin	12"-21"	31,900	• Consists of the East and West Cottonwood Creek Interceptors • Flows from these interceptors are the only flows that the Cottonwood Creek WWTP currently treats • Includes LS12 and LS13
Old Hwy 20	18"	2,800	• Consists of Carriage Hills Lift Station (LS05) and Bell Farms Lift Station (LS04) • Flows from interceptors are primarily from subdivisions along Old Hwy 20 • There is planned development upstream of the Carriage Hills Lift Station (Manor Commercial Park)

Table 3-2. Summary of Lift Stations

ID	Name/ Location	Modeled	No. of Pumps	Firm Capacity (gpm)	Force Main Diam. (in)	Force Main Length (ft)	Description
LS01	Las Entradas	Yes	2	200	4	980	Serves old high school and areas along Gregg Manor Rd. Developer agreement (Las Entradas) will expand this LS for growth.
LS03	Wildhorse Creek	Yes	2	1075	10	6,390	Serves Wildhorse Creek subdivision southwest of Old Manor. Force main combines with LS11's on S Bastrop St.
LS04	Bell Farms	Yes	2	1600	10	4,040	Serves Bell Farms subdivision and adjacent properties along Old Hwy 20. Currently undergoing capacity improvements; capacity shown reflects upgrades.
LS05	Carriage Hills	Yes	2	650	6	510	Serves Carriage Hills subdivision on Old Hwy 20; will be expanded to serve areas east (e.g., Manor Commercial Park). Design of expansion complete.
LS06	Stonewater	Yes	2	1100	10	11,030	Serves Stonewater subdivision and new high school.
LS07	US-290 (Pres. Glen)	Yes	2	1060	10	1,550	Serves Presidential Glen subdivision (Phase 1). Currently undergoing capacity improvements; capacity shown reflects upgrades.
LS08	Woodrow Wilson St.	No	2	415	6	1,800	Serves Presidential Glen subdivision (Phase 4B). Not included in model due to its size and location.
LS09	Presidential Heights	Yes	2	470	6	3,900	Serves Presidential Heights neighborhood.
LS10	Wilbarger WWTP	No	3	1675	18	440	Serves Wilbarger Creek WWTP, delivering flow to the headworks. Not included in collection system model because the WWTP was not modeled.
LS11	Carrie Manor	Yes	2	806	10	4,290	Serves portion of Old Manor. Force main combines with LS3's on S Bastrop St.
LS12	Cottonwood Cr. WWTP	Yes	2	555	8	260	Serves WWTP and east interceptor of Cottonwood Creek Basin.
LS13	Old Kimbro Rd.	Yes	2	944	10	2,620	Serves west interceptor of Cottonwood Creek Basin.
LS15	Lagos	No	2	311	6	750	Serves Lagos development (Phases 4 and 5) in the southwest part of Manor. Not included in model due to its size and location.

3.2 Flow Characteristics

Prior to the wastewater master plan study, a flow analysis was performed under a separate project to better understand the City's wastewater system and flow conditions. During the Fall 2022 flow monitoring project, the system was separated into 12 interconnected drainage basins with a total length of gravity wastewater pipes of approximately 67,500 linear feet. Flow meters were strategically located to measure flows generated by these basins. Please see Figure 3-1 to see the layout of flow meter locations and basins.

During the Fall 2022 flow monitoring period (8/22/2022-12/16/2022), the City experienced overall rainfall that was comparable to historical averages, with a total depth of rainfall of 11.6 inches. Of the 12 meter locations, 8 meters experienced surcharge during the flow monitoring period. Flow meters 1, 2, 3, 4, 8, and 10 all exhibited surcharge due to backup caused by downstream restriction. Flow meters 2A, 2C, and 3 exhibited surcharge due to pressurized flow caused by lack of capacity. Recommendations provided in the report titled *2023 Inflow & Infiltration Investigations Project – Preliminary Engineering Report* included CCTV inspections and smoke testing in Flow Meter Basins 1, 2B, 3, 4, 8, 10, and 13 to address the excessive inflow and infiltration conditions.

The flow meter data and analysis results were used to assist in the calibration of the PCSWMM model developed for this project. The flow monitoring results of the City's sanitary sewer system provided useful data in respect to ADDF and infiltration and inflow (I/I). The flow meter reactions were varied for the rainfall events, however all meters reacted to several of the rain events, with increased flows indicating I/I. The flow monitoring sites also provided insight into the capacity limitations of the system. For more information about flow characteristics and I/I conditions, please refer to the report titled *2023 Inflow & Infiltration Investigations Project – Preliminary Engineering Report*.

City of Manor
Travis County, TX

FIGURE 3-1: FALL 2022
FLOW MONITORING MAP

Legend

- Rain Gauge
- Flow Meter
- LS — Lift Station
- WWTP — Wastewater Treatment Plant
- 10" and Smaller Wastewater Line
- 12" and Larger Wastewater Line
- Forcemain
- Manor City Limits
- Manor ETJ
- Road
- Railroad
- Creek/Stream/River
- Lake

Flow Meter Basins

1	4
2	6
2A	7
2B	8
2C	10
3	13

N

0 0.5 1
Miles

Date: 5/1/2024

GBA

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3.3 Review of Proposed Infrastructure Projects

Table 3-3 lists and describes all wastewater capital improvement projects (CIP) listed under the most recent FY2024 CIP document provided by the City. These projects were taken into consideration when analyzing the design storm model runs.

Table 3-3. Status of Ongoing or Planned Wastewater Projects from February 2023 CIF

Project Name	CIP PN / GBA PN	Description	Status
West Cottonwood Gravity Line, Phase 2	S-18	Serves West Cottonwood Sub-Basin up to Bois D'Arc Ln, 21" and 24" gravity wastewater line sized for ultimate capacity.	Under Construction
Willow Lift Station and Force Main	S-23	Lift station and force main to serve 220 LUEs in Willow Basin along US-290.	Pending
Expand Cottonwood WWTP to 0.40 MGD Capacity	S-30	New treatment plant capacity to serve additional growth.	Pending
Expand Cottonwood WWTP to 0.60 MGD Capacity	S-31	New treatment plant capacity to serve additional growth.	Pending
Wilbarger Basin Gravity Line to Lift Station (off Gregg Lane)	S-33	New wastewater line to serve growth along Gregg Lane.	Pending
Wilbarger Basin Lift Station and Force Main (off Gregg Lane)	S-34	New lift station and force main to serve growth along Gregg Lane.	Pending
Gravity line from City Limits to tie in to Wastewater line to Cottonwood	S-35	New gravity wastewater line to extend wastewater service to City Limits for future growth.	Under Construction
Lift Station and Force main to Cottonwood WWTP	S-36	New lift station and force main to serve areas south of US Hwy 290 along Old Kimbro Road.	Pending
Expand Cottonwood WWTP to 0.80 MGD Capacity	S-37	New treatment plant capacity to serve additional growth.	Pending

Table 3-3 Continued

Project Name	CIP PN / GBA PN	Description	Status
East Travis County Regional WWTP - with Elgin - Phase 1 - 1.1 MGD and 39" trunk main	S-38	Build new plant at Regional Site, road, and electrical improvements	Pending
Bell Farms Lift Station Expansion	CIP-2	Upgrades at existing lift station.	Under Construction, Nearing Completion
Presidential Glen Lift Station Expansion	CIP-3	Upgrades at existing lift station.	Under Construction, Nearing Completion
US-290 WW Line Expansion	CIP-4	Expand existing wastewater line along US-290 to serve growth.	Pending

4 MODEL DEVELOPMENT

4.1 Introduction

A hydraulic model of the City's sanitary sewer network was developed using GIS and data collected during the manhole survey. The PCSWMM modeling software by Computational Hydraulics International (CHI) was used to create the model. The model was used to determine the impact of population growth on the existing sanitary sewer network. The future growth scenarios modeled for this study were the 5-year and 15-year growth conditions. Section 4.2 provides further detail on growth projections utilized in the model for both time horizons.

4.2 Flow Projections

The overall goal for developing flow projections was to spatially assign growth across Manor's ETJ in a logical manner to align with the City's 7% annual growth rate assumption for the 5- and 15-year time horizons (Table 2-2). As previously mentioned, growth projections were developed based on the future land use map (Figure 2-2) from the City's Comprehensive Plan, as well as the planned and in-progress developments map supplied by the City (Figure 2-3). LUE/acre assumptions for each future land use type, as outlined in Table 2-1, were used to estimate the potential wastewater production for any given parcel. Because the Manor Comprehensive Plan excluded floodplain from developable land area, the same assumption was used for this analysis.

To estimate a zone of growth for the 5-year time horizon, the City's planned and in-progress development map was used. After overlaying the land use assumptions and LUE/acre estimates, a factor of 0.4 (or 40%) was required to align land use and LUE/ac assumptions with the 7% annual population growth assumption. This means that 40% of the developable (non-floodplain) land area within all the planned and in-progress tracts are assumed to be developed by the 5-year time horizon. This provided the necessary geographical information to input growth into the model. The area assumed to be 40% developed by the 5-year time horizon is shown in dark red in Figure 4-1. The floodplain boundaries are also shown to indicate those areas that were considered undevelopable for the purposes of this study.

To estimate a zone of growth for the 15-year time horizon, it was assumed that more lots would be developed around and near the current city limits and the planned and in-progress lots. To align with the 7% annual growth rate assumption, it was assumed that 100% of the current planned and in progress lots are developed by the 15-year time horizon, and 40% of the remainder of the 15-year growth zone is developed by the 15-year time horizon. The area assumed to be 40% developed by the 15-year time horizon is shown in light red/pink in Figure 4-1. The dark red area is assumed to be 100% developed by the 15-year time horizon.

MANOR
EST. TEXAS 1872

City of Manor
Travis County, TX

FIGURE 4-1: GROWTH AREA DEVELOPMENT MAP

Legend

- 5-Year 40% Developed, 15-Year 100% Developed
- 15-Year 40% Developed
- Road
- Railroad
- Creek/Stream/River
- Lake
- Floodplain
- Manor City Limits
- Manor ETJ

N

0 0.6 1.2

Miles

Date: 5/1/2024

GBA

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4.3 Existing System Model Network Development and Flow Assignment

The model network was developed using existing GIS and the data collected during the manhole survey. In cases of missing data, values were retrieved from city-provided GIS data, record drawings, or interpolated between known data points. Only pipes 12 inches or greater in diameter were included in this model. Figure 4-2 shows the modeled collection system.

The twelve flow meter locations from the 2022 I/I Reduction project were imported into the appropriate manholes in the model, as well as their respective basins. Parcels encompassed in the flow metering basins were imported into the model as subcatchments. Every parcel was assigned a receiving manhole and a living unit equivalent (LUE) count, resulting in each receiving manhole being assigned a total LUE count. The LUE count was utilized to account for variations in wastewater generation from single-family homes, apartments, schools, restaurants, retail properties, and other property types. The sewer shed areas for each flow meter basin were distributed among the manholes based on a weighted system, accounting for the number of LUEs assigned to each manhole.

In summary, the built model network included 273 manholes, 66,000 linear feet of gravity sewer, 32,900 linear feet of force main, and 10 lift stations (Figure 4-2). The lengths of modeled gravity sewers and force main are summarized according to diameter and corresponding flow metering basin in Table 4-1.

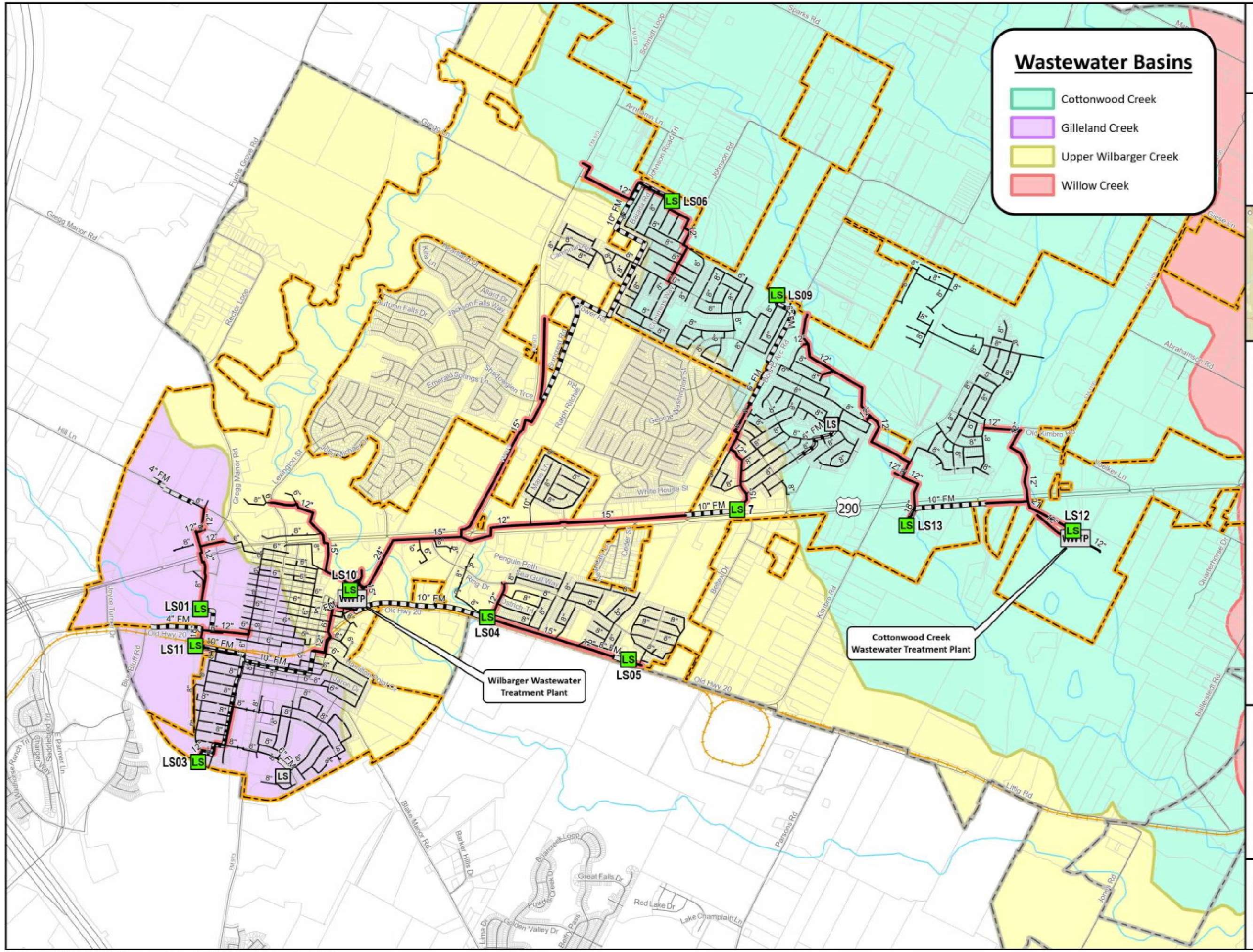

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Table 4-1: Modeled Pipes by Diameter

	Gravity Main						**Force Main**				
Flow Meter Basin	12"	15"	18"	21"	24"	Totals	4"	6"	8"	10"	Totals
1	1,340	2,612				3,953					
2	1,567	4,145			1,508	7,219					
2A		10,147				10,147				11,026	11,026
2B											
2C	3,086	4,252				7,337		3,900		1,553	5,453
3	2,816	1,502	576			4,893	980		7,999		8,979
4			2,062			2,062					
6											
7	1,434	2,482				3,915			511		511
8	3,587					3,587					
10	3,554					3,553					
13	845					845					
Unmetered: Cottonwood Creek	13,176		562	1,625		15,360		256	2,622		2,878
Unmetered: All Else	1,096	1,566			500	3,163				4,038	4,038
Totals	**32,500**	**26,705**	**3,120**	**1,625**	**2,008**	**66,034**	**980**	**4,157**	**11,132**	**16,617**	**32,885**

** All lengths in linear feet*

4.4 Model Calibration

4.4.1 Dry Weather Calibration

Average daily dry weather flows (ADDF) for each flow monitoring basin were retrieved from the 2022 Flow Monitoring Report by averaging the flows from Sep 27, 2022 - Oct 4, 2022, which was the driest week of the flow monitoring period. The ADDF was then normalized by dividing them by the total number of Living Unit Equivalents (LUEs) within each respective basin, yielding a unit flow per LUE value for each flow metering basin (Table 4-2). To distribute flows throughout the system, the average flow entering each manhole was determined by multiplying the unit flow per LUE by the number of estimated LUEs served by that particular manhole.

Table 4-2: Unit Flow per LUE

Flow Metering Basin	Estimated No. of LUEs Upstream of Meter	Avg. Daily Dry Weather Flow (MGD)	Estimated ADDF/LUE (gpd/LUE)
1	103	0.045	436
2	2,267	0.386	170
2A	1,070	0.129	121
2B	303	0.069	228
2C	1,570	0.189	120
3	360	0.130	360
4	819	0.171	209
6	240	0.051	211
7	419	0.1874	447
8	15	0.065	4,333[(1)]
10	201	0.064	317
13	290	0.023	80

1) *An abnormally high ADDF per LUE was estimated for Basin 8 due to the challenge of estimating exact LUE counts in basins primarily comprised of multi-family residential and commercial land uses.*

Time patterns were created by using the Time Pattern Creator tool in PCSWMM. Hourly and weekend time patterns were generated based off the dry weather period used for calibration. The outputs of the time pattern creator are hourly multipliers, in which the hourly time pattern has hourly multipliers that are applied to weekdays, while the weekend time pattern has hourly multipliers which are utilized on the weekend. Figure 4-3 shows an example of an hourly time pattern created by PCSWMM. The hourly and weekend time patterns were created for each flow meter basin and assigned to the manholes within their respective flow meter basins.

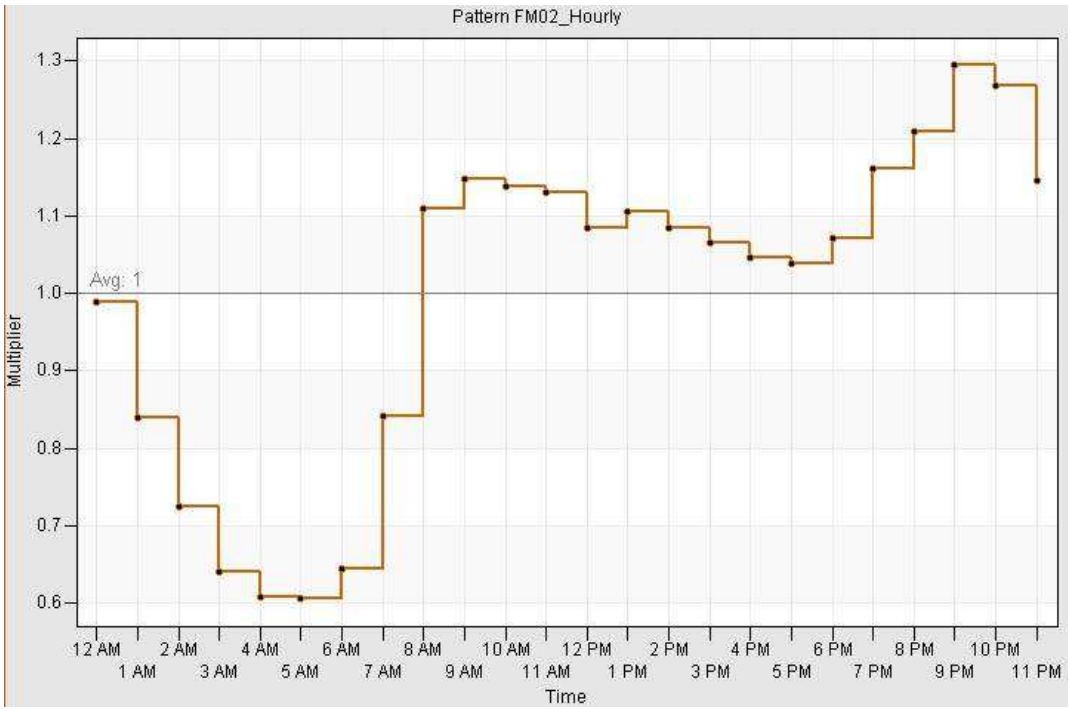

Figure 4-3: Hourly Time Pattern

The model was run after inputting the average flows and time patterns to the manholes, and the model results were compared to the flow meter data. ADDF measured by flow meter data was compared against ADDF calculated by the model. Total volumes for the dry weather period (measured versus modeled) were also compared (Table 4-3). The hydrographs showing modeled and metered flow for the dry weather period for each flow meter are provided in Appendix B.

Table 4-3: Dry Weather Calibration Results

Flow Meter	Metered ADDF (MGD)	Modeled ADDF (MGD)	Diff (MGD)	% Diff	Metered Total Volume (MG)	Modeled Total Volume (MG)	Diff (MG)	% Diff
1	0.31	0.31	0.00	0%	0.04	0.05	0.01	19%
2	5.78	5.86	0.08	1%	0.84	0.90	0.07	8%
2A	1.32	1.35	0.03	2%	0.19	0.24	0.05	26%
2B	0.48	0.48	0.00	0%	0.07	0.07	0.00	2%
2C	1.29	1.32	0.03	2%	0.19	0.20	0.01	7%
3	2.69	2.72	0.03	1%	0.39	0.43	0.04	9%
4	1.20	1.19	-0.01	0%	0.17	0.18	0.00	3%
6	0.35	0.35	0.00	0%	0.05	0.05	0.00	6%
7	1.66	1.66	0.00	0%	0.24	0.27	0.04	15%
8	0.45	0.45	0.00	0%	0.07	0.07	0.01	8%
10	0.45	0.44	0.00	0%	0.06	0.07	0.00	7%
13	0.16	0.16	0.00	0%	0.02	0.03	0.01	28%
Total	16.15	13.32	0.17	**1%**	2.33	2.57	0.23	**10%**

4.4.2 Wet Weather Calibration

The RTK Hydrograph method was chosen to model rainfall dependent inflow and infiltration (RDII) in PCSWMM. RDII is produced as groundwater and stormwater enter through defects in the sanitary network. A RTK unit hydrograph was used to define the proportion of rainfall falling on the basin that enters the sewer system as RDII and the timeframe this rainfall enters the system during and after the storm event. The RTK unit hydrograph is a combination of three separate unit hydrograph triangles which represent slow, medium, and fast responses of flow entering a sanitary network (Figure 4-4). Each response represents RDII that enters a system during and after a rainfall event. The R value symbolizes the fraction of rainfall that is entering the system, which is shown in the figure as the magnitude of the peak, T is the time to peak, and K is the falling limb ratio, which predicts how long the system will respond to a storm event. The slow response can be associated with slow infiltration, which occurs immediately following a rain event and can persist for several hours or even days. The medium response is associated with moderate infiltration that occurs during and soon after an event, when soil surrounding a pipe becomes saturated and starts infiltrating. The fast response time is associated with rapid inflow that enters the system through more direct connections and pathways (such as cracks or holes in manhole frames and covers).

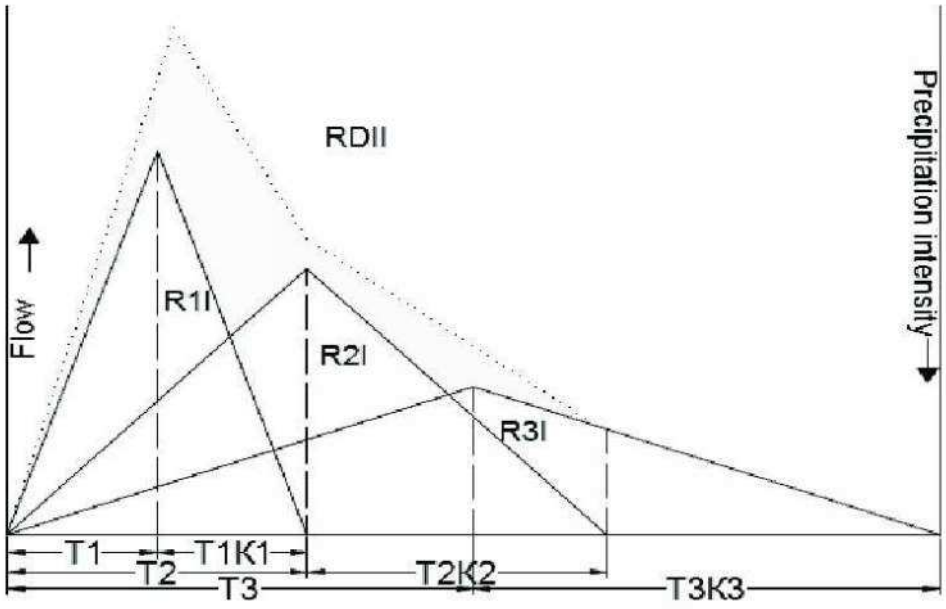

Figure 4-4: RTK Hydrograph

A unit hydrograph was developed for each flow monitoring basin, featuring unique sets of short-, medium-, and long-term R, T, and K values, along with an assigned rain gage. The City of Manor had a total of three rain gages collecting rainfall during the flow monitoring period, as illustrated in Figure 3-1. The Thiessen polygon method was utilized to establish a hypothetical rain gage for each flow monitoring basin, determined by the proximity of the basin to the nearest rain gages.

The Sensitivity-based Radio Tuning Calibration (SRTC) tool in PCSWMM was applied to calibrate modeled data with observed flow meter data. The SRTC tool establishes sensitivity gradients for short, medium, and long-term R, T, and K values, allowing for simultaneous observation of effects across multiple wet weather events. Initial unit hydrographs were generated by estimating R, T, and K values based on computed and observed data from the dry weather calibrated model results. Subsequently, an iterative approach was adopted, adjusting R, T, and K values for each flow meter until the weighted averages of the peaks and total volumes for all observed and usable wet weather responses were within the ranges suggested by the Chartered Institution of Water and Environmental Management (CIWEM): -15% to +25% for peak flow, and -10% to +20% for total volume (Table 4-4). In addition, 45-degree plots were prepared to visually demonstrate how the model's predictions are aligning with the metered flow data (Appendix C).

Table 4-4 shows the wet weather calibration results, including percent differences between the modeled and metered volumes and peak flows for each significant storm response observed during the 2022 flow monitoring period. One storm that was ultimately excluded from consideration during calibration was the November 25, 2022. It was discussed with the City during a model review meeting held on December 7, 2023 that the sewer system's dramatic response to the November 25, 2022 storm was most likely attributed to several compounding factors, including wetter soil conditions from smaller storm events occurring in the weeks prior to November 25, as well as the contribution of excessive flows from the Municipal Utility Districts (MUDs) connected to Manor's sewers during the flow monitoring period.

It was uncertain whether on of the largest MUDs was sending flows to Manor's system regularly or only during larger storm events. These MUDs are no longer contributing flow to Manor's system however, and should not dictate model calibration or analysis. The City also expressed concern that the calibration was overly conservative. After discussing the factors that led to abnormal peak flows during the November 25, 2022 storm event, it was decided that an alternate calibration approach would be more representative of typical storm events observed in the Manor sewer system. The alternate calibration approach results in a better match between metered peaks and modeled peaks for the other storm events that occurred throughout the Fall 2022 flow monitoring period.

Flow meter Basins 2A and 10 have total volume percent differences that exceed the CIWEM acceptable range. This can be attributed to the October 16, 2022 storm that caused a lower-than-average response in these basins. As stated above, the model is calibrated to represent more typical storm events in the Manor sewer system. Similarly, flow meter Basin 13 has a total peak flow percent difference that falls slightly below the CIWEM acceptable range. This is because Basin 13 had three storms in November that caused a higher-than-average response. Excursions like these from the acceptable ranges may be unavoidable in situations where flow meter data does not align as expected with rainfall data.

Table 4-4: Wet Weather Calibration Results

Flow Meter	Basin Area (Acres)	No. of Storm Events with Observable Responses	Weighted Avg. % Difference, Total Volume	Weighted Avg. % Difference, Peak Flow
1	118	7	8%	5%
2	760	7	20%	-4%
2A	215	6	39%*	13%
2B	58	8	8%	-4%
2C	354	8	1%	-12%
3	117	7	19%	-14%
4	258	7	15%	-9%
6	50	6	13%	2%
7	100	6	19%	-6%
8	136	8	16%	25%
10	93	4	27%*	10%
13	100	11	-3%	-19%*
Acceptable Range (CIWEM), % Difference			-10% to +20%	-15% to +25%

*Excursions from the acceptable range are noted with an asterisk. Excursions are typically caused by basins with lower flows or erratic flow monitoring data, which can present challenges to achieving ideal calibration. Overall, the calibration is adequate for planning-level purposes.

4.5 Future Growth Model Development

The future growth projections were incorporated into the model by importing the number of LUEs and the sewershed area into the nearest downstream, modeled manhole (Refer to Section 4.2 for more insight to the development of growth projections). The nearest downstream manhole was determined by the future growth area's location and topography. Extension interceptor lines were conceptualized and included in the final plan as extension projects (Section 7.10) to serve new growth and tie into the existing infrastructure, but these lines were not included in the model. Only projected flows from these extensions were incorporated into the model. The future growth models did not include planned or ongoing improvements; however, known improvements were considered when developing recommendations.

5 MODEL RESULTS ANALYSIS

5.1 Overview of Modeling Results

The existing model, 5-year growth model, and 15-year growth model were simulated with the 5-year, 6-hr design storm (see Section 2.6.3 for more information regarding the design storm). This chapter provides an analysis of the results derived from these simulations. In the maps illustrating the results (Figure 5-1 through Figure 5-3), only manholes meeting the critical surcharge criteria outlined in Section 2.6.4 are depicted as orange circles. The red circles denote manholes experiencing flooding during the simulation period. While the model might indicate flooding, it does not imply that the system will actually flood. It is recommended that further on-site evaluation and data collection (e.g., checking manholes for evidence of surcharge, targeted flow monitoring) be conducted before initiating any project based on modeling results.

To represent pipes in the maps, orange lines symbolize pipes undergoing surcharge during peak wet weather conditions due to backup, stemming from downstream restrictions such as undersized pipes or inadequate lift station capacity. Red lines represent pipes experiencing surcharge due to capacity limitations, indicative of undersized pipe during peak wet weather conditions. When evaluating projects, pipes surcharging due to backup are of lesser concern compared to those surcharging due to capacity limitations.

5.2 Existing System Design Storm Results

The analysis of the existing system under the 5-year design storm reveals three areas of concern (Figure 5-1).

- The Llano St. and Lampasas St. Interceptors receive flows from most of Old Manor before flowing into Wilbarger Creek WWTP, making it an important corridor. This stretch of sewer also has relatively shallow manholes, making it prone to surcharge..
- The Pyrite Road Interceptor that flows into the Stonewater Lift Station (LS06) is undersized when the design storm is run under existing conditions. This interceptor is located in Basin 10 which demonstrated particularly high rates of inflow during Fall 2022 Flow monitoring. Therefore, a potential alternative approach to upsizing the wastewater line would be to mitigate I/I in the upstream system.
- The US-290 interceptor receives flow from FM973, Presidential Heights, Presidential Glen, and Greenbury. This project is of lower priority due to lower levels of surcharge in the existing conditions scenario, but may become a bigger issue as more development occurs upstream.
- LS03, also known as the Wildhorse Creek Lift Station, demonstrated some backup issues in the existing conditions model. However, upon further investigation, these issues are not expected to occur due to recent upgrades at this facility. Because LS03 was recently upgraded, it was assumed that these model results were of little concern. I/I in Old Manor should, however, be further investigated and mitigated so that issues do not arise at LS03 and other lift stations serving the older, downtown area.

Figure 5-1: Existing System Design Storm Modeling Results
(Map Exported from PCSWMM Software)

Legend

Junctions
- Critical Surcharge
- Flooding

Storages
- Lift Station
- Flooded Lift Station

Outfalls

Conduits
- Gravity Pipe (Modeled)
- Force Main
- Surcharge due to Capacity
- Surcharge due to backup

Sewer Main

Pyrite Rd Interceptor

US HWY 290 Interceptor

Llano St Interceptor

Lampasas St Interceptor

Lift Station #3

Lift_Station_#6
Lift_Station_#9
Presidential_Glen(LS7)
Lift_Station_#13
Lift_Station_#12
WWTP02
Wibarger_WWTP
Lift_Station_#1
Lift_Station_#11
Lift_Station_#4
Lift_Station_#5
Lift_Station_#3

STONEWATER
GREENBURY
PRESIDENTIAL MEADOWS
SHADOWGLEN
BELL FARMS
New Katy
Kimbro

Gregg Ln
FM 973
Suncrest Rd
Tower Rd
Old Kimbro Rd
US Highway 290 E
Old Highway 20
Blake Manor Rd
Wilbarger Creek
Gilleland Creek
Manor Cemetery
Manor Elementary School
Shadow Glen Golf Club

N

1 km

5.3 5-year System Design Storm Results

The results from the 5-year growth model simulation conducted with the design storm are presented in Figure 5-2. The two projects that were identified as areas of concern in the 5-year growth scenario are already undergoing improvements.

- The Old Hwy 20 Interceptor serves Carriage Hills and Bell Farms along with some unmetered properties along Simmer Run. LS04 is also shown to be undersized and cannot keep up with the flows coming from contributing basins, though there is an ongoing project to upgrade this facility. Lift station improvements and pipe bursting from Carriage Hills are under design and being reviewed by TCEQ. Therefore, no projects were identified to address these model concerns.
- The FM973 interceptor is surcharging due to backup from the US-290 Interceptor but is not critical in the 5-year growth scenario. However, it does become more critical in the 15-year growth scenario.

Figure 5-2: 5-year System Design Storm Modeling Results
(Map Exported from PCSWMM Software)

Legend

Junctions
- Flooding
- Critical Surcharge
- Future Growth Connection

Storages
- Lift Station
- Flooded Lift Station

Outfalls

Conduits
- Gravity Pipe (Modeled)
- Force Main
- Surcharge due to Capacity
- Surcharge due to Backup
- Sewer Main

Pyrite Rd Interceptor

FM 973 Interceptor

US HWY 290 Interceptor

Lift Station #4

Llano St Interceptor

Lampasas St Interceptor

Old Hwy 20 Interceptor

Lift Station #3

Lift_Station_#6

Lift_Station_#9

Presidential_Glen(LS7)

Lift_Station_#13

Lift_Station_#12

WWTP02

East_Travis_Regional

Wilbarger_WWTP

Lift_Station_#1

Lift_Station_#11

Lift_Station_#4

Lift_Station_#5

Lift_Station_#3

STONEWATER

SHADOWGLEN

GREENBURY

PRESIDENTIAL MEADOWS

BELL FARMS

New Katy

Kimbro

Shadow Glen Golf Club

Manor Cemetery

Manor Elementary School

Wilbarger Creek

Gilleland Creek

US Highway 290 E

Old Highway 20

Blake Manor Rd

Old Kimbro Rd

FM 973

FM 1100

N

1 km

5.4 15-year System Design Storm Results

Similar to the 5-year growth model findings, the previously identified areas of concern have shown exacerbation in terms of surcharging and flooding (Figure 5-3). With the integration of the 15-year growth projection into the model, multiple areas in the wastewater system will be undersized unless improvements are made.

- Lift Station 1, also known as Las Entradas or Old High School Lift Station, and the pipe immediately following the lift station create backup in the 15-year growth scenario (Figure 5-3). However, there is an agreement that requires the developer to expand this LS to accommodate future growth.
- The FM973 Interceptor shows flooding and undersized pipes in the 15-year growth scenario. This project will not be necessary if Lift Station 6 is decommissioned, however.
- Both the East and West Cottonwood Creek interceptors are unable to accommodate for projected 15-year growth. These interceptors were not monitored in the 2022 Flow Monitoring Period; however, the growth projections in the Cottonwood Creek Basin are significant enough to warrant improvements.
- Another project identified during the 15-year future growth scenario was the decommissioning of Lift Stations 6, 8, and 9. This would come after the addition of the East Travis Regional Plant. Flows directed toward these lift stations would be redirected through the addition of an interceptor to flow by gravity to the new treatment plant. This would alleviate capacity concerns created by these three lift stations, removing the need for improvements along FM973 and reducing flows to the Wilbarger WWTP.

Figure 5-3: 15-year System Design Storm Modeling Results
(Map Exported from PCSWMM Software)

Legend

Junctions
- Flooding
- Critical Surcharge
- Future Growth Connection

Storages
- Lift Station
- Flooded Lift Station

Outfalls

Conduits
- Gravity Pipe (Modeled)
- Force Main
- Surcharge due to Capacity
- Surcharge due to backup
- Sewer Main

Pyrite Rd Interceptor

Lift_Station_#6

Lift_Station_#9

W Cottonwood Creek Interceptor

E Cottonwood Creek Interceptor

FM 973 Interceptor

US HWY 290 Interceptor

Lift Station #1

Lift Station #4

Llano St Interceptor

Lampasas St Interceptor

Old Hwy 20 Interceptor

Lift Station #3

Presidential_Glen(LS7)

Lift_Station_#13

Lift_Station_#12

WWTP02

East_Travis_Regional

Wibarger_WWTP

Lift_Station_#1

Lift_Station_#11

Lift_Station_#4

Lift_Station_#5

Lift_Station_#3

STONEWATER

SHADOWGLEN

GREENBURY

PRESIDENTIAL MEADOWS

BELL FARMS

New Katy

Shadow Glen Golf Club

Manor Cemetery

Manor Elementary School

Gregg Ln

FM 973

US Highway 290 E

Old Highway 20

Blake Manor Rd

Old Kimbro Rd

Kimbro West Rd

FM 1100

Wilbarger Creek

Gilleland Creek

Willbarger Creek

MANOR EST. TEXAS 1872

GBA

N

1 km

5.5 15-year System Free Flow Results

A free flow model scenario was developed for the 15-year growth conditions whereby pipe capacities were increased until no surcharging or flooding was predicted in the model under 5-year, 6-hour design storm conditions. In the previous non-free flow design storm models, flood loss and surcharging diminish peak flows progressing downstream of any bottlenecks. The free flow analysis assumes that any flow entering the system will flow through the system and to the outfall without encountering restrictions or flood loss. This model scenario enables a comparison between a) the maximum 15-year free flow peaks that could be experienced without upstream flow restrictions and b) the existing full flow capacity of every modeled pipe. Additionally, this analysis facilitates the identification of capacity concerns not highlighted in the non-free flow design storm models, either due to flood loss, surcharging, or other flow restrictions upstream. The findings from the free flow analysis significantly influence the identification and delineation of necessary projects and their extents. The map depicted in Figure 5-4 denotes pipes in red where the maximum 15-year free flow capacity exceeds the existing pipe's full flow capacity.

Figure 5-4: 15-year System Free Flow Modeling Results
(Map Exported from PCSWMM Software)

Legend

Storages
- Lift Station
- Flooded Lift Station
- Outfalls

Conduits
- Gravity Pipe
- Forcemain
- 15-yr Free Flow to Existing Capacity Ratio > 1
- Sewer Main

Pyrite Rd Interceptor

W Cottonwood Creek Interceptor

E Cottonwood Creek Interceptor

FM 973 Interceptor

US HWY 290 Interceptor

Llano St Interceptor

Lampasas St Interceptor

Old Hwy 20 Interceptor

Lift Station #3

STONEWATER

SHADOWGLEN

GREENBURY

PRESIDENTIAL MEADOWS

BELL FARMS

New Katy

Kimbro

Shadow Glen Golf Club

Manor Cemetery

Manor Elementary School

Wilbarger Creek

Gilleland Creek

MANOR EST. TEXAS 1872

GBA

N

1 km

6 TREATMENT CAPACITY ANALYSIS

The City of Manor currently operates two wastewater treatment plants (WWTPs): the Wilbarger WWTP and the Cottonwood Creek WWTP. A third WWTP has previously been proposed southeast of the Cottonwood Creek WWTP. The third WWTP would be located near the confluence of the Cottonwood Creek, Willow Creek, and Wilbarger Creek, south of Littig Road. This proposed WWTP is referred to in this report as the East Travis Regional WWTP, and it would be strategically located to serve a large area within Manor's eastern ETJ and potentially other municipalities within the region. A map showing the locations of each WWTP is provided in Figure 6-1.

This section describes the projected capacity allocations and phasing for each of the three WWTPs at the 5-year and 15-year time horizons. To assess future treatment plant capacity needs and establish logical timing of expansions, rated plant capacities were compared against flow projections developed during collection system modeling. It is important to note that exact timing of capacity expansions will be dictated by actual influent flows to the WWTPs. TCEQ Chapter 217 Rules require that plant expansion design commence at 75% of permitted phase capacity and construction start at 90% of permitted phase capacity. Therefore, monitoring of WWTP influent flows will be essential to ensure adequate capacity is available as the City grows.

MANOR
EST. TEXAS 1872

City of Manor
Travis County, TX

FIGURE 6-1: WASTEWATER TREATMENT PLANT SITES

Wastewater Basins

- Cottonwood Creek
- Gilleland Creek
- Lower Wilbarger Creek
- Upper Wilbarger Creek
- Willow Creek

Legend

- LS — Lift Station
- WWTP — Wastewater Treatment Plant
- 10" and Smaller Wastewater Line
- 12" and Larger Wastewater Line
- Forcemain
- Road
- Railroad
- Creek/Stream/River
- Lake
- Manor City Limits
- Manor ETJ

N

0 0.5 1
Miles

Date: 5/3/2024

GBA

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6.1 East Travis Regional Wastewater Treatment Plant (Future Plant)

The East Travis Regional WWTP is essential for serving future growth in the eastern reaches of Manor's ETJ. This treatment plant is proposed to be located near the intersection of Littig Road and Ballerstedt Road, near the confluence of Cottonwood Creek, Wilbarger Creek, and Willow Creek. The new WWTP would be situated at the downstream end of the three primary drainage basins within Manor's ETJ.

The East Travis Regional WWTP was conceptualized as part of previous studies, including Manor's 2008 Wastewater Master Plan Update, and has been included in the City's most recent 10-year wastewater CIP. The plant would be strategically located to ultimately serve a larger area than the current Cottonwood Creek WWTP and is anticipated to eventually allow the Cottonwood Creek WWTP to either be repurposed for wastewater reuse or decommissioned entirely. Recent planning efforts for the East Travis Regional WWTP have assumed an initial capacity of 1.5 MGD. Upon analyzing population and flow projections developed for this report, it was determined that a 1.5 MGD capacity would be required at minimum by the 15-year time horizon to serve growth, and it may be strategic to design the facility to handle additional capacity above 1.5 MGD (e.g., 2.0 MGD) to defer further upgrades.

6.2 Cottonwood Creek Wastewater Treatment Plant

The Cottonwood Creek WWTP currently has a capacity of 0.2 MGD and is located south of the intersection of US-290 and FM1100. This WWTP was designed to be phased from 0.2 MGD up to a maximum of 0.8 MGD in four separate phases. Presently, Phase 2 expansion of the Cottonwood Creek WWTP is fully designed and set to begin upon confirmation that flows have reached a level appropriate to trigger the expansion. Phase 2 expansion will increase the Cottonwood Creek WWTP's capacity to 0.4 MGD. The other phases of expansion that are planned for Cottonwood Creek WWTP are Phase 3 (0.6 MGD Total) and Phase 4 (0.8 MGD Total).

Upon analyzing population and flow projections developed for this report, it was determined that Phase 2 and 3 of the expansion will need to occur within the next five years to serve projected growth. It was also concluded that Phase 4 may be unnecessary, as the East Travis Regional WWTP will be a more permanent location for the City to invest in additional treatment capacity. Regardless, the 0.8 MGD permitted capacity will ensure sufficient capacity within the basin to serve growth if the regional plant cannot be constructed and commissioned before the Phase 3 (0.6 MGD) plant capacity is reached.

The Cottonwood Creek WWTP was conceptualized as a temporary facility that would provide service in Manor's eastern reaches prior to the construction of a much larger and more permanent facility (the East Travis Regional WWTP). Despite it being designed for a shorter life cycle, the Cottonwood Creek WWTP will still serve a critical role in phasing the East Travis Regional WWTP. Due to its location upstream of the proposed site of the regional WWTP, the Cottonwood Creek WWTP will be able to reduce the total influent flow reaching the East Travis Regional plant, which could be strategic during high flow events or during regional plant startup and maintenance. In this way, the Cottonwood Creek WWTP will provide the City some treatment redundancy and operational flexibility when determining how much influent flow to

allocate to either facility. For this reason, it is recommended that the Cottonwood Creek WWTP remain in service at least until the East Travis Regional WWTP has adequate capacity and redundancy to serve the entire Cottonwood Creek basin. This may require the Cottonwood Creek WWTP to remain in service beyond the initial construction of 1.5 MGD at the regional facility.

It is also important to note that Phase 3 expansion of the Cottonwood Creek WWTP will permit the City to delay construction of the East Travis Regional plant until average daily flows increase beyond 0.6 MGD. However, once the East Travis Regional WWTP is online, this additional capacity should eliminate the need for Phase 4 expansion of the Cottonwood Creek WWTP.

6.3 Wilbarger Wastewater Treatment Plant

The Wilbarger WWTP, located in Old Manor at the intersection of Llano Street and Old Highway 20, is permitted to be expanded from 1.33 MGD to 2.0 MGD. Average daily dry weather flows at Wilbarger WWTP from January to April 2024 were approximately 1 MGD, or 75% of the current 1.33 MGD capacity. As mentioned previously, the TCEQ Chapter 217 Rules require that plant expansion design commence at 75% of permitted phase capacity and construction start at 90% of permitted phase capacity. Design of the Wilbarger WWTP expansion has begun, and construction of the expansion will be essential within the next five years to keep up with projected growth. However, the timing of further expansions beyond 2.0 MGD will depend on several factors.

Expanding Wilbarger WWTP beyond 2.0 MGD is expected to be more costly than expanding from 1.33 to 2.0 MGD. The current design and layout of multiple ancillary systems (such as the on-site lift station, chemical feed systems, yard and outfall piping, electrical service, etc.) generally allows for efficient expansion to the 2.0 MGD capacity. However, expansion beyond the 2.0 MGD capacity would require these systems to be increased in capacity beyond the current design provisions. This may mean duplicate systems or wholesale replacement of existing equipment with larger capacity equipment, thus reducing or negating economies of scale. Increasing the permitted capacity beyond the current 2.0 MGD would also require a major permit amendment through the TCEQ. The permit amendment process typically takes a minimum of a year and can extend up to three years if the application is protested and a case referred to the State Office of Administrative Hearings. The expansion beyond 2.0 MGD may also require the City to acquire additional land around the current plant to accommodate the expansion. For these reasons, expansion of Wilbarger WWTP beyond 2.0 MGD would be costly, and any opportunity to postpone or indefinitely avoid such an expansion would be preferable.

6.4 Decommissioning Lift Stations 6, 8, and 9

To delay expansion of Wilbarger WWTP beyond 2.0 MGD, it is recommended that the City decommission lift stations 6 (Stonewater), 8 (Presidential Glen Ph. 4B), and 9 (Presidential Heights), rerouting their flows via gravity sewer to the proposed East Travis Regional WWTP once it is built. This would shift an estimated 0.5-0.6 MGD of ADDF away from the Wilbarger WWTP toward the new East Travis Regional WWTP. This decommissioning effort is expected to eliminate the need for expansion of Wilbarger WWTP beyond 2.0 MGD within the 15-year planning window of this study. However, it is not known whether this would permanently eliminate the need for expansion beyond 2.0 MGD, because the City's growth within the

Wilbarger Creek and Gilleland Creek basins may eventually exceed the projections developed for this study. With the recent adoption of Senate Bill 2038 which allows de-annexation from adjacent municipal ETJs, there is increased potential for growth to exceed what has been projected for this study.

Decommissioning lift stations 6, 8, and 9 would have multiple benefits besides delaying further expansion at Wilbarger WWTP. Operations and maintenance costs associated with these lift stations would be eliminated, which could equate to several hundred thousand dollars saved each year. Also, based on hydraulic modeling of the 15-year growth condition, it is anticipated that a costly upsizing project of the existing interceptor paralleling FM973 would be required in the future if LS06 (Stonewater) remains in service. If LS06 is eliminated though, the interceptor along FM973 is expected to have adequate capacity throughout the 15-year planning period. The costs associated with decommissioning lift stations 6, 8, and 9 would entail lift station decommissioning expenses, the cost of gravity sewer to convey flows to the East Travis Regional WWTP, and the cost of additional capacity required at East Travis Regional WWTP.

Another potential benefit of eliminating these lift stations would be the improvement of wastewater quality and reduction of H_2S production. By eliminating hydraulic detention time in lift station wet wells and force mains, wastewater quality issues, odor concerns, and maintenance concerns may be avoided.

6.5 Projected Capacity Allocations

Table 6-1 summarizes the approximate capacities being planned for each WWTP, as well as projected average daily flows, for each planning horizon.

As is shown in Table 6-1, present day ADDF estimates for Wilbarger WWTP and Cottonwood Creek WWTP are 1 MGD and 0.05 MGD respectively and are based on influent flow data from the first quarter of 2024 as provided by the City. By the 5-year time horizon, the Wilbarger WWTP must be expanded to 2 MGD to serve the projected growth in flows. Also, the Cottonwood Creek WWTP must be expanded to 0.6 MGD (Phase 3) by the 5-year time horizon.

The 15-year time horizon is split into two separate scenarios: Scenario 1, in which it is assumed that no decommissioning of lift stations has taken place; and Scenario 2, in which it is assumed that lift stations 6, 8, and 9 have been decommissioned and flows rerouted to East Travis Regional WWTP. It is assumed that the East Travis Regional WWTP will be fully operational by the 15-year time horizon in either scenario, and that the East Travis Regional WWTP will treat all flows in excess of the Cottonwood Creek WWTP's 0.6 MGD capacity. It is recommended that the City decommission lift stations 6, 8, and 9 because by the 15-year time horizon, ADDF at Wilbarger WWTP is projected to exceed the 2 MGD capacity in Scenario 1.

It is important to note that in Scenario 2 of the 15-year time horizon, in which lift stations 6, 8, and 9 are decommissioned, the projected ADDF for Wilbarger WWTP is approximately 1.6 MGD, or 80% of its 2 MGD capacity, and the projected ADDF for East Travis Regional WWTP is approximately 1.4 MGD, or 93% of its 1.5 MGD capacity. For these reasons, it is anticipated that expansion of Wilbarger WWTP and East Travis Regional WWTP beyond their 15-year capacities may be required just outside this study's 15-year planning window. This is dependent

on growth continuing at projected rates however, and actual rates of growth will dictate actual timing and necessity of expansions. To delay or avoid further expansion of Wilbarger WWTP beyond 2 MGD, the City may need to reconsider further ETJ releases (as allowed under recent Senate Bill 2038) from the City of Austin that could be served by the Wilbarger plant, as these areas are not accounted for in this study and could increase capacity needs above 2 MGD.

Table 6-1: Projected Treatment Capacity Allocations

	Wilbarger WWTP		**Cottonwood Cr. WWTP**		**East Travis Regional WWTP**		**Total, All WWTPs**	
Time Horizon	Anticipated Capacity (MGD)	Projected ADDF (MGD)	Anticipated Capacity (MGD)	Projected ADDF (MGD)	Anticipated Capacity (MGD)	Projected ADDF (MGD)	Anticipated Capacity (MGD)	Projected ADDF (MGD)
Present [1]	1.33	1.0	0.2	0.05	-	-	1.5	1.1
5-year	2.0	1.3	0.6	0.4	-	-	2.6	1.7
15-year:								
Scenario 1, No LS Decomm.[2]	2.0	2.1	0.6	0.6 [4]	1.5	0.9	4.1	3.6
Scenario 2, LS 6,8,9 Decomm.[3]	2.0	1.6	0.6	0.6 [4]	1.5	1.4	4.1	3.6

Notes:

(1) Present ADDF estimates are based on recent (Jan-Apr 2024) plant influent flow data provided by City.

(2) This scenario represents the 15-year time horizon assuming no lift stations have been decommissioned.

(3) This scenario represents the 15-year time horizon assuming lift stations 6, 8, and 9 have been decommissioned and flows rerouted to East Travis Regional.

(4) It is assumed that by the 15-year time horizon, Cottonwood Creek WWTP will reach its 0.6 MGD capacity and the remainder of flow in the Cottonwood Cr. Basin will be treated at East Travis Regional.

6.6 Recommended Treatment Capacity Projects

Below is a summary of projects recommended for each WWTP based on the capacity analysis described above:

1) Wilbarger WWTP
    a. Within 5 Years: Expand to 2 MGD
    b. Beyond this study (>15 Years): Potential for Expansion Beyond 2 MGD
2) Cottonwood Creek WWTP
    a. Within 5 Years: Expand to 0.6 MGD (Execute Phases 2 and 3)
    b. Beyond this study (>15 Years): Potential for Decommissioning or Reuse
3) East Travis Regional WWTP
    a. Within 15 Years: Design and Construct 1.5 MGD Facility
    b. Beyond this study (>15 Years): Potential for Expansion Beyond 1.5 MGD

7 OVERALL RECOMMENDATIONS AND CONCLUSIONS

This section outlines the conceptual projects identified from modeling, as well as the planning-level costs estimated for each identified project.

7.1 Development of Planning Level Opinion of Probable Costs

All planning-level costs of projects are in February 2024 dollars and include the opinion of probable construction cost (OPCC), along with a 20% construction contingency, a 30% factor for engineering and other soft costs, and an additional 10% contingency for projects involving railroad crossings. The inclusion of the railroad crossing contingency is due to additional engineering costs for obtaining permits and additional construction costs due to longer bores.

The estimated unit cost for acquiring easements for new infrastructure projects outside of existing right-of-way (ROW) or pre-existing easements was approximately $88,000 per acre. This unit cost was determined by averaging the expenses of recent utility infrastructure easements in Central Texas for both developed and undeveloped areas and includes easement survey costs, engineering, ROW agent, condemnation, attorney fees, and easement acquisition costs.

All OPCCs are considered planning-level, and actual costs may vary significantly depending on final design, project scope and bidding environment. Planning-level construction cost estimates for both new and existing infrastructure projects were estimated based on the following assumptions:

- Gravity Lines: Gravity pipe construction costs generally cover excavation, pipe, ditch checks, manholes, extra depth, erosion control, restoration, and mobilization. The gravity pipe construction estimates also assume that 10% of gravity line length will be encased with a steel casing to account for roadway and stream crossings.
- Lift Stations: The cost for lift station construction generally covers erosion control, site work, wet well, pumps, site piping, electrical work, controls, jib crane, hoist, fencing, access road, restoration, and appurtenances. The lift station unit costs were calculated based on averaging construction costs from past lift station projects.
- Force Mains: Force main construction costs generally cover excavation, pipe, erosion control, and restoration.

7.2 Field Investigations Prior to Design

To confirm a relief project's urgency and necessity, field investigations and targeted flow metering are recommended before initiating design and construction. The hydraulic model is most accurate nearest the meter locations used for model calibration. Locations in the model that are relatively far upstream or downstream from a meter location are more likely to be imprecise in terms of flow predictions. Many site-specific factors in the collection system can impact flow conditions at a particular location that may not be readily apparent from flow data collected far downstream of that location (such as branching interceptors or diversions). Also, timing and scale of future growth may vary from growth projections assumed in this report, which may drastically change the necessity of projects listed below under future time horizons. Therefore, it is in the City's best interest to confirm and corroborate model results and project necessity before embarking on a costly relief or replacement project.

Table 7-1 describes the primary benefits and costs of performing targeted field investigations and flow monitoring prior to relief project implementation. Overall, these investigations are highly recommended and can help confirm the necessity and urgency of a project identified from modeling.

Table 7-1: Benefits and Costs of Targeted Investigations Prior to Relief Design

Benefits	Costs
+ Verify site-specific flow conditions necessitate a project at all, potentially saving City budget if a project is eliminated, postponed, or reduced in scope + Determine level of risk of postponing a project if flow conditions are not as concerning as originally predicted/modeled + Verify presence or absence of surcharge evidence (rags, high water marks, high water levels) + Verify site-specific hydraulics for fine-tuned modeling, such as diameters or pipe inverts that could not be collected during initial manhole inspections	- Additional costs of performing field investigations, flow monitoring and any supplementary modeling - Delays timeline toward project completion if project is essential

7.3 Ongoing I/I Mitigation

The City of Manor is currently engaged in I/I mitigation efforts. It is important to note that the impacts of these I/I mitigation efforts could result in lower peak wet weather flows in the interceptors. If peak wet weather flows are reduced from what has been projected for this plan, then relief or upsizing projects may be delayed or avoided. To determine whether a relief project can be delayed or avoided, however, will require targeted, post-rehabilitation flow monitoring to confirm actual flow conditions after I/I reduction projects have been implemented.

7.4 Recommended Model Calibration Updates

As a wastewater system grows and improves, it is important that the associated hydraulic model accounts for such changes over time. The current calibration is not final and should be updated when new flow monitoring data becomes available. It is typically recommended that new flow monitoring data be collected and the hydraulic model re-calibrated at least once every five years.

Modeling a system such as Manor's is an ongoing, collaborative process to account for the dynamics of a growing city. Now that the model is fully developed, the City will have opportunities to re-calibrate the model to new flow meter data collected in the future. As the City performs I/I reduction projects, the future flow meter data will ideally reflect a reduction in I/I. This new flow meter data can be used to re-calibrate the model, which could in turn reduce modeled peak flows during storm events. If the modeled peak flows are reduced based on new flow data, then the flows used for sizing relief projects or new sewer projects may also be reduced accordingly. This would reduce expenses for the City by reducing required pipe sizes. Therefore, it is in the City's best interest to perform regular flow monitoring and re-calibration of the hydraulic model to ensure the most up-to-date information is being used to guide CIP decision making.

7.5 Project Summary

Table 7-2 and Figure 7-1 present a summary of all projects identified as part of this collection system master planning project. Further descriptions of the recommended projects are provided in the sections below. IDs for each project (e.g., "WW.00.01") are formatted such that the middle two digits represent the time horizon by which the project becomes necessary ("00" for present day, "05" for 5-year growth conditions, etc.), and the second two digits represent a unique project number for that time horizon. Though parts of the existing system are overloaded and need relief prior to the 15-year growth horizon, all sizing recommendations are based on the 15-year growth condition flows.

Table 7-2: Overall Project List

Project ID	Infrastructure Type	Time Horizon	Current CIP Project ID	Project Name	Type of Improvement	Pipe Diameter (in)[1]	Total Length of Pipe (ft)	Lift Station or WWTP Flow Rate (mgd)	Planning-Level Construction OPCC without Contingency	Capital Cost (30% Contingency, 20% Engr./Survey,)[3]
WW.00.01	Existing/Relief	Present Day	-	Llano St and Lampasas St Interceptors[2]	Exist. Gravity Relief/Upsizing	18"-36"	4,060	-	$3,405,040	$5,652,000
WW.00.02	Existing/Relief	Present Day	-	Pyrite Rd Gravity Sewer (upstream of LS06) - *I/I Mitigation Potential*	Exist. Gravity Relief/Upsizing	18"	930	-	$584,010	$911,000
WW.00.03	Existing/Relief	Present Day	CIP-4	US 290 Interceptor (Still Necessary even if LS06/08/09 are Decommissioned)	Exist. Gravity Relief/Upsizing	24"	2,030	-	$1,596,488	$2,491,000
WW.00.04	Existing/Relief	Present Day	-	Rehabilitation and I/I Mitigation in Existing Sewers	Rehabilitation	-	40,440	-	$7,279,200	$11,356,000
WW.05.01	Treatment	5-Year	S-31	Cottonwood WWTP Expansion Ph. 3 (Expansion from 0.4 to 0.6 MGD)	Exist. WWTP Expansion	-	-	0.2	$3,260,000	$5,086,000
WW.05.02	Treatment	5-Year	-	Wilbarger WWTP Expansion (Expansion from 1.33 to 2.0 MGD)	Exist. WWTP Expansion	-	-	0.67	$16,750,000	$26,130,000
WW.05.03	New/Extension	5-Year	S-36	Manor Springs Lift Station Improvements	New LS to Serve Growth	6"(F)	3,760(F)	0.5	$1,606,289	$2,506,000
WW.05.04	New/Extension	5-Year	S-23	Voelker Ln. Wastewater Improvements	New Gravity to Serve Growth	12"	6,560	-	$4,595,771	$7,169,000
WW.15.01	Treatment	15-Year	S-39/40/41	East Travis Regional WWTP	New WWTP to Serve Growth	-	-	1.5	$37,403,000	$58,349,000
WW.15.02	Existing/Relief	15-Year	Dev. Agr.	Lift Station 1 (Las Entradas) and O09-006_O09-005	Exist. LS Expansion	18"	260	-	$164,430	$257,000
WW.15.03	Existing/Relief	15-Year	S-18	West Cottonwood Creek Existing Interceptor	Exist. Gravity Relief/Upsizing	24"-27"	8,500	-	$8,236,967	$12,850,000
WW.15.04	Existing/Relief	15-Year	S-16	East Cottonwood Creek Existing Interceptor	Exist. Gravity Relief/Upsizing	27"-33"	3,070	-	$3,392,810	$5,293,000
WW.15.05	Existing/Relief	15-Year	-	FM973 Interceptor (Not Necessary if LS06 is Decommissioned)	Exist. Gravity Relief/Upsizing	18"	4,220	-	$2,658,600	$4,147,000
WW.15.06	New/Extension	15-Year	S-38	South Cottonwood Creek Wastewater Interceptor Improvements Phase 1[2]	New Gravity to Serve Growth	39"-45"	7,960	-	$15,366,210	$25,508,000
WW.15.07	New/Extension	15-Year	S-38	South Cottonwood Creek Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	36"	8,910	-	$13,811,117	$21,545,000
WW.15.08	New/Extension	15-Year	S-23	Willow Creek Wastewater and Lift Station Improvements	New Gravity/LS to Serve Growth	24"(G), 6"(F)	2,160(G/F)	0.65	$1,642,456	$2,562,000
WW.15.09	New/Extension	15-Year	-	Willow Creek West Tributary Wastewater Interceptor Improvements Phase 1	New Gravity to Serve Growth	24"	5,210	-	$5,424,105	$8,462,000
WW.15.10	New/Extension	15-Year	-	Willow Creek West Tributary Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	15"-21"	7,710	-	$6,455,271	$10,070,000
WW.15.11	New/Extension	15-Year	-	East US290 Wastewater Improvements	New Gravity to Serve Growth	15"	2,920	-	$2,219,654	$3,463,000
WW.15.12	New/Extension	15-Year	-	North Cottonwood Creek East Tributary Wastewater Interceptor Improvements	New Gravity to Serve Growth	15"-18"	8,480	-	$6,720,382	$10,484,000
WW.15.13	New/Extension	15-Year	-	South Cottonwood Creek West Tributary Wastewater Interceptor Improvements Phase 1	New Gravity to Serve Growth	27"	7,390	-	$8,791,977	$13,715,000
WW.15.14	New/Extension	15-Year	-	South Cottonwood Creek West Tributary Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	27"	3,590	-	$4,424,675	$6,902,000
WW.15.15	New/Extension	15-Year	-	Littig Rd. Wastewater Improvements[2]	New Gravity to Serve Growth	12"	8,510	-	$5,961,816	$9,897,000
WW.15.16	New/Extension	15-Year	-	North Cottonwood Creek Wastewater Interceptor Improvements Phase 1	New Gravity to Serve Growth	21"-24"	7,238	-	$7,379,755	$11,512,000
WW.15.17	New/Extension	15-Year	-	North Cottonwood Creek Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	12"-18"	10,367	-	$8,035,168	$12,535,000
WW.15.18	New/Extension	15-Year	-	South Wilbarger Creek Lift Station Improvements	New LS to Serve Growth	4"(F)	5,040(F)	0.25	$1,287,296	$2,008,000
WW.15.19	New/Extension	15-Year	-	Lift Station #6 (Stonewater) Decommissioning	New Gravity to Abandon LS	18"	3,300	-	$3,134,355	$4,890,000
WW.15.20	New/Extension	15-Year	-	Lift Station #8 (Presidential Glen Ph. 4B) Decommissioning	New Gravity to Abandon LS	12"	1,400	-	$1,281,253	$1,999,000
WW.15.21	New/Extension	15-Year	-	Lift Station #9 (Presidential Heights) Decommissioning	New Gravity to Abandon LS	12"	500	-	$650,448	$1,015,000

Notes:

1) For pipe diameters and lengths, gravity main is assumed, except where (F) indicates force main, and (G) indicates gravity main.
2) Select projects include an additional 10% contingency for railroad crossings to account for additional costs (permitting, extra boring length, etc.).
3) For new/extension projects not within the ROW or an exisitng easement, a unit cost of $87,900/acre was utilized for easement cost estimates.
The easement unit cost includes survey, easement acquisition, engineering fees, condemnation/attorney fees, and ROW agent fees.

LS06, LS08, and LS09 are recommended to be decommissioned and re-routed by gravity towards East Travis Regional WWTP once it is built. This reduces burden on Wilbarger WWTP and the FM973 interceptor, and reduces LS O&M costs.
Projects Not Included: The above list does not include Bell Farms LS upgrades (LS04), Carriage Hills LS or interceptor upgrades, Cottonwood Cr. WWTP Ph. 2 expansion to 0.4 MGD (developer-funded), or other projects currently in-progress.

Time Horizon	Capital Cost
Present Day	$ 20,410,000
5-Year	$ 40,891,000
15-Year	$ 227,463,000
Total, All Projects	**$ 288,764,000**

Llano St and Lampasas St Interceptor

Lift Station #6, Lift Station #8, Lift Station #9, Lift Station #13, And The Manor Springs Lift Station
15-Yr: Decommission After ETR WWTP and Necessary Interceptors Are Built

Lift Station #6
Decommission

Lift Station #9
Decommission

Lift Station #8
Decommission

Lift Station #13
Decommission

Manor Springs Lift Station
5-Yr. Capacity = 0.5 MGD
15-Yr Capacity = Decommission

Cottonwood WWTP
Exist. Treatment Capacity = 0.2 MGD
5-Yr. Treatment Capacity = 0.6 MGD (Phase 2 & 3)
15-Yr Treatment Capacity = 0.6 MGD

East Travis Regional (ETR) WWTP
15-Yr Treatment Capacity = 1.5 MGD

Wilbarger WWTP
Exist. Treatment Capacity = 1.33 MGD
5-Yr. Treatment Capacity = 2.0 MGD (Phase 2)
15-Yr Treatment Capacity = 2.0 MGD

LS10 LS01 LS11 LS03 LS15 LS04 LS05 LS06 LS09 LS08 LS07 LS12 LS13

WWTP

LS

290

Jacobson Rd, Manda Rd, Bois D Arc Rd, Sparks Rd, Kimbro West Rd, Giese Ln, Klaus Ln, Abrahamson Rd, Albert Voelker Rd, Voelker Ln, Gregg Ln, Fuchs Grove Rd, Schmidt Loop, Johnson Rd, Tower Rd, Ralph Ritchie Rd, Kimbro Rd, Bellen Dr, Litig Rd, Old Kimbro Rd, Old Hwy 20, Penguin Path, Ostrich Dr, Hill Ln, Taron Dr, Joyce Turner Dr, Blake Manor Rd, Barker Hills Dr, Golden Valley Dr, Quiet Oaks Ln, Creedy Manor Rd, Wildhorse Ranch Trl, Barmer Ln, Blue Bluff Rd, Old Highway 20, Hamilton Point Cir, Jaron Dr, Lampasas St, Old Hwy 20, Magnolia

Austin

Legend

- Road
- Railroad
- Creek/Stream/River
- Lake
- Manor City Limits
- Manor ETJ

Wastewater Basin

- Cottonwood Creek
- Gilleland Creek
- Lower Wilbarger Creek
- Upper Wilbarger Creek
- Willow Creek

Existing Wastewater System

- LS — Lift Station
- WWTP — Wastewater Treatment Plant
- 10" and Smaller Wastewater Line
- 12" and Larger Wastewater Line
- Forcemain

Ongoing Projects

- LS — Lift Station
- WWTP — Wastewater Treatment Plant
- Wastewater Line
- Forcemain

Present Day Projects

- Wastewater Line

5-Year Projects

- WWTP — Wastewater Treatment Plant
- LS — Lift Station
- Wastewater Line
- Forcemain

15-Year Projects

- WWTP — Wastewater Treatment Plant
- LS — Lift Station
- Wastewater Line
- Forcemain
- Decommission Forcemain

0 0.5 1
Miles

Date: 5/6/2024

MANOR EST. TEXAS 1872

City of Manor
Travis County, TX

FIGURE 7-1:
OVERALL PROJECTS

GBA

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7.6 Present Day Projects

Present day projects (those requiring attention under existing conditions) are presented in Figure 7-2, along with ongoing projects. Further description of present-day projects is provided below.

Llano St. and Lampasas St. Interceptor (WW.00.01)

The Llano St. and Lampasas St. Interceptor was predicted to severely surcharge under peak wet weather flows during the existing system design storm model run. It is recommended as the top priority relief project due to the higher risk of overflow (Refer to Section 7.9 for more information outlining the methodology in prioritizing relief-type projects). The 4,060 ft stretch of pipe runs through Old Manor, from the terminus of the LS03 and LS11 combined force main, to the Wilbarger WWTP, making it a crucial segment of sewer in Old Manor. The interceptor currently has pipe sizes ranging from 12" – 24" and is proposed to be upsized to 18" – 36" diameter pipes to adequately convey peak flows.

Pyrite Rd. Interceptor (WW.00.02)

The Pyrite Rd. Interceptor was shown to severely surcharge in the existing system design storm model. The stretch of pipe that is proposed to be improved is approximately 930 ft in length and serves Manor High School and portions of the Stonewater subdivision (Figure 7-2). The existing pipe segment has a 12" diameter and is proposed to be upsized to 18" based on modeling results.

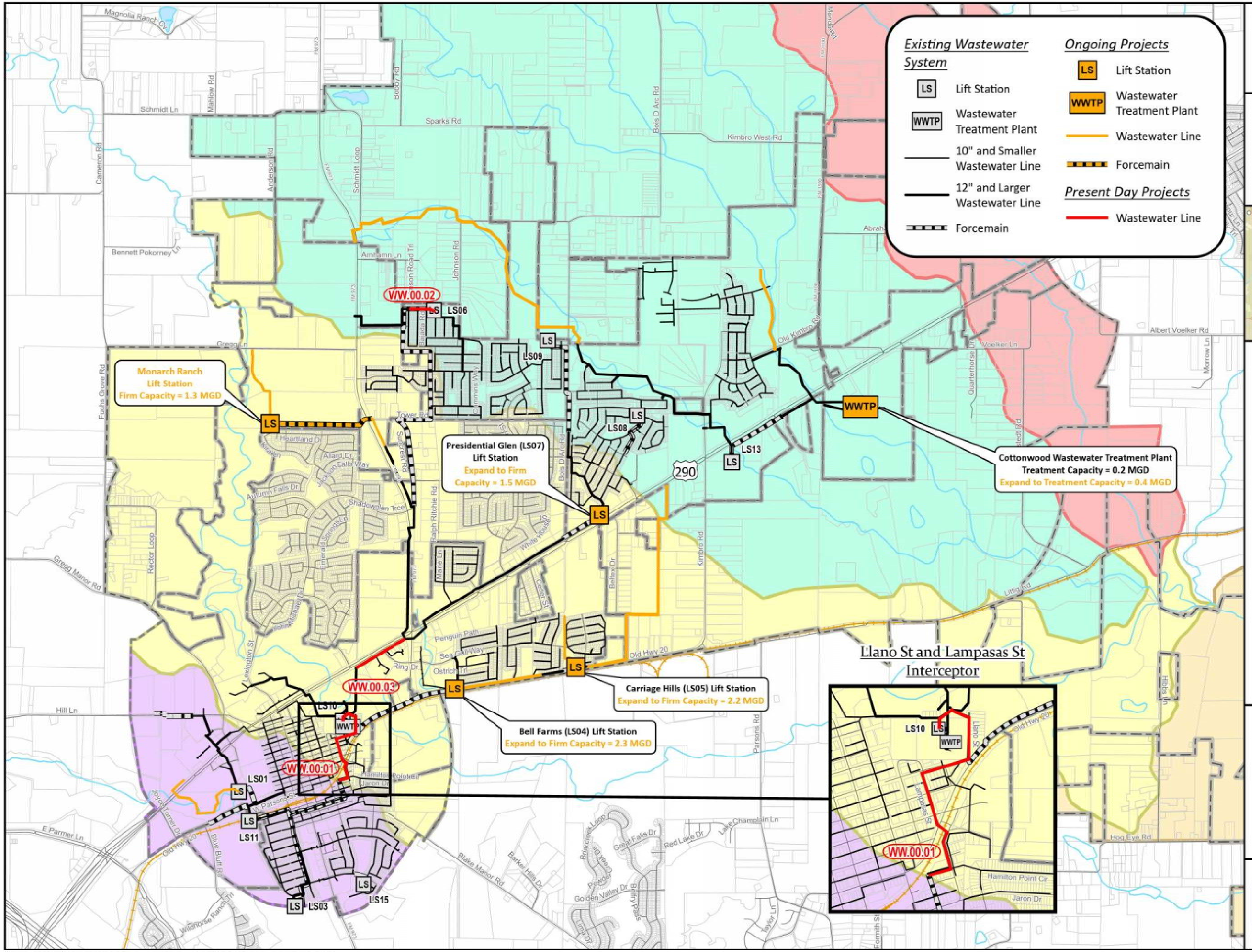
This project may be avoided or delayed if I/I mitigation efforts are successful in Basin 10. Fall 2022 flow data for meter basin 10 informed the model calibration for this portion of the system, and this flow meter basin demonstrated abnormally high peaks during Fall 2022 storm events. If peak flows in this basin are reduced through I/I mitigation efforts and future flow monitoring confirms this, a project along Pyrite Rd. may be avoided.

US-290 Interceptor (WW.00.03)

The US-290 Interceptor was shown to have undersized pipes and moderate surcharging in the existing system design storm model. The stretch of pipe that is proposed to be improved is approximately 2,090 ft in length and conveys flows from FM973, Presidential Heights, Presidential Glen, and Greenbury to the Wilbarger WWTP (Figure 7-2). The existing pipe has diameters ranging from 12" – 15" and is proposed to be upsized to 24".

Rehabilitation and I/I Mitigation in Existing Sewers (WW.00.04)

The City is committed to rehabilitating its existing gravity sewers and mitigating I/I. Potential rehabilitation methods include Cured-in-Place Pipe (CIPP), pipe bursting, and manhole lining, depending on condition. For a planning-level estimate of possible rehabilitation costs, it was assumed that one third of the total sewer line in the seven high-risk basins (1, 2B, 3, 4, 8, 10, and 13) identified during I/I investigations will need rehabilitation, roughly 40,000 LF. A unit cost of $180/LF of pipe rehabilitated was used, which is estimated from past I/I reduction projects GBA has designed and observed.



City of Manor
Travis County, TX

FIGURE 7-2: ONGOING & PRESENT DAY PROJECTS

Legend

- Road
- Railroad
- Creek/Stream/River
- Lake
- Manor City Limits
- Manor ETJ

Wastewater Basin

- Cottonwood Creek
- Gilleland Creek
- Lower Wilbarger Creek
- Upper Wilbarger Creek
- Willow Creek

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7.7 5-year Projects

Five-year projects (projects requiring attention under 5-year growth conditions) are presented in Figure 7-3. Further description of 5-year projects is provided below.

Cottonwood WWTP Expansion Ph. 3 (WW.05.01)

Phase 3 of the Cottonwood Creek WWTP expansion will increase its capacity to 0.6 MGD. This phase, along with Phase 2, is crucial within the next five years to accommodate anticipated population growth in the Cottonwood Creek Basin. The Cottonwood Creek WWTP will play a vital role in phasing in the larger East Travis Regional WWTP. Its strategic location upstream of the proposed regional plant allows for operational flexibility during peak events or plant maintenance. It is recommended that Cottonwood Creek WWTP continues operating until the East Travis Regional WWTP achieves adequate capacity and redundancy. Additionally, Phase 3 expansion will enable the City to postpone construction of the regional plant until average daily flows are close to surpassing 0.6 MGD. Completion of the regional facility is expected to eliminate the need for Phase 4 expansion of the Cottonwood Creek WWTP.

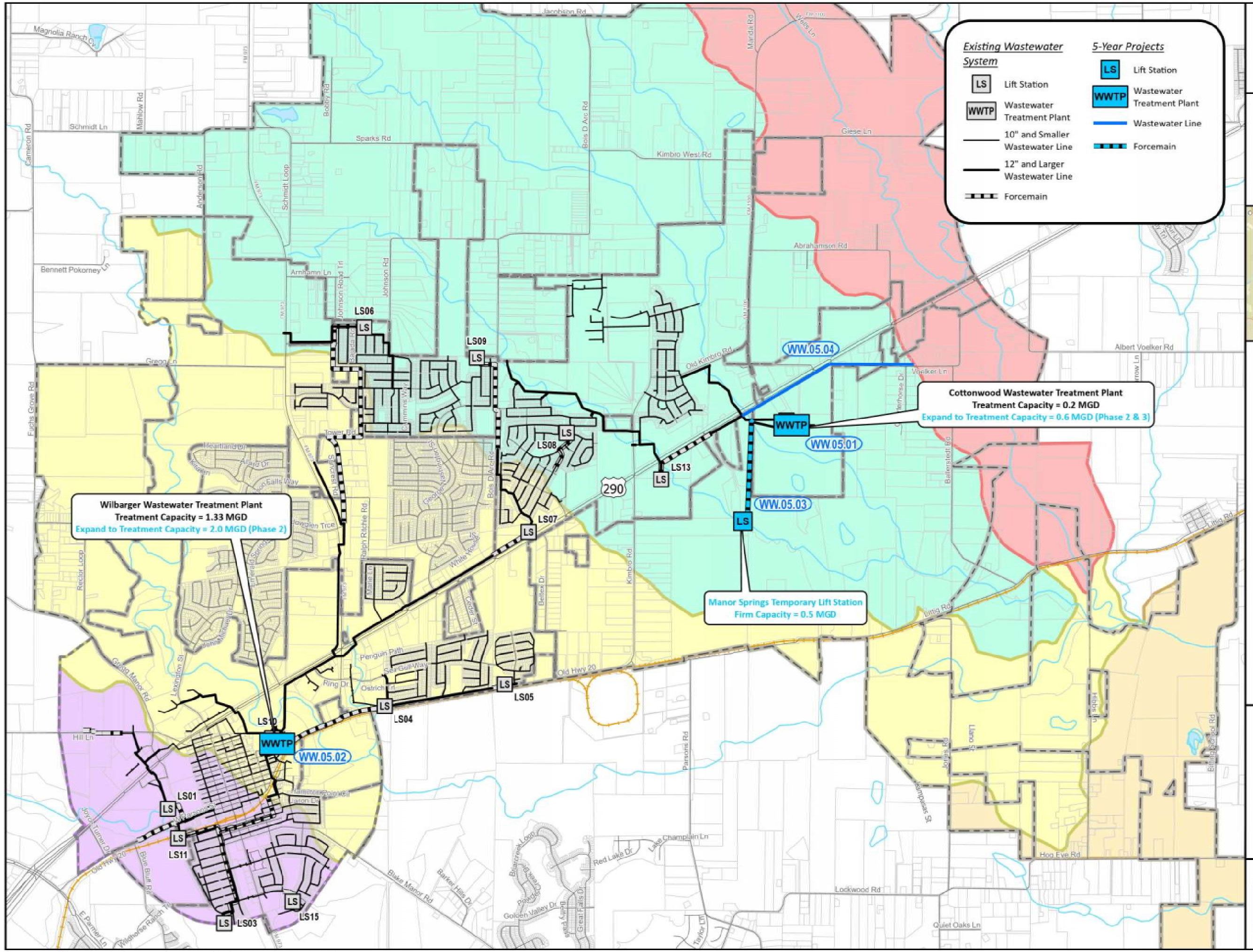
Wilbarger WWTP Expansion Ph. 2 (WW.05.02)

Phase 2 expansion of the Wilbarger WWTP, which would increase capacity from 1.33 MGD to 2.0 MGD, is crucial for keeping pace with projected growth. Current average daily flows to the plant are approximately 75% of the current capacity. The TCEQ Chapter 217 Rules mandate that expansion design begins at 75% capacity and construction starts at 90%. While the current design allows for efficient expansion to 2.0 MGD, further expansion beyond 2.0 MGD would incur significantly higher costs due to the need for increased capacity in ancillary systems, potential permit amendments, and land acquisition. Any opportunity to delay or avoid expansion beyond 2.0 MGD would be advantageous due to these factors.

Extension Projects Summary

There are two future extension projects proposed for the five-year time horizon. The Manor Springs Lift Station (WW.05.03) is proposed due to developer interest in the parcels located north of Littig Rd and east of Old Kimbro Rd. This lift station would be required to provide wastewater service to these parcels and temporarily convey flows to the Cottonwood Creek WWTP. The other five-year extension project includes a 12” gravity extension to serve development along Voelker Ln. and East US-290 (WW.05.04). For a summary of all extension projects, please see Table 7-4.

Two projects identified in the 5-year design storm modeling are either fully designed or being constructed. Therefore, these projects are not being added to the recommended project list for this master plan. They include the Old Hwy 20 Interceptor and LS04 (Bell Farms), both of which serve the Bell Farms and Carriage Hills subdivisions. These sewers and lift stations were shown to be undersized in the 5-year growth condition model, and are currently being addressed as part of ongoing projects.



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7.8 15-year Projects

Fifteen-year projects (projects requiring attention under 15-year growth conditions) are presented in Figure 7-4. Further description of 15-year projects is provided below.

East Travis Regional WWTP (WW.15.01)

The East Travis Regional WWTP is crucial for accommodating future growth in Manor's eastern areas. It is proposed near the intersection of Littig Road and Ballerstedt Road, at the confluence of Cottonwood Creek, Wilbarger Creek, and Willow Creek drainage basins. This WWTP has been conceptualized as part of previous studies and included in the city's recent 10-year wastewater CIP. This plant will serve a larger area than the current Cottonwood Creek WWTP, potentially allowing the City to phase out or repurpose the Cottonwood Creek WWTP. An initial capacity of 1.5 MGD is assumed for the first phase of the regional plant, but additional capacity beyond 1.5 MGD may be required soon after the 15-year time horizon, depending on actual growth conditions.

LS01 Expansion (WW.15.02)

LS01, also referred to as the “Old High School” or “Las Entradas” Lift Station, was shown to be undersized in the 15-year growth conditions model. The 15-year free flow model scenario shows that if this lift station is upsized, then the pipe immediately downstream of the lift station, O09-006_O09-005, may be undersized due to the increase in flow. The downstream pipe currently has a diameter of 12” and it is recommended to be upsized to a diameter of 18”. As previously stated, there is an agreement with the developer that states that they are responsible for the expansion of this lift station.

West Cottonwood Creek Interceptor (WW.15.03)

The West Cottonwood Creek Interceptor was predicted to surcharge during the 15-year growth conditions model run. The 8,050 ft stretch of existing pipe receives flows from the West portion of the Cottonwood Creek basin north of US-290 and flows into LS13 before being pumped east to the Cottonwood Creek WWTP (Figure 7-4). The interceptor currently has pipe sizes ranging from 12” – 18” and is proposed to be upsized to 24” – 27” diameter pipes to convey future flows.

East Cottonwood Creek Interceptor (WW.15.04)

The East Cottonwood Creek Interceptor was predicted to undergo surcharging during the 15-year growth conditions model run. The 3,070 ft stretch of pipe receives flows from the East portion of the Cottonwood Creek Basin north of US-290 (Figure 7-4). The interceptor currently has pipe sizes ranging from 12” – 21” and is proposed to be upsized to 27” – 33” diameter pipes to convey future flows.

FM973 Interceptor (WW.15.05)

The FM973 Interceptor was shown to have undersized pipes and flooding in the 15-year growth conditions model. The stretch of pipe that is proposed to be improved is

approximately 4,220 ft in length and receives and conveys flows from Stonewater, Manor High School, and other growth areas along FM973 (Figure 7-4). The existing pipe segment has a diameter of 15" and is proposed to be upsized to 18".

IMPORTANT: If LS06 (Stonewater) is decommissioned and its flows are rerouted to the proposed East Travis Regional Plant, the FM973 improvements may not be necessary within the planning window of this study, based on modeling results and growth assumptions.

Extension Projects Summary

A majority of the 15-year extension projects are located in the Cottonwood Creek basin due to anticipation of growth in the eastern portions of the City. These projects include approximately 70,000 LF of gravity sewer extensions to serve new growth. In addition, lift stations 6, 8, and 9 are proposed to be decommissioned to alleviate pressure on the Wilbarger WWTP and reduce operational costs, rerouting flows by gravity to the East Travis Regional WWTP (WW.15.19 – WW.15.21). LS13 and the Manor Springs Lift Station and are also proposed to be decommissioned by the 15-year time horizon, assuming the East Travis Regional WWTP and the necessary gravity interceptors are built to allow for decommissioning (WW.15.01, WW.15.06, WW.15.13, WW.15.14).

Growth anticipated in the Willow Creek basin may necessitate the construction of approximately 13,000 LF of gravity interceptor and a roughly 0.65 MGD lift station (WW.15.08, WW.15.09, WW.15.10).

Approximately 8,500 LF of gravity sewer is proposed to serve development along Littig Rd and Kimbro Rd and ultimately convey flows to East Travis Regional WWTP via the South Cottonwood Creek Interceptor (WW.15.15).

The South Wilbarger Creek Lift Station is proposed to serve the southwest portion of the Upper Wilbarger Creek basin within city limits, with an associated capacity of roughly 0.25 MGD (WW.15.18).

For a summary of all extension projects, please see Table 7-4.

City of Manor
Travis County, TX

FIGURE 7-4:
15-YEAR PROJECTS

Legend

Existing Wastewater System

- LS — Lift Station
- WWTP — Wastewater Treatment Plant
- 10" and Smaller Wastewater Line
- 12" and Larger Wastewater Line
- Forcemain

15-Year Projects

- LS — Lift Station
- WWTP — Wastewater Treatment Plant
- Forcemain
- Decommission Forcemain
- Wastewater Line

- Road
- Railroad
- Creek/Stream/River
- Lake
- Manor City Limits
- Manor ETJ

Wastewater Basin

- Cottonwood Creek
- Gilleland Creek
- Lower Wilbarger Creek
- Upper Wilbarger Creek
- Willow Creek

0 0.5 1
Miles

Date: 5/6/2024

GBA

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7.9 Relief Project Prioritization

Relief-type projects for existing interceptors were prioritized based on various factors, such as the number of manholes meeting critical surcharge criteria, total flood loss, and the maximum ratio of 15-year free flow capacity to the existing pipe's full flow capacity. Table 7-3 presents these factors for each relief-type project, which were then ranked within each time horizon. Future extension projects were not prioritized in this way because they were not modeled and are heavily driven by development demands. Relief-type projects are more dependent on modeling results and the condition and capacity of existing interceptors. Extension-type projects should proceed as development requires them, while relief-type projects should proceed after modeling and monitoring confirm increased capacity risks in the existing sewers.

Table 7-3: Existing Infrastructure Project Prioritization

Project ID	Project Name	Time Horizon	Total Flood Volume[(1)] (MG)	No. of MHs Exceeding Surcharge Criteria[(1)]	Max. 15-year Free Flow-to-Existing Capacity Ratio	Relief Project Priority Rank
WW.00.01	Llano/Lampasas St Interceptor	Present Day	0	6	4.0	1
WW.00.02	Pyrite Rd Interceptor	Present Day	0	7	2.3	2
WW.00.03	US-290 Interceptor	Present Day	0	1	4.0	3
WW.15.03	West Cottonwood Creek Interceptor	15-year	0.08	20	2.7	4
WW.15.02	FM973 Interceptor	15-year	0.07	12	1.3	5
WW.15.04	East Cottonwood Creek Interceptor	15-year	0	7	2.9	6
WW.15.01	Lift Station 1 Expansion	15-year	N/A	N/A	N/A	7

(1): Data presented is derived from the model corresponding to the designated time horizon for each project.

***IMPORTANT**: Actual order of project implementation will depend on actual growth conditions and confirmation of project needs based on flow monitoring and investigation.*

7.10 Extension Projects Summary

Table 7-4 provides further description of extension-type projects conceptualized for the plan. Extension-type projects are those that extend City sewer service out beyond current service limits with new interceptors, lift stations, and force main. These projects are primarily development and growth driven.

Table 7-4: Extension Projects Summary

Project ID	Project Name	Time Horizon	Project Description
WW.05.03	Manor Springs Lift Station Improvements	5-year	This project includes a temporary 0.5 MGD Lift Station and a 12" Forcemain that will discharge into the Cottonwood Creek Wastewater Interceptor. Flows will go the Cottonwood Creek WWTP until the East Travis Regional WWTP is built. The temporary Lift Station will be decommissioned once the East Travis Regional WWTP and wastewater interceptors are built.
WW.05.04	Voelker Ln. Wastewater Improvements	5-year	This project includes a 12" Gravity Main that will discharge into the Cottonwood Creek Wastewater interceptor. This wastewater line will serve development along Voelker Ln. and East US-290.
WW.15.06	South Cottonwood Creek Wastewater Interceptor Improvements Phase 1	15-year	This interceptor includes a 39", 42" and 45" Gravity Main in the Cottonwood Creek basin. The interceptor will run from the Cottonwood Creek WWTP to the East Travis Regional WWTP.
WW.15.07	South Cottonwood Creek Wastewater Interceptor Improvements Phase 2	15-year	This interceptor includes a 36" Gravity Main in the Cottonwood Creek basin. The interceptor will run from the Cottonwood Creek WWTP to the East Travis Regional WWTP.
WW.15.08	Willow Creek Lift Station Improvements	15-year	This project includes a temporary 0.65 MGD Lift Station, a 6" Forcemain, and a 27" Gravity Main that will discharge into the Cottonwood Creek Wastewater Interceptor. Flows will go the Cottonwood Creek WWTP until the East Travis Regional WWTP is built. The temporary Lift Station will be decommissioned once the East Travis Regional WWTP and wastewater interceptors are built.
WW.15.09	Willow Creek West Tributary Wastewater Interceptor Improvements Phase 1	15-year	This interceptor includes a 24" Gravity Main in the Willow Creek basin. The interceptor will connect to the temporary Willow Creek Lift Station.
WW.15.10	Willow Creek West Tributary Wastewater Interceptor Improvements Phase 2	15-year	This interceptor includes a 15", 18", and 21" Gravity Main in the Willow Creek basin.
WW.15.11	East US-290 Wastewater Improvements	15-year	This project includes a 15" Gravity Main on the Cottonwood Creek basin. This wastewater will serve development along East US-290.
WW.15.12	North Cottonwood Creek East Tributary Wastewater Interceptor Improvements	15-year	This interceptor includes a 15" and 18" Gravity Main in the Cottonwood Creek basin.
WW.15.13	South Cottonwood Creek West Tributary Wastewater Interceptor Improvements Phase 1	15-year	This interceptor includes a 27" Gravity Main in the Cottonwood Creek basin. The interceptor will connect to the North Cottonwood Creek West Tributary Wastewater Interceptor and relieve flows going to the Cottonwood Creek WWTP. This project will also include the decommissioning of the Manor Springs Lift Station after completion of this interceptor.
WW.15.14	South Cottonwood Creek West Tributary Wastewater Interceptor Improvements Phase 2	15-year	This interceptor includes a 27" Gravity Main in the Cottonwood Creek basin. This project will also include the decommissioning of Lift Station #13 after completion of this interceptor.
WW.15.15	Littig Rd. Wastewater Improvements	15-year	This project includes a 12" Gravity Main that will discharge into the South Cottonwood Creek Interceptor. This wastewater main will serve development along Littig and Kimbro Rd.
WW.15.16	North Cottonwood Creek Wastewater Interceptor Improvements Phase 1	15-year	This interceptor includes a 21" and 24" Gravity Main in the Cottonwood Creek basin.
WW.15.17	North Cottonwood Creek Wastewater Interceptor Improvements Phase 2	15-year	This interceptor includes a 12" and 18" Gravity Main in the Cottonwood Creek basin.
WW.15.18	South Wilbarger Creek Lift Station Improvements	15-year	This project includes a 0.25 MGD Lift Station and a 4" Forcemain serving the south western portion of the Upper Wilbarger Creek basin within city limits.
WW.15.19	Lift Station #6 Decommissioning	15-year	This project includes decommissioning Lift Station #6 and a 18" Gravity Main connecting to the North Cottonwood Creek West Tributary Interceptor.
WW.15.20	Lift Station #8 Decommissioning	15-year	This project includes decommissioning Lift Station #8 and a 12" Gravity Main connecting to the North Cottonwood Creek West Tributary Interceptor.
WW.15.21	Lift Station #9 Decommissioning	15-year	This project includes decommissioning Lift Station #9 and a 12" Gravity Main connecting to the North Cottonwood Creek West Tributary Interceptor.

Appendix A: Manhole Survey Summary Maps

Manor, TX - Manhole Survey Inspection Status

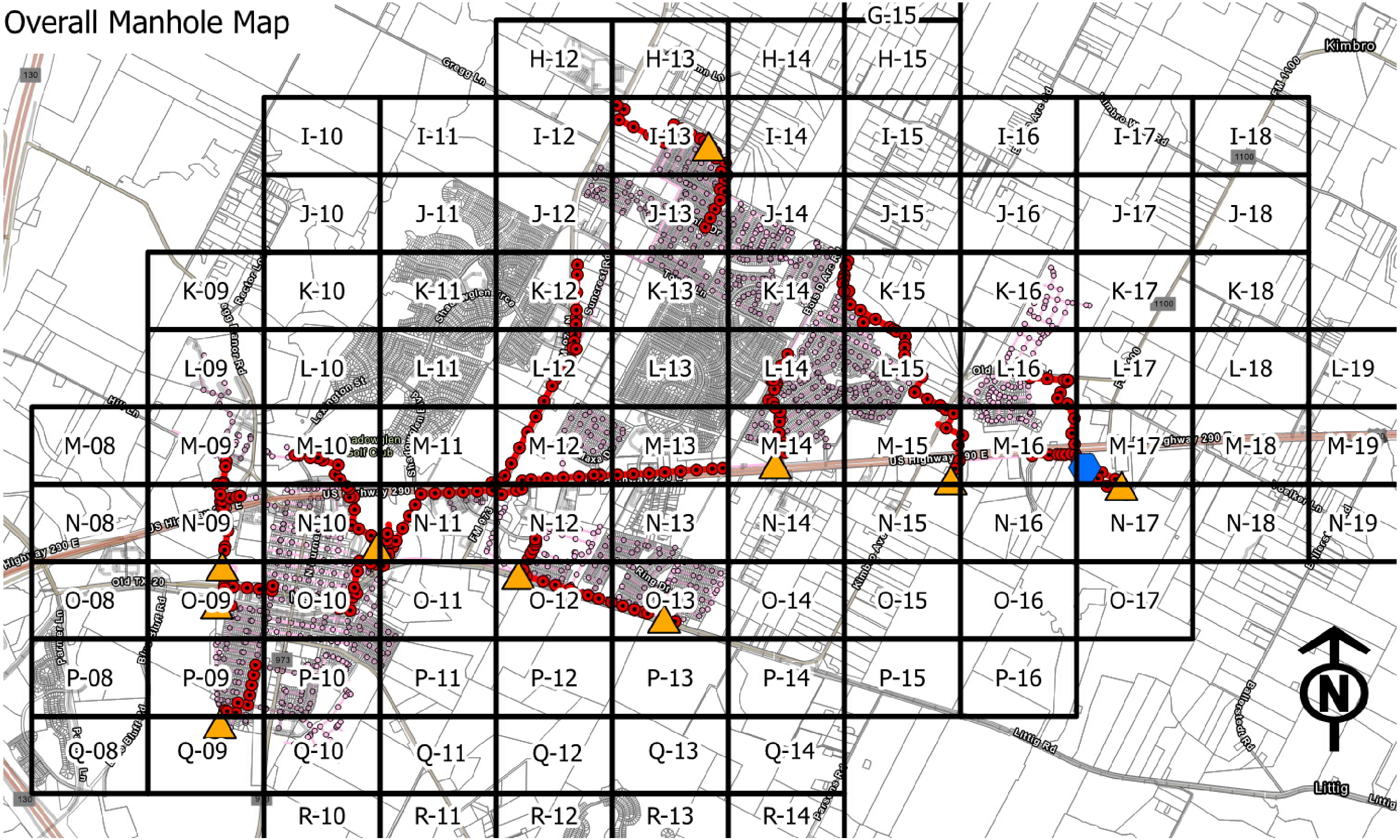
Legend

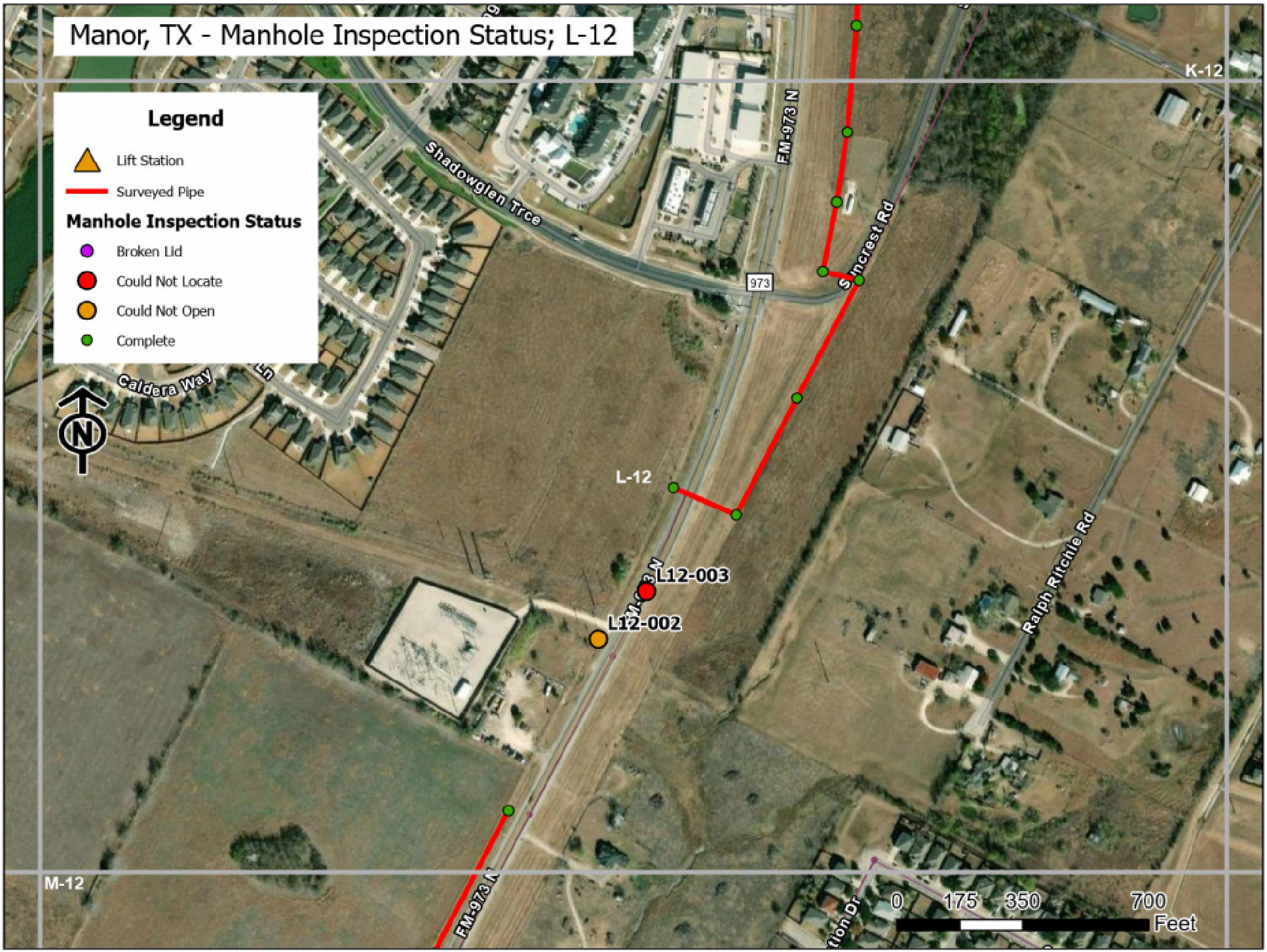
Manhole Inspection Status

- Abandoned w/ Broken Lid
- CNL
- CNO
- Complete
- LS — Lift Station
- Sewer Main

0.5 0.25 0 0.5 1 Miles

Overall Manhole Map

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Could Not Open
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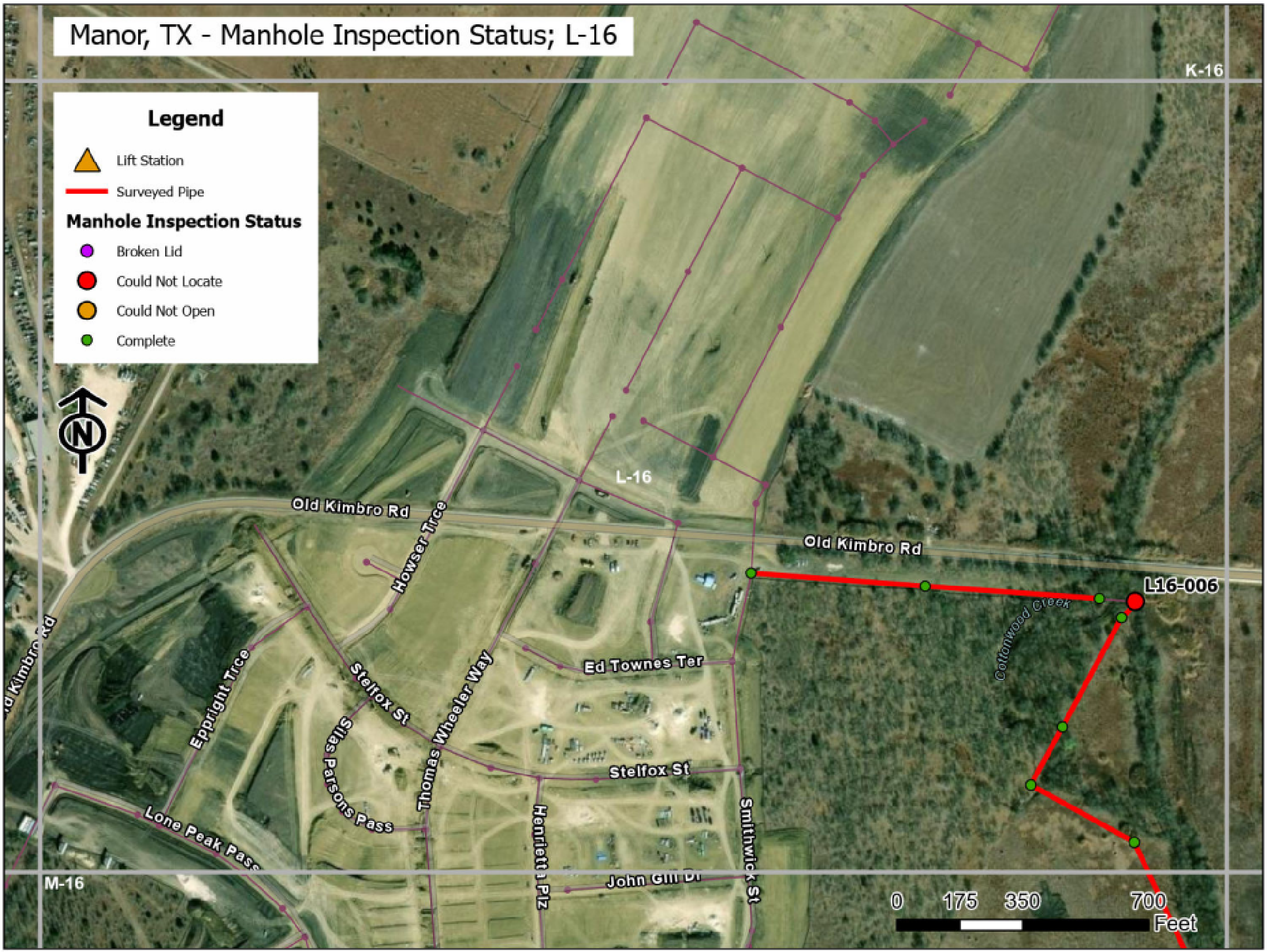
K-12
M-12
Shadowglen Trce
FM-973 N
S Increst Rd
973
Caldera Way
L-12
L12-003
L12-002
Ralph Ritchie Rd
0
175
350
700
Feet


Manor, TX - Manhole Inspection Status; L-14
Legend
Lift Station
Surveyed Pipe
Manhole Inspection Status
Broken Lid
Could Not Locate
Could Not Open
Complete
L14-032
L-14
K-14
M-14
Tower Ln
Lady Bird Johnson St
Inaugural St
Rushmore St
Paseo de Presidente Blvd
Bois D Arc Rd
Martin Rd
Ellary Ln
Revolutionary Trl
Per Lange Pass
Andrew Johnson St
Henry A Wallace Ln
Hubert R Humphrey Rd
1st Lady St
Abraham Lincoln St
James Manor St
0
175
350
700
Feet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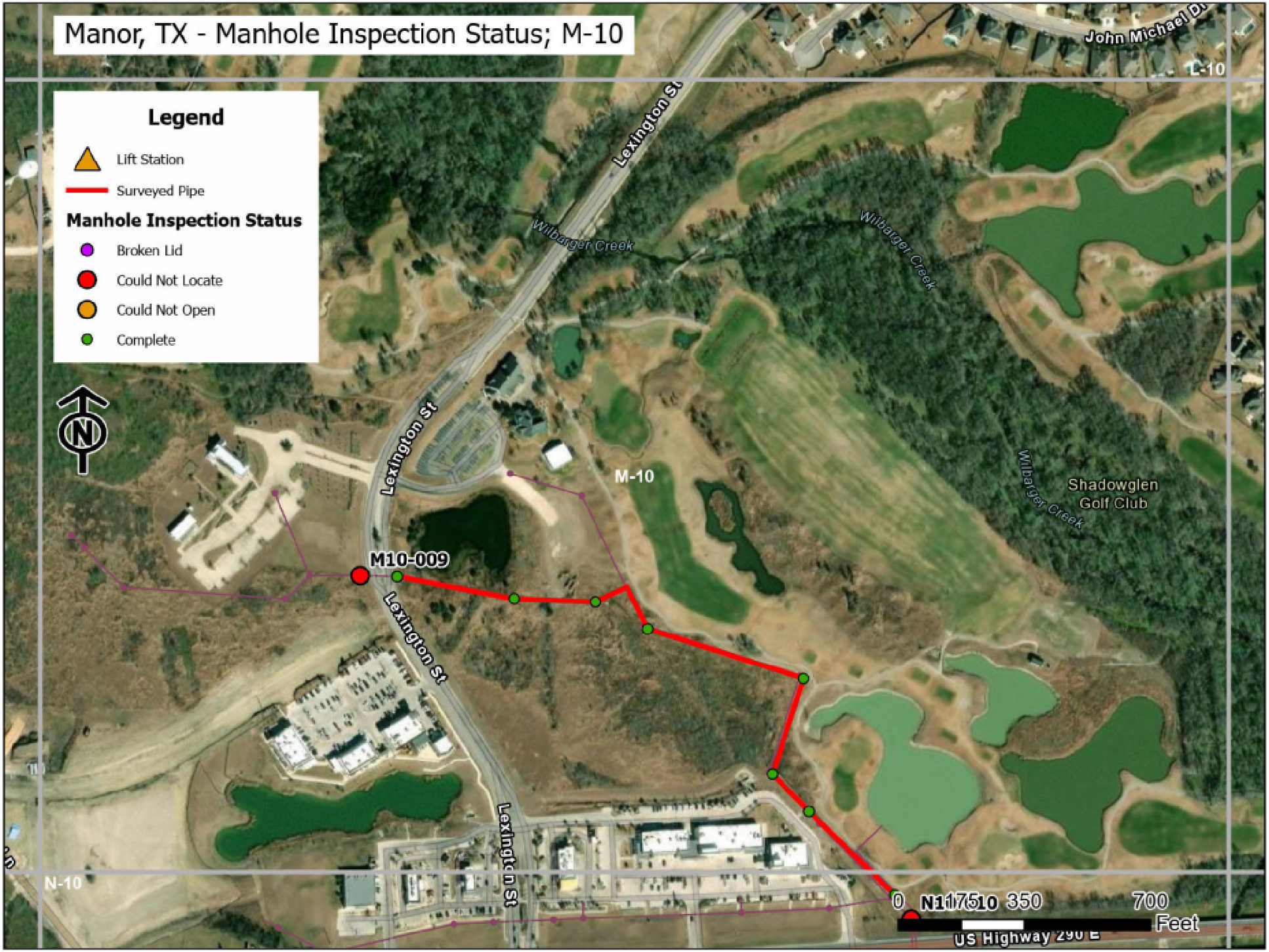
N
K-16
L-16
M-16
Old Kimbro Rd
Old Kimbro Rd
Howser Trce
Eppright Trce
Stelfox St
Silas Parsons Pass
Thomas Wheeler Way
Ed Townes Ter
Stelfox St
Lone Peak Pass
Henrietta Plz
John Gill Dr
Smithwick St
Cottonwood Creek
L16-006
0
175
350
700
Feet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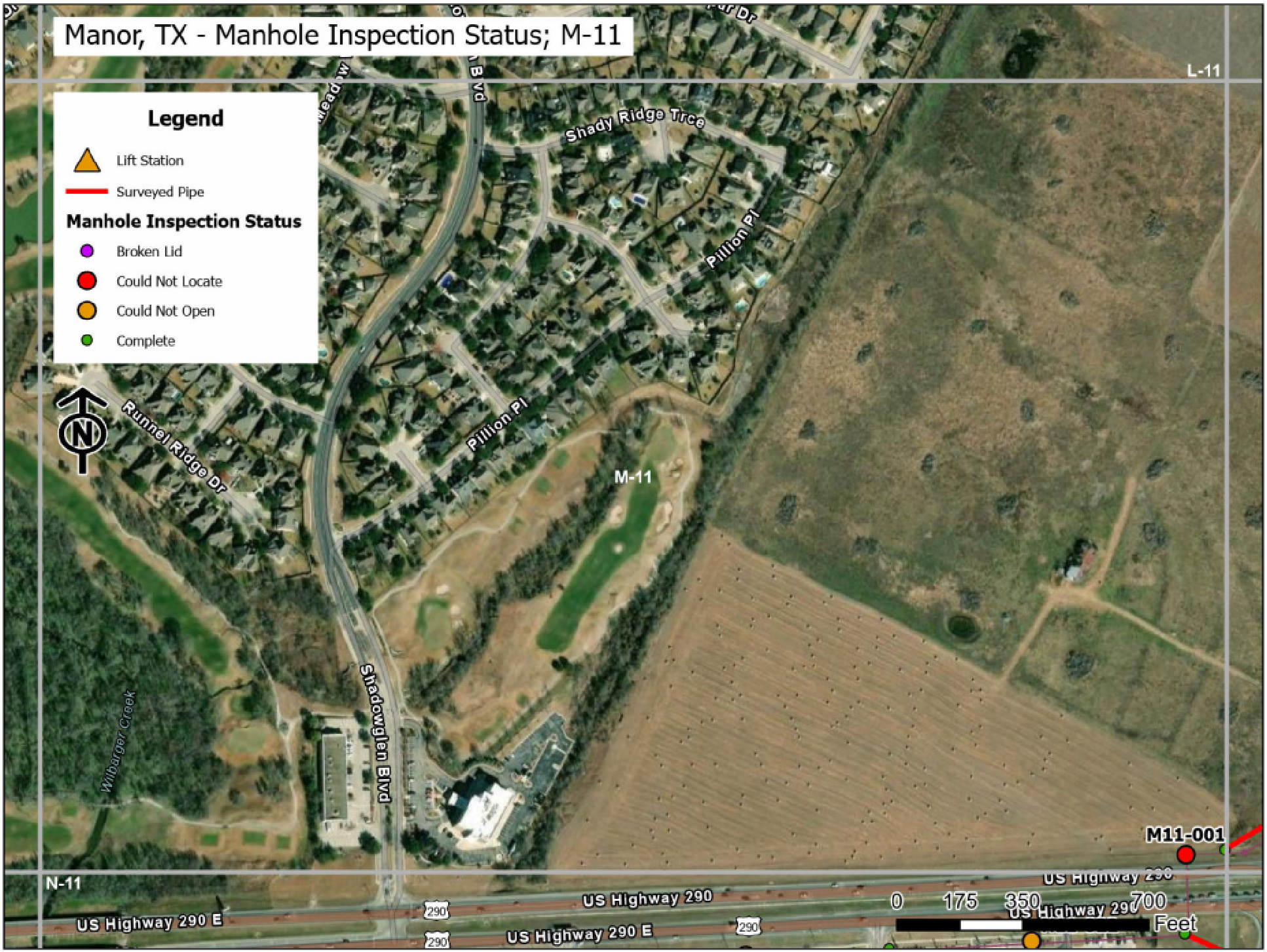
N
Lexington St
Wilbarger Creek
M-10
M10-009
Shadowglen
Golf Club
John Michael Dr
L-10
N-10
0
350
700
Feet
US Highway 290 E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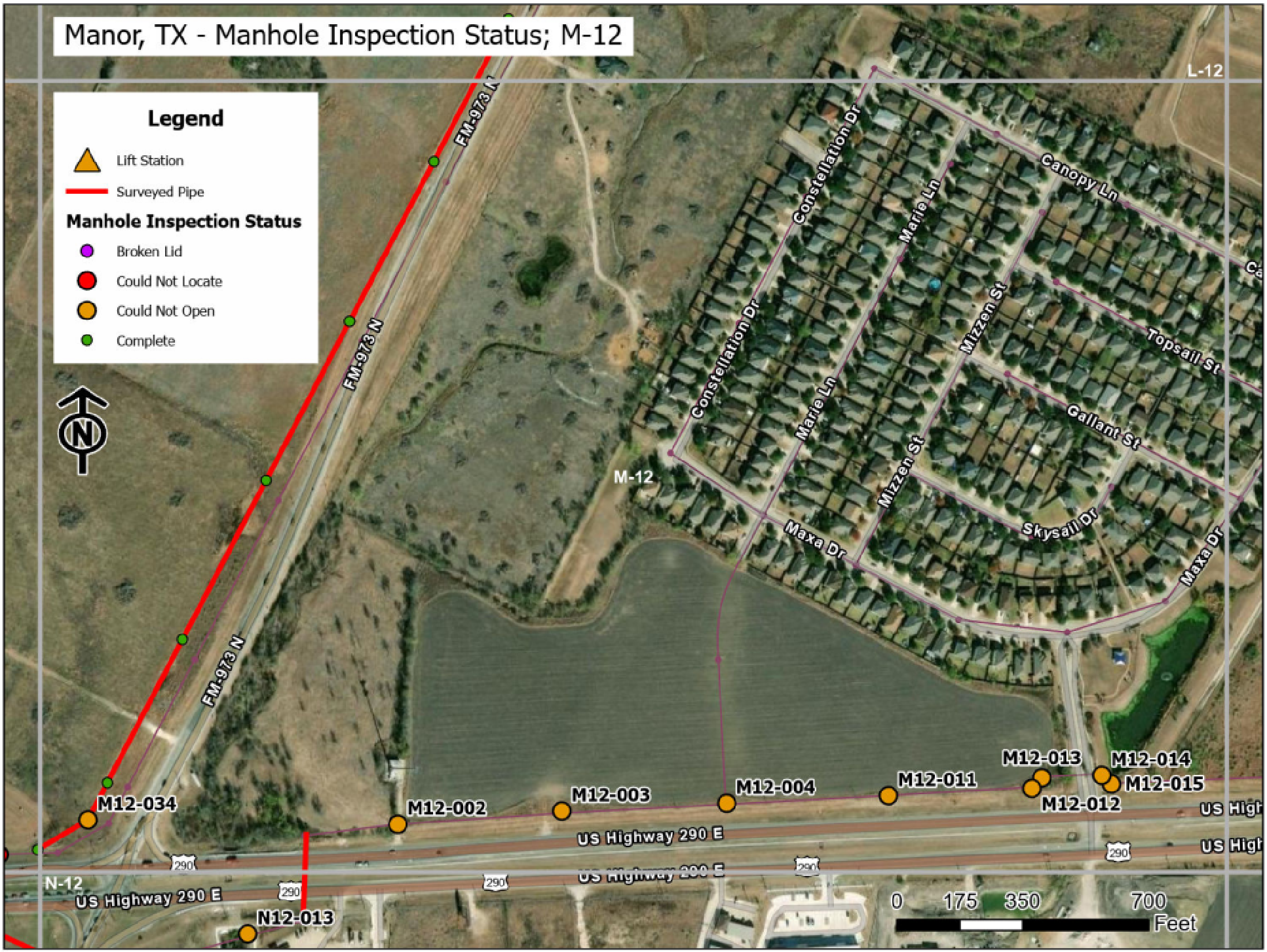
Complete
L-11
N-11
M-11
M11-001
Shady Ridge Trce
Pillion Pl
Runnel Ridge Dr
Shadowglen Blvd
Wilbarger Creek
US Highway 290
US Highway 290 E
290
0
175
350
700
Feet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FM-973 N
Constellation Dr
Marie Ln
Canopy Ln
Mizzen St
Topsail St
Gallant St
Skysail Dr
Maxa Dr
L-12
M-12
N-12
US Highway 290 E
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M12-034
M12-002
M12-003
M12-004
M12-011
M12-013
M12-014
M12-015
M12-012
N12-013
0
175
350
700
Feet


Manor, TX - Manhole Inspection Status; M-13
Legend
Lift Station
Surveyed Pipe
Manhole Inspection Status
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Could Not Open
Complete
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George Bush St
James Polk St
John Tyler St
James Monroe St
M-13
William Harrison St
M13-001
M13-006
M13-007
US Highway 290 E
290
L-13
N-13
0 175 350 700
Feet


Manor, TX - Manhole Inspection Status; M-14
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Lift Station
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Cabinet Dr
James Manor St
WT Gallaway St
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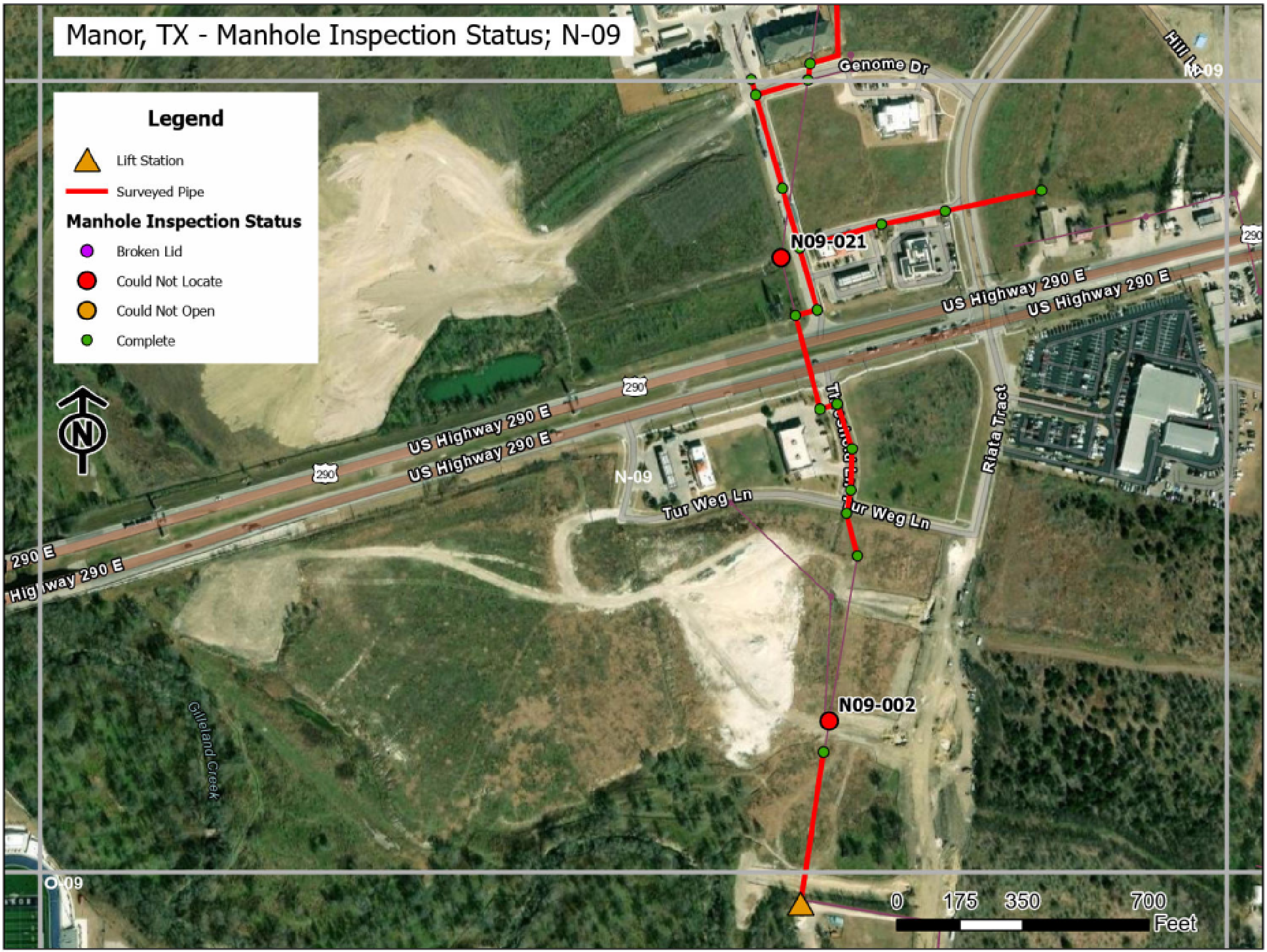
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N09-002
Genome Dr
US Highway 290 E
US Highway 290 E
US Highway 290 E
US Highway 290 E
290
290
290
N-09
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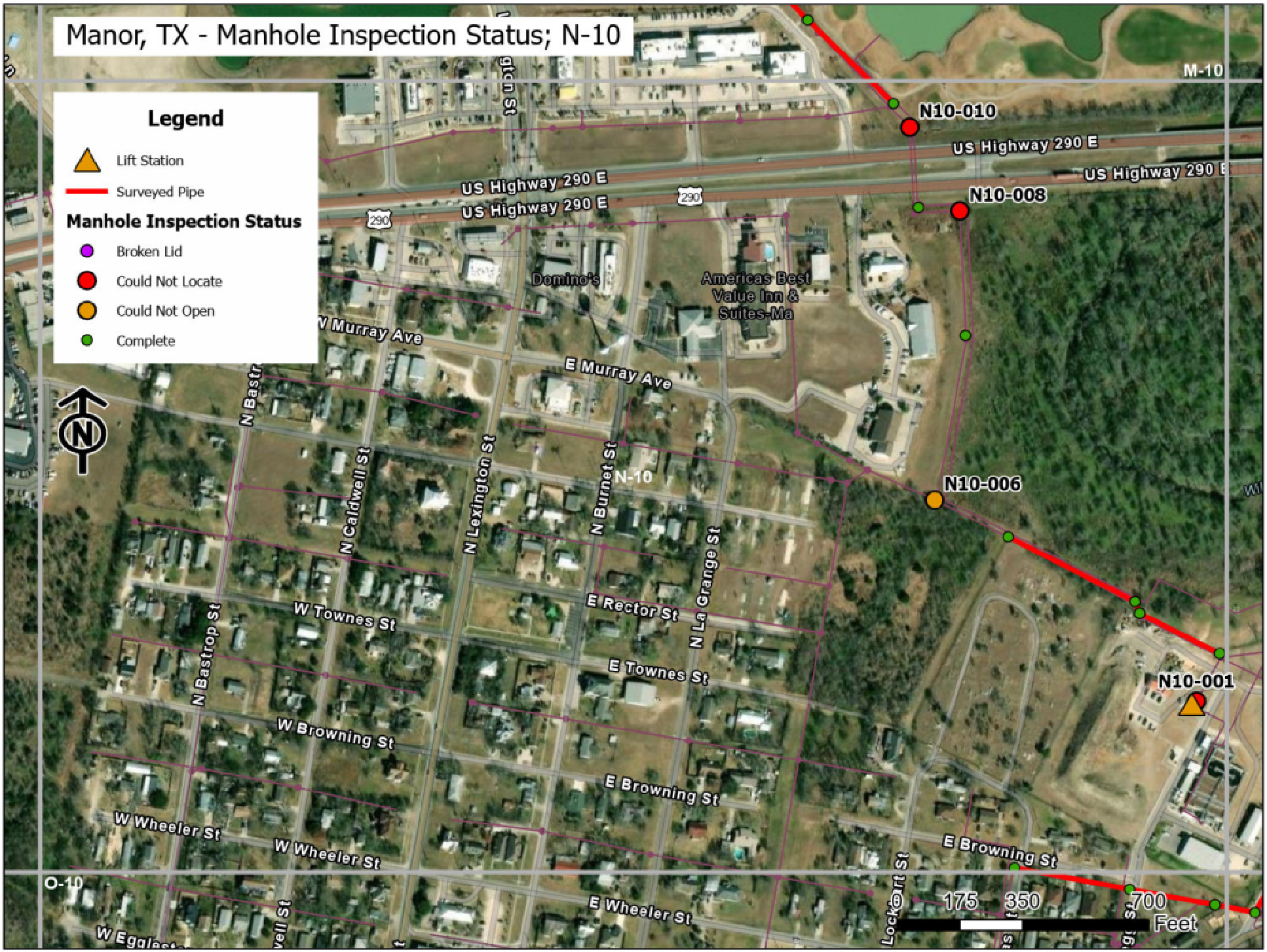
Tur Weg Ln
Riata Tract
Gilleland Creek
0
175
350
700
Feet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Lift Station
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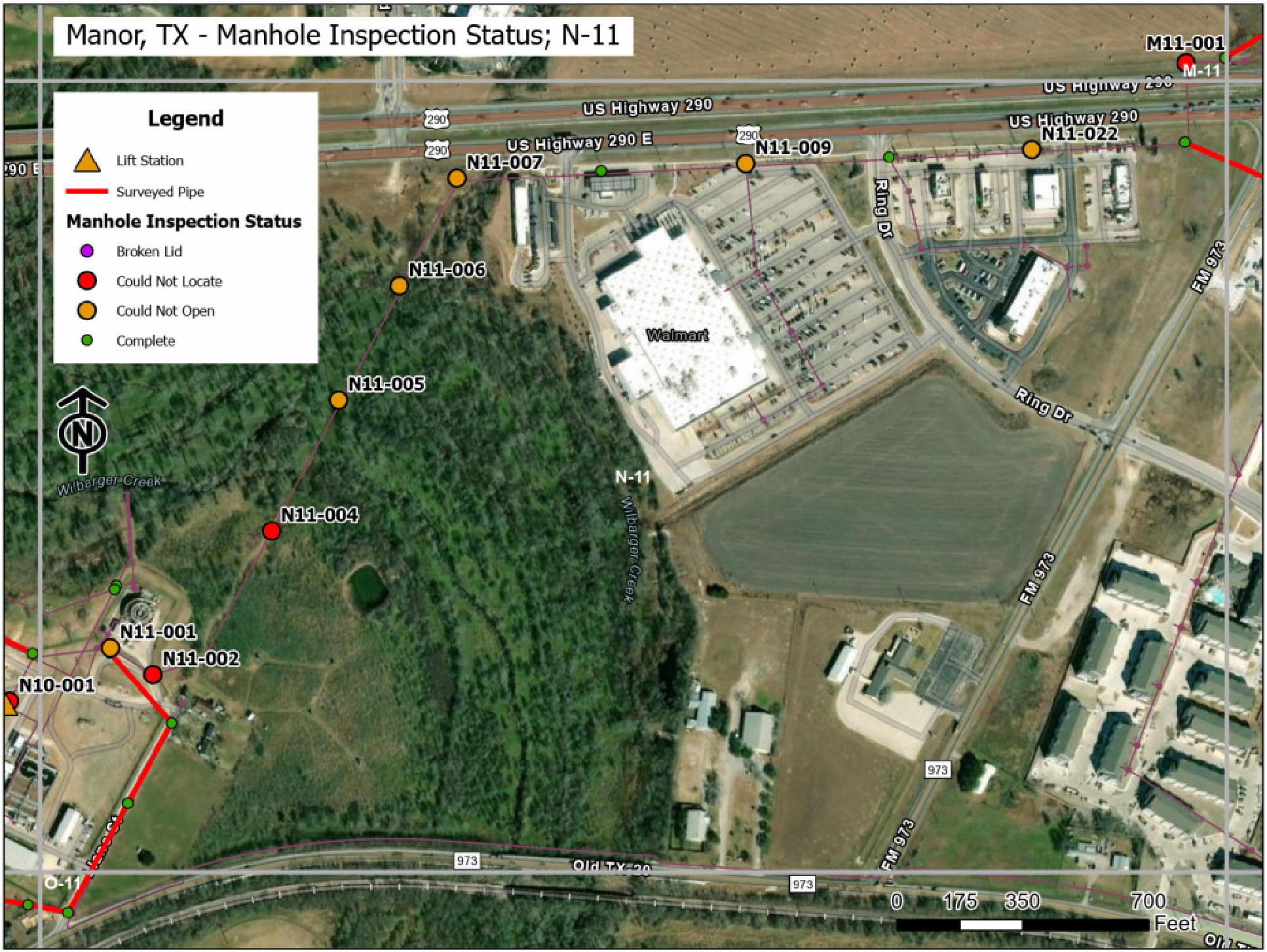
N10-008
N10-006
N10-001
N-10
M-10
O-10
US Highway 290 E
290
Domino's
Americas Best Value Inn & Suites-Ma
E Murray Ave
N Caldwell St
N Lexington St
N Burnet St
N La Grange St
N Bastrop St
W Townes St
E Rector St
E Townes St
W Browning St
E Browning St
W Wheeler St
E Wheeler St
Lockhart St
0
175
350
700
Feet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US Highway 290
N11-022
N11-009
N11-007
N11-006
N11-005
N11-004
N11-001
N11-002
N10-001
Walmart
Ring Dr
Ring Dr
FM 973
FM 973
FM 973
N-11
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973
973
973
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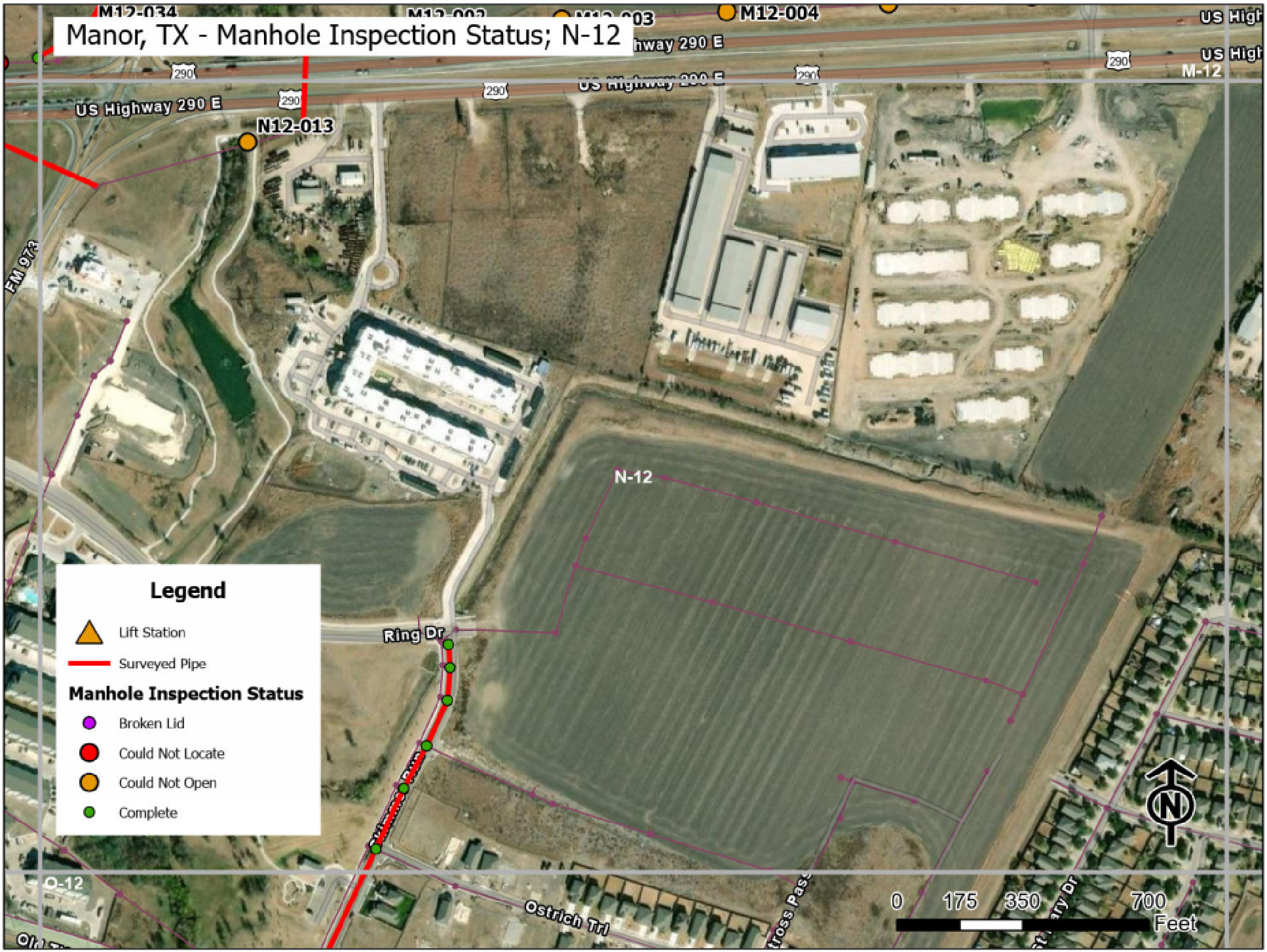
0
175
350
700
Feet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FM 973
N-12
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Ostrich Trl
Legend
Lift Station
Surveyed Pipe
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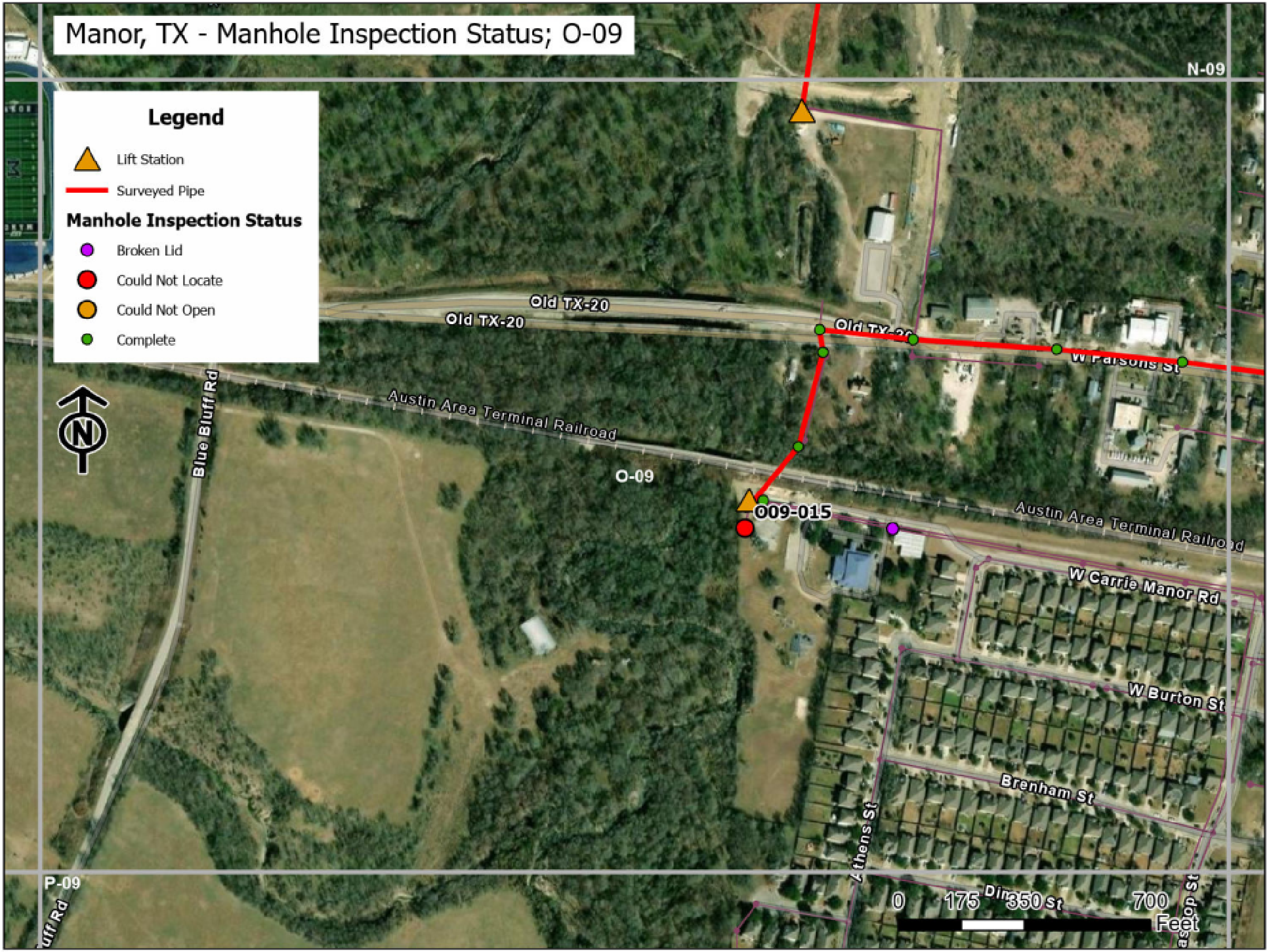
Could Not Open
Complete
0
175
350
700
Feet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Old TX-20
Old TX-20
Old TX-20
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Austin Area Terminal Railroad
Blue Bluff Rd
O-09
O09-015
Austin Area Terminal Railroad
W Carrie Manor Rd
W Burton St
Brenham St
Athens St
P-09
0
175
350
700
Feet


Manor, TX - Manhole Inspection Status; O-10
Legend
Lift Station
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O10-041
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E Wheeler St
N Lockhart St
Gregg St
E Parsons St
N Lexington St
N Burnet St
E Eggleston St
N San Marcos St
E Boyce St
N Lockhart St
S Lampasas St
E John Nagle St
Smith Ln
S Bastrop St
S Lexington St
Ramos Restaurant
E Parsons St
Austin Area Terminal Railroad
Jesse St
S Lexington St
S Burnet St
S San Marcos St
E Burton St
W Brenham St
Jaron Dr
Blake Manor Rd
N-10
P-10
0 175 350 700
Feet


Manor, TX - Manhole Inspection Status; O-13
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Lift Station
Surveyed Pipe
Manhole Inspection Status
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Could Not Open
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P-13
Snow Ln
Carillon Way
Pine Needle St
Forest Sage St
High Sierra St
Ring Dr
Casting Dr
Pealing Way
O13-001
O13-002
O13-004
O-13
Old TX-20
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175
350
700
Feet

Appendix B: Dry Weather Calibration Summary

FM 01

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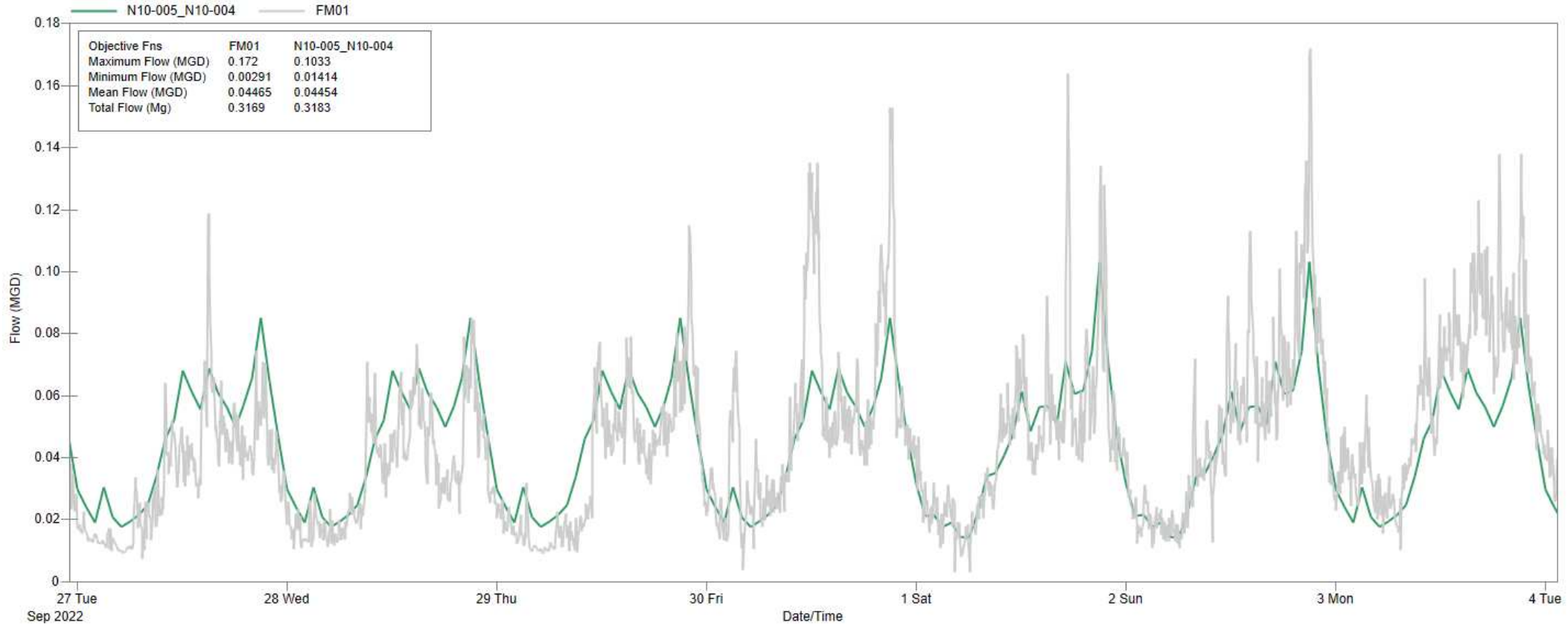

FM 02

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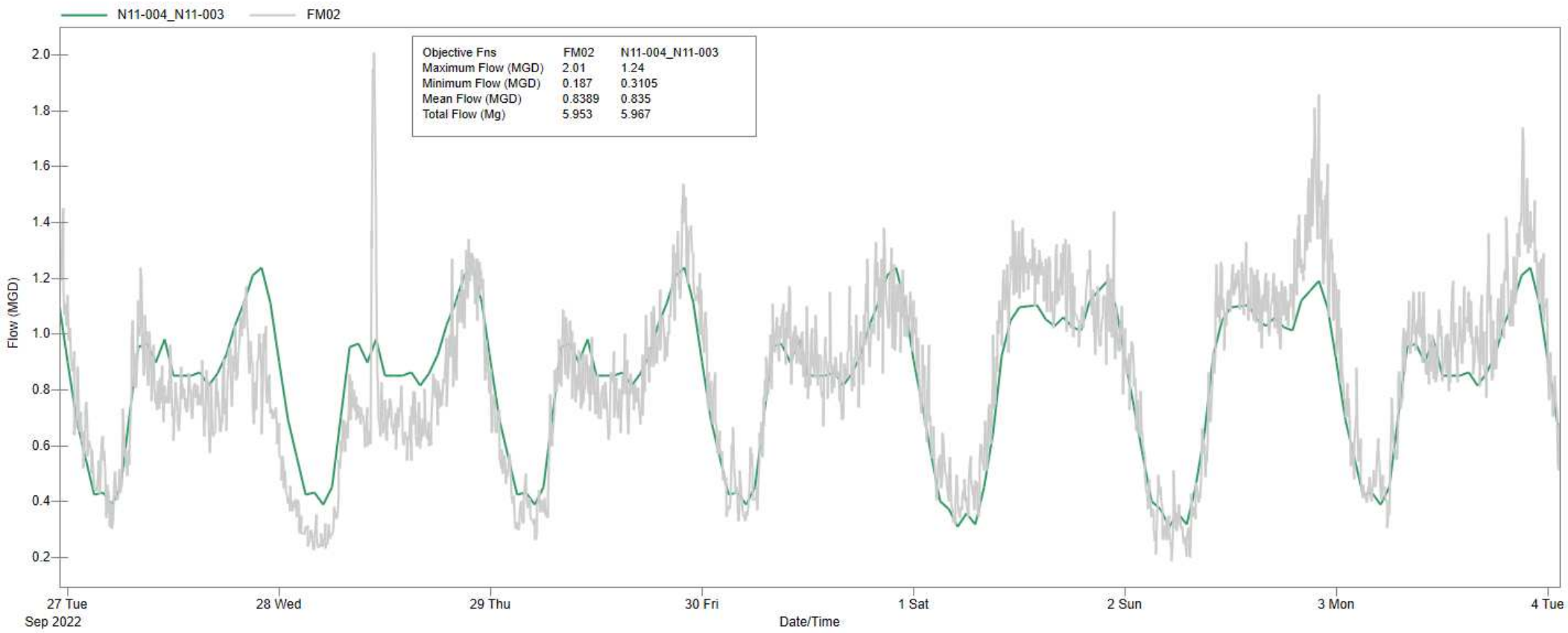

FM 02A

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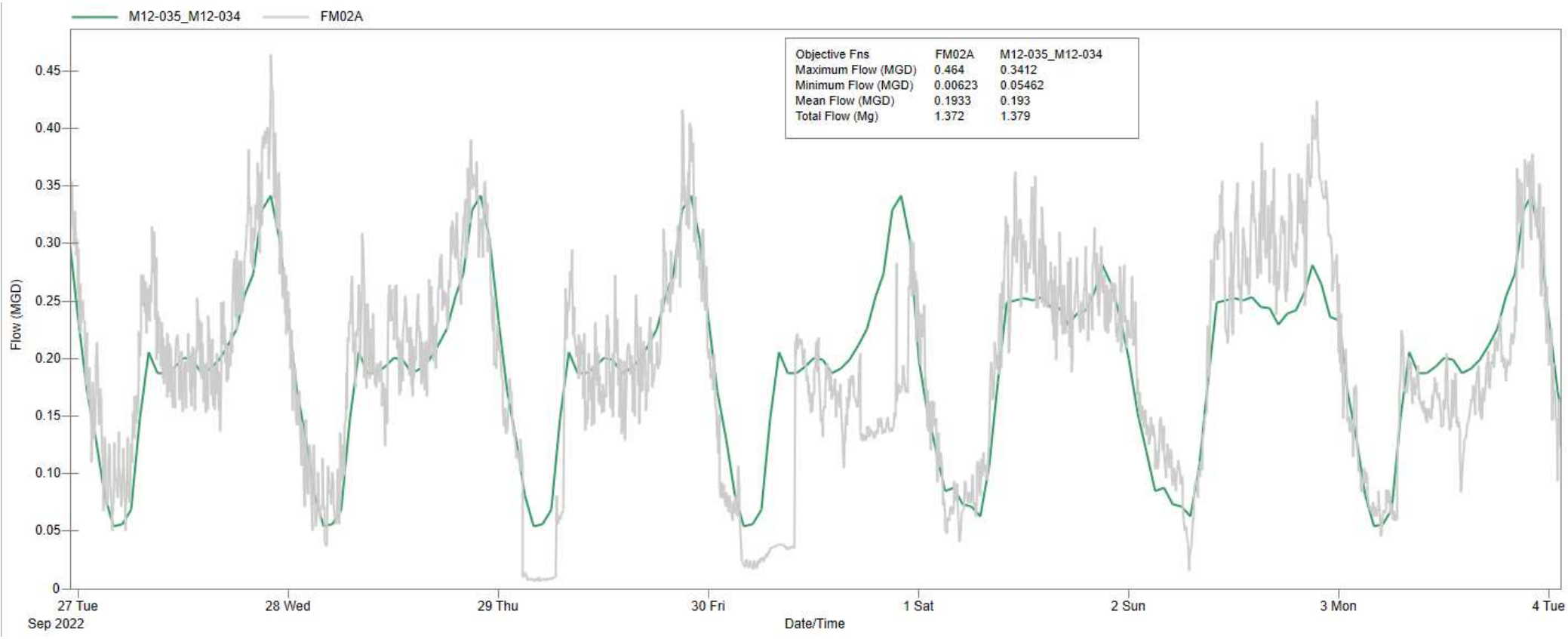
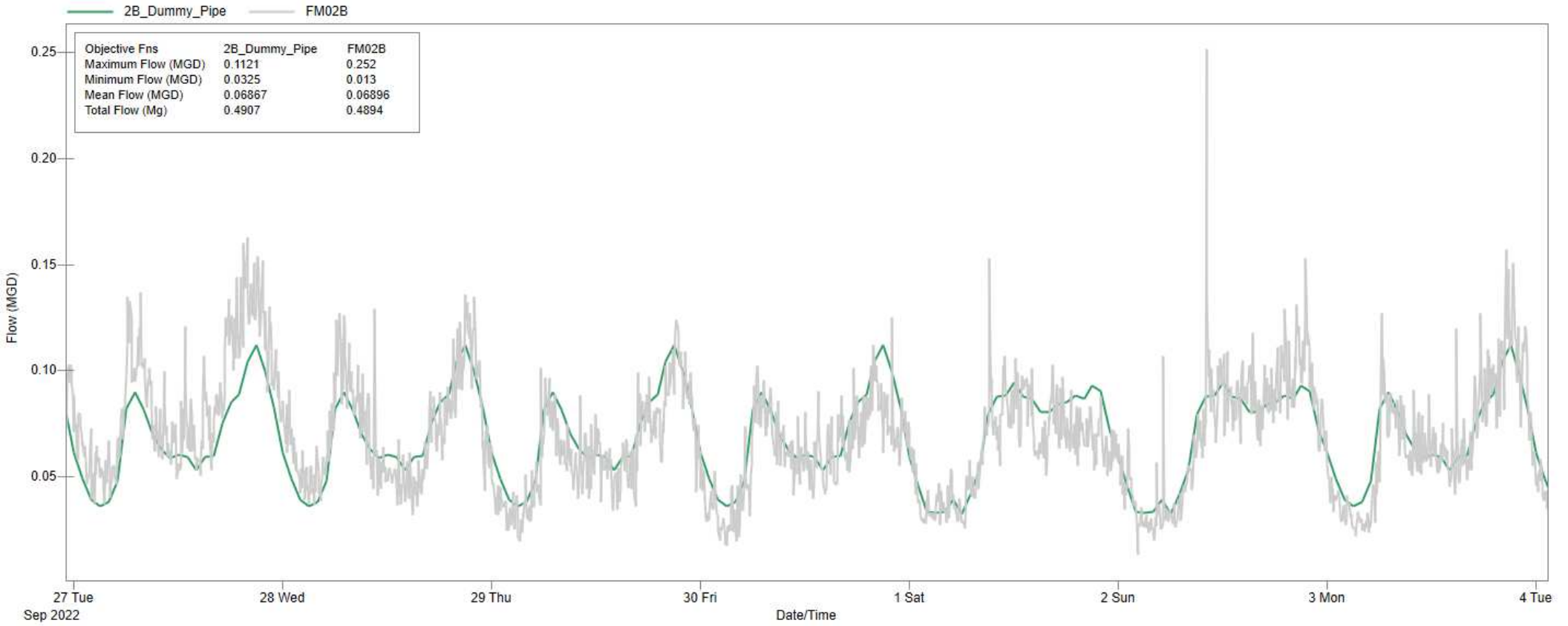


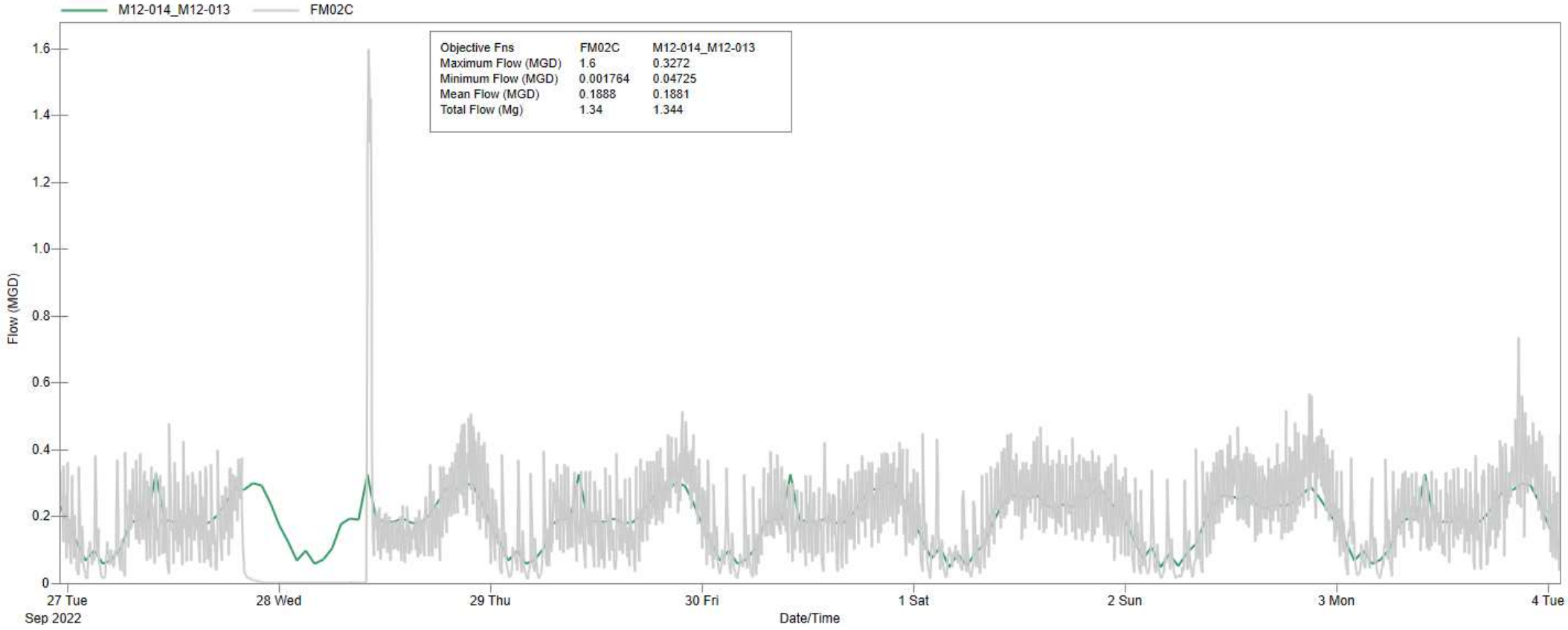
FM 02B

Model: Meter:

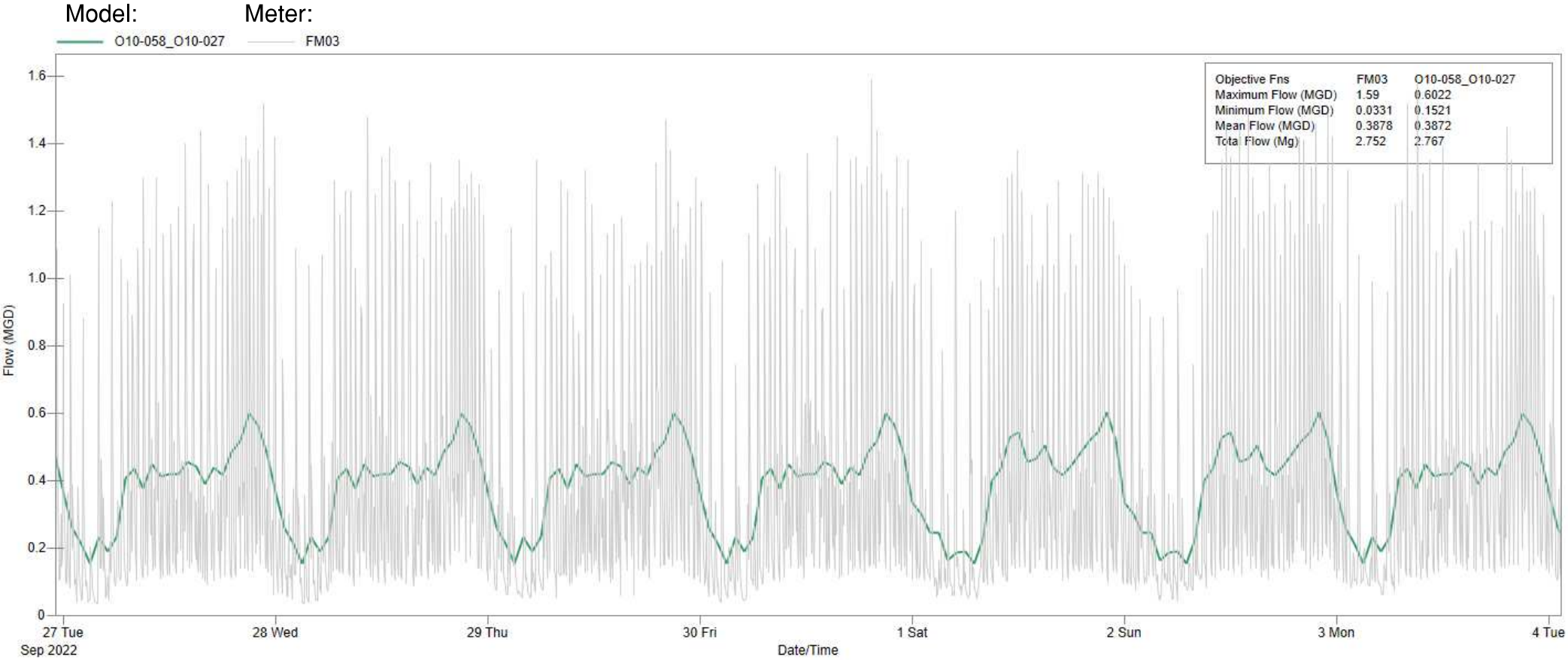


FM 02C

Model: Meter:



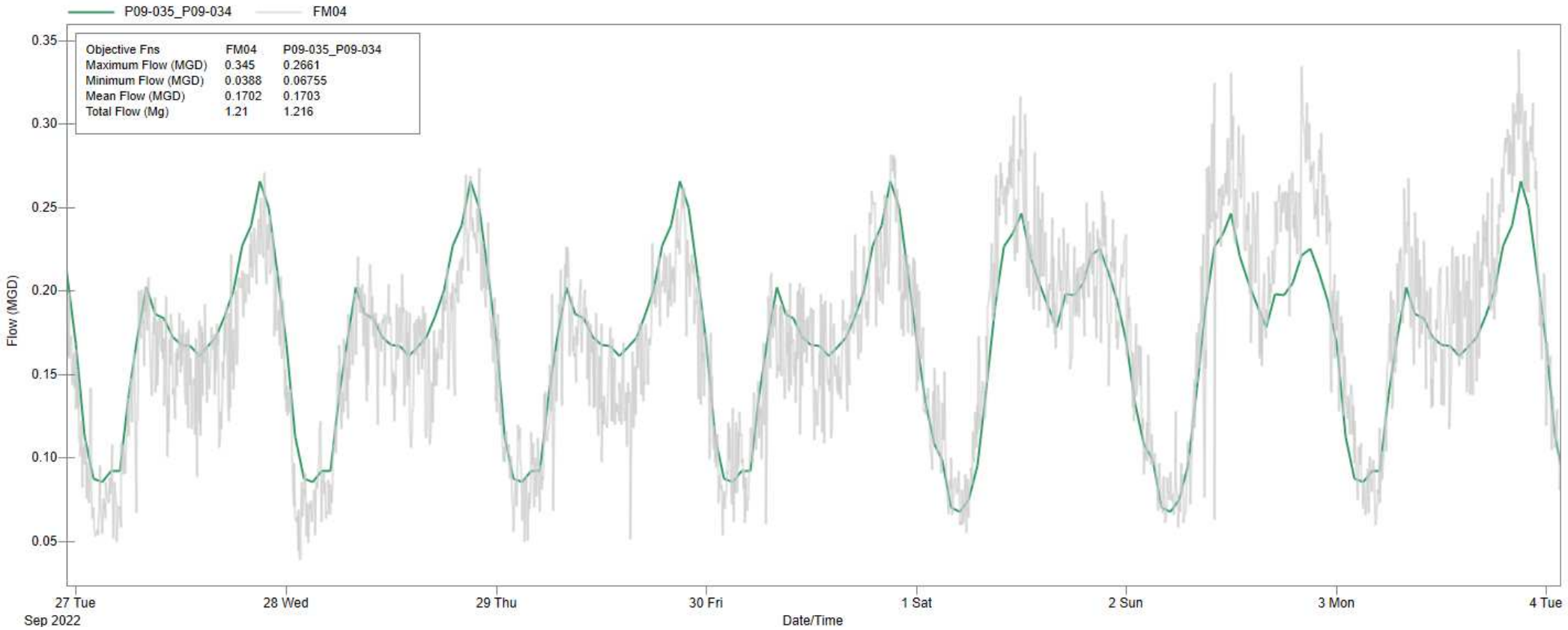
FM 03



*Spikes in metered flows are indicative of lift station flow characteristics. FM03 is located downstream of several lift stations, namely LS03 (Wildhorse Creek LS) and LS11 (Carrie Manor LS). Model are reflective of average flows rather than erratic spikes.

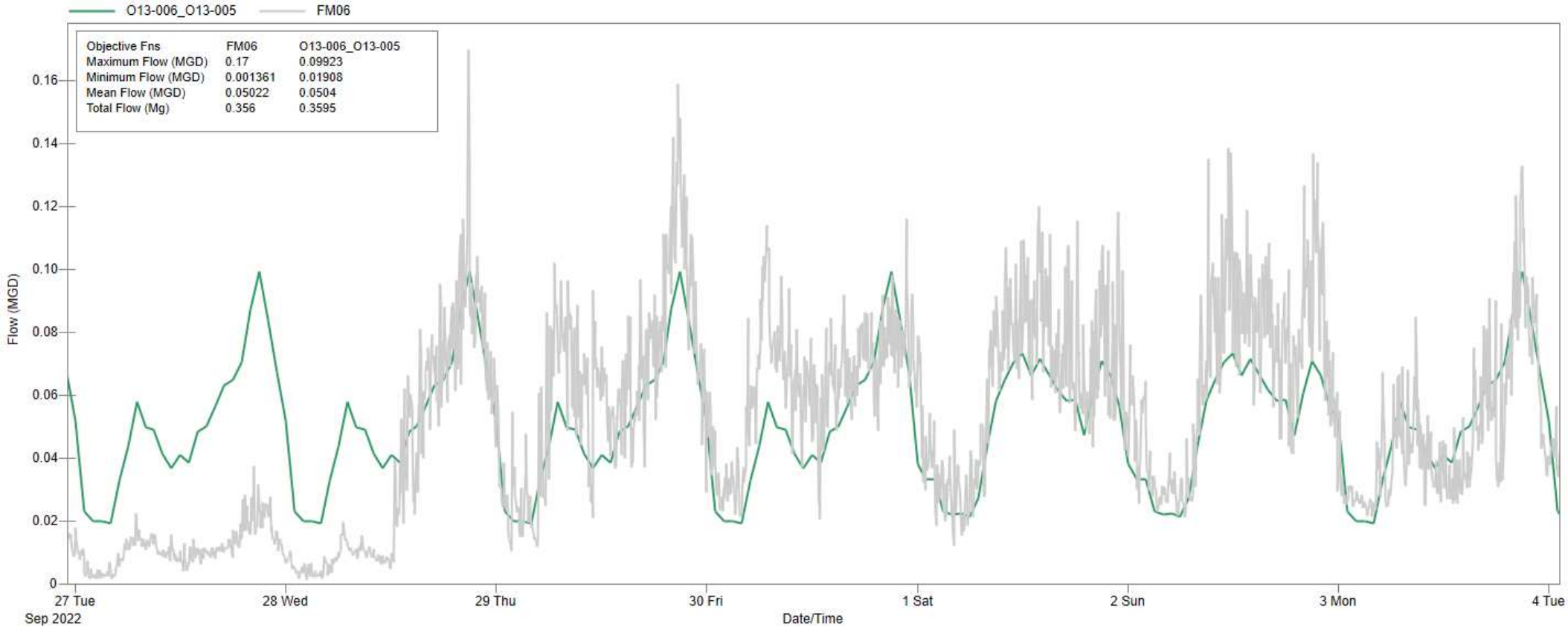
FM 04

Model: Meter:



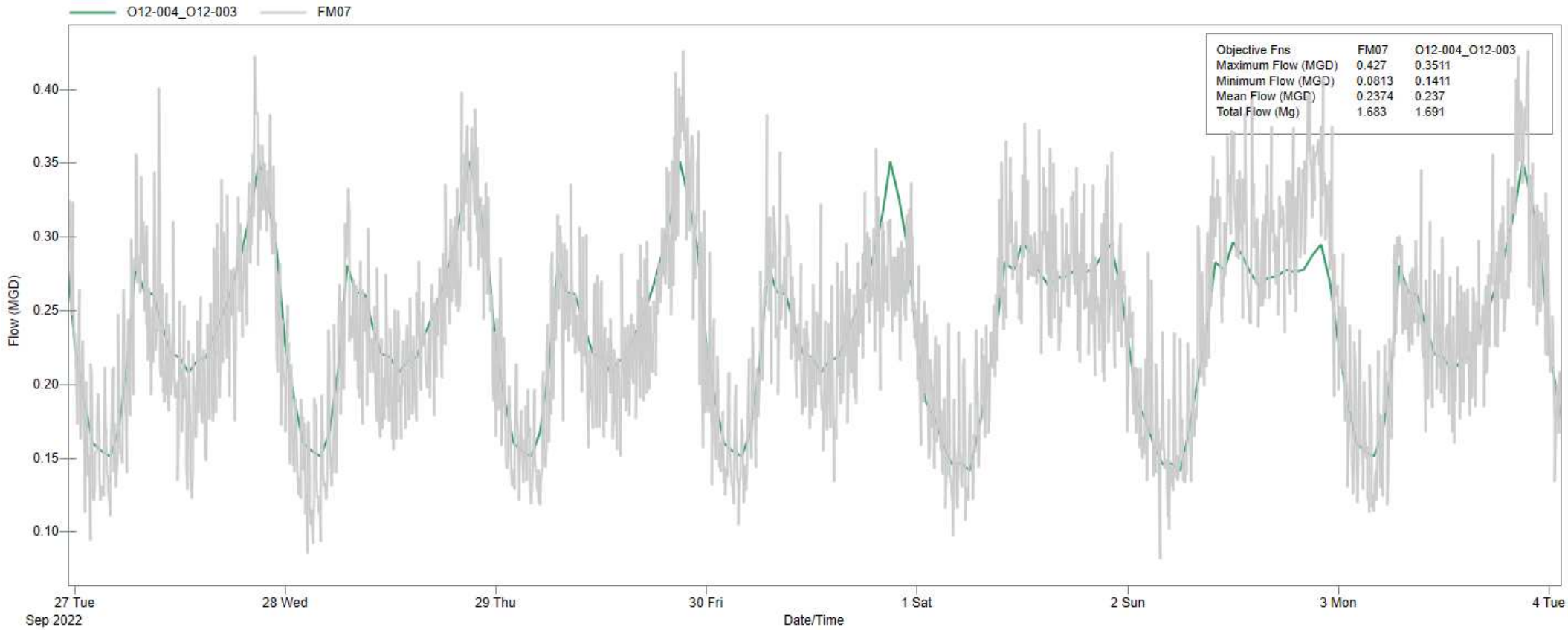
FM 06

Model: Meter:



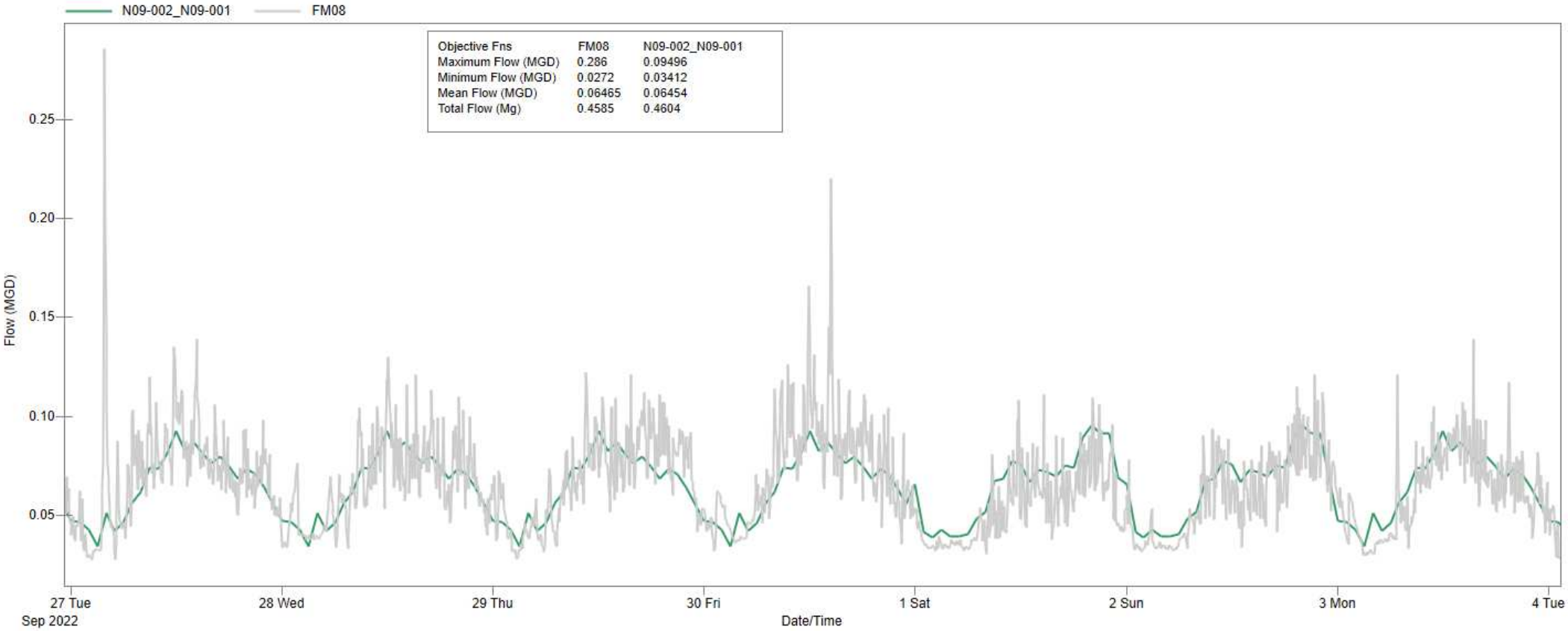
FM 07

Model: Meter:



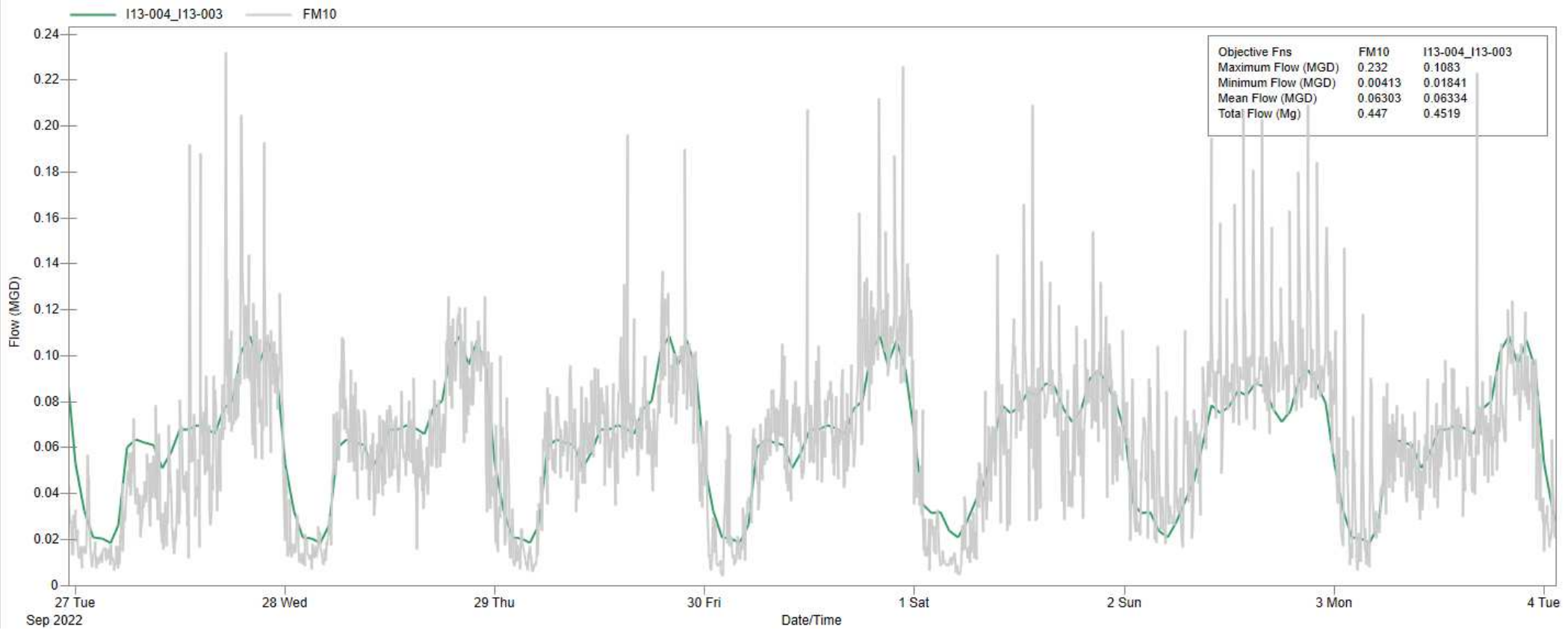
FM 08

Model: Meter:



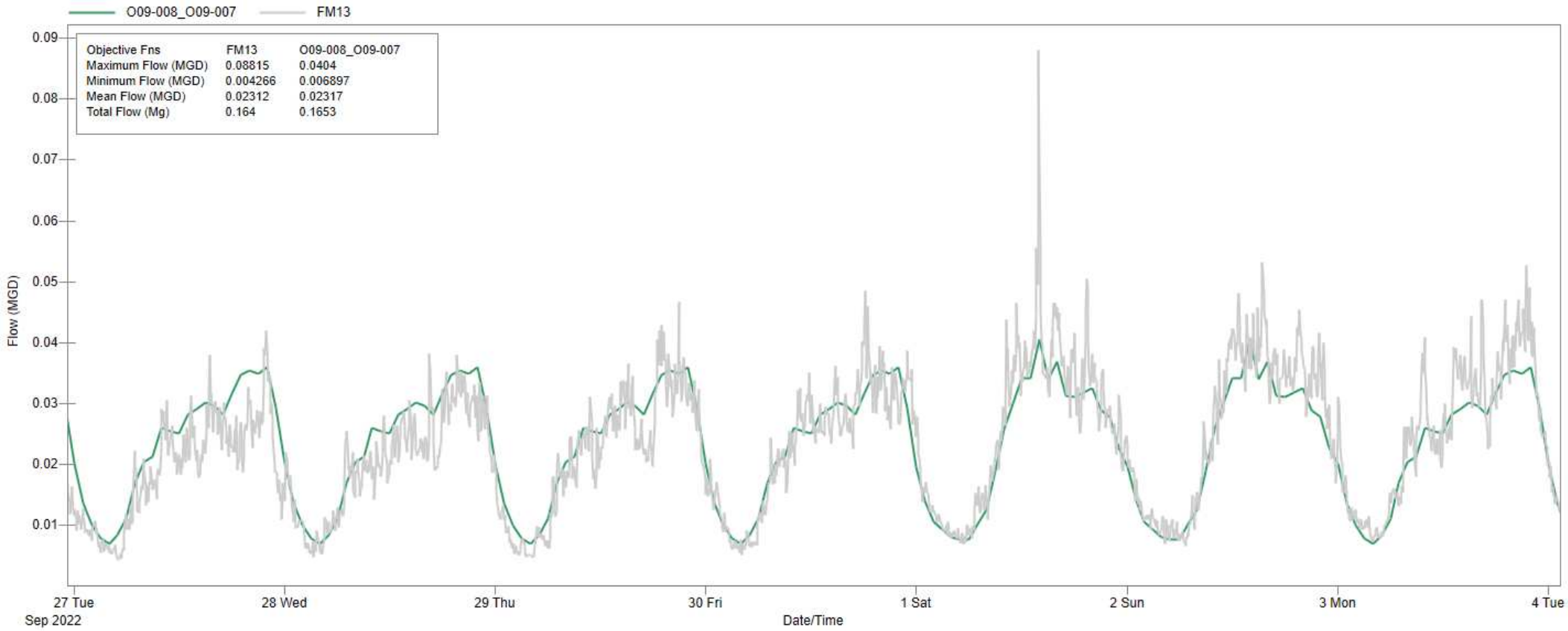
FM 10

Model: Meter:



FM 13

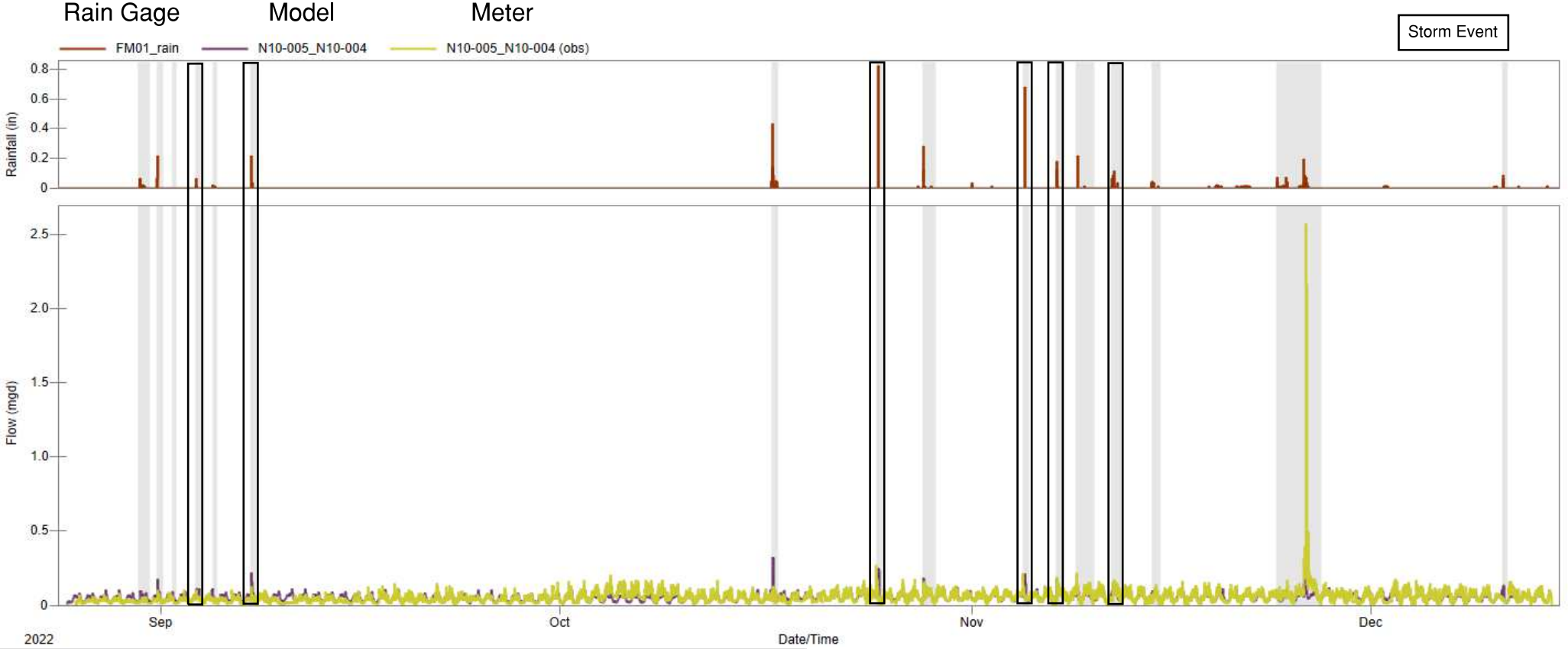
Model: Meter:

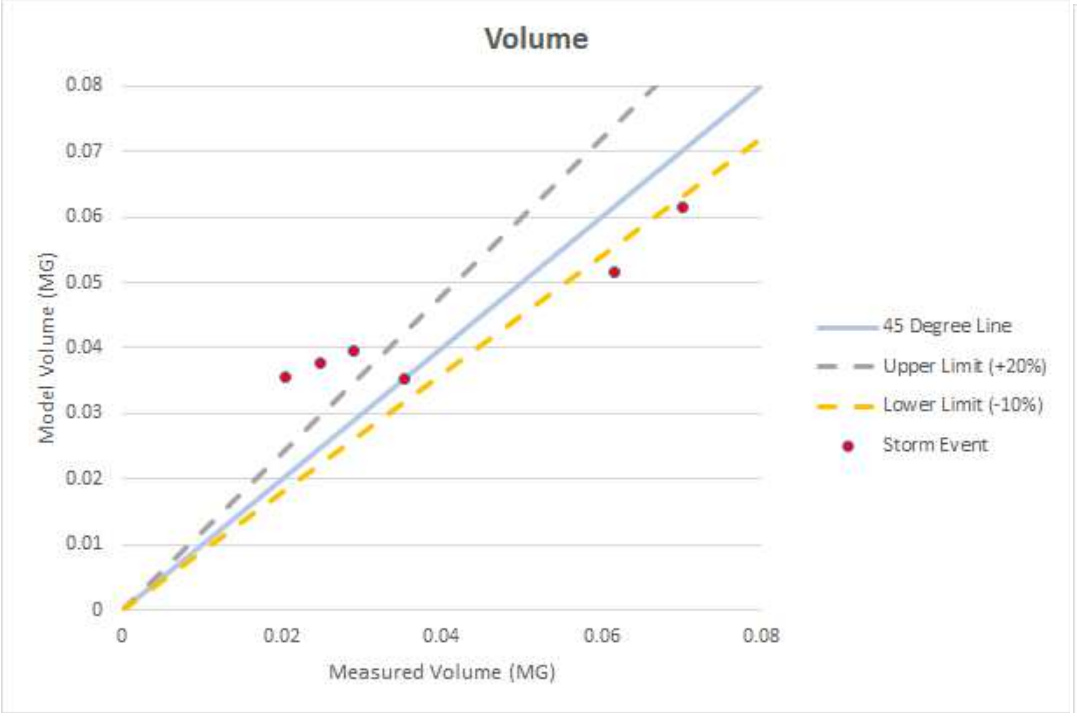


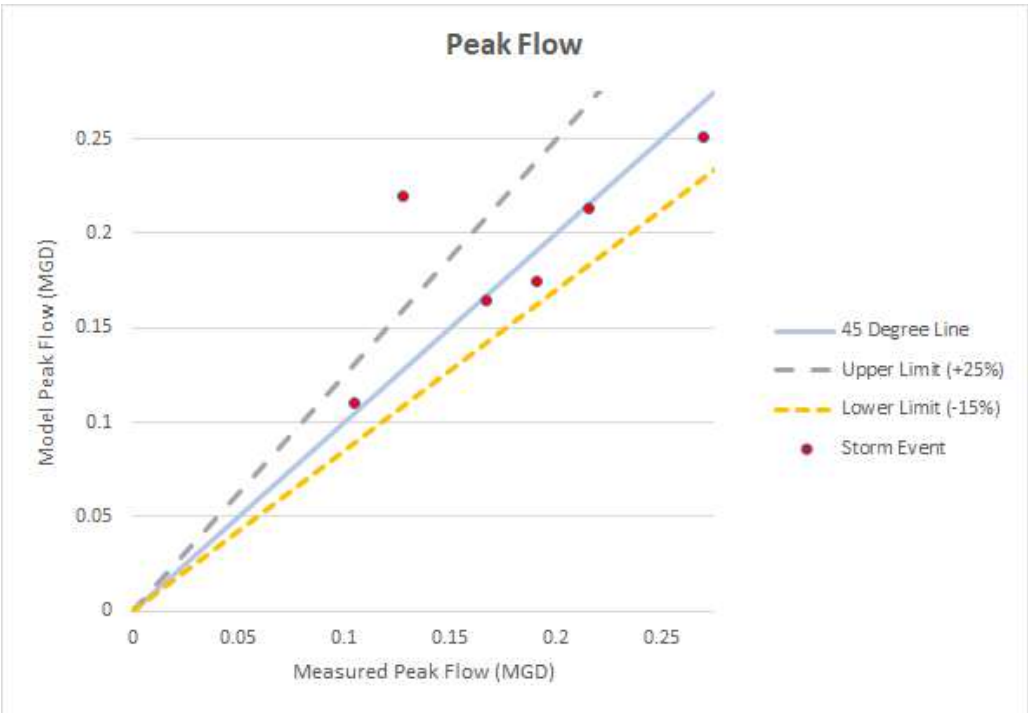
Appendix C: Wet Weather Calibration Summary

FM01

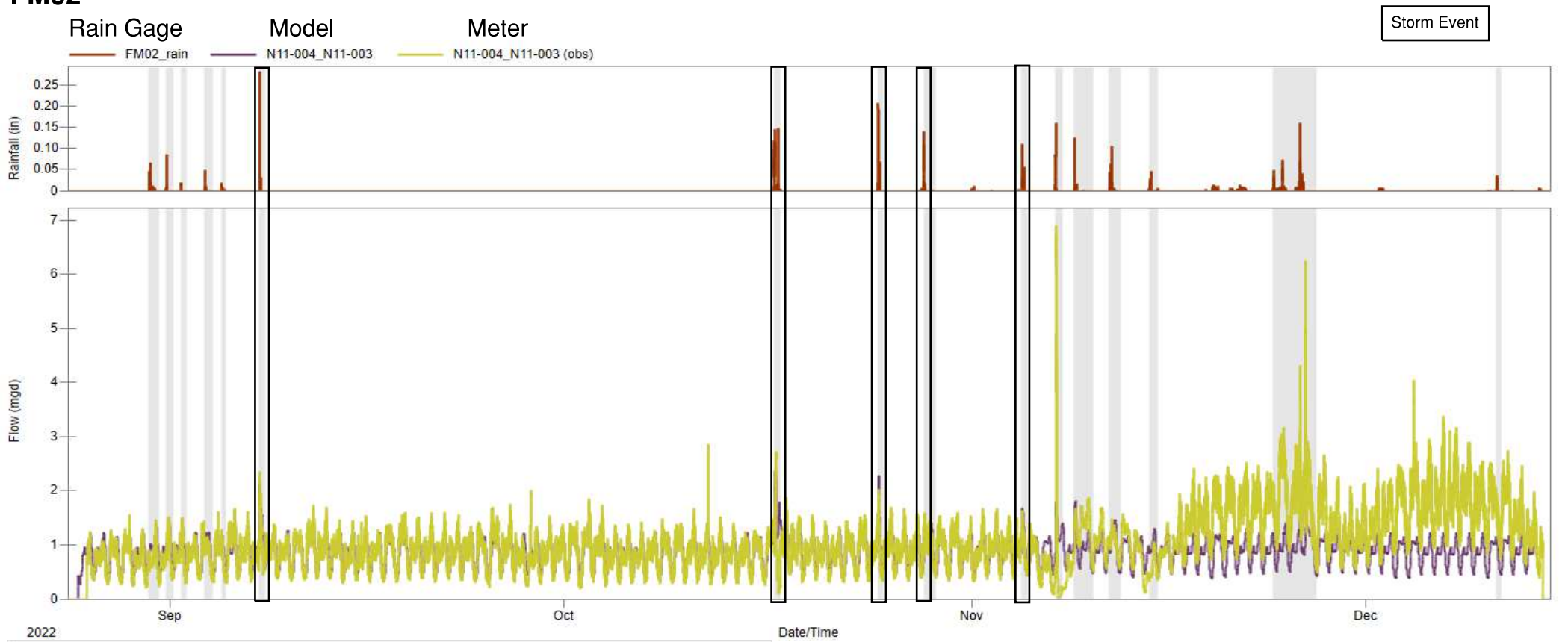
Rain Gage Model Meter

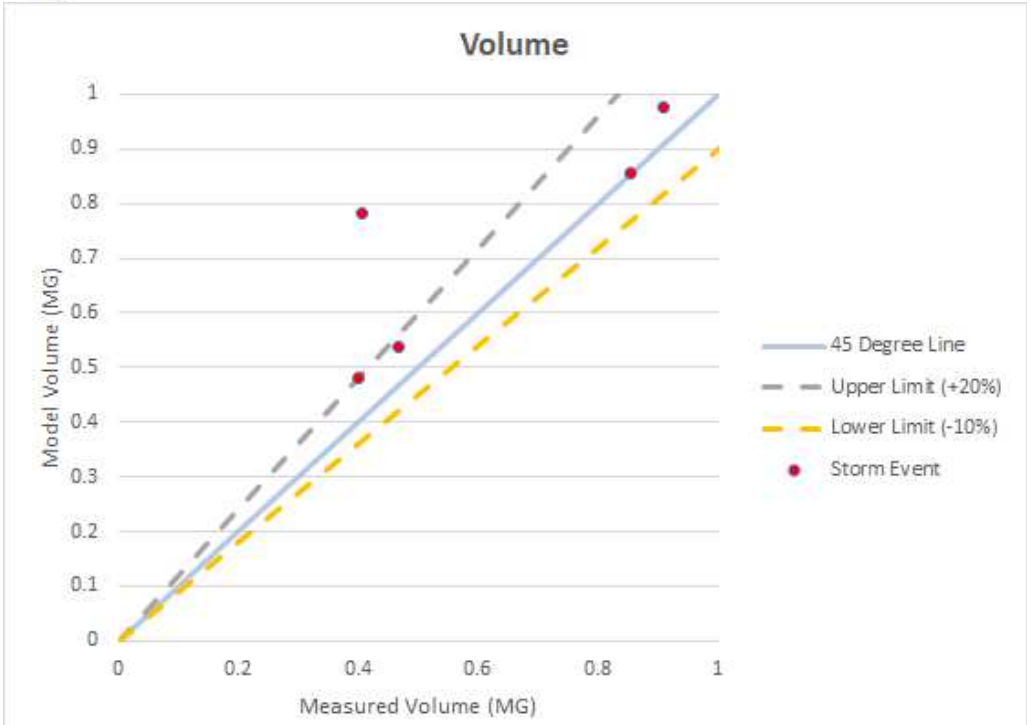


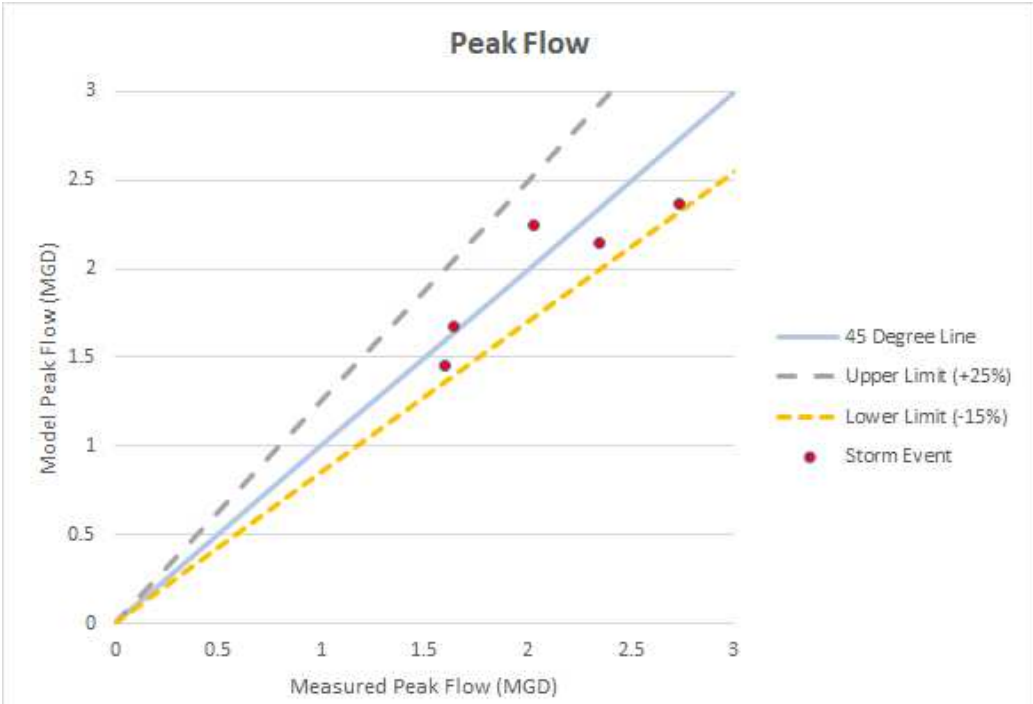




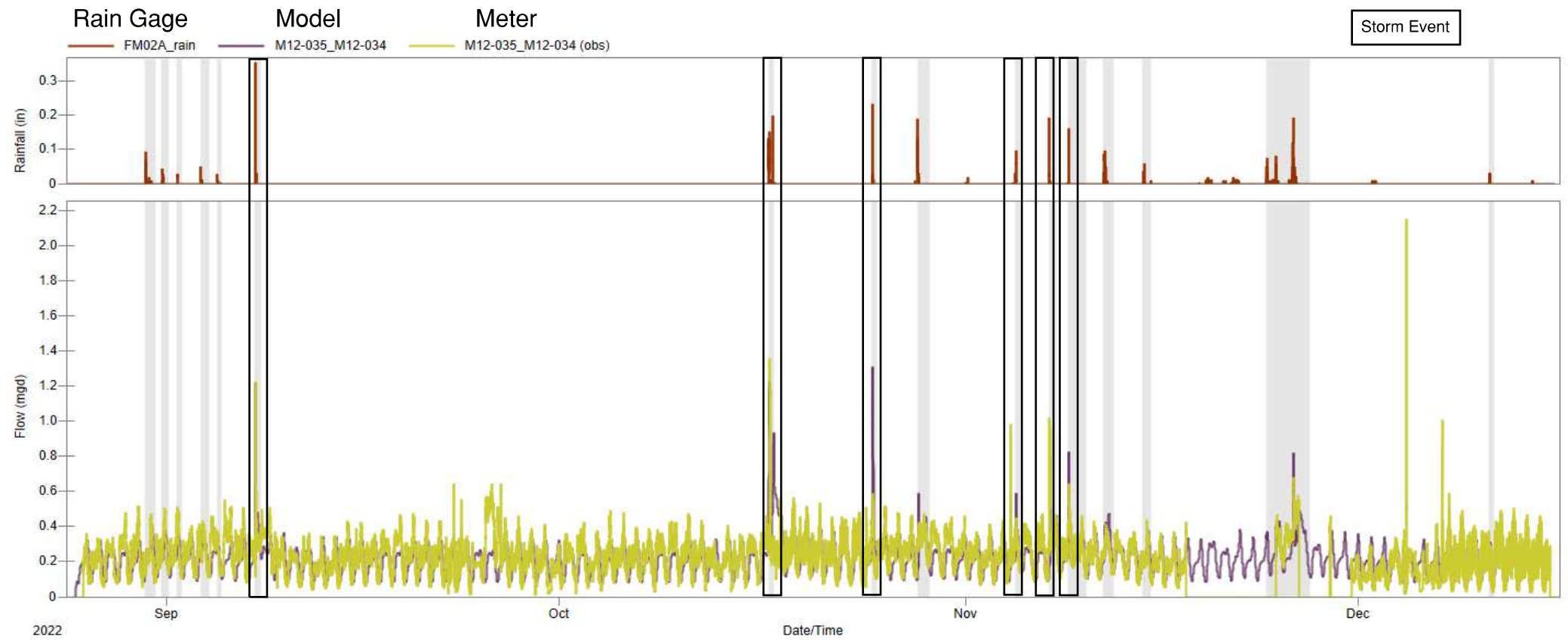
FM02

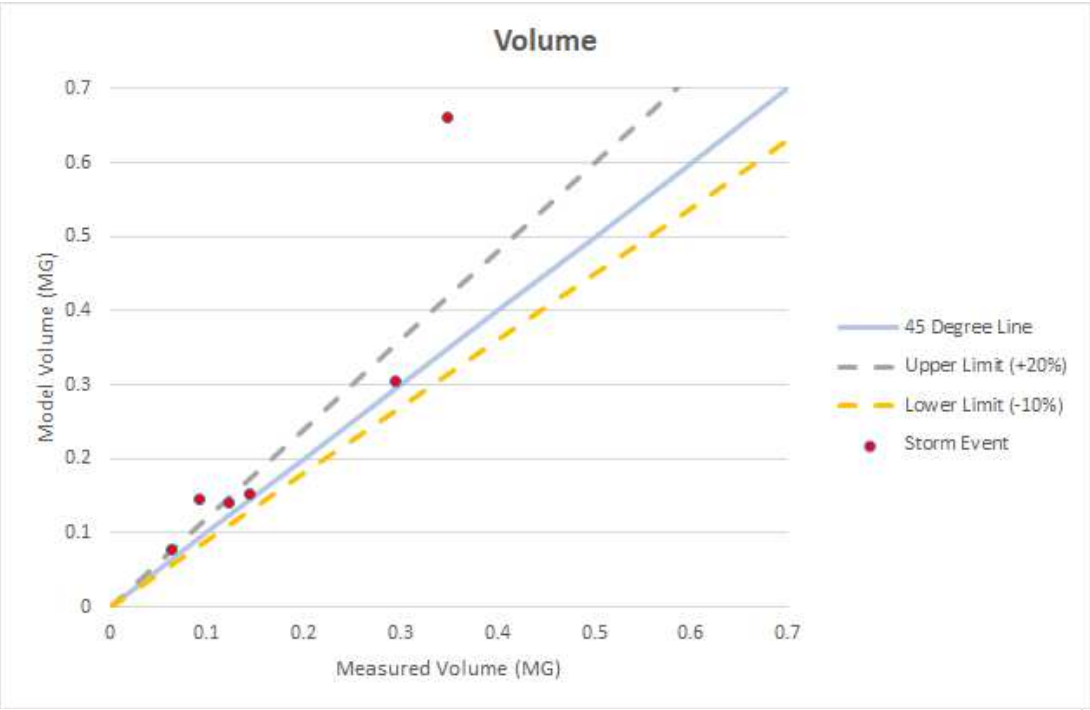

Rain Gage
Model
Meter
Storm Event
FM02_rain
N11-004_N11-003
N11-004_N11-003 (obs)
Rainfall (in)
Flow (mgd)
Sep
Oct
Nov
Dec
2022
Date/Time

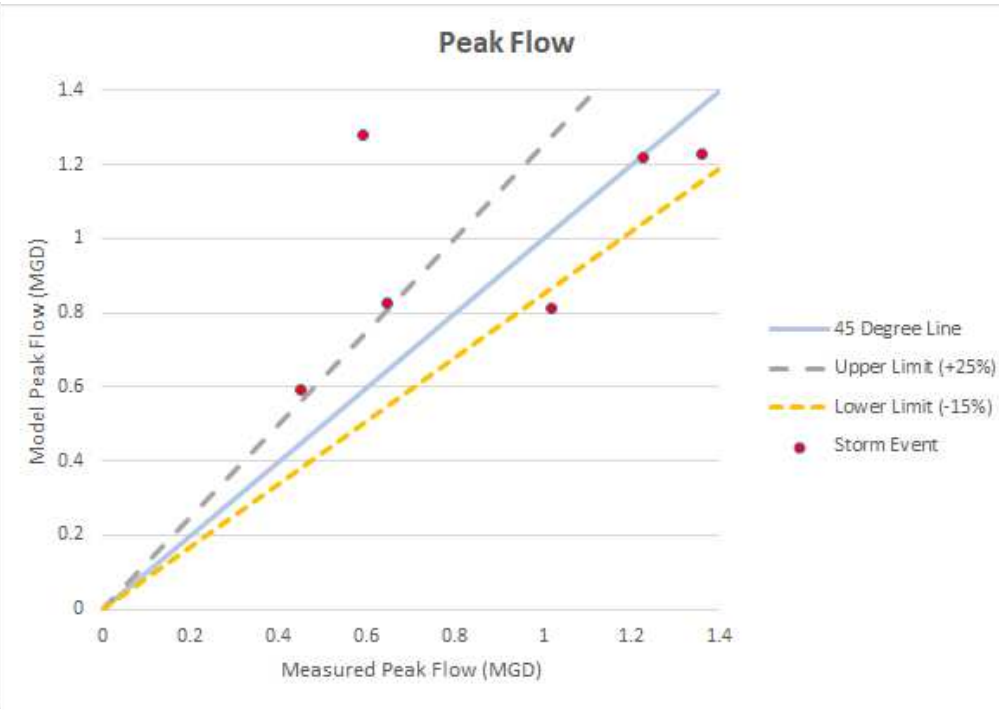

Volume
Model Volume (MG)
Measured Volume (MG)
45 Degree Line
Upper Limit (+20%)
Lower Limit (-10%)
Storm Event


Peak Flow
Model Peak Flow (MGD)
Measured Peak Flow (MGD)
45 Degree Line
Upper Limit (+25%)
Lower Limit (-15%)
Storm Event

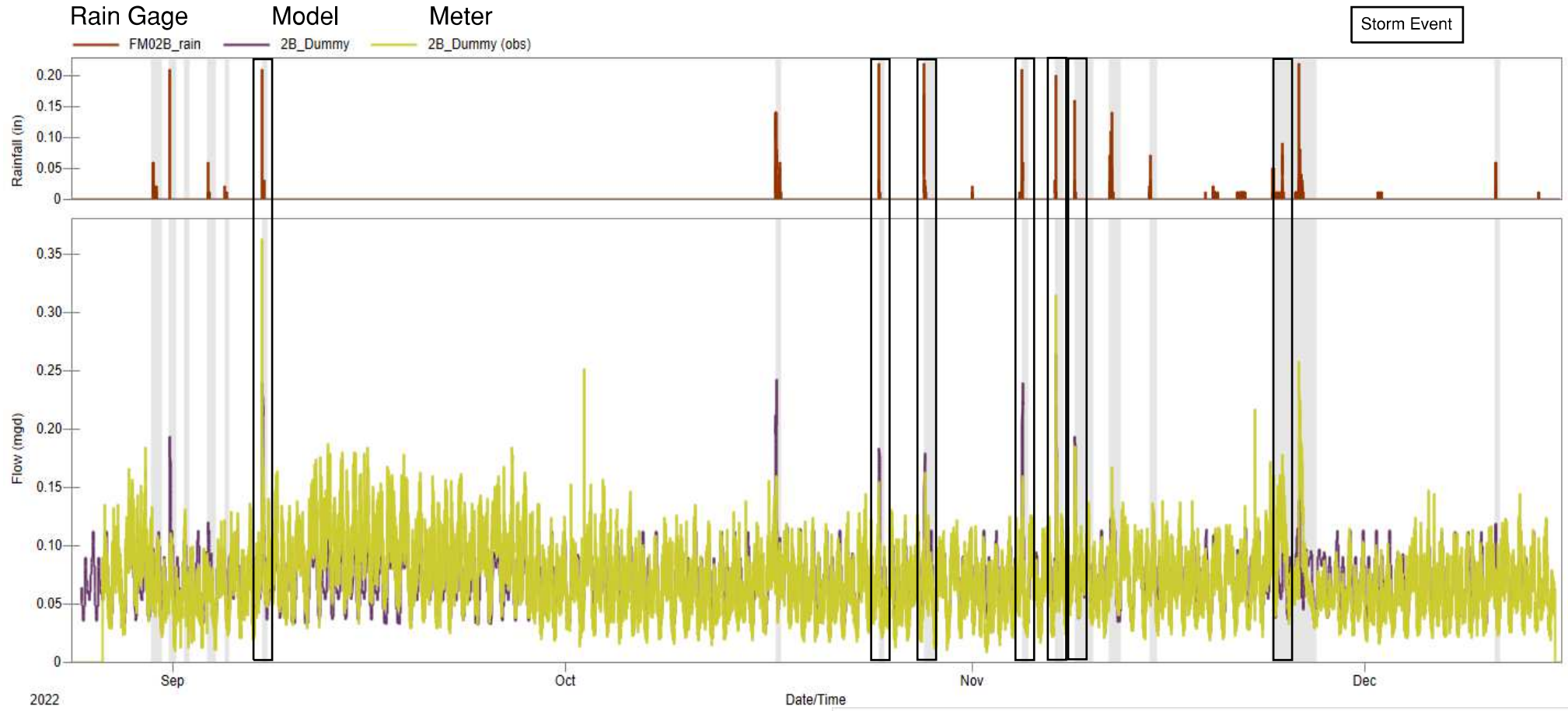
FM02A

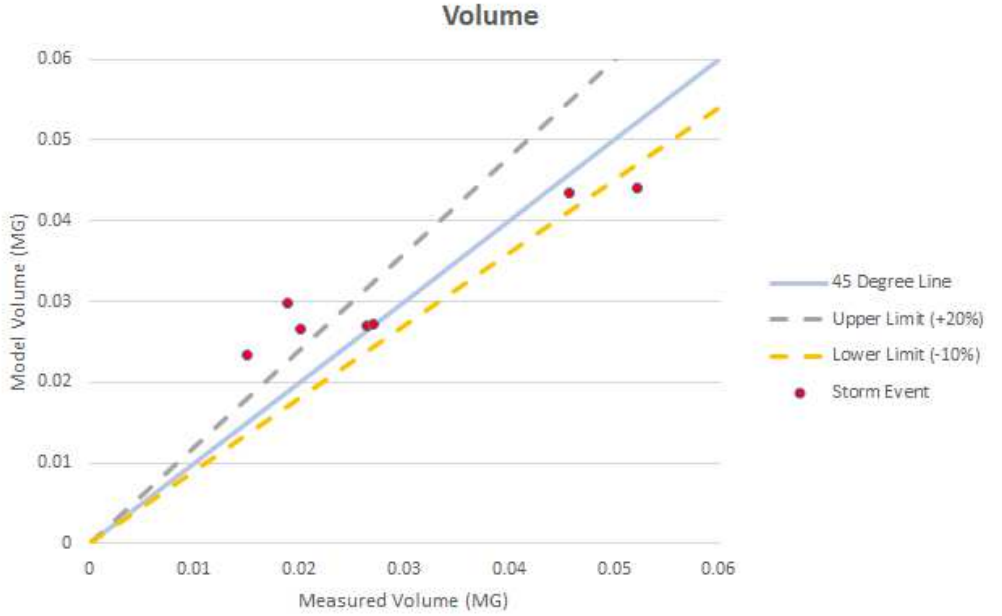

Rain Gage
Model
Meter
FM02A_rain
M12-035_M12-034
M12-035_M12-034 (obs)
Storm Event
Rainfall (in)
Flow (mgd)
Sep
Oct
Nov
Dec
2022
Date/Time

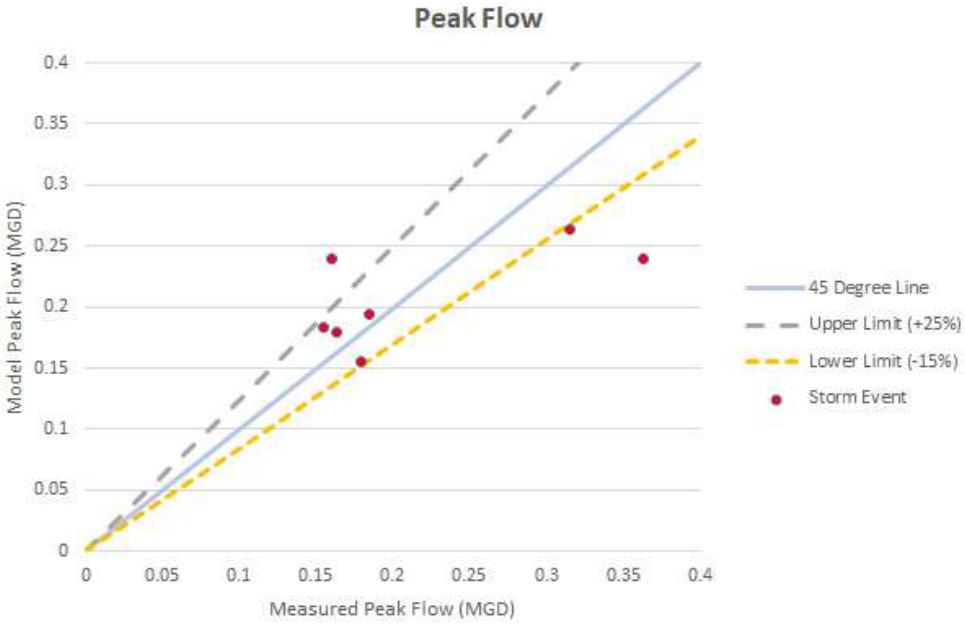

Volume
Model Volume (MG)
Measured Volume (MG)
45 Degree Line
Upper Limit (+20%)
Lower Limit (-10%)
Storm Event


Peak Flow
Model Peak Flow (MGD)
Measured Peak Flow (MGD)
45 Degree Line
Upper Limit (+25%)
Lower Limit (-15%)
Storm Event

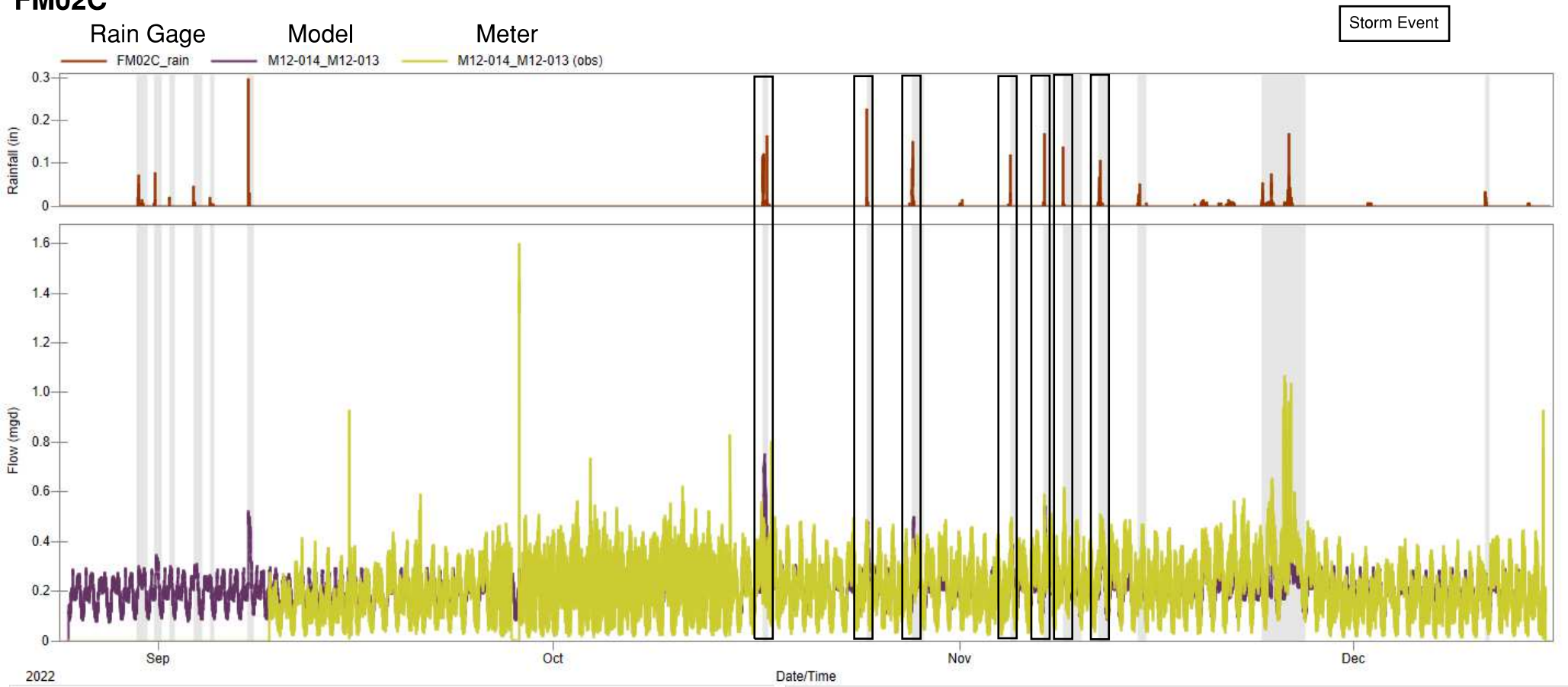
FM02B

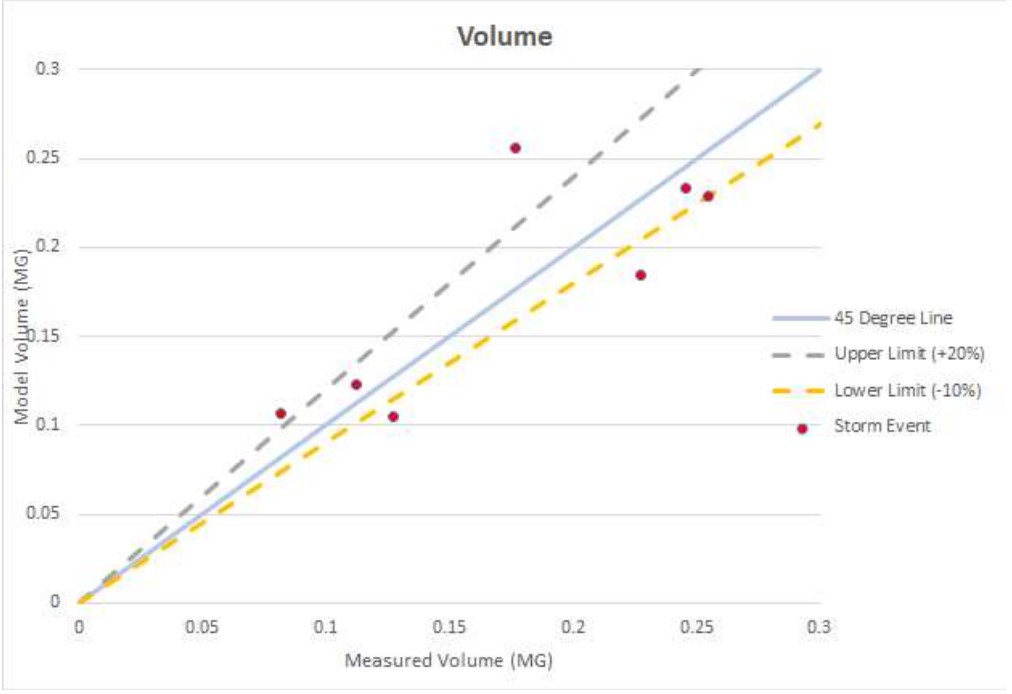

Rain Gage
Model
Meter
FM02B_rain
2B_Dummy
2B_Dummy (obs)
Storm Event
Rainfall (in)
Flow (mgd)
Sep
Oct
Nov
Dec
2022
Date/Time

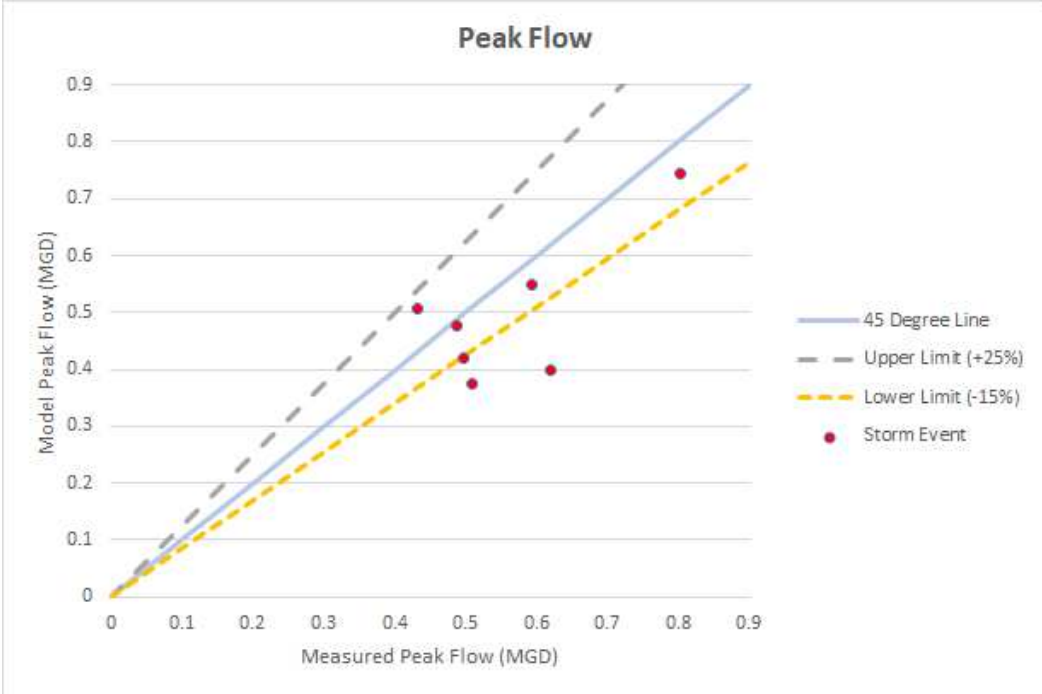

Volume
Model Volume (MG)
Measured Volume (MG)
45 Degree Line
Upper Limit (+20%)
Lower Limit (-10%)
Storm Event


Peak Flow
Model Peak Flow (MGD)
Measured Peak Flow (MGD)
45 Degree Line
Upper Limit (+25%)
Lower Limit (-15%)
Storm Event

FM02C


Rain Gage
Model
Meter
Storm Event
FM02C_rain
M12-014_M12-013
M12-014_M12-013 (obs)
Rainfall (in)
Flow (mgd)
Sep
Oct
Nov
Dec
2022
Date/Time

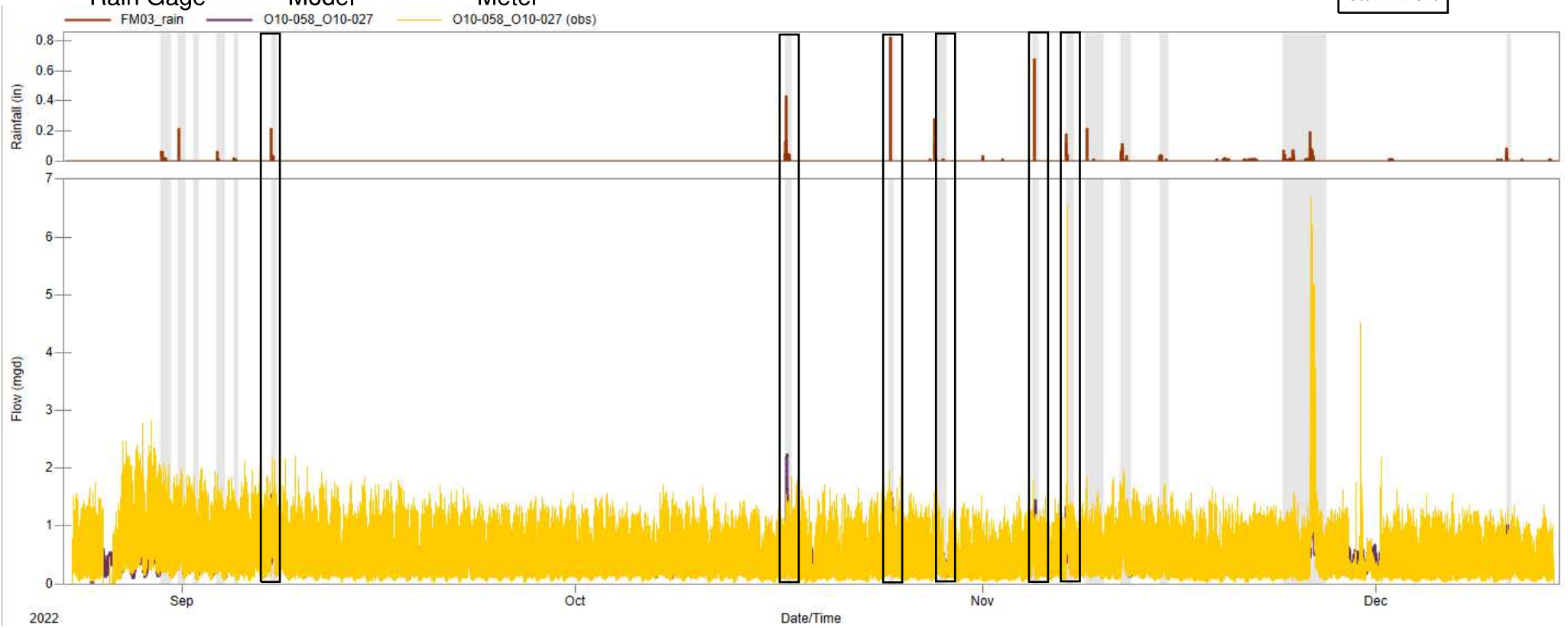

Volume
Model Volume (MG)
Measured Volume (MG)
45 Degree Line
Upper Limit (+20%)
Lower Limit (-10%)
Storm Event

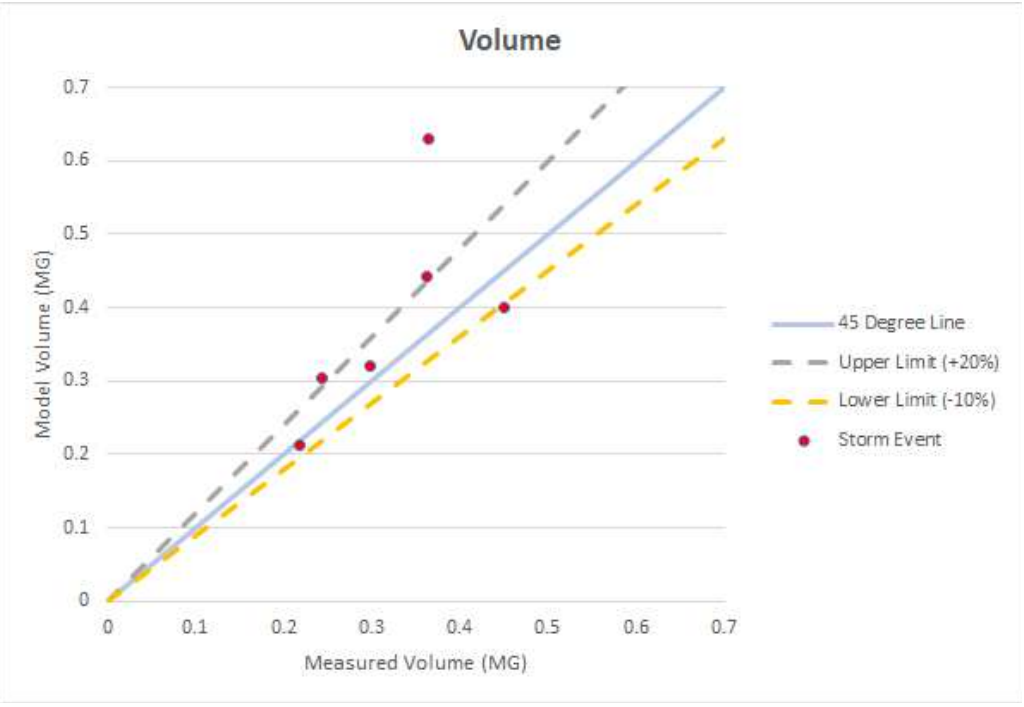

Peak Flow
Model Peak Flow (MGD)
Measured Peak Flow (MGD)
45 Degree Line
Upper Limit (+25%)
Lower Limit (-15%)
Storm Event

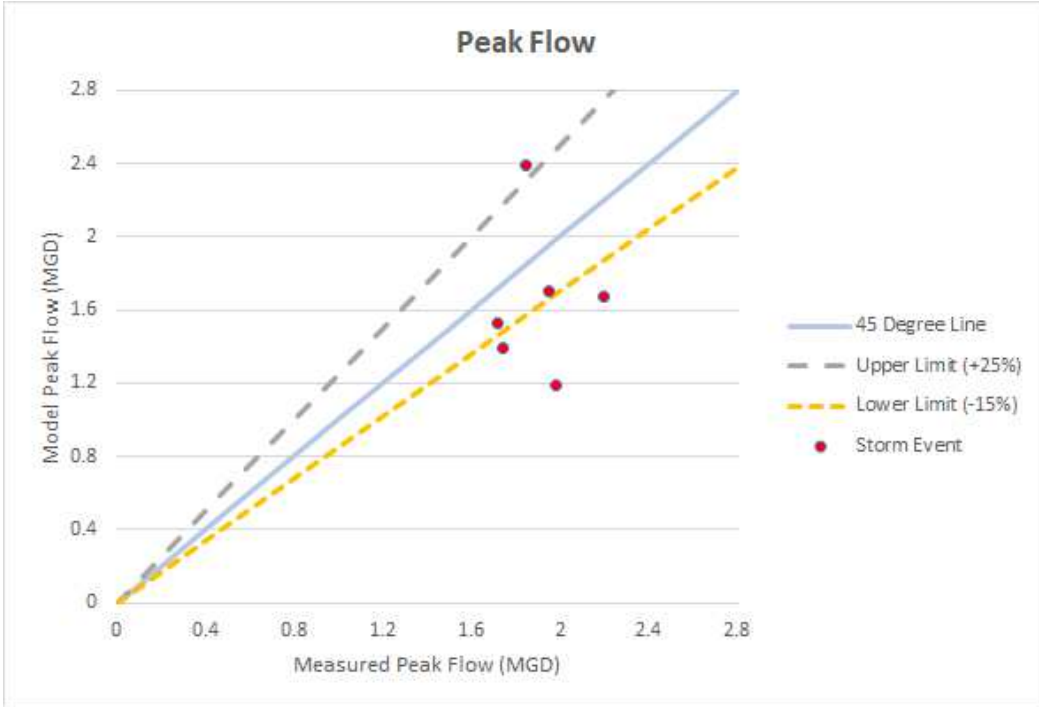
FM03

Rain Gage | Model | Meter

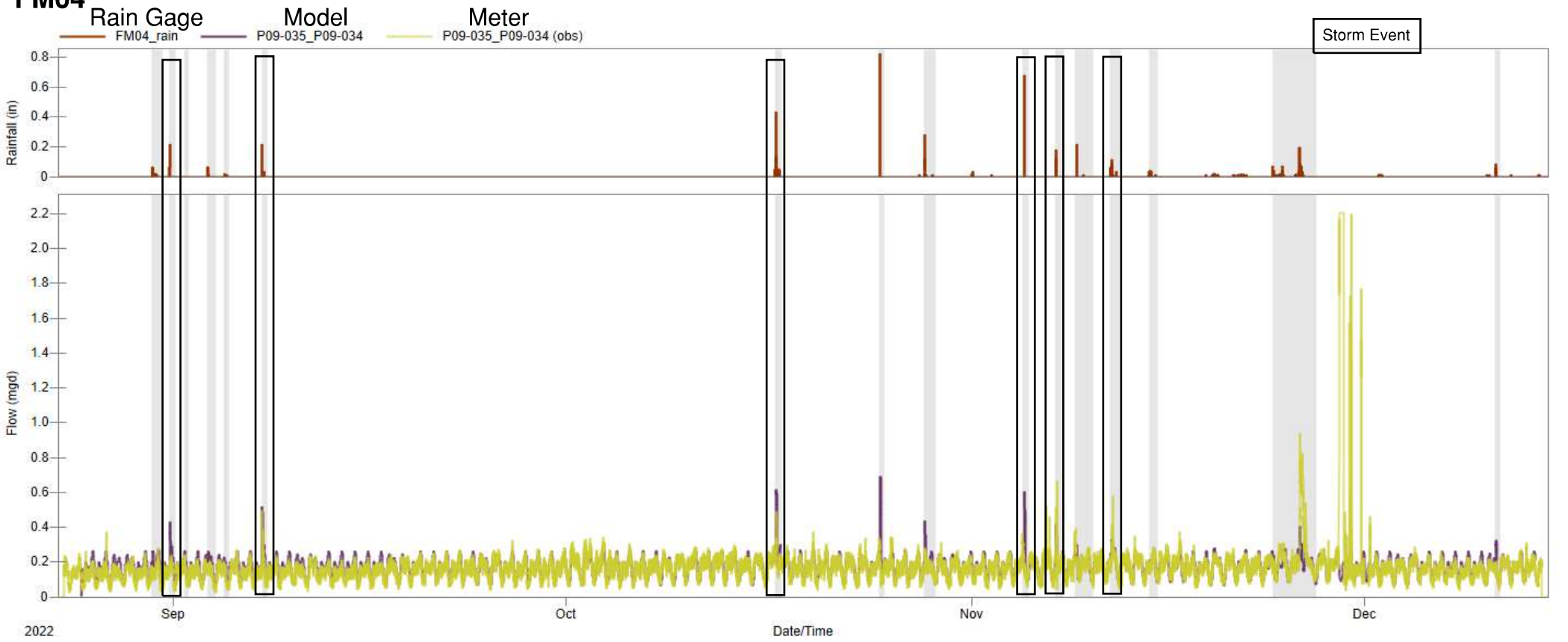
Storm Event

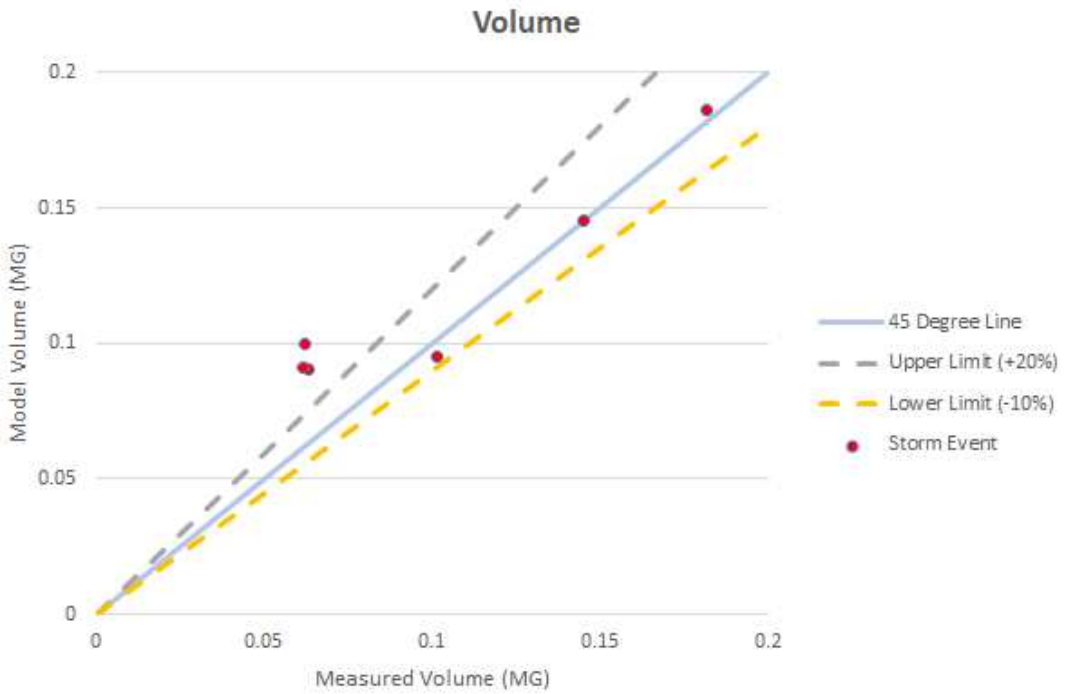


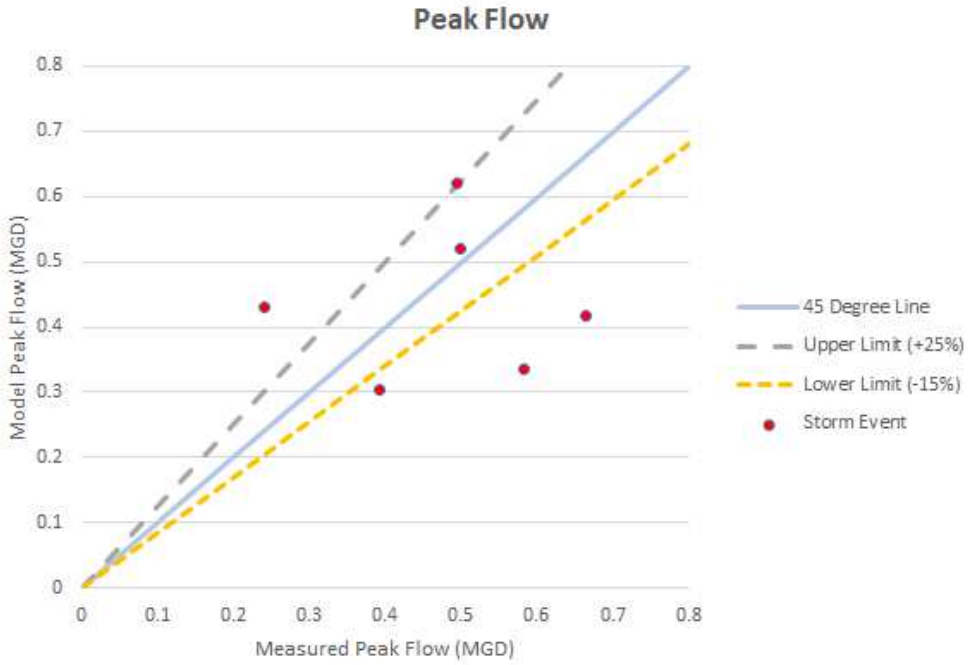




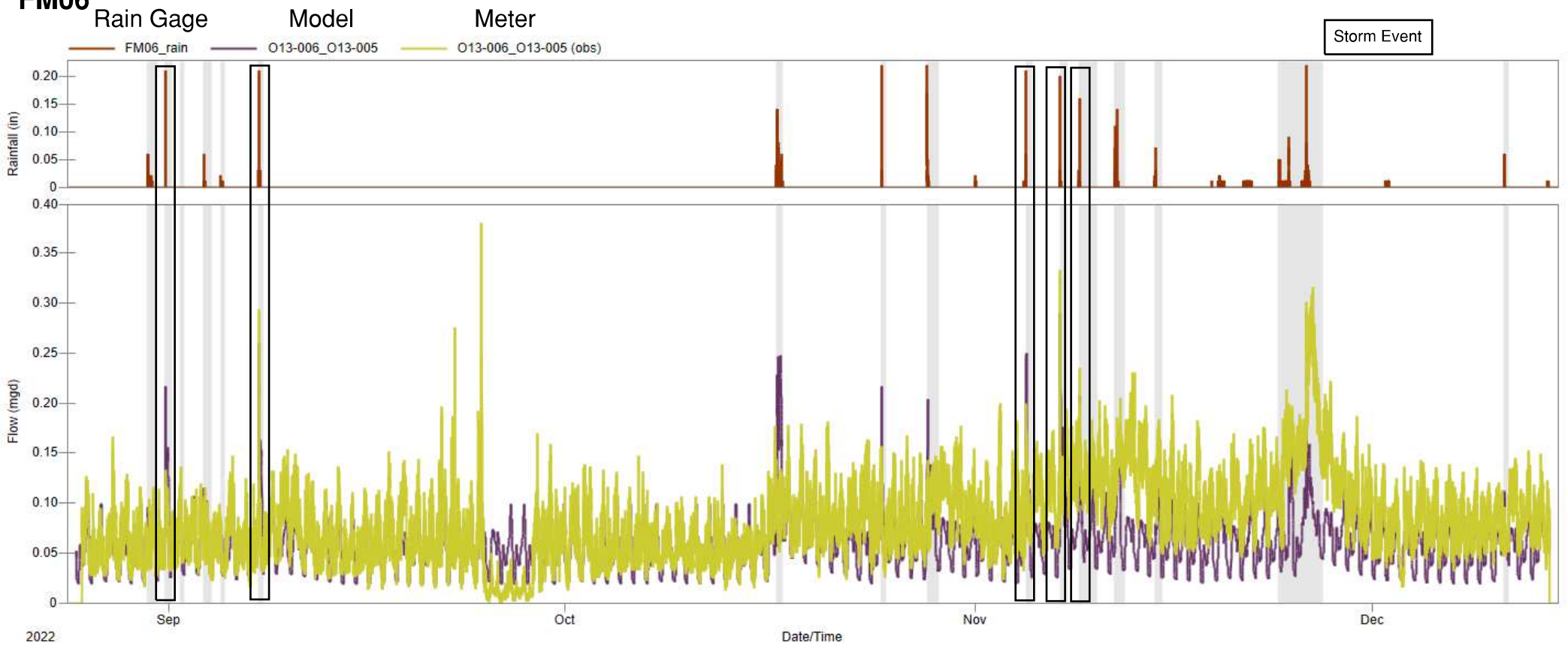
FM04

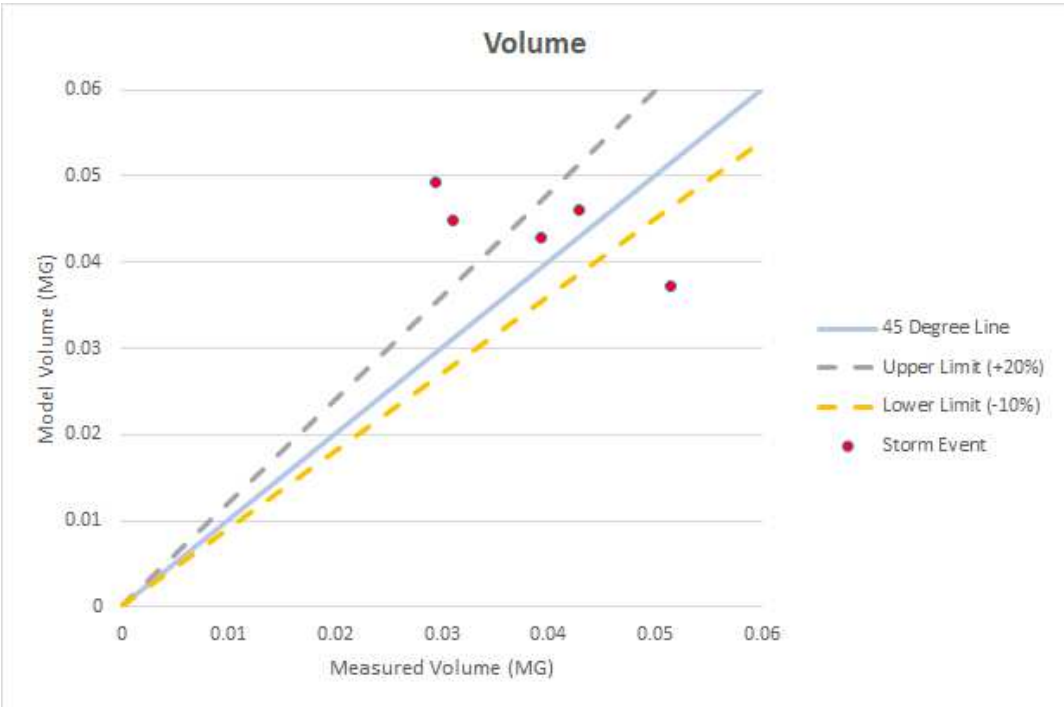

Rain Gage
Model
Meter
FM04_rain
P09-035_P09-034
P09-035_P09-034 (obs)
Storm Event
Rainfall (in)
Flow (mgd)
Sep
Oct
Nov
Dec
2022
Date/Time

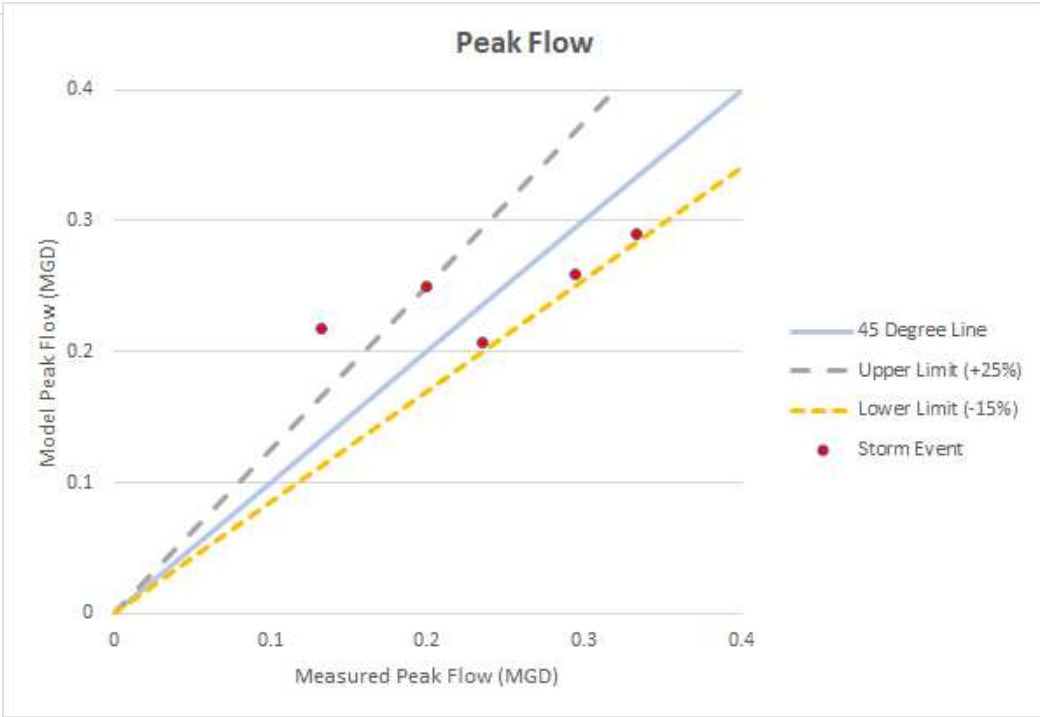

Volume
Model Volume (MG)
Measured Volume (MG)
45 Degree Line
Upper Limit (+20%)
Lower Limit (-10%)
Storm Event


Peak Flow
Model Peak Flow (MGD)
Measured Peak Flow (MGD)
45 Degree Line
Upper Limit (+25%)
Lower Limit (-15%)
Storm Event

FM06

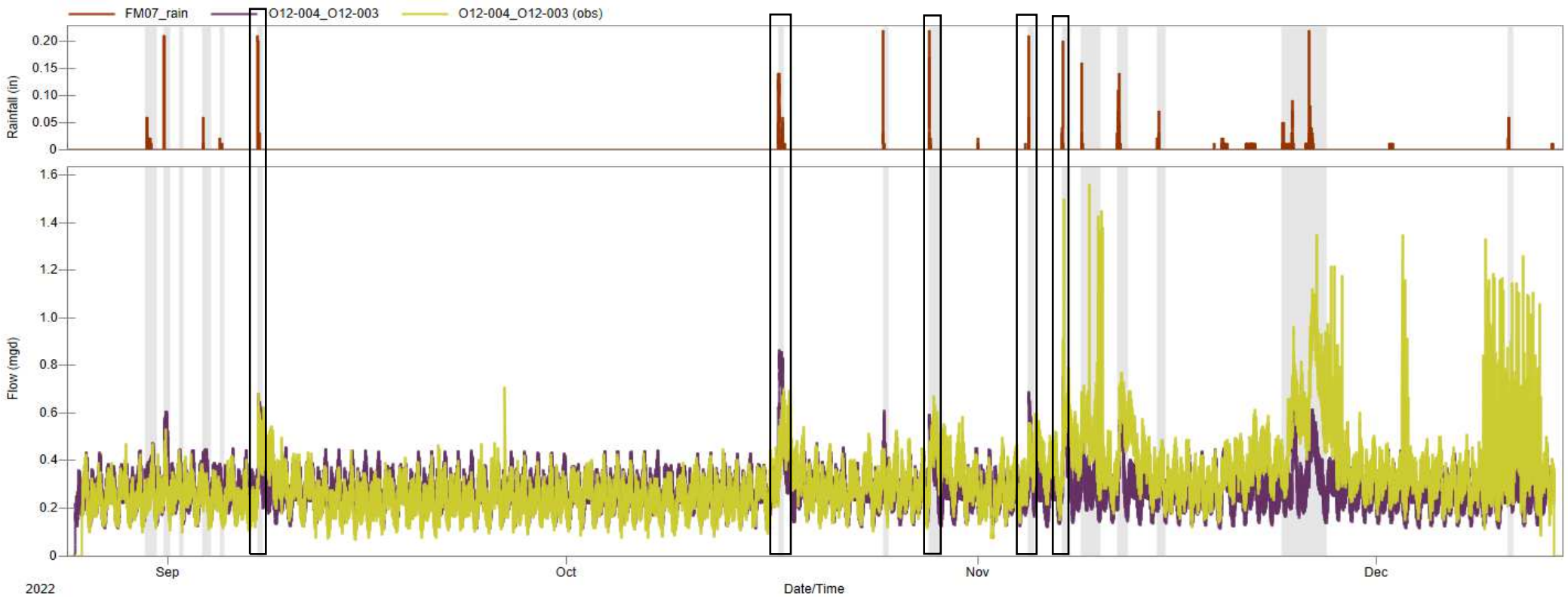

Rain Gage
Model
Meter
FM06_rain
O13-006_O13-005
O13-006_O13-005 (obs)
Storm Event
Rainfall (in)
Flow (mgd)
Sep
Oct
Nov
Dec
2022
Date/Time

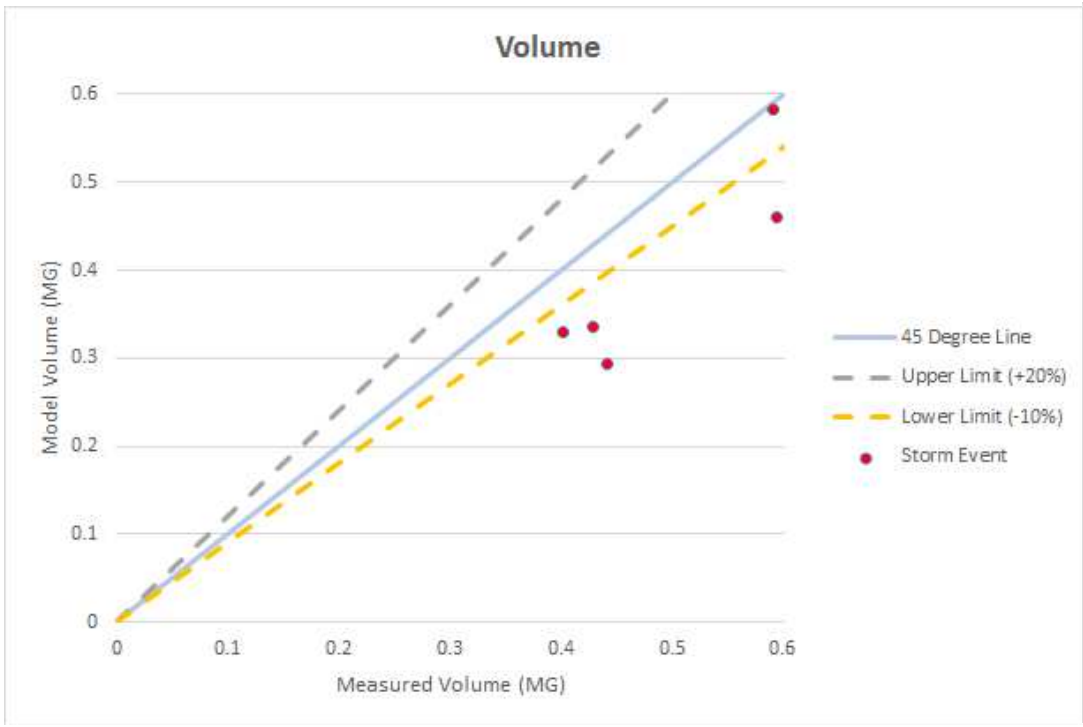

Volume
Model Volume (MG)
Measured Volume (MG)
45 Degree Line
Upper Limit (+20%)
Lower Limit (-10%)
Storm Event

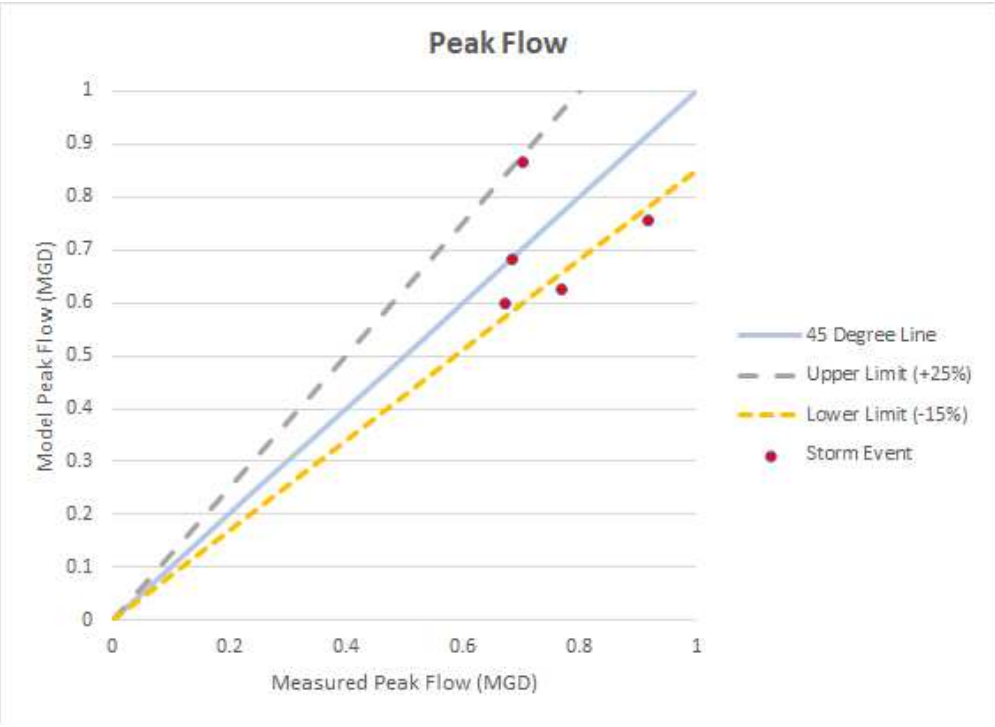

Peak Flow
Model Peak Flow (MGD)
Measured Peak Flow (MGD)
45 Degree Line
Upper Limit (+25%)
Lower Limit (-15%)
Storm Event

FM07 Rain Gage Model Meter

Storm Event



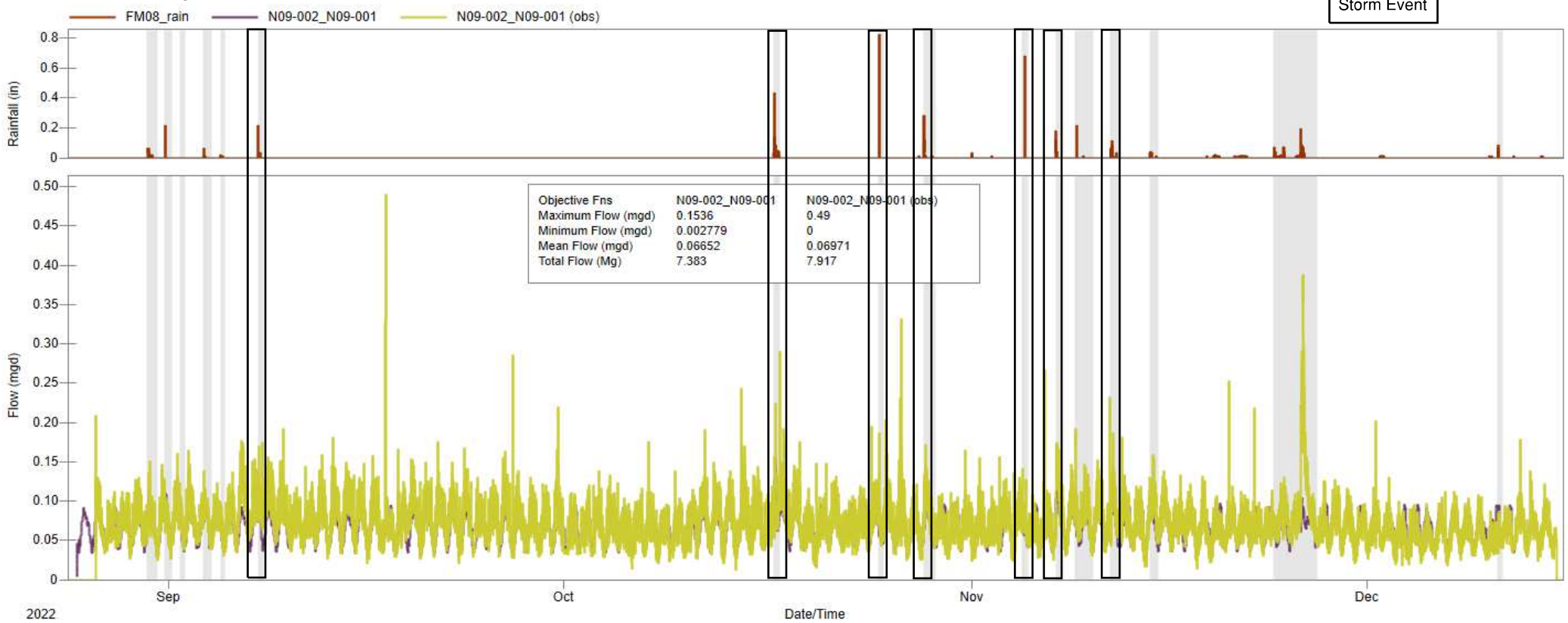


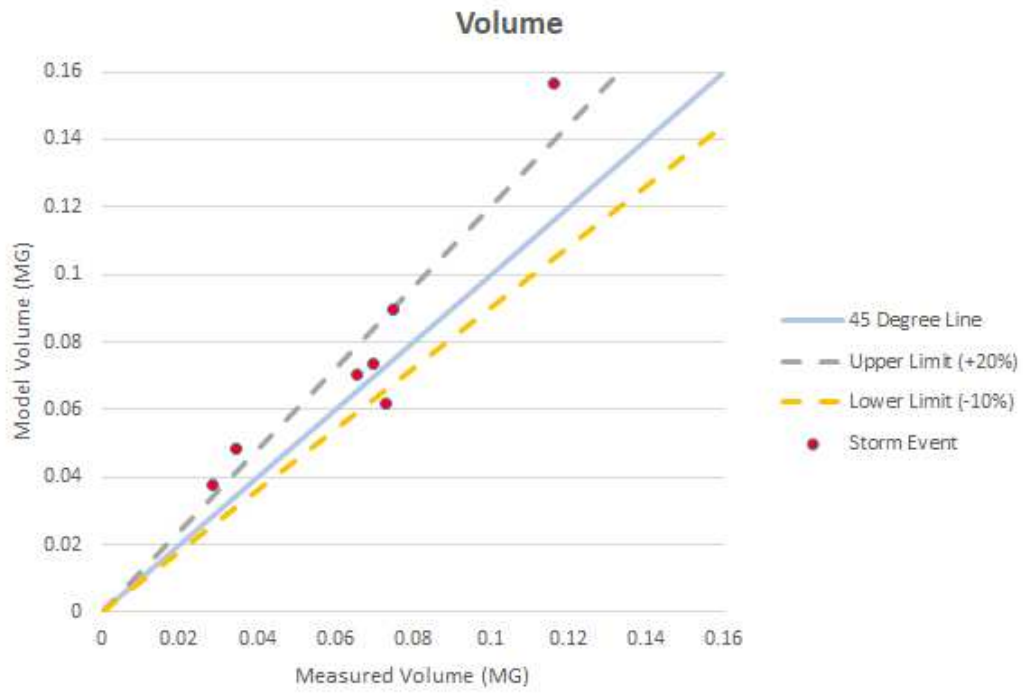


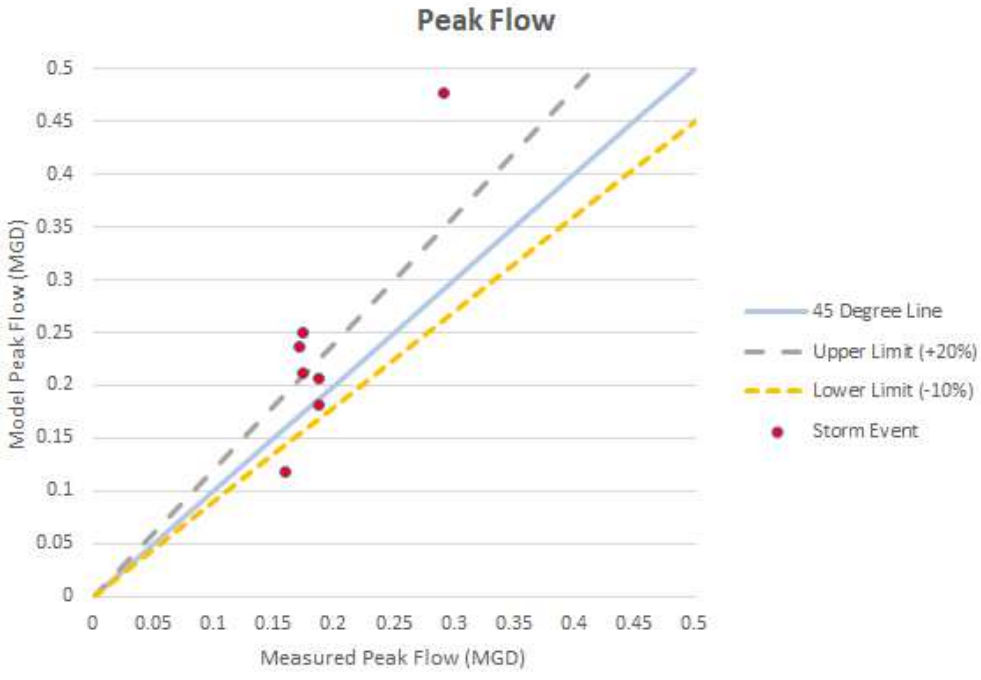
FM08

Rain Gage Model Meter

Storm Event

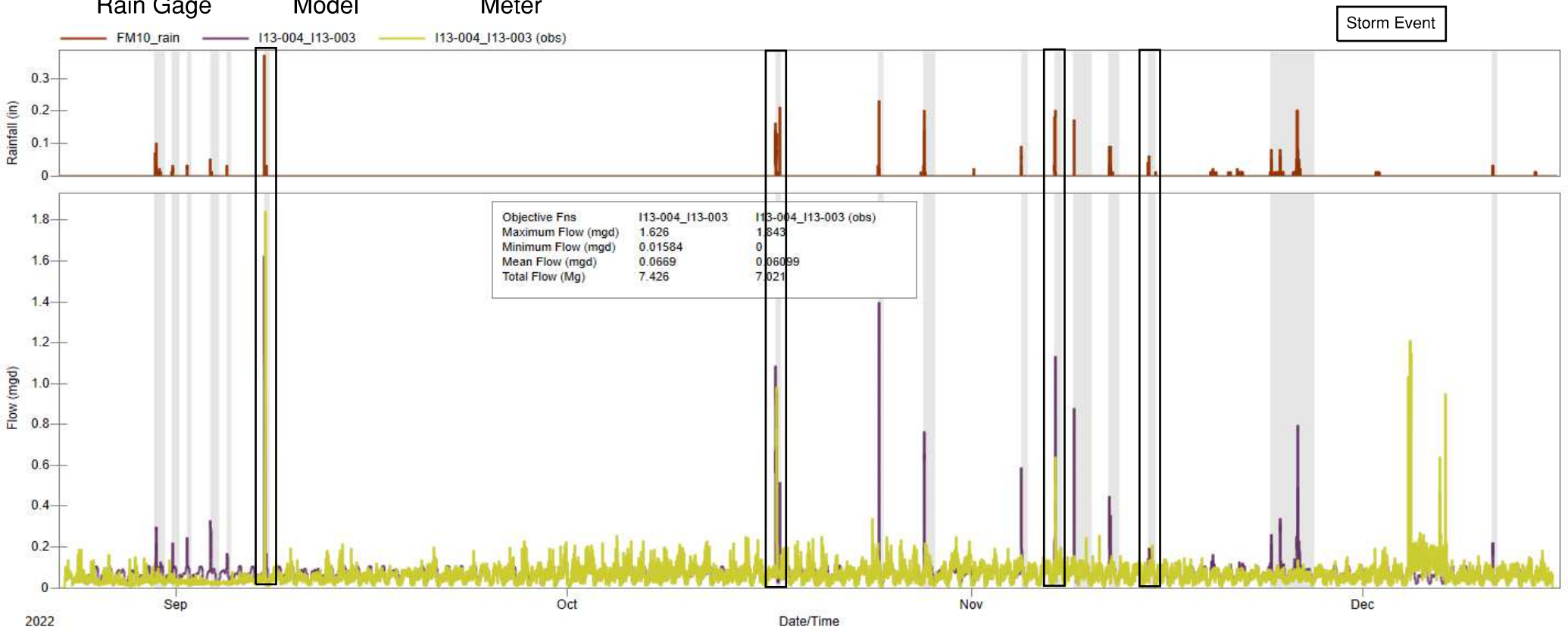


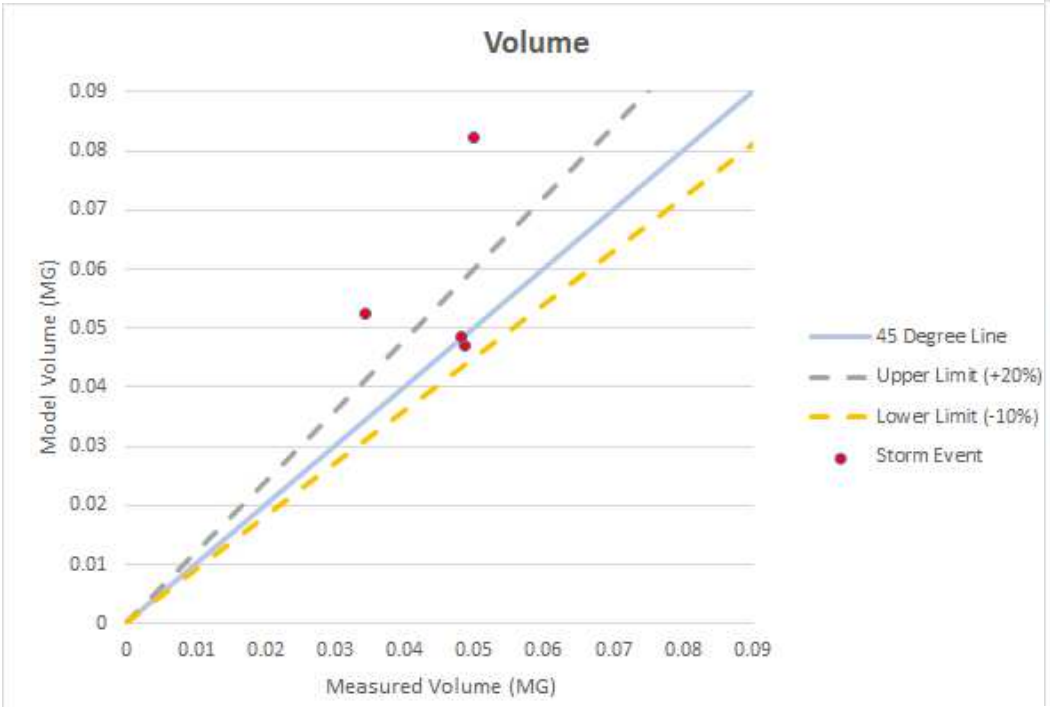


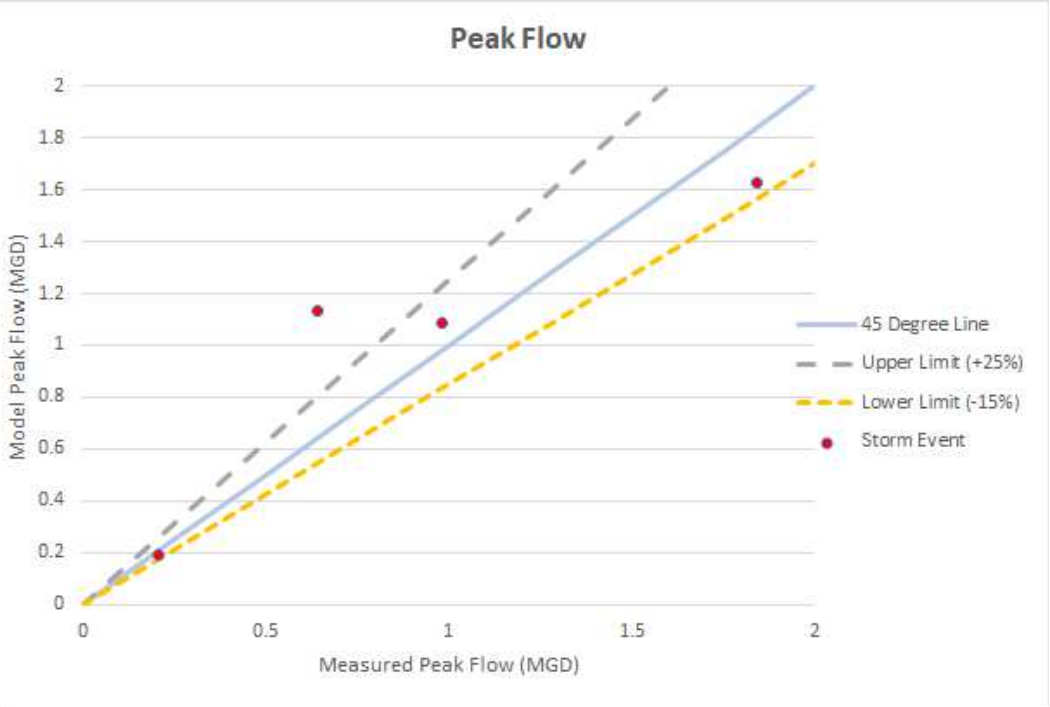


FM10

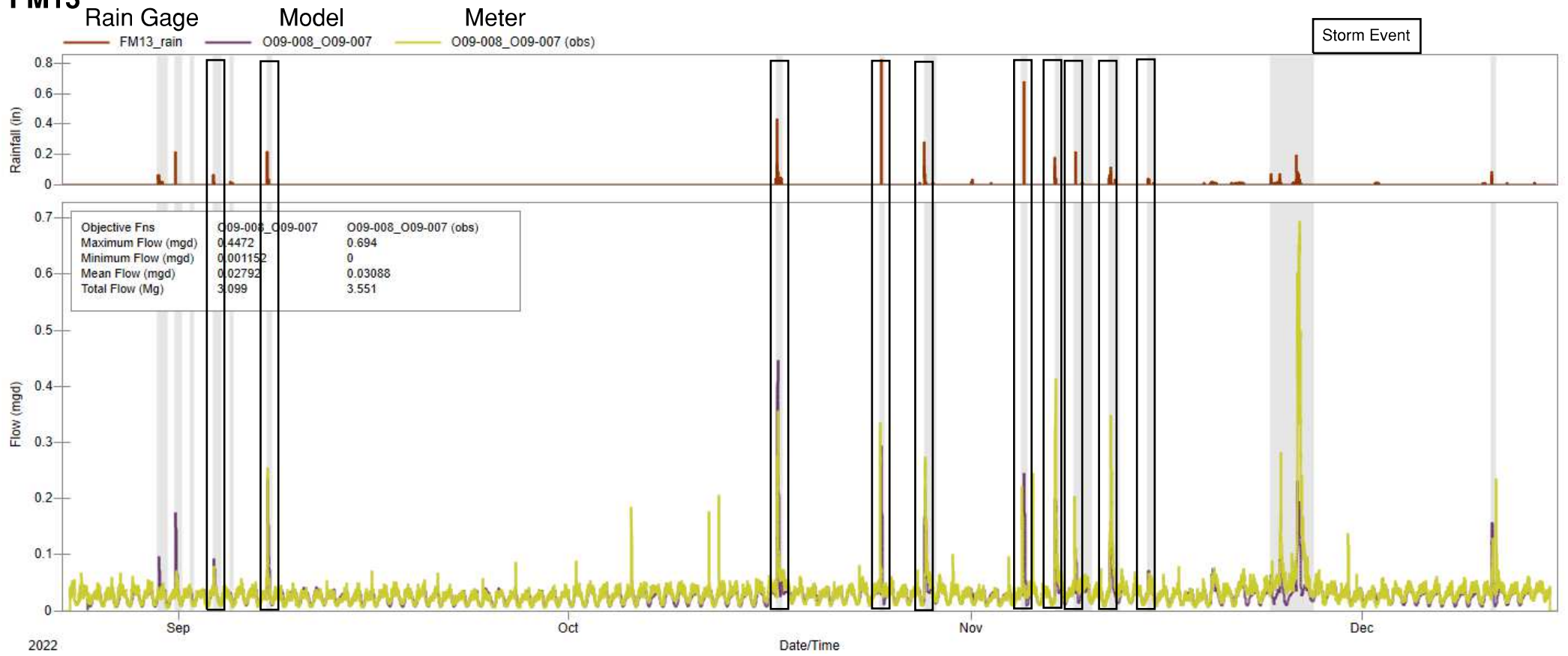
Rain Gage Model Meter

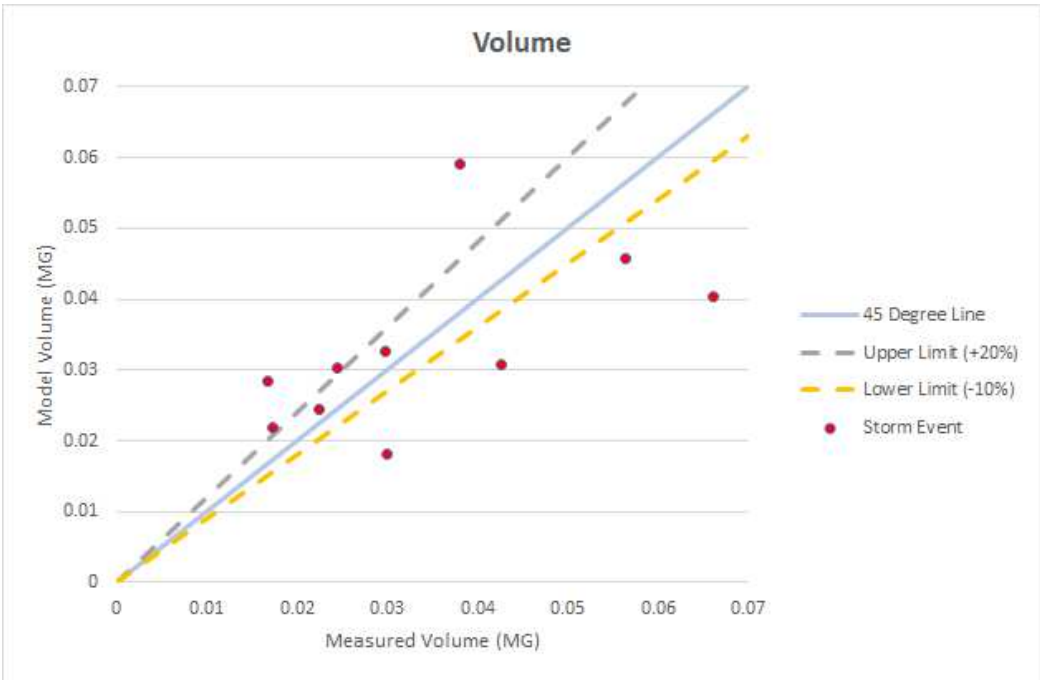


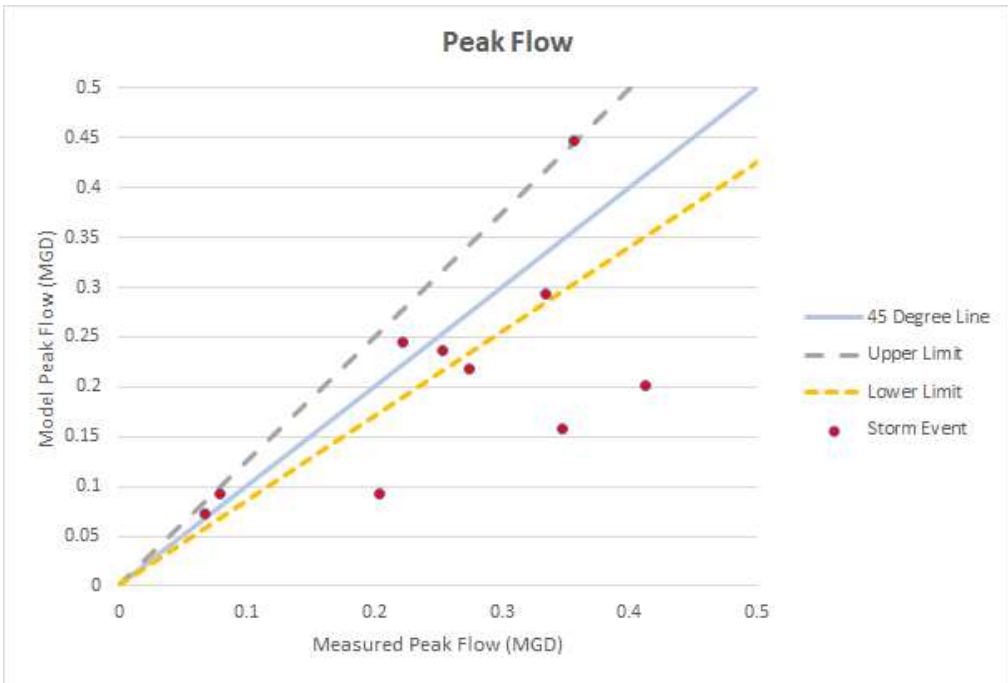




FM13


Rain Gage
Model
Meter
FM13_rain
O09-008_O09-007
O09-008_O09-007 (obs)
Storm Event
Rainfall (in)
Flow (mgd)
Objective Fns | O09-008_O09-007 | O09-008_O09-007 (obs)
Maximum Flow (mgd) | 0.4472 | 0.694
Minimum Flow (mgd) | 0.001152 | 0
Mean Flow (mgd) | 0.02792 | 0.03088
Total Flow (Mg) | 3.099 | 3.551
Sep
Oct
Nov
Dec
2022
Date/Time


Volume
Model Volume (MG)
Measured Volume (MG)
45 Degree Line
Upper Limit (+20%)
Lower Limit (-10%)
Storm Event


Peak Flow
Model Peak Flow (MGD)
Measured Peak Flow (MGD)
45 Degree Line
Upper Limit
Lower Limit
Storm Event

Appendix D: Overall Projects Map (24”x36”) and Project List (11”x17”)

Llano St and Lampasas St Interceptor

Lift Station #6, Lift Station #8, Lift Station #9, Lift Station #13, And The Manor Springs Lift Station
15-Yr: Decommission After ETR WWTP and Necessary Interceptors Are Built

WW.15.17
WW.15.16
WW.15.12
WW.15.10
WW.15.09
WW.15.08
WW.15.11
WW.05.04
WW.05.01
WW.15.04
WW.15.03
WW.15.21
WW.15.19
WW.00.02
WW.15.20
WW.15.14
WW.05.03
WW.15.07
WW.15.13
WW.15.06
WW.15.05
WW.00.03
WW.15.15
WW.15.01
WW.15.02
WW.15.18

Lift Station #6
Decommission

Lift Station #9
Decommission

Lift Station #8
Decommission

Lift Station #13
Decommission

Manor Springs Lift Station
5-Yr. Capacity = 0.5 MGD
15-Yr Capacity = Decommission

Cottonwood WWTP
Exist. Treatment Capacity = 0.2 MGD
5-Yr. Treatment Capacity = 0.6 MGD (Phase 2 & 3)
15-Yr Treatment Capacity = 0.6 MGD

Wilbarger WWTP
Exist. Treatment Capacity = 1.33 MGD
5-Yr. Treatment Capacity = 2.0 MGD (Phase 2)
15-Yr Treatment Capacity = 2.0 MGD

East Travis Regional (ETR) WWTP
15-Yr Treatment Capacity = 1.5 MGD

290

Legend

- Road
- Railroad
- Creek/Stream/River
- Lake
- Manor City Limits
- Manor ETJ

Wastewater Basin

- Cottonwood Creek
- Gilleland Creek
- Lower Wilbarger Creek
- Upper Wilbarger Creek
- Willow Creek

Existing Wastewater System

- Lift Station
- Wastewater Treatment Plant
- 10" and Smaller Wastewater Line
- 12" and Larger Wastewater Line
- Forcemain

Ongoing Projects

- Lift Station
- Wastewater Treatment Plant
- Wastewater Line
- Forcemain

Present Day Projects

- Wastewater Line

5-Year Projects

- Wastewater Treatment Plant
- Lift Station
- Wastewater Line
- Forcemain

15-Year Projects

- Wastewater Treatment Plant
- Lift Station
- Wastewater Line
- Forcemain
- Decommission Forcemain

0 0.5 1
Miles

OVERALL PROJECTS MAP

MANOR EST. TEXAS 1872

GBA

G:\15320\GIS\WWMP Report Figures\15320_ReportFigures.aprx

Table 7-2: Overall Project List

Project ID	Infrastructure Type	Time Horizon	Current CIP Project ID	Project Name	Type of Improvement	Pipe Diameter (in)[1]	Total Length of Pipe (ft)	Lift Station or WWTP Flow Rate (mgd)	Planning-Level Construction OPCC without Contingency	Capital Cost (30% Contingency, 20% Engr./Survey,)[3]
WW.00.01	Existing/Relief	Present Day	-	Llano St and Lampasas St Interceptors[2]	Exist. Gravity Relief/Upsizing	18"-36"	4,060	-	$3,405,040	$5,652,000
WW.00.02	Existing/Relief	Present Day	-	Pyrite Rd Gravity Sewer (upstream of LS06) - *I/I Mitigation Potential*	Exist. Gravity Relief/Upsizing	18"	930	-	$584,010	$911,000
WW.00.03	Existing/Relief	Present Day	CIP-4	US 290 Interceptor (Still Necessary even if LS06/08/09 are Decommissioned)	Exist. Gravity Relief/Upsizing	24"	2,030	-	$1,596,488	$2,491,000
WW.00.04	Existing/Relief	Present Day	-	Rehabilitation and I/I Mitigation in Existing Sewers	Rehabilitation	-	40,440	-	$7,279,200	$11,356,000
WW.05.01	Treatment	5-Year	S-31	Cottonwood WWTP Expansion Ph. 3 (Expansion from 0.4 to 0.6 MGD)	Exist. WWTP Expansion	-	-	0.2	$3,260,000	$5,086,000
WW.05.02	Treatment	5-Year	-	Wilbarger WWTP Expansion (Expansion from 1.33 to 2.0 MGD)	Exist. WWTP Expansion	-	-	0.67	$16,750,000	$26,130,000
WW.05.03	New/Extension	5-Year	S-36	Manor Springs Lift Station Improvements	New LS to Serve Growth	6"(F)	3,760(F)	0.5	$1,606,289	$2,506,000
WW.05.04	New/Extension	5-Year	S-23	Voelker Ln. Wastewater Improvements	New Gravity to Serve Growth	12"	6,560	-	$4,595,771	$7,169,000
WW.15.01	Treatment	15-Year	S-39/40/41	East Travis Regional WWTP	New WWTP to Serve Growth	-	-	1.5	$37,403,000	$58,349,000
WW.15.02	Existing/Relief	15-Year	Dev. Agr.	Lift Station 1 (Las Entradas) and O09-006_O09-005	Exist. LS Expansion	18"	260	-	$164,430	$257,000
WW.15.03	Existing/Relief	15-Year	S-18	West Cottonwood Creek Existing Interceptor	Exist. Gravity Relief/Upsizing	24"-27"	8,500	-	$8,236,967	$12,850,000
WW.15.04	Existing/Relief	15-Year	S-16	East Cottonwood Creek Existing Interceptor	Exist. Gravity Relief/Upsizing	27"-33"	3,070	-	$3,392,810	$5,293,000
WW.15.05	Existing/Relief	15-Year	-	FM973 Interceptor (Not Necessary if LS06 is Decommissioned)	Exist. Gravity Relief/Upsizing	18"	4,220	-	$2,658,600	$4,147,000
WW.15.06	New/Extension	15-Year	S-38	South Cottonwood Creek Wastewater Interceptor Improvements Phase 1[2]	New Gravity to Serve Growth	39"-45"	7,960	-	$15,366,210	$25,508,000
WW.15.07	New/Extension	15-Year	S-38	South Cottonwood Creek Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	36"	8,910	-	$13,811,117	$21,545,000
WW.15.08	New/Extension	15-Year	S-23	Willow Creek Wastewater and Lift Station Improvements	New Gravity/LS to Serve Growth	24"(G), 6"(F)	2,160(G/F)	0.65	$1,642,456	$2,562,000
WW.15.09	New/Extension	15-Year	-	Willow Creek West Tributary Wastewater Interceptor Improvements Phase 1	New Gravity to Serve Growth	24"	5,210	-	$5,424,105	$8,462,000
WW.15.10	New/Extension	15-Year	-	Willow Creek West Tributary Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	15"-21"	7,710	-	$6,455,271	$10,070,000
WW.15.11	New/Extension	15-Year	-	East US290 Wastewater Improvements	New Gravity to Serve Growth	15"	2,920	-	$2,219,654	$3,463,000
WW.15.12	New/Extension	15-Year	-	North Cottonwood Creek East Tributary Wastewater Interceptor Improvements	New Gravity to Serve Growth	15"-18"	8,480	-	$6,720,382	$10,484,000
WW.15.13	New/Extension	15-Year	-	South Cottonwood Creek West Tributary Wastewater Interceptor Improvements Phase 1	New Gravity to Serve Growth	27"	7,390	-	$8,791,977	$13,715,000
WW.15.14	New/Extension	15-Year	-	South Cottonwood Creek West Tributary Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	27"	3,590	-	$4,424,675	$6,902,000
WW.15.15	New/Extension	15-Year	-	Littig Rd. Wastewater Improvements[2]	New Gravity to Serve Growth	12"	8,510	-	$5,961,816	$9,897,000
WW.15.16	New/Extension	15-Year	-	North Cottonwood Creek Wastewater Interceptor Improvements Phase 1	New Gravity to Serve Growth	21"-24"	7,238	-	$7,379,755	$11,512,000
WW.15.17	New/Extension	15-Year	-	North Cottonwood Creek Wastewater Interceptor Improvements Phase 2	New Gravity to Serve Growth	12"-18"	10,367	-	$8,035,168	$12,535,000
WW.15.18	New/Extension	15-Year	-	South Wilbarger Creek Lift Station Improvements	New LS to Serve Growth	4"(F)	5,040(F)	0.25	$1,287,296	$2,008,000
WW.15.19	New/Extension	15-Year	-	Lift Station #6 (Stonewater) Decommissioning	New Gravity to Abandon LS	18"	3,300	-	$3,134,355	$4,890,000
WW.15.20	New/Extension	15-Year	-	Lift Station #8 (Presidential Glen Ph. 4B) Decommissioning	New Gravity to Abandon LS	12"	1,400	-	$1,281,253	$1,999,000
WW.15.21	New/Extension	15-Year	-	Lift Station #9 (Presidential Heights) Decommissioning	New Gravity to Abandon LS	12"	500	-	$650,448	$1,015,000

Notes:

1) For pipe diameters and lengths, gravity main is assumed, except where (F) indicates force main, and (G) indicates gravity main.
2) Select projects include an additional 10% contingency for railroad crossings to account for additional costs (permitting, extra boring length, etc.).
3) For new/extension projects not within the ROW or an exisitng easement, a unit cost of $87,900/acre was utilized for easement cost estimates.
The easement unit cost includes survey, easement acquisition, engineering fees, condemnation/attorney fees, and ROW agent fees.

LS06, LS08, and LS09 are recommended to be decommissioned and re-routed by gravity towards East Travis Regional WWTP once it is built. This reduces burden on Wilbarger WWTP and the FM973 interceptor, and reduces LS O&M costs.
Projects Not Included: The above list does not include Bell Farms LS upgrades (LS04), Carriage Hills LS or interceptor upgrades, Cottonwood Cr. WWTP Ph. 2 expansion to 0.4 MGD (developer-funded), or other projects currently in-progress.

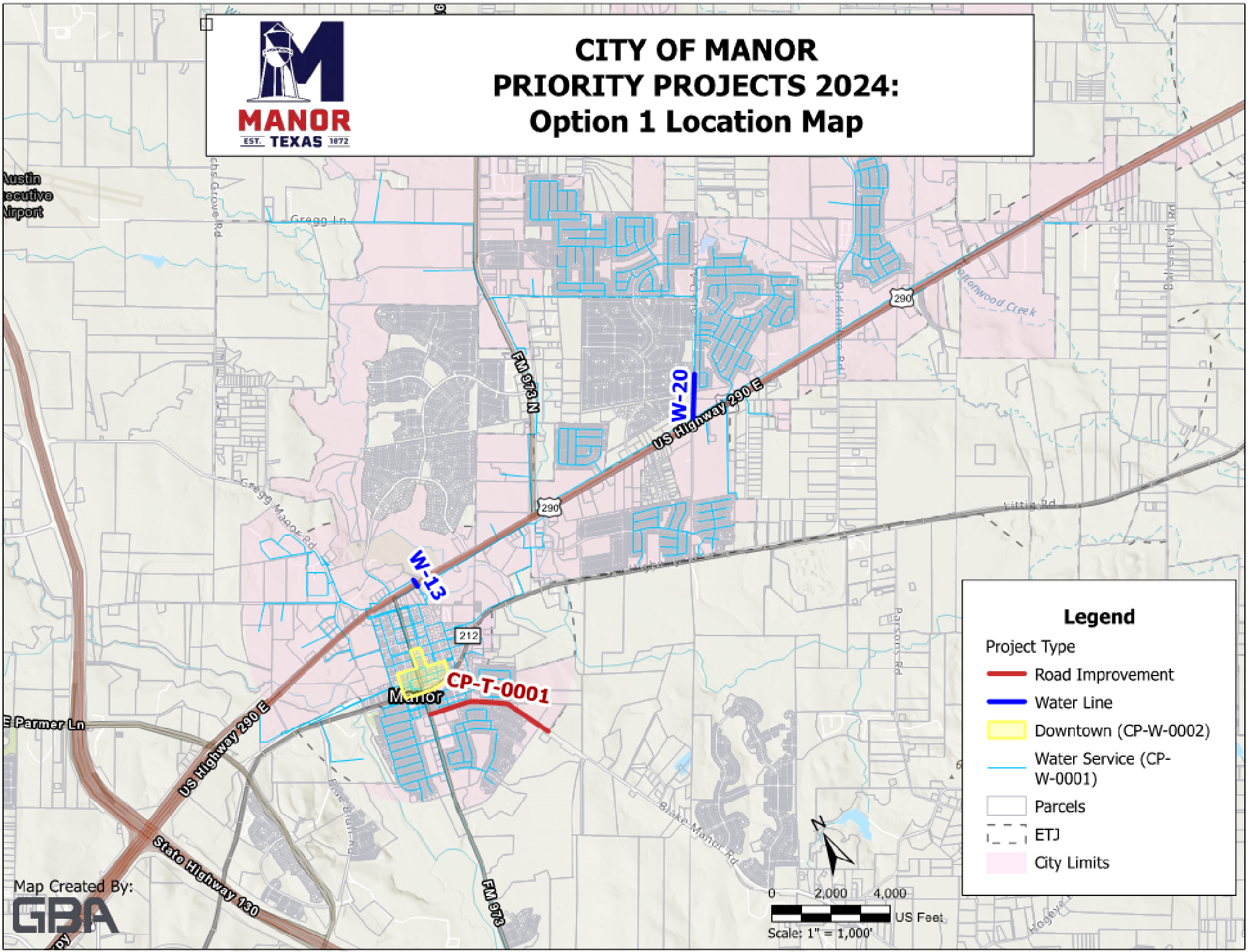
Time Horizon	Capital Cost
Present Day	$ 20,410,000
5-Year	$ 40,891,000
15-Year	$ 227,463,000
Total, All Projects	**$ 288,764,000**

City of Manor, Texas

Capital Improvement Program

Fiscal Year 2024

CITY OF MANOR
PRIORITY PROJECTS 2024:
Option 1 Location Map

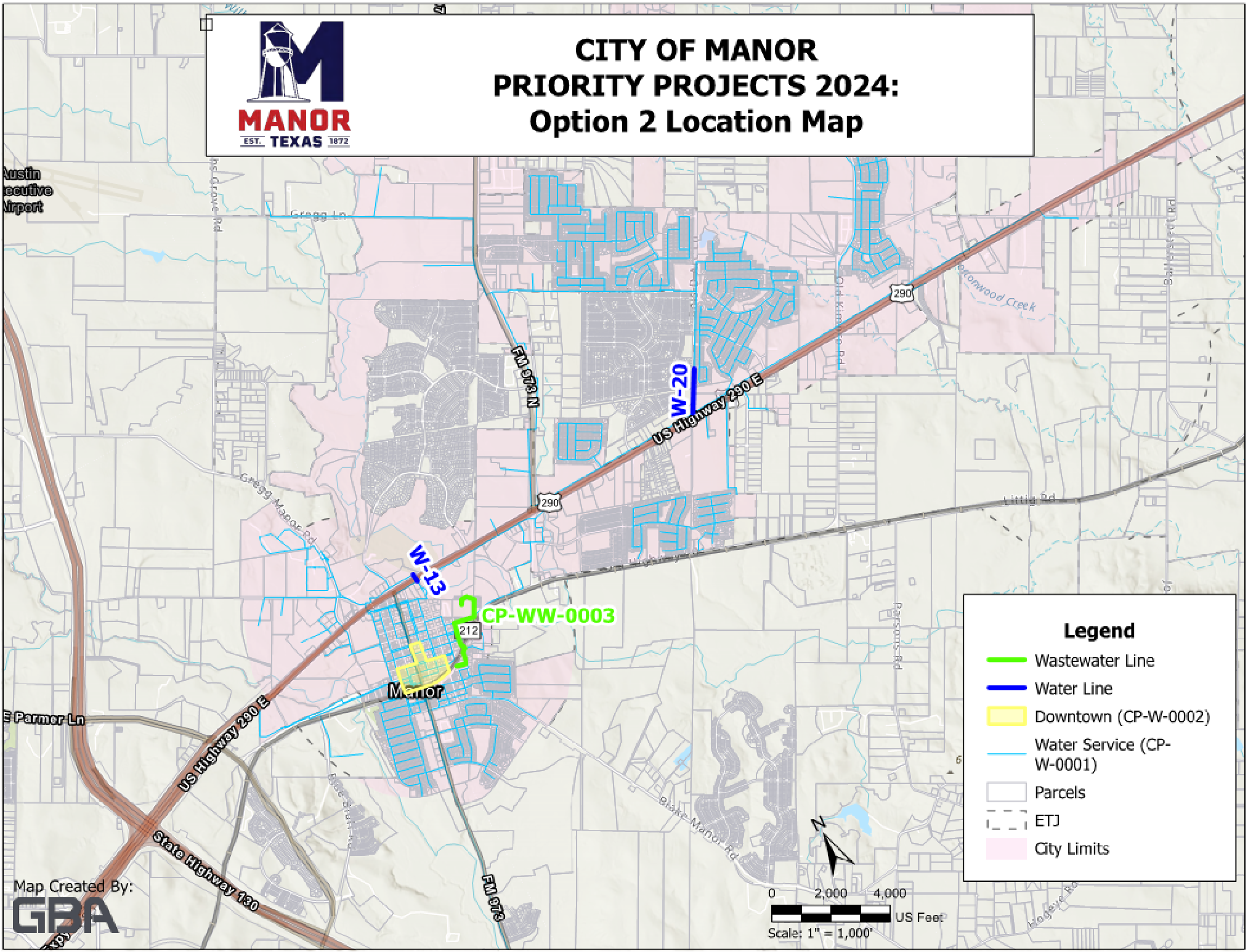


4/1/2024

CITY OF MANOR PRIORITY PROJECTS - OPTION 1

Color Code:	
	Projects from 2023 Bond Project List
	Projects from Wastewater Master Plan
	Projects from Water Master Plan

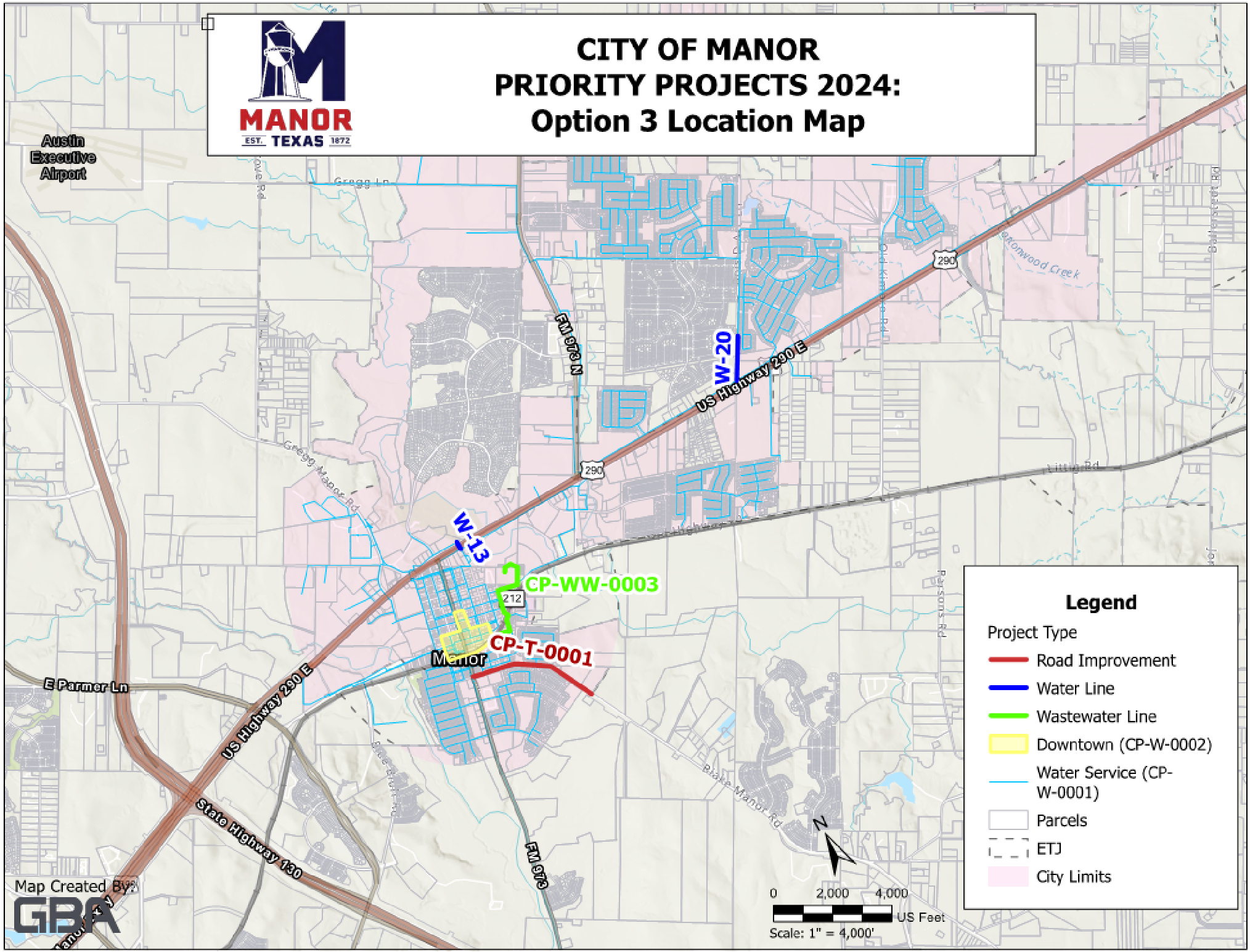
Priority	Project ID	Type	Project Title	Project Description	Project Costs				Origin	Funding Source
					FY 2024	FY 2025	FY 2026	Total Cost		
1	CP-W-0002	Water	Waterline Upsizing Project	This project involves the replacement of the existing 12" waterline with a 16" waterline between the intermediate tank to downtown.	$ -	$ 555,000.00	$ 3,700,000.00	$ 4,255,000.00	Water Master Plan	TBD
2	CP-W-0004	Water	Alternative Water Options Research Project	This project will research alternative water sources for the City that were introduced in the Water Master Plan.	$ 250,000.00	$ -	$ -	$ 250,000.00	Water Master Plan	TBD
3	W-13	Water	US 290 Crossing at Golf Course	This water line project is necessary to provide adequate conveyance across US 290 from the Gregg Manor Road ground storage tank and pressurization facility to the south side of US 290. Manor will be able to receive more flow from the wholesale supplier at the take point at the new tank and pump station and needs addtional capacity to convey the increased supply to downtown Manor. The crossing will also provide system resiliency by creating another connection from the north to the south side US 290.	$ -	$ 48,000.00	$ 552,000.00	$ 600,000.00	2023 Bond Project List	2023 Certificates of Obligation
4	W-20	Water	Bois d'Arc 16" Waterline	This connecting line will complete a water line loop along Bois de' Arc lane that will provide for improved water quality, system reliability and enhanced distribution system capacity for growth in the area.	$ 328,000.00	$ 1,184,000.00	$ -	$ 1,512,000.00	2023 Bond Project List	2023 Certificates of Obligation
5	CP-W-0001	Water	Water Master Plan (Water Supply)	The water master plan is to be completed this year. Adoption of the plan will include recommendations for water supply options. To allow sufficient time for planning, engineering and construction, preliminary engineering needs to begin in 2024 and design completed in 2025 to assure adquate water supplies when needed.	$ 250,000.00	$ 1,750,000.00	$ 20,000,000.00	$ 22,000,000.00	2023 Bond Project List	2023 Certificates of Obligation
6A	CP-T-0001	Transportation	Brenham Road (Blake Manor) Improvements	Project is for improvement and expansion of Brenham Road (Blake Manor Road) from Lexington Street (FM973), with the option to extend from Bastrop Street, east to the City Limits from a 2-lane road to a 3-lane road, including drainage and SUP improvements to transition from County road improvements east of Manor into Manor.	$ 151,590.00	$ 259,315.00	$ 4,850,089.00	$ 5,260,994.00	2023 Bond Project List	2023 Certificates of Obligation
				Total Cost	**$ 979,590.00**	**$ 3,796,315.00**	**$ 29,102,089.00**	**$ 33,877,994.00**		


CITY OF MANOR
PRIORITY PROJECTS 2024:
Option 2 Location Map
MANOR
EST. TEXAS 1872
W-20
W-13
CP-WW-0003
Manor
US Highway 290 E
FM 973 N
FM 973
State Highway 130
Gregg Manor Rd
Blake Manor Rd
Parsons Rd
Littig Rd
Bellefield Rd
Old Kimbro Rd
Gregg Ln
E Parmer Ln
Austin Executive Airport
Legend
Wastewater Line
Water Line
Downtown (CP-W-0002)
Water Service (CP-W-0001)
Parcels
ETJ
City Limits
0
2,000
4,000
US Feet
Scale: 1" = 1,000'
Map Created By:
GBA
4/1/2024

CITY OF MANOR PRIORITY PROJECTS - OPTION 2

Color Code:	
	Projects from 2023 Bond Project List
	Projects from Wastewater Master Plan
	Projects from Water Master Plan

Priority	Project ID	Type	Project Title	Project Description	Project Costs				Origin	Funding Source
					FY 2024	FY 2025	FY 2026	Total Cost		
1	CP-W-0002	Water	Waterline Upsizing Project	This project involves the replacement of the existing 12" waterline with a 16" waterline between the intermediate tank to downtown.	$ -	$ 555,000.00	$ 3,700,000.00	$ 4,255,000.00	Water Master Plan	TBD
2	CP-W-0004	Water	Alternative Water Options Research Project	This project will research alternative water sources for the City that were introduced in the Water Master Plan.	$ 250,000.00	$ -	$ -	$ 250,000.00	Water Master Plan	TBD
3	W-13	Water	US 290 Crossing at Golf Course	This water line project is necessary to provide adequate conveyance across US 290 from the Gregg Manor Road ground storage tank and pressurization facility to the south side of US 290. Manor will be able to receive more flow from the wholesale supplier at the take point at the new tank and pump station and needs addtional capacity to convey the increased supply to downtown Manor. The crossing will also provide system resiliency by creating another connection from the north to the south side US 290.	$ -	$ 48,000.00	$ 552,000.00	$ 600,000.00	2023 Bond Project List	2023 Certificates of Obligation
4	W-20	Water	Bois d'Arc 16" Waterline	This connecting line will complete a water line loop along Bois de' Arc lane that will provide for improved water quality, system reliability and enhanced distribution system capacity for growth in the area.	$ 328,000.00	$ 1,184,000.00	$ -	$ 1,512,000.00	2023 Bond Project List	2023 Certificates of Obligation
5	CP-W-0001	Water	Water Master Plan (Water Supply)	The water master plan is to be completed this year. Adoption of the plan will include recommendations for water supply options. To allow sufficient time for planning, engineering and construction, preliminary engineering needs to begin in 2024 and design completed in 2025 to assure adquate water supplies when needed.	$ 250,000.00	$ 1,750,000.00	$ 20,000,000.00	$ 22,000,000.00	2023 Bond Project List	2023 Certificates of Obligation
6B	CP-WW-0003	Wastewater	Llano St and Lampasas St Interceptors	The project involves the upgrade/upsize of existing gravity relief pipes, with pipe diameters ranging from 18" to 36". The total length of pipe to be installed is 4,060 feet.	$ 300,000.00	$ 580,000.00	$ 4,427,000.00	$ 5,312,000.00	Present CIP Project List (WWMP)	TBD
				Total Cost	**$ 1,128,000.00**	**$ 4,117,000.00**	**$ 28,679,000.00**	**$ 33,929,000.00**		


CITY OF MANOR
PRIORITY PROJECTS 2024:
Option 3 Location Map
MANOR
EST. TEXAS 1872
Austin Executive Airport
Gregg Ln
FM 973 N
W-20
US Highway 290 E
290
Gregg Manor Rd
W-13
CP-WW-0003
212
CP-T-0001
Manor
E Parmer Ln
US Highway 290 E
State Highway 130
FM 973
Blake Manor Rd
Parsons Rd
Litter Rd
Old Kimbro Rd
Bois d'Arc Rd
Map Created By:
GBA
Legend
Project Type
Road Improvement
Water Line
Wastewater Line
Downtown (CP-W-0002)
Water Service (CP-W-0001)
Parcels
ETJ
City Limits
N
0
2,000
4,000
US Feet
Scale: 1" = 4,000'
5/20/2024

CITY OF MANOR PRIORITY PROJECTS - OPTION 3

Color Code:	Projects from 2023 Bond Project List
	Projects from Wastewater Master Plan
	Projects from Water Master Plan

Priority	Project ID	Type	Project Title	Project Description	Project Costs				Origin	Funding Source
					FY 2024	FY 2025	FY 2026	Total Cost		
1	CP-W-0002	Water	Waterline Upsizing Project	This project involves the replacement of the existing 12" waterline with a 16" waterline between the intermediate tank to downtown.	$ -	$ 555,000.00	$ 3,700,000.00	$ 4,255,000.00	Water Master Plan	TBD
2	CP-W-0004	Water	Alternative Water Options Research Project	This project will research alternative water sources for the City that were introduced in the Water Master Plan.	$ 250,000.00	$ -	$ -	$ 250,000.00	Water Master Plan	TBD
3	W-13	Water	US 290 Crossing at Golf Course	This water line project is necessary to provide adequate conveyance across US 290 from the Gregg Manor Road ground storage tank and pressurization facility to the south side of US 290. Manor will be able to receive more flow from the wholesale supplier at the take point at the new tank and pump station and needs addtional capacity to convey the increased supply to downtown Manor. The crossing will also provide system resiliency by creating another connection from the north to the south side US 290.	$ -	$ 48,000.00	$ 552,000.00	$ 600,000.00	2023 Bond Project List	2023 Certificates of Obligation
4	W-20	Water	Bois d'Arc 16" Waterline	This connecting line will complete a water line loop along Bois de' Arc lane that will provide for improved water quality, system reliability and enhanced distribution system capacity for growth in the area.	$ 328,000.00	$ 1,184,000.00	$ -	$ 1,512,000.00	2023 Bond Project List	2023 Certificates of Obligation
5	CP-W-0001	Water	Water Master Plan (Water Supply)	The water master plan is to be completed this year. Adoption of the plan will include recommendations for water supply options. To allow sufficient time for planning, engineering and construction, preliminary engineering needs to begin in 2024 and design completed in 2025 to assure adquate water supplies when needed.	$ 250,000.00	$ 1,750,000.00	$ 20,000,000.00	$ 22,000,000.00	2023 Bond Project List	2023 Certificates of Obligation
6A	CP-T-0001	Transportation	Brenham Road (Blake Manor) Improvements	Project is for improvement and expansion of Brenham Road (Blake Manor Road) from Lexington Street (FM973), with the option to extend from Bastrop Street, east to the City Limits from a 2-lane road to a 3-lane road, including drainage and SUP improvements to transition from County road improvements east of Manor into Manor.	$ 151,590.00	$ 259,315.00	$ 4,850,089.00	$ 5,260,994.00	2023 Bond Project List	2023 Certificates of Obligation
6B	CP-WW-0003	Wastewater	Llano St and Lampasas St Interceptors	The project involves the upgrade/upsize of existing gravity relief pipes, with pipe diameters ranging from 18" to 36". The total length of pipe to be installed is 4,060 feet.	$ 300,000.00	$ 580,000.00	$ 4,427,000.00	$ 5,312,000.00	Present CIP Project List (WWMP)	TBD
				Total Cost	**$ 1,279,590.00**	**$ 4,376,315.00**	**$ 33,529,089.00**	**$ 39,189,994.00**		

City of Manor, Texas
Capital Improvement Program
Fiscal Year 2024

Project Type: Water

CITY OF MANOR CAPITAL IMPROVEMENT PROGRAM

PROJECT ID:	CP-W-0002
TYPE:	Water
PROJECT TITLE:	Waterline Upsizing Project
ADDRESS:	
LOCATION:	Downtown Manor
DESCRIPTION:	This project involves the replacement of the existing 12" waterline with a 16" waterline between the intermediate tank to downtown.

SCHEDULE	START	END
PRELIM DESIGN		
FINAL DESIGN		
PERMITTING		
CONSTRUCTION		

For Non-Utility Projects, check all that apply:

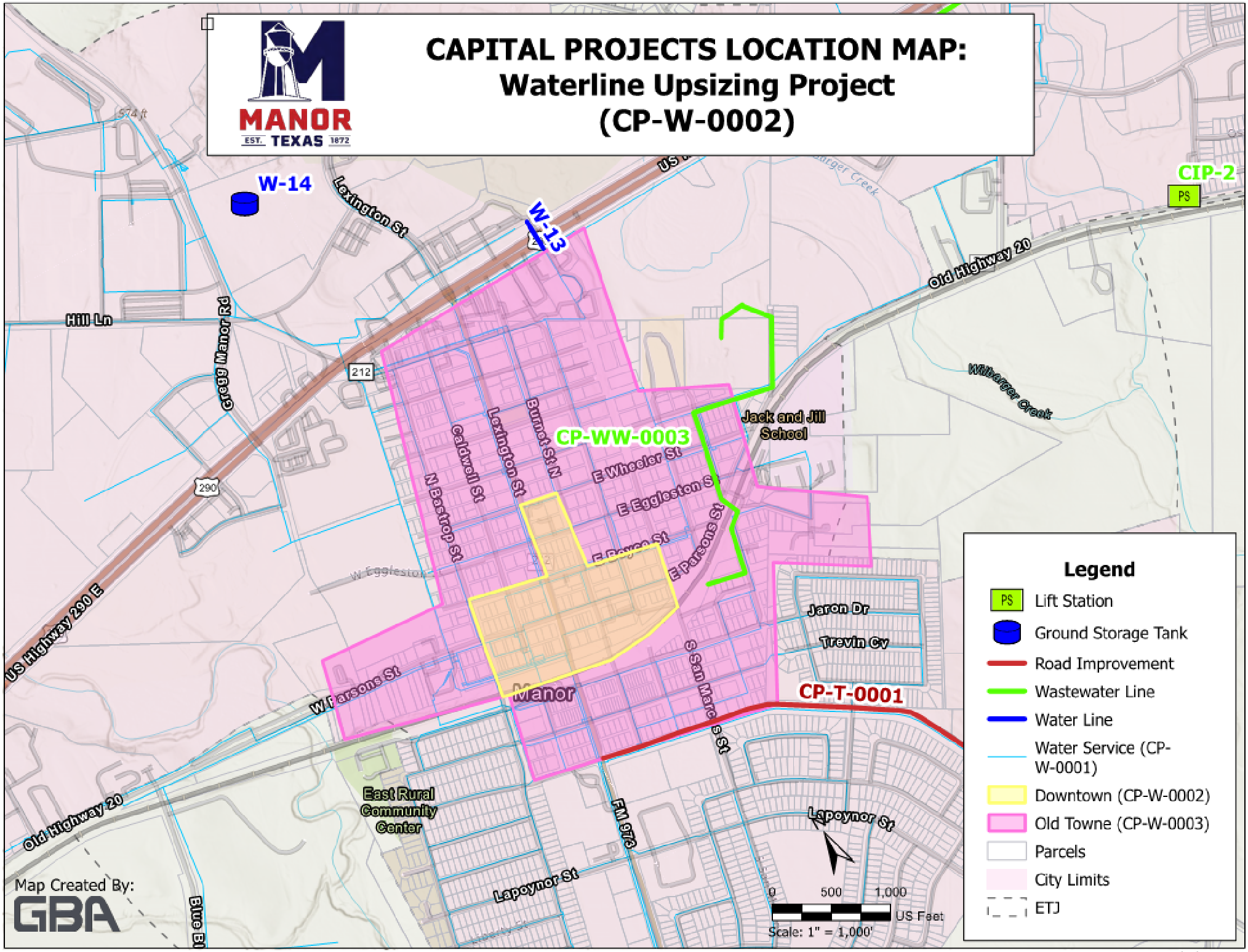
- ☐ Project will also involve the need for NEW City Utility Infrastructure (Water, Storm, Sewer).
- ☐ Project Cost Estimate Below DOES include cost for new utility infrastructure.
- ☐ Project Cost Estimate Below DOES NOT include cost for new utility infrastructure.

PROJECT NEED/BENEFITS

- Improved water flow and pressure.
- Reduced risk of leaks and breaks.
- Enhanced system reliability and resilience.

PROJECT COSTS	FY 2024	FY 2025	FY 2026	TOTAL
Design Phase		$ 555,000.00		$ 555,000.00
Management				$ -
Construction			$ 3,700,000.00	$ 3,700,000.00
Inspection/Testing				$ -
Contingencies				$ -
Other				$ -
Total Estimated Cost	$ -	$ 555,000.00	$ 3,700,000.00	$ 4,255,000.00

PROJECT BUDGET	FY 2024	FY 2025	FY 2026	TOTAL
FUNDING SOURCE				
	$ -	$ 555,000.00	$ 3,700,000.00	$ 4,255,000.00
Total Revenues	$ -	$ 555,000.00	$ 3,700,000.00	$ 4,255,000.00
EXPENDITURE				
	$ -	$ 555,000.00	$ 3,700,000.00	$ 4,255,000.00
Total Expenditures	$ -	$ 555,000.00	$ 3,700,000.00	$ 4,255,000.00


CAPITAL PROJECTS LOCATION MAP:
Waterline Upsizing Project
(CP-W-0002)
MANOR
EST. TEXAS 1872
W-14
W-13
CIP-2
PS
Lexington St
Old Highway 20
Hill Ln
Gregg Manor Rd
212
290
US Highway 290 E
Caldwell St
N Bastrop St
Burnet St N
E Wheeler St
E Eggleston St
E Parsons St
CP-WW-0003
Jack and Jill School
Jaron Dr
Trevin Cv
CP-T-0001
S San Marcos St
W Parsons St
Manor
East Rural Community Center
FM 973
Lapoynor St
Blue Bl
Map Created By:
GBA
Legend
Lift Station
Ground Storage Tank
Road Improvement
Wastewater Line
Water Line
Water Service (CP-W-0001)
Downtown (CP-W-0002)
Old Towne (CP-W-0003)
Parcels
City Limits
ETJ
0
500
1,000
US Feet
Scale: 1" = 1,000'
4/1/2024

CITY OF MANOR CAPITAL IMPROVEMENT PROGRAM

PROJECT ID:	CP-W-0004
TYPE:	Water
PROJECT TITLE:	Alternative Water Options Research Project
ADDRESS:	
LOCATION:	City of Manor
DESCRIPTION:	This project will research alternative water sources for the City that were introduced in the Water Master Plan.

SCHEDULE	START	END
PRELIM DESIGN		
FINAL DESIGN		
PERMITTING		
CONSTRUCTION		

For Non-Utility Projects, check all that apply:

- ☐ Project will also involve the need for NEW City Utility Infrastructure (Water, Storm, Sewer).
- ☐ Project Cost Estimate Below DOES include cost for new utility infrastructure.
- ☐ Project Cost Estimate Below DOES NOT include cost for new utility infrastructure.

PROJECT NEED/BENEFITS

- Diversification of water supply.
- Increased resilience to drought and water shortages.
- Potential cost savings.

PROJECT COSTS	FY 2024	FY 2025	FY 2026	TOTAL
Design Phase				$ -
Management				$ -
Construction				$ -
Inspection/Testing				$ -
Contingencies				$ -
Other				$ -
Total Estimated Cost	$ 250,000.00	$ -	$ -	$ 250,000.00

PROJECT BUDGET	FY 2024	FY 2025	FY 2026	TOTAL
FUNDING SOURCE				
	$ 250,000.00	$ -	$ -	$ 250,000.00
Total Revenues	$ 250,000.00	$ -	$ -	$ 250,000.00
EXPENDITURE				
	$ 250,000.00	$ -	$ -	$ 250,000.00
Total Expenditures	$ 250,000.00	$ -	$ -	$ 250,000.00

CITY OF MANOR CAPITAL IMPROVEMENT PROGRAM

PROJECT ID:	W-13
TYPE:	Water
PROJECT TITLE:	US 290 Crossing at Golf Course
ADDRESS:	US-290, Manor, TX 78653
LOCATION:	Across US HWY 290, next to the Shadow Glen Golf Club
DESCRIPTION:	This water line project is necessary to provide adequate conveyance across US 290 from the Gregg Manor Road ground storage tank and pressurization facility to the south side of US 290. Manor will be able to receive more flow from the wholesale supplier at the take point at the new tank and pump station and needs addtional capacity to convey the increased supply to downtown Manor. The crossing will also provide system resiliency by creating another connection from the north to the south side US 290.

SCHEDULE	START	END
PRELIM DESIGN		
FINAL DESIGN		
PERMITTING		
CONSTRUCTION		

For Non-Utility Projects, check all that apply:

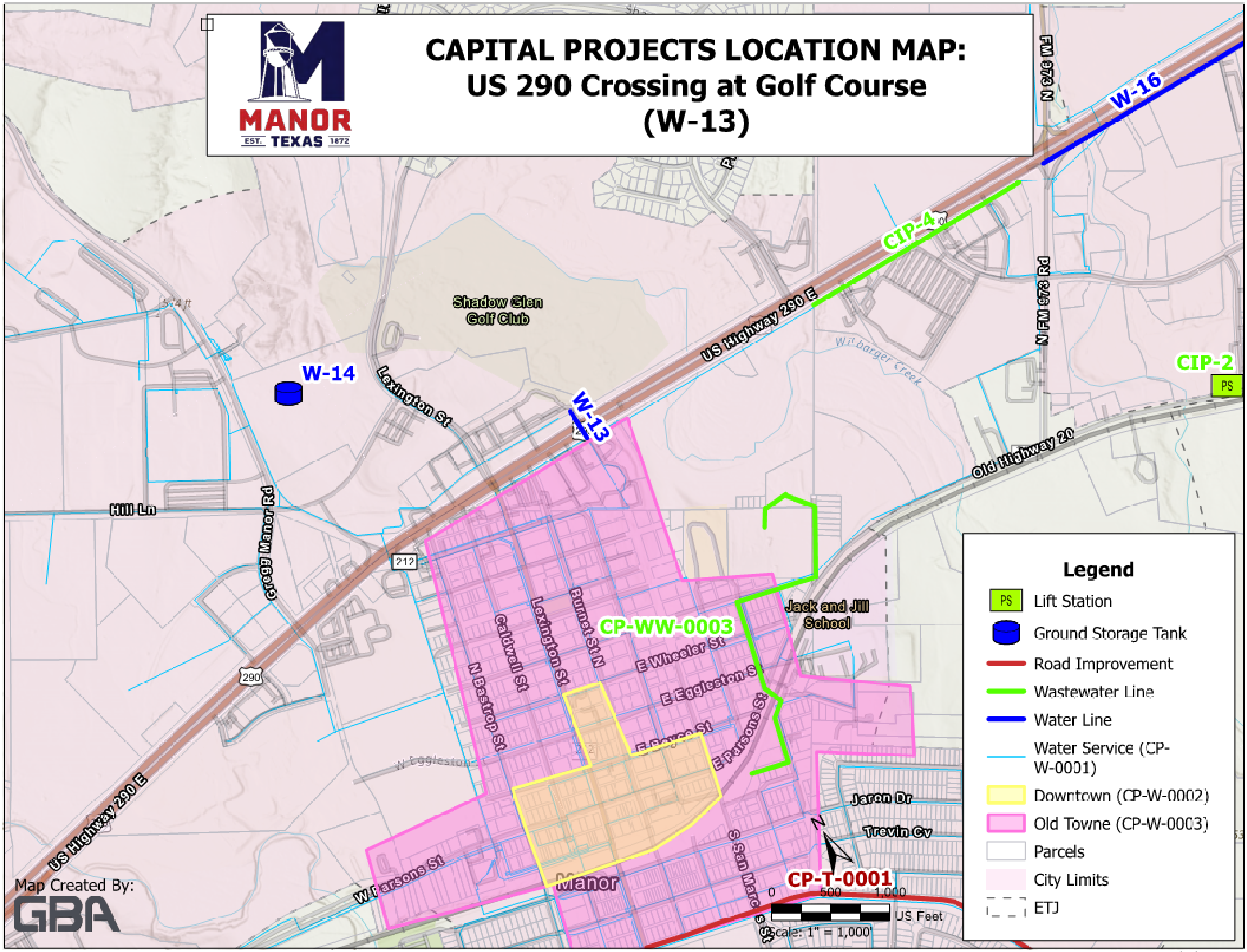
- ☐ Project will also involve the need for NEW City Utility Infrastructure (Water, Storm, Sewer).
- ☐ Project Cost Estimate Below DOES include cost for new utility infrastructure.
- ☐ Project Cost Estimate Below DOES NOT include cost for new utility infrastructure.

PROJECT NEED/BENEFITS

- Support for future growth and development
- Improved coneyance and increased flow capacity

PROJECT COSTS	FY 2024	FY 2025	FY 2026	TOTAL
Design Phase		$ 48,000.00		$ 48,000.00
Management			$ 20,000.00	$ 20,000.00
Construction			$ 532,000.00	$ 532,000.00
Inspection/Testing				$ -
Contingencies				$ -
Other				$ -
Total Estimated Cost	$ -	$ 48,000.00	$ 552,000.00	$ 600,000.00

PROJECT BUDGET	FY 2024	FY 2025	FY 2026	TOTAL
FUNDING SOURCE				
2023 Certificates of Obligation	$ -	$ 48,000.00	$ 552,000.00	$ 600,000.00
Total Revenues	$ -	$ 48,000.00	$ 552,000.00	$ 600,000.00
EXPENDITURE				
US 290 Crossing at Golf Course	$ -	$ 48,000.00	$ 552,000.00	$ 600,000.00
Total Expenditures	$ -	$ 48,000.00	$ 552,000.00	$ 600,000.00


CAPITAL PROJECTS LOCATION MAP:
US 290 Crossing at Golf Course
(W-13)
MANOR
EST. TEXAS 1872
W-16
FM 973 N
CIP-4
US Highway 290 E
Shadow Glen
Golf Club
W-14
Lexington St
W-13
N FM 973 Rd
CIP-2
PS
Old Highway 20
Hill Ln
Gregg Manor Rd
212
290
CP-WW-0003
Caldwell St
Lexington St
Burnet St N
N Bastrop St
E Wheeler St
E Eggleston S
E Parsons St
Jack and Jill
School
Jaron Dr
Trevin Cv
S San Marcos St
W Parsons St
Manor
CP-T-0001
Legend
Lift Station
Ground Storage Tank
Road Improvement
Wastewater Line
Water Line
Water Service (CP-W-0001)
Downtown (CP-W-0002)
Old Towne (CP-W-0003)
Parcels
City Limits
ETJ
0
500
1,000
US Feet
Scale: 1" = 1,000'
Map Created By:
GBA
4/1/2024

CITY OF MANOR CAPITAL IMPROVEMENT PROGRAM

PROJECT ID:	W-20
TYPE:	Water
PROJECT TITLE:	Bois d'Arc 16" Waterline
ADDRESS:	Bois d'Arc Rd, Manor, TX 78653
LOCATION:	Bois d'Arc Rd, between President Meadows and Presidential Glen
DESCRIPTION:	This connecting line will complete a water line loop along Bois de' Arc lane that will provide for improved water quality, system reliability and enhanced distribution system capacity for growth in the area.

SCHEDULE	START	END
PRELIM DESIGN		
FINAL DESIGN		
PERMITTING		
CONSTRUCTION		

For Non-Utility Projects, check all that apply:

- ☐ Project will also involve the need for NEW City Utility Infrastructure (Water, Storm, Sewer).
- ☐ Project Cost Estimate Below DOES include cost for new utility infrastructure.
- ☐ Project Cost Estimate Below DOES NOT include cost for new utility infrastructure.

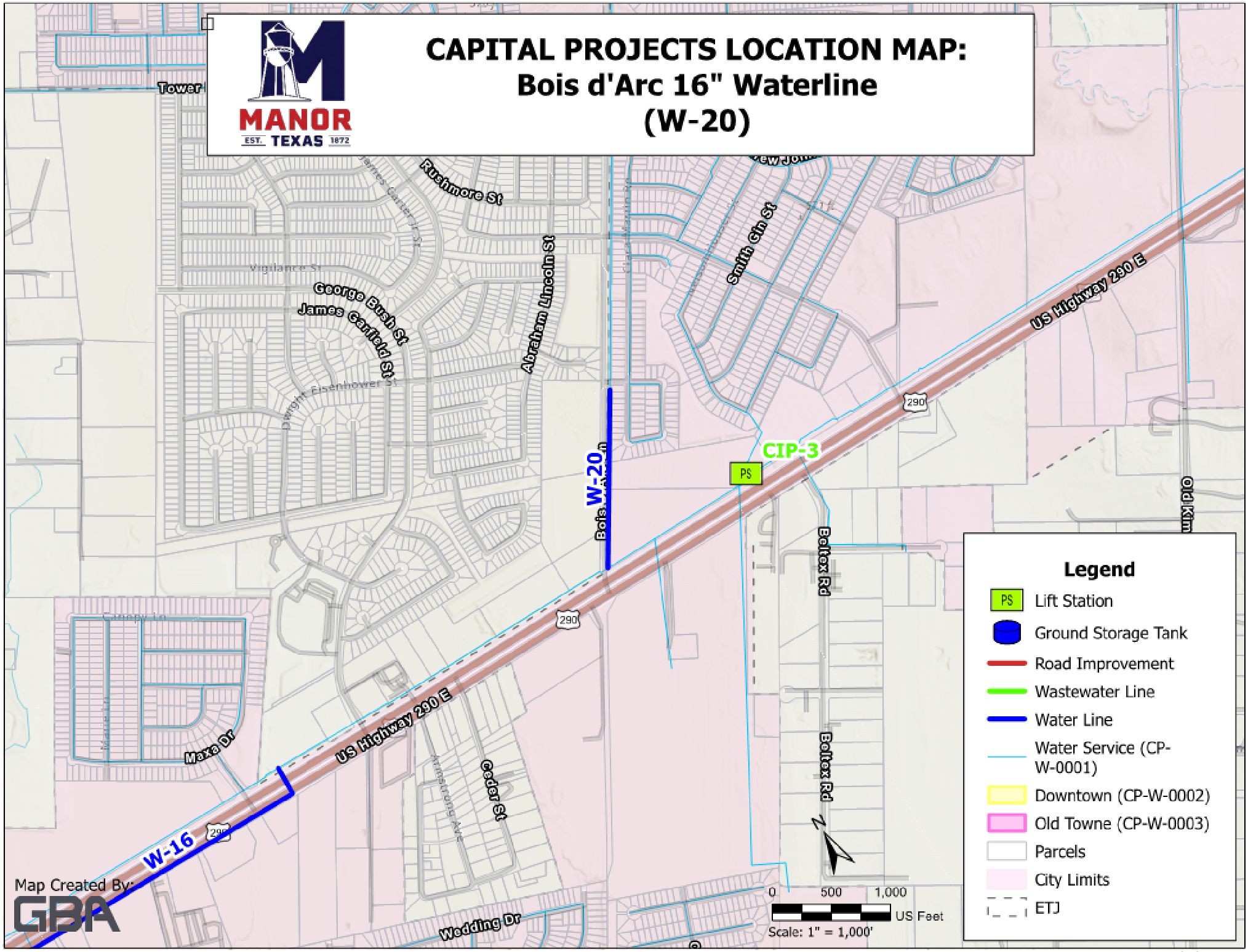
PROJECT NEED/BENEFITS

- Improved water quality and system reliability
- Enhanced distribution system capacity for population growth in the area

PROJECT COSTS	FY 2024	FY 2025	FY 2026	TOTAL
Design Phase	$ 120,000.00			$ 120,000.00
Management		$ 50,000.00		$ 50,000.00
Construction	$ 208,000.00	$ 1,134,000.00		$ 1,342,000.00
Inspection/Testing				$ -
Contingencies				$ -
Other				$ -
Total Estimated Cost	$ 328,000.00	$ 1,184,000.00	$ -	$ 1,512,000.00

PROJECT BUDGET	FY 2024	FY 2025	FY 2026	TOTAL
FUNDING SOURCE				
2023 Certificates of Obligation	$ 328,000.00	$ 1,184,000.00	$ -	$ 1,512,000.00
Total Revenues	$ 328,000.00	$ 1,184,000.00	$ -	$ 1,512,000.00
EXPENDITURE				
Bois d'Arc 16" Waterline	$ 328,000.00	$ 1,184,000.00	$ -	$ 1,512,000.00
Total Expenditures	$ 328,000.00	$ 1,184,000.00	$ -	$ 1,512,000.00

CAPITAL PROJECTS LOCATION MAP:
Bois d'Arc 16" Waterline
(W-20)



CITY OF MANOR CAPITAL IMPROVEMENT PROGRAM

PROJECT ID:	CP-W-0001 (15317)
TYPE:	Water
PROJECT TITLE:	Water Master Plan (Water Supply)
ADDRESS:	
LOCATION:	All Manor water service areas
DESCRIPTION:	The water master plan is to be completed this year. Adoption of the plan will include recommendations for water supply options. To allow sufficient time for planning, engineering and construction, preliminary engineering needs to begin in 2024 and design completed in 2025 to assure adquate water supplies when needed.

SCHEDULE	START	END
PRELIM DESIGN		
FINAL DESIGN		
PERMITTING		
CONSTRUCTION		

For Non-Utility Projects, check all that apply:

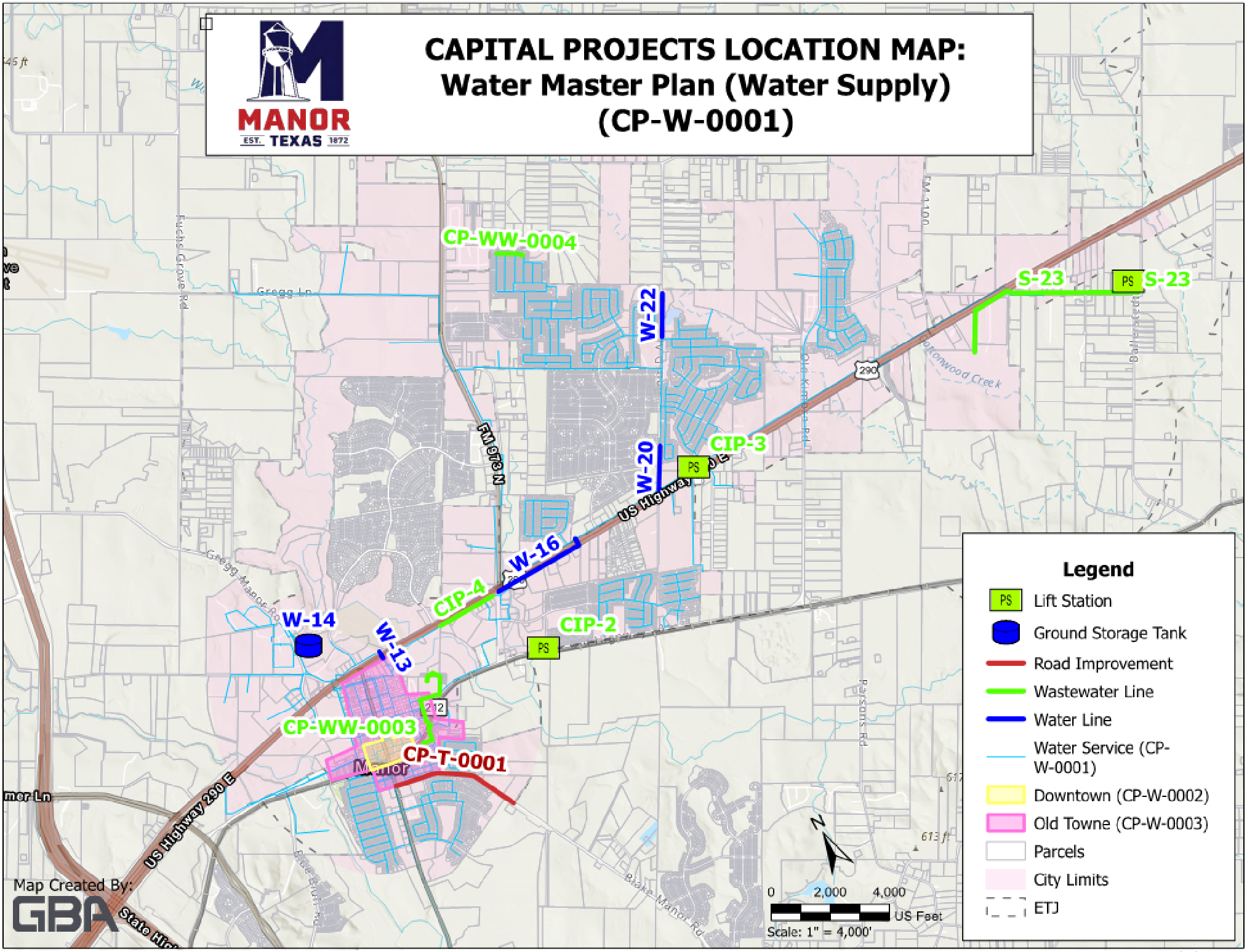
- ☐ Project will also involve the need for NEW City Utility Infrastructure (Water, Storm, Sewer).
- ☐ Project Cost Estimate Below DOES include cost for new utility infrastructure.
- ☐ Project Cost Estimate Below DOES NOT include cost for new utility infrastructure.

PROJECT NEED/BENEFITS

- Provides guidance on future water supply options
- Ensures the availability of adequate water supplies
- Provides a foundation in which the City can effectively plan for, engineer, and construct necessary infrastructure for future water supply needs

PROJECT COSTS	FY 2024	FY 2025	FY 2026	TOTAL
Design Phase	$ 250,000.00	$ 1,750,000.00		$ 2,000,000.00
Management				$ -
Construction			$ 20,000,000.00	$ 20,000,000.00
Inspection/Testing				$ -
Contingencies				$ -
Other				$ -
Total Estimated Cost	$ 250,000.00	$ 1,750,000.00	$ 20,000,000.00	$ 22,000,000.00

PROJECT BUDGET	FY 2024	FY 2025	FY 2026	TOTAL
FUNDING SOURCE				
2023 Certificates of Obligation	$ 250,000.00	$ 1,750,000.00	$ 20,000,000.00	$ 22,000,000.00
Total Revenues	$ 250,000.00	$ 1,750,000.00	$ 20,000,000.00	$ 22,000,000.00
EXPENDITURE				
Water Master Plan (Water Supply)	$ 250,000.00	$ 1,750,000.00	$ 20,000,000.00	$ 22,000,000.00
Total Expenditures	$ 250,000.00	$ 1,750,000.00	$ 20,000,000.00	$ 22,000,000.00


CAPITAL PROJECTS LOCATION MAP:
Water Master Plan (Water Supply)
(CP-W-0001)
MANOR
EST. TEXAS 1872
CP-WW-0004
W-22
S-23
PS
S-23
CIP-3
W-20
W-16
CIP-4
CIP-2
W-14
W-13
CP-WW-0003
CP-T-0001
FM 973 N
US Highway 290 E
Gregg Manor Rd
Blake Manor Rd
Parsons Rd
Bell Forest
Legend
Lift Station
Ground Storage Tank
Road Improvement
Wastewater Line
Water Line
Water Service (CP-W-0001)
Downtown (CP-W-0002)
Old Towne (CP-W-0003)
Parcels
City Limits
ETJ
0
2,000
4,000
US Feet
Scale: 1" = 4,000'
Map Created By:
GBA
4/1/2024

City of Manor, Texas
Capital Improvement Program
Fiscal Year 2024

Project Type: Wastewater

CITY OF MANOR CAPITAL IMPROVEMENT PROGRAM

PROJECT ID:	CP-WW-0003
TYPE:	Wastewater
PROJECT TITLE:	Llano St and Lampasas St Interceptors
ADDRESS:	
LOCATION:	Llano St and Lampasas St
DESCRIPTION:	The project involves the upgrade/upsize of existing gravity relief pipes, with pipe diameters ranging from 18" to 36". The total length of pipe to be installed is 4,060 feet.

SCHEDULE	START	END
PRELIM DESIGN		
FINAL DESIGN		
PERMITTING		
CONSTRUCTION		

For Non-Utility Projects, check all that apply:

- ☐ Project will also involve the need for NEW City Utility Infrastructure (Water, Storm, Sewer).
- ☐ Project Cost Estimate Below DOES include cost for new utility infrastructure.
- ☐ Project Cost Estimate Below DOES NOT include cost for new utility infrastructure.

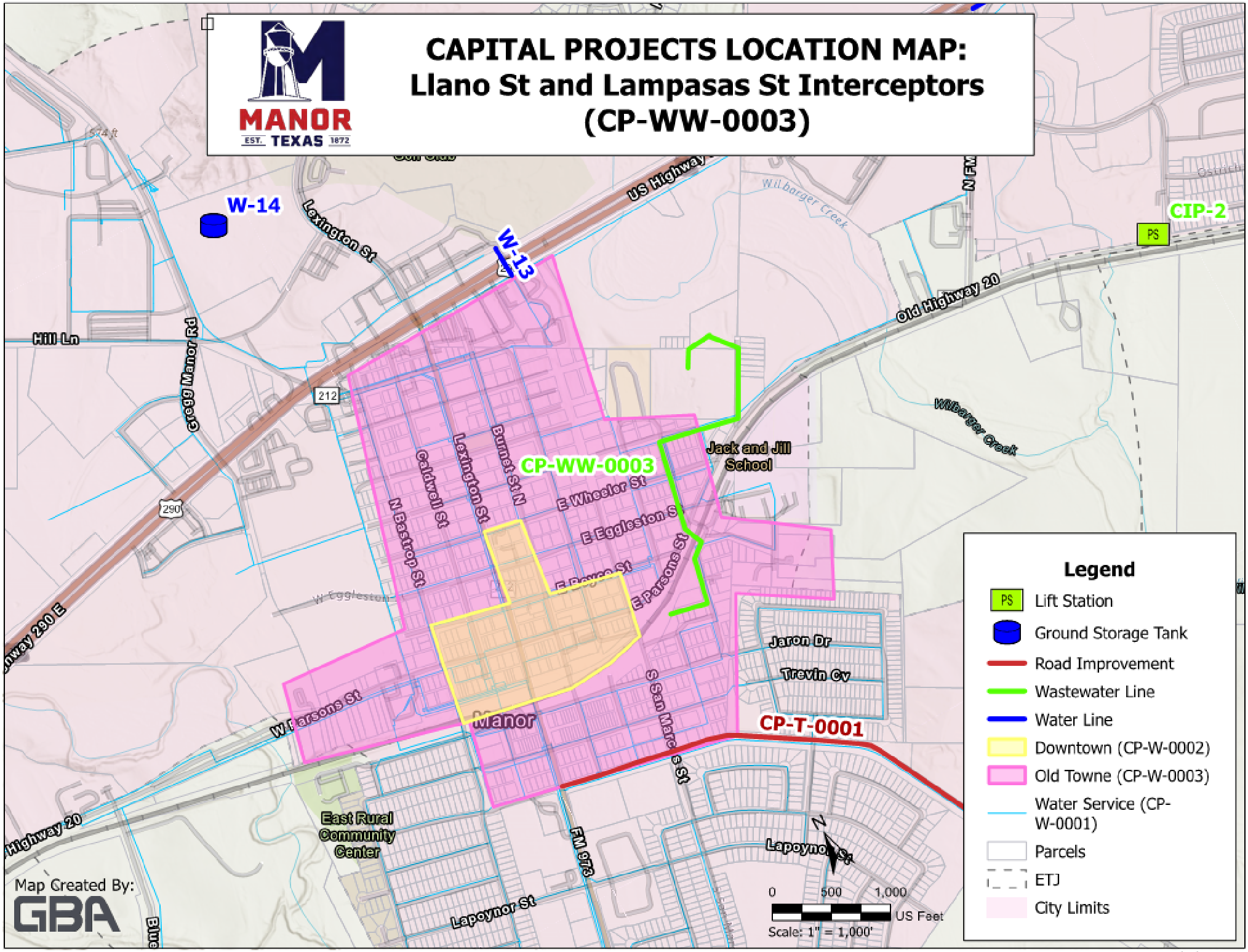
PROJECT NEED/BENEFITS

- Improved system capacity that will help accomodate current and future wastewater flows, reducing the risk of overflows and backups

PROJECT COSTS	FY 2024	FY 2025	FY 2026	TOTAL
Design Phase	$ 300,000.00	$ 580,000.00		$ 880,000.00
Management				$ -
Construction			$ 3,405,040.00	$ 3,405,040.00
Inspection/Testing				$ -
Contingencies			$ 1,026,960.00	$ 1,026,960.00
Other				$ -
Total Estimated Cost	$ 300,000.00	$ 580,000.00	$ 4,432,000.00	$ 5,312,000.00

PROJECT BUDGET	FY 2024	FY 2025	FY 2026	TOTAL
FUNDING SOURCE				
	$ 300,000.00	$ 580,000.00	$ 4,432,000.00	$ 5,312,000.00
Total Revenues	$ 300,000.00	$ 580,000.00	$ 4,432,000.00	$ 5,312,000.00
EXPENDITURE				
	$ 300,000.00	$ 580,000.00	$ 4,432,000.00	$ 5,312,000.00
Total Expenditures	$ 300,000.00	$ 580,000.00	$ 4,432,000.00	$ 5,312,000.00

CAPITAL PROJECTS LOCATION MAP:
Llano St and Lampasas St Interceptors
(CP-WW-0003)



4/1/2024

City of Manor, Texas
Capital Improvement Program
Fiscal Year 2024

Project Type: Transportation

CITY OF MANOR CAPITAL IMPROVEMENT PROGRAM

PROJECT ID:	CP-T-0001
TYPE:	Transportation
PROJECT TITLE:	Brenham Road (Blake Manor) Improvements
ADDRESS:	E Brenham St Manor, TX 78653
LOCATION/LIMITS:	Brenham Road (Blake Manor Road) from Bastrop Street east to the City Limits
DESCRIPTION:	Project is for improvement and expansion of Brenham Road (Blake Manor Road) from Lexington Street (FM973), with the option to extend from Bastrop Street, east to the City Limits from a 2-lane road to a 3-lane road, including drainage and SUP improvements to transition from County road improvements east of Manor into Manor.

SCHEDULE	START	END
PRELIM DESIGN	2024	2025
FINAL DESIGN	2025	2026
PERMITTING	2026	2026
CONSTRUCTION	2026	2027

For Non-Utility Projects, check all that apply:

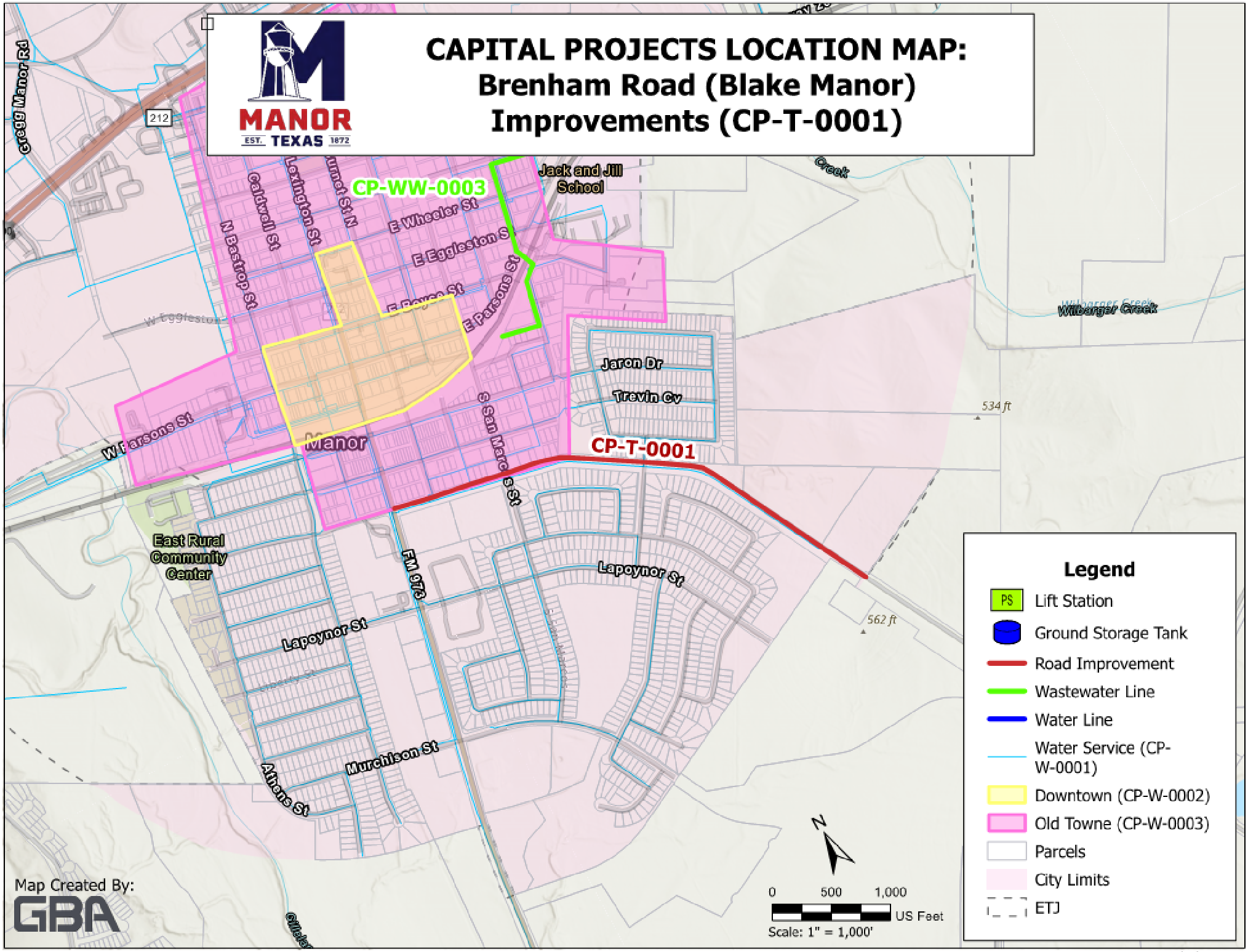
- [x] Project will also involve the need for NEW City Utility Infrastructure (Water, Storm, Sewer).
- [x] Project Cost Estimate Below DOES include cost for new utility infrastructure.
- [ ] Project Cost Estimate Below DOES NOT include cost for new utility infrastructure.

PROJECT NEED/BENEFITS

- Enhanced traffic operations and safety
- Improved drainage to mitigate flooding
- Upgraded shared use paths
- Improved continuity with County segment

PROJECT COSTS	FY 2024	FY 2025	FY 2026	TOTAL
Design Phase	$ 151,590.00	$ 259,315.00		$ 410,905.00
Management			$ 63,490.00	$ 63,490.00
Construction			$ 4,786,599.00	$ 4,786,599.00
Inspection/Testing				$ -
Contingencies				$ -
Other				$ -
Total Estimated Cost	$ 151,590.00	$ 259,315.00	$ 4,850,089.00	$ 5,260,994.00

PROJECT BUDGET	FY 2024	FY 2025	FY 2026	TOTAL
FUNDING SOURCE				
2023 Certificates of Obligation	$ 151,590.00	$ 259,315.00	$ 4,850,089.00	$ 5,260,994.00
Total Revenues	$ 151,590.00	$ 259,315.00	$ 4,850,089.00	$ 5,260,994.00
EXPENDITURE				
Brenham Road (Blake Manor …	$ 151,590.00	$ 259,315.00	$ 4,850,089.00	$ 5,260,994.00
Total Expenditures	$ 151,590.00	$ 259,315.00	$ 4,850,089.00	$ 5,260,994.00


CAPITAL PROJECTS LOCATION MAP:
Brenham Road (Blake Manor)
Improvements (CP-T-0001)
MANOR
EST. TEXAS 1872
CP-WW-0003
CP-T-0001
Jack and Jill School
Gregg Manor Rd
212
Caldwell St
Lexington St
Burnet St N
N Bastrop St
E Wheeler St
E Eggleston St
E Parsons St
W Parsons St
Jaron Dr
Trevin Cv
S San Marcos St
East Rural Community Center
FM 973
Lapoynor St
Murchison St
Athens St
Wilbarger Creek
534 ft
562 ft
Legend
Lift Station
Ground Storage Tank
Road Improvement
Wastewater Line
Water Line
Water Service (CP-W-0001)
Downtown (CP-W-0002)
Old Towne (CP-W-0003)
Parcels
City Limits
ETJ
0
500
1,000
US Feet
Scale: 1" = 1,000'
Map Created By:
GBA
4/1/2024