

Julie Leonard, Place 1 Anthony Butler, Place 2 Cresandra Hardeman, Chair, Place 3 Felix Paiz, Place 4 Celestine Sermo, Place 5 Cecil Meyer, Place 6 LaKesha Small, Place 7 Barth Timmerman, Developer Representative

### **Community Impact Fee Advisory Committee Regular Meeting**

### Wednesday, April 12, 2023, at 8:00 PM

### Manor City Hall, Council Chambers, 105 E. Eggleston St.

### AGENDA

### This meeting will be live streamed on Manor's YouTube Channel

You can access the meeting at https://www.youtube.com/@cityofmanorsocial/streams

### CALL TO ORDER AND ANNOUNCE A QUORUM IS PRESENT

### PUBLIC COMMENTS

Non-Agenda Item Public Comments (white card): Comments will be taken from the audience on non-agenda related topics for a length of time, not to exceed three (3) minutes per person.

Agenda Item Public Comments (yellow card): Comments will be taken from the audience on non-agenda and agenda items combined for a length of time, not to exceed five (5) minutes total per person on all items, except for Public Hearings. Comments on Public Hearing items must be made when the item comes before the Board/Commission/Committee and, not to exceed two (2) minutes per person. No Action or Discussion May be Taken by the Board/Commission/Committee during Public Comments on Non-Agenda Items.

To address the Board/Commission/Committee, please complete the white or yellow card and present it to the city staff designee prior to the meeting.

### CONSENT AGENDA

All of the following items on the Consent Agenda are considered to be self-explanatory by the Community Impact Fee Advisory Committee and will be enacted with one motion. There will be no separate discussion of these items unless requested by the Chair or a Committee Member; in which event, the item will be removed from the consent agenda and considered separately.

**<u>1.</u>** Consideration, discussion, and possible action to approve the minutes of March 8, 2023, Community Impact Fee Advisory Regular Meeting.

### **REGULAR AGENDA**

**2.** Consideration, discussion, and possible action on a Roadway Impact Fee Service Area Map.

- **<u>3.</u>** Consideration, discussion, and possible action on calculating service units for the Roadway Impact Fee.
- **<u>4.</u>** Consideration, discussion, and possible action on calculating Water and Wastewater Impact Fee.

### ADJOURNMENT

In addition to any executive session already listed above, the Community Impact Fee Advisory Committee reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Texas Government Code Section §551.071 (Consultation with Attorney), §551.072 (Deliberations regarding Real Property), §551.073 (Deliberations regarding Gifts and Donations), §551.074 (Personnel Matters), §551.076 (Deliberations regarding Security Devices) and §551.087 (Deliberations regarding Economic Development Negotiations).

### **CONFLICT OF INTEREST**

In accordance with Section 12.04 (Conflict of Interest) of the City Charter, "No elected or appointed officer or employee of the city shall participate in the deliberation or decision on any issue, subject or matter before the council or any board or commission, if the officer or employee has a personal financial or property interest, direct or indirect, in the issue, subject or matter that is different from that of the public at large. An interest arising from job duties, compensation or benefits payable by the city shall not constitute a personal financial interest."

Further, in accordance with Chapter 171, Texas Local Government Code (Chapter 171), no City Council member and no City officer may vote or participate in discussion of a matter involving a business entity or real property in which the City Council member or City officer has a substantial interest (as defined by Chapter 171) and action on the matter will have a special economic effect on the business entity or real property that is distinguishable from the effect on the general public. An affidavit disclosing the conflict of interest must be filled out and filed with the City Secretary before the matter is discussed.

### **POSTING CERTIFICATION**

I, the undersigned authority do hereby certify that this Notice of Meeting was posted on the bulletin board, at the City Hall of the City of Manor, Texas, a place convenient and readily accessible to the general public at all times and said Notice was posted on the following date and time: <u>Thursday, April 6, 2023, by 5:00 p.m.</u> and remained so posted continuously for at least 72 hours preceding the scheduled time of said meeting.

/s/ Lluvia T. Almaraz, TRMC City Secretary for the City of Manor, Texas

### NOTICE OF ASSISTANCE AT PUBLIC MEETINGS:

The City of Manor is committed to compliance with the Americans with Disabilities Act. Manor City Hall and the Council Chambers are wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpretive services must be made 10 days prior to this meeting. Please contact the City Secretary at 512.215.8285 or e-mail lalmaraz@manortx.gov

AGENDA ITEM NO.

Item 1.

1



### AGENDA ITEM SUMMARY FORM

PROPOSED MEETING DATE:April 12, 2023PREPARED BY:Scott Dunlop, DirectorDEPARTMENT:Development Services

### AGENDA ITEM DESCRIPTION:

Consideration, discussion, and possible action to approve the minutes of March 8, 2023, Community Impact Fee Advisory Regular Meeting.

### BACKGROUND/SUMMARY:

LEGAL REVIEW:	Not Applicable
FISCAL IMPACT:	No
PRESENTATION:	No
ATTACHMENTS:	Yes

• March 8, 2023, CIF Advisory Committee Regular Session Minutes

### **STAFF RECOMMENDATION:**

It is the City Staff's recommendation that the Community Impact Fee advisory Committee approve the minutes of the March 8, 2023, CIF Advisory Committee Regular Meeting.

PLANNING & ZONING COMMISSION:	Recommend Approval	Disapproval	None



### COMMUNITY IMPACT FEE ADVISORY COMMITTEE REGULAR SESSION MINUTES MARCH 8, 2023

**PRESENT:** 

### **COMMISSIONERS:**

Cresandra Hardeman, Chairperson, Place 3 (Absent) Julie Leonard, Place 1 Anthony Butler, Place 2 (Absent) Felix Paiz, Place 4 Vacant, Place 5 Cecil Meyer, Place 6 LaKesha Small, Place 7 Barth Timmermann, Developer Representative

### **CITY STAFF:**

Pauline Gray, City Engineer Scott Dunlop, Development Services Director Matthew Woodard, Public Works Director Mandy Miller, Permit Technician Michael Pachnick, IT Technician

### **REGULAR SESSION: 7:30 P.M.**

### CALL TO ORDER AND ANNOUNCE A QUORUM IS PRESENT

With a quorum of the Community Impact Fee (CIF) Advisory Committee present, the Regular Session of the Manor CIF Advisory Committee was called to order by Developer Representative Timmermann at 7:55 p.m. on Wednesday March 8, 2023, in the Council Chambers of the Manor City Hall, 105 E. Eggleston St., Manor, Texas.

### **PUBLIC COMMENTS**

Robert Battaile, 502 E. Eggleston St., Manor, Texas, submitted a speaker card to speak during public comment. He spoke regarding Parkland versus Park Land. He read exerts from code. He expressed his displeasure with the online meeting documents specifically with minutes. He questioned the spreadsheets that were posted but felt the maps were good.

### **CONSENT AGENDA**

- 1. Consideration, discussion, and possible action to approve the minutes of February 8, 2023, Community Impact Fee Advisory Regular Meeting.
- **MOTION:** Upon a motion made by Commissioner Small and seconded by Commissioner Paiz to approve the consent agenda with the correction of Paiz's last name.

There was no further discussion.

### Motion to Approve carried 5-0

### **REGULAR AGENDA**

### 2. Consideration, discussion, and possible action on a Roadway Impact Fee district map.

Engineer Gray present the Roadway Impact District Map to the Committee. She detailed the modifications that were made to the map that were discussed previously which included splitting the city limits up into two (2) service areas. She reminded the Committee of the guidelines they were required to follow when setting the Roadway Impact Fees and the required perimeters of the areas. She also stated there were items that were not noted because they are not yet within the city limits.

The Committee requested to have the roads color-coded to indicate city, county, or state-owned roads.

Engineer Gray answered questions regarding the difference in service areas. She explained the areas were split as evenly as possible based on projected fee amounts.

Discussion was held regarding the breakdown of the size, cost of upcoming projects, and the projected growth in the two (2) service areas. Benefits of splitting the districts into three (3) service areas were considered. Engineer Gray informed the Committee of upcoming Traffic Impact Analysis (TIA) results that would be coming in soon that could help with the evaluation process.

There was no further discussion.

### No Action was taken.

### 3. Consideration, discussion, and possible action on Roadway Impact Fee Capital Improvements Projects.

Engineer Gray presented the same map layout of the service areas to the Committee with the projects labeled. She reiterated there were pending TIAs.

Discussion was held regarding the allocation of funds from the Roadway Impact Fees collected and the TIA Mitigation Funding received. Engineer Gray recommended consulting with Legal regarding the distribution of these types of funds.

Engineer Gray answered questions from the Committee regarding the methodology for how the Roadway Impact Fees are going to be assessed. She explained the correlation between mileage, constructed projects and the projected area it would affect. She stated there was no set methodology.

Discussion was held regarding the process of setting the impact fees. Director Dunlop and Engineer Gray addressed questions regarding the comparison of setting Water and Wastewater Impact Fees to setting the Roadway Impact Fees.

Consideration was given to waiting on TIA reviews verses setting the impact fees and moving forward. Director Dunlop discouraged the Committee from holding off setting the fees based on upcoming TIA results.

Discussion was held regarding the Projects on or near Bois D' Arc and the affect the projects would have on the service area.

Engineer Gray addressed concerns regarding how situations would be handled if there were projects that did not fall completely within a designated service area. Engineer Gray explained that the current process was designed to ensure that a 100% responsibility scale is the easiest way to handle these occurrences. She provided examples of how the percentages would be split.

There was no further discussion.

#### No Action was taken.

### ADJOURNMENT

**MOTION:** Upon a motion made by Commissioner Leonard and seconded by Commissioner Meyer to adjourn the Regular Session of the Community Impact Fee Advisory Committee at 8:29 p.m. on Wednesday, March 8, 2023.

There was no further discussion.

### Motion to Adjourn carried 5-0

These minutes were approved by the Community Impact Fee Advisory Committee on the 12<sup>th</sup> day of April 2023. (*Audio recording archived*)

### **APPROVED:**

Cresandra Hardeman Chairperson

### ATTEST:

Scott Dunlop Development Services Director

AGENDA ITEM NO.

Item 2.

2



### AGENDA ITEM SUMMARY FORM

PROPOSED MEETING DATE:March 8, 2023PREPARED BY:Scott Dunlop, DirectorDEPARTMENT:Development Services

### AGENDA ITEM DESCRIPTION:

Consideration, discussion, and possible action on a Roadway Impact Fee Service Area Map.

### BACKGROUND/SUMMARY:

The Roadway Impact Fee Service Area Map has been updated to show city, county, and state roads. A third service area has also been added.

LEGAL REVIEW:	Not Applicable
FISCAL IMPACT:	NO
PRESENTATION:	NO
ATTACHMENTS:	YES

Service Area Map

### **STAFF RECOMMENDATION:**

It is the City Staff's recommendation that the Community Impact Fee Advisory Committee discuss the Roadway Impact Fee Service Area Map.

PLANNING & ZONING COMMISSION:	<b>Recommend Approval</b>	Disapproval	None
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### Manor Road Impact Fee Map



AGENDA ITEM NO.

Item 3.

3



### AGENDA ITEM SUMMARY FORM

PROPOSED MEETING DATE:April 12, 2023PREPARED BY:Scott Dunlop, DirectorDEPARTMENT:Development Services

### AGENDA ITEM DESCRIPTION:

Consideration, discussion, and possible action on calculating service units for the Roadway Impact Fee

### BACKGROUND/SUMMARY:

Engineering will provide a presentation on how service units are calculated.

LEGAL REVIEW:	Not Applicable
FISCAL IMPACT:	NO
PRESENTATION:	NO
ATTACHMENTS:	YES

Presentation

### **STAFF RECOMMENDATION:**

It is the City Staff's recommendation that the Community Impact Fee Advisory Committee discuss calculating service units for the Roadway Impact Fee

PLANNING & ZONING COMMISSION:	<b>Recommend Approval</b>	Disapproval	None
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# CITY OF MANOR ROADWAY IMPACT FEE

## FUNDING SOURCES

### WHAT ARE THE FUNDING NEEDS?

- MAINTENANCE
- OPERATIONS OF STREETS DEPARTMENT
- COMPLETE RECONSTRUCTION
- GROWTH NEEDS (BONDS, OTHER SOURCES)

# FUNDING OPTIONS

- BONDS
- STREET MAINTENANCE FEE
- ROADWAY IMPACT FEE
- TIRZ (TAX INCREMENT REINVESTMENT ZONE)
- DEVELOPER AGREEMENTS (380 AGREEMENT)
- PID (PUBLIC IMPROVEMENT DISTRICT)
- TRAFFIC IMPACT ANALYSIS (TIA)
- CAPMETRO FUNDS

## TRANSPORTATION FUNDING

- FEDERAL / STATE FUNDING NO LONGER KEEPS UP WITH NEEDS
- FUNDING MECHANISMS FOR INFRASTRUCTURE (ESPECIALLY TRANSPORTATION) ARE LIMITED IN TEXAS

• 'GROWTH SHOULD PAY FOR GROWTH' IS LOGICAL & REASONABLE

Item 3.

## ROADWAY IMPACT FEE PIECES

- 1. SERVICE AREAS
- 2. LAND USE ASSUMPTION MAP
- 3. SERVICE UNITS
- 4. CAPITAL IMPROVEMENTS PLAN
- 5. MAXIMUM ROADWAY IMPACT FEE
- 6. CITY POLICY ON COLLECTION

TYPICALLY ASSESSED AT FINAL PLAT RECORDATION AND FEE IS PAID AT BUILDING PERMIT STAGE

## SERVICE AREA

WHAT IS A SERVICE AREA?

- A. ROADWAY SERVICE AREAS ARE DIFFERENT THAN WATER AND WASTEWATER SERVICE AREAS.
- B. ROADWAY SERVICE AREAS ARE REQUIRED TO HAVE A 6-MILE TRIP LENGTH LIMIT.
- C. COLLECTED FUNDS IN EACH SERVICE AREA CAN ONLY BE USED WITHIN THE SERVICE AREA IT WAS COLLECTED FOR.
- D. ROADWAY SERVICE AREAS CAN ONLY BE LOCATED WITHIN CITY LIMITS.
- E. THERE ARE 3 PROPOSED SERVICE AREAS FOR MANOR.

## LAND USE ASSUMPTION MAP

- WILL USE SAME LAND USE ASSUMPTION MAP AS WATER AND WASTEWATER IMPACT FEES, BUT WILL ONLY INCLUDE AREAS LOCATED WITHIN CITY LIMITS.
- THE LAND USE ASSUMPTION MAP IS BASED ON THE COMPREHENSIVE PLAN

# SERVICE UNITS

- WHAT IS A SERVICE UNIT?
  - A SERVICE UNIT IS A MEASURE OF USE OF CITY FACILITIES BY NEW DEVELOPMENT. IT IS THE UNIT OF MEASURE USED IN THE ROADWAY IMPACT FEE STUDY TO QUANTIFY THE SUPPLY AND DEMAND FOR ROADS IN THE CITY.
  - FOR ROADWAY PURPOSES, THE SERVICE UNIT IS DEFINED AS A VEHICLE MILE.
  - THE DEFINITION FOR VEHICLE MILE IS AS FOLLOWS: A VEHICLE MILE IS THE CAPACITY CONSUMED IN A SINGLE LANE IN THE PM PEAK HOUR BY A VEHICLE MAKING A TRIP ONE MILE IN LENGTH. THE PM PEAK IS USED AS THE BASIS FOR ROADWAY PLANNING AND THE ESTIMATION OF TRIPS CAUSED BY NEW DEVELOPMENT.

# VEHICLE MILES

- WHAT IS A VEHICLE MILE
  - A VEHICLE MILE IS THE CAPACITY CONSUMED IN A SINGLE LANE IN THE PM PEAK HOUR BY A VEHICLE MAKING A TRIP ONE MILE IN LENGTH
  - THE LAND USE/VEHICLE MILE EQUIVALENCY TABLE (LUVMET) IS USED

Item 3.

	LAND USE/VEHICLE MILE EQUIVALENCY TABLE (LUVMET)									
Land Use Category PORT AND TE		Developme nt Unit	Trip Gen Rate (PM)	Trip Rate	Trip Length (mi)	Adj. for O-D	Adj. Trip Lengt h (mi)	Max Trip Length (mi)(Max 6.00)	Veh-Mile Per Dev- Unit	
Truck Terminal	030	1,000 SF GFA	1.87	1.87	10.70	50%	5.35	5.35	10.0	
INDUSTRIAL										
Light Industrial	110	1,000 SF GFA	0.63	0.63	12.89	50%	6.45	6.00	3.8	
Manufactur ing	140	1,000 SF GFA	0.67	0.67	12.89	50%	6.45	6.00	4.0	
Warehouse	150	1,000 SF GFA	0.19	0.19	12.89	50%	6.45	6.00	1.1	
RESIDENTIAL										
Single- Family Detached Housing	210	Dwelling Unit	0.99	0.99	8.59	50%	4.30	4.30	4.3	
Multifamily Housing (Low- Rise)	220	Dwelling Unit	0.56	0.56	8.59	50%	4.30	4.30	2.4	
Multifamily Housing (Mid- Rise)	221	Dwelling Unit	0.44	0.44	8.59	50%	4.30	4.30	1.9	
Mobile Home Park / Manufactur ed Home	240	Dwelling Unit	0.46	0.46	8.59	50%	4.30	4.30	2.0	
Senior Adult Housing- Attached	252	Dwelling Unit	0.26	0.26	8.59	50%	4.30	4.30	1.1	
Assisted Living	254	Beds	0.26	0.26	8.59	50%	4.30	4.30	1.1	

LODGING											
Hotel	310	Room	0.60	0.60	5.41	50%	2.71	2.71	1.6		
ECREATIONAL											
Recreational Community Center	495	1,000 SF GFA	2.31	2.31	6.35	50%	3.18	3.18	7.4		
Miniature Golf Course	431	Hole	0.33	0.33	6.35	50%	3.18	3.18	1.1		
Multiplex Movie Theater	445	Screens	13.73	13.7 3	6.35	50%	3.18	3.18	43.6 6		
INSTITUTIONAL		1 000 05 05 4									
Religious Place of Worship	560	1,000 SF GFA	0.49	0.49	6.30	50%	3.15	3.15	1.5		
Day Care Center	565	1,000 SF GFA	11.12	6.23	3.39	50%	1.70	1.70	10.5		
Elementary and Middle School (K-8)	520/2	Students	0.17	0.17	3.39	50%	1.70	1.70	0.3		
High School	530	Students	0.14	0.14	3.39	50%	1.70	1.70	0.2		
MEDICAL											
Clinic	630	1,000 SF GFA	3.28	3.28	6.76	50%	3.38	3.38	11.0		
Hospital	610	1,000 SF GFA	0.97	0.97	6.76	50%	3.38	3.38	3.3		
Nursing Home	620	Beds	0.22	0.22	6.76	50%	3.38	3.38	0.7		
Animal Hospital/Vet erin ary Clinic	640	1,000 SF GFA	3.53	2.47	6.76	50%	3.38	3.38	8.4		
OFFICE											
General Office Building	710	1,000 SF GFA	1.15	1.15	6.76	50%	3.38	3.38	3.9		
Medical- Dental Office Building	720	1,000 SF GFA	3.46	3.46	6.76	50%	3.38	3.38	11.6		
Single Tenant Office Building	715	1,000 SF GFA	1.71	1.71	6.76	50%	3.38	3.38	5.8		
Office Park	750	1,000 SF GFA	1.07	1.07	6.76	50%	3.38	3.38	3.6		

COMMERCIAL - Automobile Related										
Automobile Care Center	942	1,000 SF GFA	3.11	1.87	5.41	50%	2.71	2.71	5.1	
Automobile Parts Sales	843	1,000 SF GFA	4.91	2.80	5.41	50%	2.71	2.71	7.6	
Gasoline/Ser vic e Station	944	Vehicle Fueling Position	14.03	8.14	1.20	50%	0.60	0.60	4.9	
Gasoline/Ser vic e Station w/ Conv Market and Car Wash	945	Vehicle Fueling Position	13.99	6.16	1.20	50%	0.60	0.60	3.7	
Quick Lubrication Vehicle Shop	941	Servicing Positions	4.85	2.91	5.41	50%	2.71	2.71	7.9	
Self-Service Car Wash	947	Stall	5.54	3.32	1.20	50%	0.60	0.60	2.0	
Tire Store	848	1,000 SF GFA	3.98	2.87	5.41	50%	2.71	2.71	7.8	
COMMERCIAL	- Dining	9								
Fast Food Restaurant with Drive- Thru Window	934	1,000 SF GFA	32.67	16.3 4	3.39	50%	1.70	1.70	27.7	
Fast Food Restaurant without Drive- Thru Window	933	1,000 SF GFA	28.34	14.1 7	3.39	50%	1.70	1.70	24.0	
High Turnover (Sit-Down) Restaurant	932	1,000 SF GFA	9.77	5.57	5.41	50%	2.71	2.71	15.0	
Quality Restaurant	931	1,000 SF GFA	7.80	4.37	5.41	50%	2.71	2.71	11.8	
Coffee/Donu t Shop with Drive-Thru Window	937	1,000 SF GFA	43.38	13.0 1	1.20	50%	0.60	0.60	7.8	

COMMERCIA	COMMERCIAL - Other Retail									
Nursery (Garden Center)	817	1,000 SF GFA	6.94	4.86	6.35	50%	3.18	3.18	15.4	
Home Improvemen † Superstore	862	1,000 SF GFA	2.33	1.21	6.35	50%	3.18	3.18	3.9	
Pharmacy/D rugs tore w/o Drive-	880	1,000 SF GFA	8.51	4.00	6.35	50%	3.18	3.18	12.7	
Pharmacy/D rugs tore w/ Drive- Thru Window	881	1,000 SF GFA	10.29	5.25	6.35	50%	3.18	3.18	16.7	
Shopping Center	820	1,000 SF GLA	3.81	2.51	6.35	50%	3.18	3.18	8.0	
Supermarket	850	1,000 SF GFA	9.24	5.91	6.35	50%	3.18	3.18	18.7	
Toy/Children 's Superstore	864	1,000 SF GFA	5.00	3.50	6.35	50%	3.18	3.18	11.1	
Department Store	875	1,000 SF GFA	1.95	1.37	6.35	50%	3.18	3.18	4.4	
SERVICES										
Walk-In Bank	911	1,000 SF GFA	12.13	7.28	3.39	50%	1.70	1.70	12.3	
Drive-In Bank	912	Drive-in Lanes	27.15	17.6 5	3.39	50%	1.70	1.70	30.0	
Hair Salon	918	1,000 SF GLA	1.45	1.02	3.39	50%	1.70	1.70	1.7	

## CALCULATION OF ROADWAY IMPACT FEES

• The calculation of roadway impact fees for new development involves a two-step process. Step one is the calculation of the total number of service units that will be generated by the development. Step two is the calculation of the impact fee due by the new development.

Step 1:	Determine number of service equivalency table.	units (vehicle-miles)	generate	d by the development using the
	No. of Development Units	x Vehicle-mil per developn		Development's Vehicle-miles
Step 2:	Calculate the impact fee based or is located.	n the fee per service ur	hit for the s	service area where the development
	Development's x Vehicle-miles	Fee per vehicle-mile	=	Impact Fee due from Development

# CALCULATION EXAMPLES

• ASSUME THAT THE IMPACT FEE AMOUNT IS \$1000 FOR A SERVICE AREA

### Single-Family Dwelling:

1 dwelling unit x 2.13 vehicle-miles/dwelling unit = 2.13 vehicle-miles 2.13 vehicle-miles x \$1000.00 /vehicle-mile = \$2130.00

### 20,000 square foot (s.f.) Office Building:

20 (1,000 s.f. units) x 3.46 vehicle-miles/1,000 s.f. units = 69.20 vehicle-miles 69.20 vehicle-miles x \$1000.00 /vehicle-mile = \$60,200.00

# CALCULATION EXAMPLES

### 50,000 s.f. Retail Center:

50 (1,000 s.f. units) x 1.96 vehicle-miles/1,000 s.f. units = 98.00 vehicle-miles 98.00 vehicle-miles x \$1000.00 /vehicle-mile = \$980,000.00

### 100,000 s.f. Industrial Development:

100 (1,000 s.f. units) x 1.31 vehicle-miles/1,000 s.f. units = 131.00 vehicle-miles 131.00 vehicle-miles x \$1000.00 /vehicle-mile = \$131,000.00

## NEXT STEPS

 ONCE THE PROPOSED SERVICE AREAS ARE APPROVED, THE NEXT STEP WILL BE IDENTIFYING PROJECTS REQUIRED IN EACH SERVICE AREA AND THEN CALCULATING THE

Item 3.

		LAND USE/VE	HICLE M	ILE EQU	IVALENCY .	TABLE (LU	VMET)		
	ITE		Trip				Adj.	Max Trip	
	Land		Gen		Trip		Trip	Length	Veh-Mile
Land Use	Use	Development	Rate	Trip	Length	Adj. for	Length	(mi)(Max	Per Dev-
Category	Code	Unit	(PM)	Rate	(mi)	O-D	(mi)	6.00)	Unit
PORT AND TER			<b>X</b> 7		<b>X</b> 7		( )	,	
Truck Terminal	030	1,000 SF	1.87	1.87	10.70	50%	5.35	5.35	10.0
		GFA							
INDUSTRIAL									
Light	110	1,000 SF	0.63	0.63	12.89	50%	6.45	6.00	3.8
Industrial		GFA							
Manufacturing	140	1,000 SF GFA	0.67	0.67	12.89	50%	6.45	6.00	4.0
Warehouse	150	1,000 SF	0.19	0.19	12.89	50%	6.45	6.00	1.1
		GFA							
RESIDENTIAL	ı			T		T	T	F	
Single-Family		Dwelling Unit							
Detached Housing	210		0.99	0.99	8.59	50%	4.30	4.30	4.3
Housing									
Multifamily		Dwelling Unit							
Housing (Low-	220	8	0.56	0.56	8.59	50%	4.30	4.30	2.4
Rise)	-								
Multifamily		Dwelling Unit							
Housing (Mid-	221		0.44	0.44	8.59	50%	4.30	4.30	1.9
Rise)	221		0.77	0.77	0.57	5070	ч.50	4.50	1.7
Mobile Home Park /		Dwelling Unit							
Manufactured	240		0.46	0.46	8.59	50%	4.30	4.30	2.0
Home	240		0.40	0.40	0.39	5070	4.50	4.50	2.0
Senior Adult		Dwelling Unit							
Housing-		_							
Attached	252		0.26	0.26	8.59	50%	4.30	4.30	1.1
Assisted Living	254	Beds	0.26	0.26	8.59	50%	4.30	4.30	1.1
ribbibied Erving	231	Deas	0.20	0.20	0.09	5070	1.50	1.50	1.1
LODGING							I		
Hotel	310	Room	0.60	0.60	5.41	50%	2.71	2.71	1.6
RECREATION	AL					ı		ı	
Recreational		1,000 SF GFA							
Community	495		2.31	2.31	6.35	50%	3.18	3.18	7.4
Center									
Miniature Golf	431	Hole	0.33	0.33	6.35	50%	3.18	3.18	1.1
Course									

Multiplex Movie Theater	445	Screens	13.73	13.7 3	6.35	50%	3.18	3.18	43.6 6
INSTITUTION	AL								
Religious		1,000 SF GFA							
Place of		,							
	560		0.49	0.49	6.30	50%	3.15	3.15	1.5
Worship									
Davi Carra	5(5	1 000 SE	11.12	6.23	3.39	500/	1.70	1.70	10.5
Day Care Center	565	1,000 SF GFA	11.12	0.23	5.59	50%	1.70	1.70	10.5
		GFA							
Elementary and Middle School	520/2	0 - 1	0.17	0.17	2 20	500/	1 70	1.70	0.2
(K-8)	520/2	Students	0.17	0.17	3.39	50%	1.70	1.70	0.3
	530	Studente	0.14	0.14	3.39	50%	1.70	1.70	0.2
High School	530	Students	0.14	0.14	3.39	50%	1.70	1.70	0.2
MEDICAL									
Clinic	630	1,000 SF	3.28	3.28	6.76	50%	3.38	3.38	11.0
		GFA							
Hospital	610	1,000 SF	0.97	0.97	6.76	50%	3.38	3.38	3.3
		GFA							
Nursing Home	620	Beds	0.22	0.22	6.76	50%	3.38	3.38	0.7
Animal		1,000 SF GFA							
Hospital/Veteri	640		3.53	2.47	6.76	50%	3.38	3.38	8.4
n ary Clinic	010		5.55	2.17	0.70	5070	5.50	5.50	0.1
OFFICE									l
OFFICE	710	1.000 GE	1 1 5	1 1 5	(7)	500/	2 20	2.20	2.0
General Office	710	1,000 SF GFA	1.15	1.15	6.76	50%	3.38	3.38	3.9
Building	720		2.46	2.46	6.76	500/	2.20	2.20	11.6
Medical-Dental	720	1,000 SF	3.46	3.46	6.76	50%	3.38	3.38	11.6
Office Building		GFA	1 51	1.51		500/	2.20	2.20	<b>7</b> 0
Single Tenant	715	1,000 SF	1.71	1.71	6.76	50%	3.38	3.38	5.8
Office Building		GFA							
Office Park	750	1,000 SF	1.07	1.07	6.76	50%	3.38	3.38	3.6
		GFA							
COMMERCIA			0.11	1.05		<b>5</b> 00/			
Automobile	942	1,000 SF	3.11	1.87	5.41	50%	2.71	2.71	5.1
Care Center		GFA			- · ·		<b>a</b> = 1		
Automobile	843	1,000 SF	4.91	2.80	5.41	50%	2.71	2.71	7.6
Parts Sales		GFA							
Gasoline/Servic	0.4.4	Vehicle	14.02	014	1.00	500/	0.00	0.00	1.0
e Station	944	Fueling	14.03	8.14	1.20	50%	0.60	0.60	4.9
Gasoline/Servic		Position Vehicle				L			
e Station w/	0.45	Fueling	12.00	(1)	1 20	500/	0.60	0.00	27
Conv Market	945	Position	13.99	6.16	1.20	50%	0.60	0.60	3.7
and Car Wash						L			
Quick	0.4.1	Servicing	1.95	2.01	5 4 1	500/	2 71	2 71	7.0
Lubrication	941	Positions	4.85	2.91	5.41	50%	2.71	2.71	7.9
Vehicle Shon Self-Service	947	Stall	5.54	3.32	1.20	50%	0.60	0.60	2.0
Car	747	Smil	J.J.T	5.52	1.20	5070	0.00	0.00	2.0
Tire Store	848	1,000 SF	3.98	2.87	5.41	50%	2.71	2.71	7.8
110 50010	510	GFA	2.70	2.07	5.11	5070	<i></i> , 1	2.71	7.0

COMMERCIA	L - Dinir	ng							
Fast Food		1,000 SF GFA		16.3					27.7
Restaurant with	934		32.67	4	3.39	50%	1.70	1.70	
Drive-Thru	221		52.07		5.57	5070	1.70	1.70	
Window		1 000 05 05 1							• • •
Fast Food		1,000 SF GFA		14.1					24.0
Restaurant	933		28.34	7	3.39	50%	1.70	1.70	
without Drive-									
Thru Window High Turnover		1,000 SF GFA							15.0
(Sit-Down)	932	1,000 51 01 A	9.77	5.57	5.41	50%	2.71	2.71	15.0
(SII-DOWII) Restaurant	<i>,</i> ,,,		2.11	5.57	5.11	20/0	2.71	2.71	
Quality	931	1,000 SF	7.80	4.37	5.41	50%	2.71	2.71	11.8
Restaurant		GFA			-			-	_
Coffee/Donut		1,000 SF GFA		13.0					
Shop with		1,000 51 01 A		13.0					
Drive-Thru	937		43.38	1	1.20	50%	0.60	0.60	7.8
Window									
COMMERCIA	L - Othe	r Retail							
Nursery	817	1,000 SF	6.94	4.86	6.35	50%	3.18	3.18	15.4
(Garden		GFA							
Home		1,000 SF GFA							
Improvement	862	1,000 51 6174	2.33	1.21	6.35	50%	3.18	3.18	3.9
Superstore						••••			
Pharmacy/Drug	880	1,000 SF GFA	8.51	4.00	6.35	50%	3.18	3.18	12.7
s tore w/o Drive-		,							
Pharmacy/Drug		1,000 SF GFA							16.7
s tore w/ Drive-		1,000 51 0111							10.7
Thru Window	881		10.29	5.25	6.35	50%	3.18	3.18	
Thru whileow				••		••••			
Shopping	820	1,000 SF	3.81	2.51	6.35	50%	3.18	3.18	8.0
Center		GLA							
Supermarket	850	1,000 SF	9.24	5.91	6.35	50%	3.18	3.18	18.7
Supermarket	0.50	GFA	7.24	5.71	0.55	5070	5.10	5.10	10.7
T /01/11 /	064		5.00	2.50	6.25	500/	2 10	2.10	111
Toy/Children's	864	1,000 SF	5.00	3.50	6.35	50%	3.18	3.18	11.1
Superstore		GFA							
Department	875	1,000 SF	1.95	1.37	6.35	50%	3.18	3.18	4.4
Store		GFA							
SERVICES									
Walk-In Bank	911	1,000 SF	12.13	7.28	3.39	50%	1.70	1.70	12.3
		GFA							
Drive-In Bank	912	Drive-in	27.15	17.6	3.39	50%	1.70	1.70	30.0
Entre in Bunk	12	Lanes	27.13	5	5.57	2070	1.70	1.70	20.0
II-i-C-1	019		1 45		2 20	500/	1.70	1 70	1.7
Hair Salon	918	1,000 SF	1.45	1.02	3.39	50%	1.70	1.70	1.7
		GLA							

~

AGENDA ITEM NO.

Item 4.

4



### AGENDA ITEM SUMMARY FORM

PROPOSED MEETING DATE:April 12, 2023PREPARED BY:Scott Dunlop, DirectorDEPARTMENT:Development Services

### AGENDA ITEM DESCRIPTION:

Consideration, discussion, and possible action on calculating Water and Wastewater Impact Fee.

### BACKGROUND/SUMMARY:

After setting the Land Use Assumptions Map and the Water and Wastewater Capital Improvement Projects, the next step is establishing water and wastewater impact fees based on those Capital Improvement Projects.

LEGAL REVIEW:	Not Applicable
FISCAL IMPACT:	NO
PRESENTATION:	NO
ATTACHMENTS:	YES

• Draft Engineer Report

### **STAFF RECOMMENDATION:**

It is the City Staff's recommendation that the Community Impact Fee Advisory Committee discuss calculating water and wastewater impact fee.

PLANNING & ZONING COMMISSION:	<b>Recommend Approval</b>	Disapproval	None
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## DRAFT ENGINEERING REPORT CITY OF MANOR 2022 COMMUNITY IMPACT FEE UPDATE





#### **CITY OF MANOR**

### **2021 COMMUNITY IMPACT FEE UPDATE**

#### EXHIBITS

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- 13. EXHIBIT B-8: WATER AND WASTEWATER IMPACT FEE FACTORS
- 14. WATER AND WASTEWATER IMPACT FEE COMPARISON CHART



Texas Local Government Code Section 213.005: A comprehensive plan shall not constitute zoning regulations or establish zoning district boundaries.



Land Use Category
C - Commercial (Corridor)
CMU - Community Mixed Use
DMU - Downtown Mixed Use
E - Employment
MDNB - Mixed Density Neighborhood
MF - Multi-Family
NB - Neighbordhood
NMU - Neighborhood Mixed Use
OS - Parks/Open Space
P/SP - Public/Semi-Public
SF-4 - High Density Single Family







2	1.5	1		0.5	0.25
		Viles	Ν		
_	8,000	6,000	4,000	2,000	1,000 2
(A)			Feet		



**EXHIBIT A-1** 

### EXHIBIT A-2 CITY OF MANOR WATER IMPROVEMENTS 10-YEAR CAPITAL IMPROVEMENTS PLAN FEBRUARY 2023

### The following projects have been identified as required to serve new growth within the service area, in accordance with approved land use assumptions and as part of the 10-year Capital Improvements Plan

Project No.	Year	Description	Size	Unit	Length (ft)		ruction Cost 23 Dollars)	Annual Interest	Period (yr)	(adjusted for Inflation @ 5% per annum)	Soft Costs	Contingency (10% + 1% per annum)	Financing Cost (5% over 20 Years)	Total Project Costs	Detailed Description
															Transmission main from downtow
		Dieles Manag David Water													along Blake Manor Road to future
W-6	2026	Blake Manor Road Water Line	12	inch	3,200	\$	400,000.00	0.050	20	\$ 580,000.00 \$	87,000.00	\$ 120,100.00	\$ 476,078.81	\$ 1.263.000.00	FM 973. Includes replacing 400 L of 6" pipe in Downtown Plant
															Water Distribution main along Hill
W-10	2022	Hill Lane Water Line	12	inch	3,450	\$	462,893.00	0.050	20	\$ 578,616.25 \$	86,800.00	\$ 93,200.00	\$ 458,850.36	\$ 1,217,000.00	Lane to serve new growth
W-13	2025	US 290 Crossing at Golf Course	12	inch	250	\$	200,000.00	0.050	20	\$ 280,000.00 \$	42,000.00	\$ 54,700.00	\$ 227,847.65	\$ 605,000.00	Connect 12" water lines on north and south sides of US 290
															250,000 gal Ground Storage Tanl
		Gregg Manor Road Water Supply - Ground Storage													and 1,400 gpm expandable pump station for wholesale water supply
W-14	2023	Tank and Pumps	250,000	gallon		\$ 2	2,500,000.00	0.050	20	\$ 3,250,000.00 \$	487,500.00	\$ 560,600.00	\$ 2,599,713.28	\$ 6,898,000.00	connection
															Transmission main from US 290 t serve new growth on the east and
W-15	2022	FM 973 Water Line	12	inch	4000	\$	336,000.00	0.050	20	\$ 420,000.00 \$	63,000.00	\$ 67,600.00	\$ 333,031.37	\$ 884,000.00	west sides of FM 973
W-16	2023	US 290 Water Line	12	inch	2900	\$	500,000.00	0.050	20	\$ 650,000.00 \$	97,500.00	\$ 112,100.00	\$ 519,930.56	1 380 000 00	Parallel 12" waterline to increase US 290 capacity
	2020	00 200 1100 200		mon	2000	Ŷ	000,000.00	0.000	20	¢ 000,000.00 ¢	01,000.00	• 112,100.00	• • • • • • • • • • • •	1,000,000.00	Extend transmission main from
W-17	2021	US 290 Water Line	16	inch	4400	\$	677,626.12	0.050	20	\$ 813,151.34 \$	122,000.00	\$ 121,600.00	\$ 639,177.89	\$ 1,696,000.00	Presidential Glen to Old Kimbro Road
W-18	2021	Old Kimbro Road Water Line	12	inch	3000	\$	474,000.00	0.050	20	\$ 568,800.00 \$	85,300.00				Transmission main to serve new growth north of US 290
	0005	Dela Diana Lana Matana Lina	10	1 I.	0700	•	500.000.00	0.050		* 700,000,00	405 000 00	A 100.000.00	¢ 500 700 00	1 540 000 00	Transmission main to improve
W-20	2025	Bois D'Arc Lane Water Line	16	inch	2700	\$	500,000.00	0.050	20	\$ 700,000.00 \$	105,000.00	\$ 136,900.00	\$ 569,709.86	\$ 1,512,000.00	delivery of water from East EST Transmission main to serve new
W-22	2025	Bois D'Arc Lane Water Line	12	inch	2500	\$	400,000.00	0.050	20	\$ 560,000.00 \$	84,000.00	\$ 109,500.00	\$ 455,755.79	\$ 1,209,000.00	growth north of Tower Rd
W-24	2025	Gregg Manor Road Pump Improvements	1200	gpm		s	400,000.00	0.050	20	\$ 560,000.00 \$	84,000.00	\$ 109,500.00	\$ 455,755.79		Increase Pump Capacity (and contracted supply) at wholesale water connection
11-24	2020	Improvementa	1200	gpin		Ŷ	400,000.00	0.000	20	φ 000,000.00 φ	04,000.00	φ 100,000.00	φ 400,700.70	1,200,000.00	Transmission main along FM 973
															from Tower Road to boundary of
W-31	2022	FM 973 Water Line	16	inch	5200	\$	582,400.00	0.050	20	\$ 728,000.00 \$	109,200.00	\$ 117,200.00	\$ 577,270.50	\$ 1,532,000.00	school site Transmission main along FM 973
															to connect waterlines along FM
W-32	2023	FM 973 Water Line	16	inch	3200	\$	358,400.00	0.050	20	\$ 465,920.00 \$	69,900.00	\$ 80,400.00	\$ 372,721.74	\$ 989,000.00	973.
		Gregg Lane Water Supply -													250,000 gal Ground Storage Tanl
	2025	Ground Storage Tank and	050.000				500 000 00	0.050	20		505 000 00			7 550 000 00	and 1,400 gpm expandable pump
W-33	2025	Pumps	250,000	gallon		\$ 2	2,500,000.00	0.050	20	\$ 3,500,000.00 \$	525,000.00	\$ 684,300.00	\$ 2,848,428.32	♦ 7,558,000.00	) for future growth. Transmission main from Manville
		Gregg Lane to Tower Road													WSC Booster Station to East
Vater CIP-1	2021	Waterline	12	inch	3400	\$	1,595,346.40	0.050	20	\$ 1,914,415.68 \$	287,200.00	\$ 286,200.00	\$ 1,504,759.65	\$ 3,993,000.00	Elevated Storage Tank
															1350 Meter bodies and AMR
															registers, 810 replacement meter box lids, software, two vehicle
Water CIP-2	2017	AMR Water Meters				\$	300,000.00	0.05	20	\$ 300,000.00 \$	45,000.00	\$ 31,100.00	\$ 227,484.74	\$ 604,000.00	) transmitter units, two laptops.
															1350 Meter bodies and AMR registers, 810 replacement meter
	0010					•	400.000.00			• • • • • • • •		• · · · • • • • •	• • • • • • • • • • • • •		box lids, software, two vehicle
Water CIP-3	2018	AMR Water Meters				\$	400,000.00	0.05	20	\$ 420,000.00 \$	63,000.00		\$ 321,357.73 Total		transmitter units, two laptops.
les:													Total	\$ 54,588,000.00	
ter LUEs are define	ed as requiring	450 gallons of water per day per si	ngle family res	idence as o	determined in t	the the C	ity of Manor W	ater Master Plan.							GBA



**EXHIBIT A-3** 

#### EXHIBIT A-4 CITY OF MANOR WASTEWATER IMPROVEMENTS 10-YEAR CAPITAL IMPROVEMENTS PLAN FEBRUARY 2023

### The following projects have been identified as required to serve new growth within the service area, in accordance with approved land use assumptions and as part of the 10-year Capital Improvements Plan

 Project No.	Year	Description	Construction Cost (2022 Dollars)	Interest P	Period (months)	Payment	Tota	al Payment	Size	(a	Construction Cost djusted for Inflation @ 5% per annum)		Contingency (10% + 1% per annum)	Financing Cost (5.1% over 20 Years)	Total Project Costs	Detailed Description
 S-13	2020	Addl. Wilbarger WWTP Capacity	\$ 16,825,000.00	0.00425	240	\$ 145,667	7.98 \$ 3	34,960,314.38	1.33 MGD	\$	19,348,750.00 \$	2,140,000.00	\$ 400,000.00	\$ 13,071,564.38	\$ 34,960,000.00 New T	reatment Plant Capacity to Serve Addl Growth
 S-15	2022	Cottonwood WWTP, Phase 1, 0.20 MGD	\$5,227,569.50	0.00425	240	\$ 52,593	3.61 \$ ·	12,622,467.33	0.20 MGD	\$	6,534,461.88 \$	398,000.00	\$ 970,500.00	\$ 4,719,505.45		plant at Regional Site, road and electrical improvements
 S-16	2024	East Cottonwood Gravity Line	\$ 1,500,000.00	0.00425	240	\$ 14,274	l.81 \$	3,425,955.08	12"	3,200 \$	3 2,025,000.00 \$	51,000.00	\$ 69,000.00	\$ 1,280,955.08		East Cottonwood gravity ww to Regional Site, sized for ar capacity
 S-17	2024	West Cottonwood LS and FM	\$ 949,000.00	0.00425	240	\$ 9,377	7.79 \$	6 2,250,668.81	" FM and 350 gpm LS	) 3,700 \$	5 1,281,150.00 \$	79,000.00	\$ 49,000.00	\$ 841,518.81		27" and 30" gravity ww from confluence with East wood to US 290, ultimate capacity
 S-18	2024	West Cottonwood Gravity Line, Phase 2	\$ 984,000.00	0.00425	240	\$ 9,572	2.44 \$	2,297,386.38	15"	8,200 \$	5 1,328,400.00 \$	64,000.00	\$ 46,000.00	\$ 858,986.38		s West Cottonwood Sub-Basin up to Bois D'Arc Ln, 21" gravity ww sized for ultimate capacity
 S-19	2022	FM 973 Gravity Wastewater Line	\$ 684,400.00	0.00425	240	\$ 6,139	9.30 \$	1,473,432.00	15"	5,800 \$	855,500.00 \$	128,300.00	\$ 106,100.00	\$ 383,532.00	\$ 1,473,000.00 Gregg	
S-23	2024	Willow Lift Station and Force Main	\$ 1,000,000.00	0.00425	240	\$ 11,984	l.85 \$	2,876,364.81	200 gpm	\$	i 1,350,000.00  \$	202,500.00	\$ 248,400.00	\$ 1,075,464.81	along	ation and Force Main to serve 220 LUEs in Willow Basin US 290. 10-Yr ADF approx. 60,000 gpd, PWWF approx om
 S-28	2018	High School gravity line to Stonewater Lift Station; Stonewater Lift Station Upgrades	\$ 26,271.96	0.00425	240	\$ 210	).84 \$	50,601.98	12"	3,100 \$	27,585.56 \$	4,096.48	\$-	\$ 18,919.94		/ main to serve new high school; upgrades to existing water Lift Station.
 S-30	2024	Expand Cottonwood WWTP to 0.40 MGD Capacity	\$ 3,500,000.00	0.00425	240	\$ 41,947	7.32 \$	10,067,356.68	0.40 MGD	\$	\$ 4,725,000.00 \$	708,800.00	\$ 869,400.00	\$ 3,764,156.68	\$ 10,067,000.00 New T	reatment Plant Capacity to Serve Addl Growth
 S-31	2025	Expand Cottonwood WWTP to 0.60 MGD Capacity	\$ 3,500,000.00	0.00425	240	\$ 43,875	5.92 \$ <sup>-</sup>	10,530,219.99	0.50 MGD	\$	\$ 4,900,000.00 \$	735,000.00	\$ 958,000.00	\$ 3,937,219.99	\$ 10,530,000.00 New T	reatment Plant Capacity to Serve Addl Growth
S-32	2021	Bastrop-Parsons WW Improvements	\$ 423,292.00	0.00425	240	\$ 4 392	2.59 \$	1,054,220.52	12"	¢	507,950.40 \$	76,200.00	\$ 75,900.00	\$ 394,170.12	Parso	ement of existing wastewater line in Bastrop and to correct current capacity issues and serve additional
 S-33	2021	Wilbarger Basin Gravity Line to Lift Station (off Gregg Lane)	\$ 1,000,000.00	0.00425	240		·	2,746,034.77	15"	6,200 \$				\$ 1,026,734.77		rastewater line to serve growth along Gregg Lane.
 	2020	Wilbarger Basin lift station and force main	¥ 1,000,000.00	0.00120	210	¥,		2,1 10,00 111	12" FM and	0,200 Q	· · · · · · · · · · · · · · · · · · ·	100,000100	<u> </u>	<u> </u>		t station and force main to servie growth along Gregg
 S-34	2023	(off Gregg Lane)	\$ 1,300,000.00	0.00425	240	\$ 14,873	3.76 \$	3,569,701.45	225 gpm LS	3,500 \$	1,690,000.00 \$	253,500.00	\$ 291,500.00	\$ 1,334,701.45	\$ 3,570,000.00 Lane.	
 S-35	2023	Gravity line from City Limits to tie in to Wastewater line to Cottonwood	\$ 1,100,000.00	0.00425	240	\$ 12,585	5.79 \$	3,020,590.33	12"	8,130 \$	\$	214,500.00	\$ 246,700.00	\$ 1,129,390.33		1 -New gravity wastewater line to extend wastewater e to City Limits for future growth.
 S-36	2024	Lift Station and Force main to Cottonwood WWTP	\$ 2,000,000.00	0.00425	240	\$ 23,969	9.71 \$	5,752,729.61	10" FM 1,575 LUEs	\$	\$ 2,700,000.00 \$	405,000.00	\$ 496,800.00	\$ 2,150,929.61		ft station and force main to serve areas south of US Hwy ong Old Kimbro Road.
 S-37	2025	Expand Cottonwood WWTP to 0.80 MGD Capacity	\$ 3,500,000.00	0.00425	240	\$ 43,875	5.92 \$ ·	10,530,219.99	0.20 MGD	\$	4,900,000.00 \$	735,000.00	\$ 958,000.00	\$ 3,937,219.99	\$ 10,530,000.00 New T	reatment Plant Capacity to Serve Addl Growth
 S-38	2025	Travis County Regional WWTP - with Elgin Phase 1 - 1.1 MGD and 39" trunk main	- \$39,000,000.00	0.00425	240	\$ 428,229	9.08 \$ 10	02,774,979.01	0.20 MGD	\$	54,600,000.00 \$	398,000.00	\$ 9,349,700.00	\$ 38,427,279.01	Build p \$ 102,775,000.00 add \$	blant at Regional Site, road and electrical improvements 500,000
 CIP-1	2021	Wildhorse Creek Lift Station Expansion	\$ 867,081.50	0.00425	240	\$ 8,595	5.49 \$	2,062,916.57	1,075 gpm, 2nd WW	\$	5 1,040,497.80 \$	156,100.00	\$ 95,000.00	\$ 75,900.00	to 102 expan	e in discharge point increased Phase 1 capacity from 440 6 LUEs, currently at about 706 LUEs. Will need to d LS when Lagos develops to ultimate 1586 LUE ty.
 CIP-2	2023	Bell Farms Lift Station Expansion	\$ 866,000.00	0.00425	240	\$ 2,984	I.94 \$	716,385.60	1,400 gpm, 2nd WW	\$	5 1,125,800.00 \$	45,000.00	\$ 30,000.00	\$ (484,414.40)		ntly at approximately 730 LUES. Current phase 1 ty is 1264 LUES. Ultimate Capcity at phase 2 is 2172.
CIP-3	2023	Presidential Glen Lift Station Expansion	\$ 866,000.00	0.00425	240	\$ 2,984	1.94 \$	716,385.60	2,275 gpm, 2nd WW	\$	5 1,125,800.00 \$	45,000.00	\$ 30,000.00	\$ (484,414.40)	capac	ntly at approximately 1281 LUES. Actual phase 1 ty with current wastewater flows is in excess of 1500 Ultimate Capcity at phase 2 is 3517.
 CIP-4	2024	US 290 WW Line Expansion	\$ 603,378.00	0.00425	240			1,735,594.12		1,566 & 2,760 \$		·	\$ 149,900.00	· ( - / - /	Prese	ntly at approximately 264 PG+308 SW = 572 LUEs out of UE capacity.
 CIP-6	2020	Travis County Rural Center Lift Station, force main	\$ 1,176,592.00	0.00425	240	\$ 10,515	5.32 \$	2,523,676.39	500 gpm	500 \$	\$      1,353,080.80_\$	127,000.00	\$ 100,000.00	\$ 943,595.59		ation and Force Main from Rural Center to existing water line

### EXHIBIT B-1 CITY OF MANOR PLANNING AND DESIGN CRITERIA FEBRUARY 2023

### Water Infrastructure

Criteron	Value	Unit
People per LUE	3.2	
Average Day Water Demand	232	gpd/LUE
Maximum Day Water Demand	464	gpd/LUE
Peak Hour Water Demand	1.5	gpm/LUE
Total Water Storage	200	gal/LUE
Minimum Water Elevated Storage	100	gal/LUE
Minimum Water Pump Capacity	0.6	gpm/LUE
Minimum Water System Pressure (Normal Conditions)	35	psi
Minimum Water System Pressure (Fire Flow Conditions)	20	psi
Maximum Water Line Velocity (Peak Hour/Fire Flow Conditions)	5	fps

### Wastewater Infrastructure

Criteron	Value	Unit
People per LUE	3.2	
Average Wastewater Flow	200	gpd/LUE
Peak Wastewater Flow	800	gpd/LUE
Minimum Wastewater Line Velocity	2	fps
Maximum Wastewater Line Velocity	8	fps

Notes:

Water demands and wastewater flows from the City of Manor Adopted Water and Wastewater Master Plans.

System capacities and other design criteria from 30 TAC Chapters 217 and 290.

#### EXHIBIT B-2 CITY OF MANOR WATER IMPROVEMENTS 10-YEAR CAPITAL IMPROVEMENTS PLAN PRO RATA CALCULATIONS MARCH 2023

						Total Project		Pr	o Rata Project
				Total LUE	10-Year LUE	Cost in 2023			Cost in 2023
Project No.	Year	Description	Size	Capacity	Demand	Dollars	Pro Rata Share		Dollars
W-6	2026	Blake Manor Road Water Line	12"	1667	763	\$ 1,263,000.00	46%	\$	578,085.78
W-13	2025	US 290 Crossing at Golf Course	12"	1667	1667	\$ 605,000.00	100%	\$	605,000.00
		Gregg Manor Road Water Supply -							
W-14	2023	Ground Storage Tank and Pumps	250000	2500	2500	\$ 6,898,000.00	100%	\$	6,898,000.00
W-16	2023	US 290 Water Line	12"	1667	1667	\$ 1,380,000.00	100%	\$	1,380,000.00
W-20	2025	Bois D'Arc Lane Water Line	16"	2400	2400	\$ 1,512,000.00	100%	\$	1,512,000.00
W-22	2025	Bois D'Arc Lane Water Line	12"	1667	1100	\$ 1,209,000.00	66%	\$	797,780.44
		Gregg Manor Road Pump							
W-24	2025	Improvements	1200	2000	2000	\$ 1,209,000.00	100%	\$	1,209,000.00
W-31	2022	FM 973 Water Line	12"	2400	1800	\$ 1,532,000.00	75%	\$	1,149,000.00
								\$	14,128,866.23

#### Previously Completed Projects

	Total LUE						10-Year LUE		Pro	o Rata Project
Year	Capacity	Name	Description	F	Project Cost	LUEs Used	Demand	Pro Rata Share		Cost
2002	1667	Creekside Offsite Utilities	12"	\$	175,000.00	405	300	18%	\$	31,000.00
2005	1667	Greenbury Offsite Utilities	12"	\$	407,816.64	308	1200	72%	\$	294,000.00
		Water Supply Main From City of								
		Austin to West Elevated Storage								
2007	5,600	Tank and Downtown	16"	\$	1,057,675.36	1550	2650	47%	\$	501,000.00
2008	5,000	West Elevated Storage Tank	500,000	\$	2,138,083.58	1550	2650	53%	\$	1,133,000.00
2010	2,400	Presidential Glen Water Lines	16"	\$	465,054.06	8	1300	54%	\$	252,000.00
2009	5,000	East Manor Elevated Storage Tank	500,000	\$	1,880,381.34	1550	2650	53%	\$	997,000.00
2018	2,400	AMR Water Meters		\$	399,300.00	2400	2400	100%	\$	399,000.00
2022	1,667	FM 973 Waterline	12"	\$	452,005.00	500	1667	100%	\$	452,000.00
2021	1,667	Old Kimbro Waterline	12"	\$	474,000.00	1000	1667	100%	\$	474,000.00
2022	2,400	FM 973 Waterline	16"	\$	582,400.00	150	1500	63%	\$	364,000.00
2021	2,400	Gregg Lane to Tower Rd Waterline	12"	\$	1,209,000.00	2000	2400	100%	\$	1,209,000.00
2021	2,400	US 290 Waterline	16"	\$	1,696,000.00	1500	2400	100%	\$	1,696,000.00
2022	1667	Hill Lane Waterline	12"		\$462,893.00	600	600	36%	\$	167,000.00
	2002 2005 2007 2008 2010 2009 2018 2022 2021 2022 2021 2021	Year Capacity   2002 1667   2005 1667   2007 5,600   2008 5,000   2010 2,400   2009 5,000   2018 2,400   2022 1,667   2022 2,400   2021 2,400   2022 2,400   2021 2,400   2021 2,400   2021 2,400	YearCapacityName20021667Creekside Offsite Utilities20051667Greenbury Offsite Utilities20051667Greenbury Offsite UtilitiesWater Supply Main From City of Austin to West Elevated Storage20075,600Tank and Downtown20085,000West Elevated Storage Tank20102,400Presidential Glen Water Lines20295,000East Manor Elevated Storage Tank20182,400AMR Water Meters20221,667FM 973 Waterline20211,667Old Kimbro Waterline20222,400FM 973 Waterline20212,400Gregg Lane to Tower Rd Waterline20212,400US 290 Waterline	YearCapacityNameDescription20021667Creekside Offsite Utilities12"20051667Greenbury Offsite Utilities12"20051667Greenbury Offsite Utilities12"Water Supply Main From City of Austin to West Elevated Storage20075,600Tank and Downtown16"20085,000West Elevated Storage Tank500,00020102,400Presidential Glen Water Lines16"20095,000East Manor Elevated Storage Tank500,00020182,400AMR Water Meters202220211,667FM 973 Waterline12"20222,400FM 973 Waterline16"20212,400Gregg Lane to Tower Rd Waterline12"20212,400US 290 Waterline16"	Year Capacity Name Description F   2002 1667 Creekside Offsite Utilities 12" \$   2005 1667 Greenbury Offsite Utilities 12" \$   2005 1667 Greenbury Offsite Utilities 12" \$   Water Supply Main From City of Austin to West Elevated Storage   2007 5,600 Tank and Downtown 16" \$   2008 5,000 West Elevated Storage Tank 500,000 \$   2010 2,400 Presidential Glen Water Lines 16" \$   2020 5,000 East Manor Elevated Storage Tank 500,000 \$   2018 2,400 AMR Water Meters \$ \$   2021 1,667 Old Kimbro Waterline 12" \$   2022 2,400 FM 973 Waterline 16" \$   2021 2,400 Gregg Lane to Tower Rd Waterline 12" \$   2021 2,400 US 290 Waterline 16" \$	Year Capacity Name Description Project Cost   2002 1667 Creekside Offsite Utilities 12" \$ 175,000.00   2005 1667 Greenbury Offsite Utilities 12" \$ 407,816.64   Water Supply Main From City of   Austin to West Elevated Storage -   2007 5,600 Tank and Downtown 16" \$ 1,057,675.36   2008 5,000 West Elevated Storage Tank 500,000 \$ 2,138,083.58   2010 2,400 Presidential Glen Water Lines 16" \$ 465,054.06   2009 5,000 East Manor Elevated Storage Tank 500,000 \$ 1,880,381.34   2018 2,400 AMR Water Meters \$ 399,300.00 \$ 399,300.00   2022 1,667 FM 973 Waterline 12" \$ 474,000.00   2022 2,400 FM 973 Waterline 12" \$ 582,400.00   2021 2,400 FM 973 Waterline 16" \$ 582,400.00   2021 2,400 Gregg Lane to Tower Rd Waterline 12" \$ 1,209,000.00	Year Capacity Name Description Project Cost LUEs Used   2002 1667 Creekside Offsite Utilities 12" \$ 175,000.00 405   2005 1667 Greenbury Offsite Utilities 12" \$ 407,816.64 308   2005 1667 Greenbury Offsite Utilities 12" \$ 407,816.64 308   2007 5,600 Tank and Downtown 16" \$ 1,057,675.36 1550   2008 5,000 West Elevated Storage Tank 500,000 \$ 2,138,083.58 1550   2010 2,400 Presidential Glen Water Lines 16" \$ 465,054.06 8   2009 5,000 East Manor Elevated Storage Tank 500,000 \$ 1,880,381.34 1550   2018 2,400 AMR Water Meters \$ 399,300.00 2400   2021 1,667 Old Kimbro Waterline 12" \$ 474,000.00 1000   2022 2,400 FM 973 Waterline 16" \$ 582,400.00 150   2021 2,400 Gregg Lane to Tower Rd Waterline<	Year Capacity Name Description Project Cost LUEs Used Demand   2002 1667 Creekside Offsite Utilities 12" \$ 175,000.00 405 300   2005 1667 Greenbury Offsite Utilities 12" \$ 407,816.64 308 1200   2005 1667 Greenbury Offsite Utilities 12" \$ 407,816.64 308 1200   Water Supply Main From City of Austin to West Elevated Storage   2007 5,600 Tank and Downtown 16" \$ 1,057,675.36 1550 2650   2010 2,400 Presidential Glen Water Lines 16" \$ 465,054.06 8 1300   2009 5,000 East Manor Elevated Storage Tank 500,000 \$ 1,880,381.34 1550 2650   2018 2,400 AMR Water Meters \$ 399,300.00 2400 2400   2022 1,667 FM 973 Waterline 12" \$ 452,005.00 500 1667   2021 1,667 Old Kimbro Waterline 12" \$ 474,000.00	Year Capacity Name Description Project Cost LUEs Used Demand Pro Rata Share   2002 1667 Creekside Offsite Utilities 12" \$ 175,000.00 405 300 18%   2005 1667 Greenbury Offsite Utilities 12" \$ 407,816.64 308 1200 72%   Water Supply Main From City of Austin to West Elevated Storage   2007 5,600 Tank and Downtown 16" \$ 1,057,675.36 1550 2650 47%   2008 5,000 West Elevated Storage Tank 500,000 \$ 2,138,083.58 1550 2650 53%   2010 2,400 Presidential Glen Water Lines 16" \$ 465,054.06 8 1300 54%   2022 1,667 FM 973 Waterline 12" \$ 465,054.06 8 1300 53%   2018 2,400 AMR Water Meters \$ 399,300.00 2400 2400 100%   2022 1,667 FM 973 Waterline 12" \$ 474,000.00 1000 1667 <td>Year Capacity Name Description Project Cost LUEs Used Demand Pro Rata Share   2002 1667 Creekside Offsite Utilities 12" \$ 175,000.00 405 300 18% \$   2005 1667 Greenbury Offsite Utilities 12" \$ 407,816.64 308 1200 72% \$   Water Supply Main From City of Austin to West Elevated Storage   2007 5,600 Tank and Downtown 16" \$ 1,057,675.36 1550 2650 47% \$   2008 5,000 West Elevated Storage Tank 500,000 \$ 2,138,083.58 1550 2650 53% \$   2010 2,400 Presidential Glen Water Lines 16" \$ 465,054.06 8 1300 54% \$   2018 2,400 AMR Water Meters \$ 399,300.00 2400 2400 100% \$   2021 1,667 FM 973 Waterline 12" \$ 452,005.00 500 1667 100% \$   2021 2,</td>	Year Capacity Name Description Project Cost LUEs Used Demand Pro Rata Share   2002 1667 Creekside Offsite Utilities 12" \$ 175,000.00 405 300 18% \$   2005 1667 Greenbury Offsite Utilities 12" \$ 407,816.64 308 1200 72% \$   Water Supply Main From City of Austin to West Elevated Storage   2007 5,600 Tank and Downtown 16" \$ 1,057,675.36 1550 2650 47% \$   2008 5,000 West Elevated Storage Tank 500,000 \$ 2,138,083.58 1550 2650 53% \$   2010 2,400 Presidential Glen Water Lines 16" \$ 465,054.06 8 1300 54% \$   2018 2,400 AMR Water Meters \$ 399,300.00 2400 2400 100% \$   2021 1,667 FM 973 Waterline 12" \$ 452,005.00 500 1667 100% \$   2021 2,

Totals \$ 11,399,608.97

\$ 7,969,000.00

**CIF Ineligible Projects** 



#### EXHIBIT B-3 CITY OF MANOR WATER IMPROVEMENTS MISCELLANEOUS PROJECT COSTS MARCH 2023

Description	Amount
CIF Studies	\$ 21,000.00
Study Cost for Water, Mapping, Modeling	\$ 138,800.00
Total Water-Related Costs	\$ 159,800.00



### EXHIBIT B-4 CITY OF MANOR WATER IMPACT FEE CALCULATION SEPTEMBER 2020

CATEGORY	AMOUNT			
Total CIP Eligible Project Cost :	\$	22,257,666.23		
Number of LUEs added:	\$	4,750.00		
Maximum Water CIF:	\$	4,686.00		
50% Credit:	\$	2,343.00		
MAXIMUM ASSESSABLE CIF:	\$	2,343.00		

#### EXHIBIT B-5 CITY OF MANOR WASTEWATER IMPROVEMENTS 10-YEAR CAPITAL IMPROVEMENTS PLAN PRO RATA CALCULATIONS MARCH 2023

Project No.	Year	Description	Size	Total LUE Capacity	10-Year LUE Demand	Total Project Cost in 2022 Dollars	Pro Rata Share	Pro Rata Project Cost in 2022 Dollars
S-13	2020	Addl. Wilbarger WWTP Capacity	1.33 MGD	5354	4200	\$34,960,000.00	78.45%	\$27,425,000.00
		Cottonwood WWTP, Phase 1, 0.20						
S-15	2022	MGD	0.1 MGD	363	363	\$12,622,000.00	100.00%	\$ 12,622,000.00
S-16	2024	East Cottonwood Gravity Line	12"	1000	375	\$ 3,426,000.00	37.50%	\$ 1,285,000.00
S-17	2024	West Cottonwood LS and FM	12"	1200	540	\$ 2,251,000.00	45.00%	\$ 1,013,000.00
		West Cottonwood Gravity Line,						
S-18	2024	Phase 2	15"	1200	540	\$ 2,297,000.00	45.00%	\$ 1,034,000.00
S-19	2022	FM 973 Gravity Wastewater Line	15"	754	75	\$ 1,473,000.00	9.95%	\$ 147,000.00
S-23	2024	Willow Lift Station and Force Main	200 gpm	210	100	\$ 2,876,000.00	47.62%	\$ 1,370,000.00
		High School gravity line to Stonewater Lift Station; Stonewater						
S-28	2018	Lift Station Upgrades	12"	1000	500	\$ 51,000.00	50.00%	\$ 26,000.00
S-30	2024	Expand Cottonwood WWTP to 0.40 MGD Capacity	0.40 MGD	909	909	\$10,067,000.00	100.00%	\$ 10,067,000.00
0.00	2024	Expand Cottonwood WWTP to 0.60	0.40 MIGB	000	000	ψ10,001,000.00	100.0070	φ 10,001,000.00
S-31	2025	MGD Capacity	0.50 MGD	1272	1272	\$10,530,000.00	100.00%	\$ 10,530,000.00
S-32	2021	Bastrop-Parsons WW Improvements	12"	1272	1272	\$ 1,054,000.00	100.00%	\$ 1,054,000.00
		Wilbarger Basin Gravity Line to Lift						
S-33	2023	Station (off Gregg Lane)	15"	1200	1200	\$ 2,746,000.00	100.00%	\$ 2,746,000.00
0.04	2022	Wilbarger Basin lift station and force main (off Gregg Lane)	12" FM and 225 gpm LS	1200	1200	¢ 2 570 000 00	100.00%	¢ 2.570.000.00
S-34	2023	main (on Gregg Lane)	12 Fivianu 225 gpin L3	1200	1200	\$ 3,570,000.00	100.00%	\$ 3,570,000.00
		Gravity line from City Limits to tie in to						
S-35	2023	Wastewater line to Cottonwood	12"	1200	600	\$ 3,021,000.00	50.00%	\$ 1,511,000.00
		Wildhorse Creek Lift Station						
CIP-1	2021	Expansion	1,075 gpm, 2nd WW	1586	1586	\$ 1,367,000.00	100.00%	\$ 1,367,000.00
CIP-2	2023	Bell Farms Lift Station Expansion	1,400 gpm, 2nd WW	2172	2172	\$ 716,000.00	100.00%	\$ 716,000.00
		Presidential Glen Lift Station						
CIP-3	2023	Expansion	2,275 gpm, 2nd WW	3517	1119	\$ 716,000.00	31.82%	\$ 228,000.00
CIP-4	2024	US 290 WW Line Expansion	12" & 15"	3600	2300	\$ 1,736,000.00	63.89%	\$ 1,109,000.00
		Travis County Rural Center Lift						
CIP-6	2020	Station, force main	500 gpm	679	340	\$ 2,524,000.00	50.07%	\$ 1,264,000.00

#### Previously Completed Projects

	Total LUE						10-Year LUE		Pro	Rata Project
Year	Capacity	Name	Description		Project Cost	LUEs Used	Demand	Pro Rata Share		Cost
			Gravity Sewer Line to Serve							
2001	300	Hamilton Point Sewer Main	Hamilton Point Sub	\$	128,000.00	300	0	0%	\$	-
		Creekside Offsite/Onsite and	Lift Station, Forced Main and							
2003	1091	Wilbarger WWTP	WWTP	\$	1,033,000.00	726	375	34%	\$	355,000.00
		East Old Highway 20 Gravity Line,	Gravity Line Lift Station and							
		Lift Staion, Forced Main (Bell Farms	Forced Main to Serve new							
2004	1264	FM)	growth along Old Highway 20	\$	1,034,873.04	616	650	51%	\$	532,000.00
			Gravity Line Along US 290 to							
2005	1885	Greenbury Gravity Line	Serve Greenbury Sub	\$	619,007.39	308	682	36%	\$	224,000.00
		Carriage Hills Lift Station and Forced	Lift Station and Forced Main to	1						
2008	888	Main	Serve Carriage Hills Sub	\$	680,972.01	165	175	20%	\$	134,000.00
			Totals	\$	3,495,852.45				\$	1,245,000.00

#### CIF Ineligible Projects

_	2009	727	Wilbarger WWTP Capacity Buyback	
			Creekside Lift Station Forced Main	
		2005	Adjustment	

### EXHIBIT B-6 CITY OF MANOR WASTEWATER IMPROVEMENTS 10-YEAR CAPITAL IMPROVEMENTS PLAN MISCELLANEOUS PROJECT COSTS MARCH 2023

Description	Fotal Cost
CIF Studies	\$ 21,000.00
Gilleland Creek COA Impact Fee (34 LUEs @ \$1,400)	\$ -
Study Cost for Wastewater, Mapping, Modeling	\$ 303,100.00
Total Sewer-Related Costs	\$ 324,100.00



### EXHIBIT B-7 CITY OF MANOR WASTEWATER IMPACT FEE CALCULATION MARCH 2023

CATEGORY	AMOUNT
Total CIP Eligible Project Cost :	\$ 80,653,000.00
Number of LUEs added:	4,900.00
Maximum Wastewater CIF:	\$ 16,460.00
50% Credit:	\$ (8,230.00)
MAXIMUM ASSESSABLE CIF:	\$ 8,230.00



### EXHIBIT B-8 CITY OF MANOR WATER AND WASTEWATER IMPACT FEE FACTORS MARCH 2023

### **1. RESIDENTIAL DEVELOPMENT**

Community Impact Fees for residential development shall be assessed based upon the number of dwelling units proposed for development times the appropriate LUE Factor for water as shown below.

Dwelling Type	Units	LUE Factor
Single Family Residential	Per Housing Unit	1
Two-Family Residential	Per Residential Unit	0.7
Three-Family Residential	Per Residential Unit	0.7
Multi-Family Residential	Per Residential Unit	0.5

### 2. NON-RESIDENTIAL DEVELOMENT

Community Impact Fees for all non-residential development shall be assessed based upon the water meter size and type installed to serve the proposed development water, as shown below.

Meter Size (Inch)	Туре	LUE Factor
5/8	Positive	1
	Displacement	
3/4	Positive	1.5
	Displacement	
1	Positive	2.5
	Displacement	
1-1/2	Positive	5
	Displacement	
2	Positive	8
	Displacement	
2	Compound	8
2	Turbine	10
3	Compound	16
3	Turbine	24
4	Compound	25
4	Turbine	42
6	Compound	50
6	Turbine	92
8	Compound	80
8	Turbine	160
10	Compound	115
10	Turbine	250
12	Turbine	330



			inipact/rap ree compa					
City		Water Impact Fee <sup>1</sup>	Wastewater Impact Fee <sup>1</sup>	,	Water Tap Fee <sup>1</sup> Wastewater Tap Fee <sup>1</sup>		Wastewater Tap Fee <sup>1</sup>	Total
Bastrop	\$	8,182.00	\$ 5,089.00	\$	350.00	\$	300.00	\$ 13,921.00
Bartlett - 11		Vary	Vary	\$	1,000.00	\$	1,000.00	\$ 2,000.00
Belton <sup>3</sup>				\$	1,000.00	\$	800.00	\$ 1,800.00
Elgin	\$	3,790.00	\$ 2,348.00	\$	2,000.00	\$	2,000.00	\$ 10,138.00
Florence <sup>3</sup>	\$	2,527.00	\$ 1,144.00	\$	1,000.00	\$	800.00	\$ 5,471.00
Georgetown <sup>7</sup>	\$	11,000.00	\$ 6,129.00	\$	850.00	\$	800.00	\$ 18,779.00
Harker Heights <sup>6</sup>	N	o CIF Program for Water	\$ 6,133.00	\$	275.00	\$	275.00	\$ 6,683.00
Holland	\$	1,000.00	\$ 1,000.00	\$	2,000.00	\$	2,000.00	\$ 6,000.00
Jarrell <sup>2</sup>	\$	4,000.00	\$ -	\$	750.00	\$	-	\$ 4,750.00
Liberty Hill <sup>8</sup>	\$	7,037.00	\$ 4,000.00	\$	3,500.00	\$	600.00	\$ 15,137.00
Leander	\$	4,309.00	\$ 2,820.00	\$	840.00	\$	750.00	\$ 8,719.00
Manor	\$	1,325.00	\$ 4,047.00	\$	750.00	\$	750.00	\$ 6,872.00
Manor - proposed	\$	2,343.00	\$ 8,230.00	\$	750.00	\$	750.00	\$ 12,073.00
Pflugerville	\$	7,897.00	\$ 8,184.00	\$	250.00	\$	250.00	\$ 16,581.00
Round Rock - 12	\$	4,025.00	\$ 2,099.00		Vary		Vary	\$ 6,124.00
Salado <sup>4,5</sup>		Vary	\$ 5,152.00	\$	3,400.00	\$	4,000.00	\$ 12,552.00
Taylor -13	\$	4,717.00	\$ 2,654.00	\$	1,375.00	\$	1,340.00	\$ 10,086.00
Temple <sup>3</sup>		No CIF Program	No CIF Program		Varies		Varies	\$ 
Тгоу		No CIF Program	No CIF Program	\$	900.00	\$	725.00	\$ 1,625.00
Waco <sup>9</sup>		No CIF Program	No CIF Program	qu	oted on per cost basis		quoted on per cost basis	\$ <u>-</u>
Average	\$	4,780.92	\$ 3,935.27	\$	1,234.71	\$	1,008.24	\$ 7,965.55
Average CIF Program Cities	\$	5,207.45	\$ 3,626.83	\$	1,413.75	\$	1,126.25	\$ 9,780.25

#### City of Manor Water and Wastewater Impact/Tap Fee Comparison Chart - APRIL 2023

Notes:

1 - Fees for a standard single family residential house (1 LUE) with a standard 5/8" x 3/4" meter and 4" ww service; water fee is for production and distribution

2 - Jarrell water supplied by Jarrell Schwertner Water Supply Corporation, Impact Fee includes Capital Recovery and Tap Fee; City of Jarrell provides water service to portions of City

3 - prices based on project; no set amount available

4 - Tap fee includes: \$100 membership fee, \$300 tap fee and \$700 installation fee

5 - Salado does not have a sewer system, \$6,300 represents low price for a septic system; Salado Water Supply Corporation supplues water

6 - Harker Heights charges for water and sewer connections on a cost basis, fees range from minimum of \$200 to over \$1,000; flat fee to connect to utility system, connection fee \$275.00 - Wastewater Impact Fee only in select areas

7 - Georgetown water and sewer tap fees include a \$500 each engineering and inspection fee; Imapct fee effective October 2018

8 - Liberty Hill charges \$6,000 fee for gravity section of City

Liberty Hill WSC charges \$100 membership fee, plus average of \$400-\$700 for tap

9 - Waco quotes on an individual basis

10- City supplied water

11 - varies based on level of project and distance to tap location - New to impact fees; currently have new projects that will be "test" subjects to process

12 - fee information - https://www.roundrocktexas.gov/departments/planning-and-development-services/building-inspection/new-single-family-construction/residential/; no tap fee, built in cost with total construction that the contractor bills his client

13 - Vary Impact Fee - http://www.ci.taylor.tx.us/DocumentCenter/View/6981