



## **CITY OF MARSHALL**

### **COMMISSION AGENDA INFORMATION SHEET:**

**MEETING DATE:** January 26, 2017

**PROJECT:** Consider approval of a Proposed 2017 Water & Sewer Capital Improvements program covering the five year period of 2017 through 2022. (Public Services Director)

**DESCRIPTION:**

We need to annually develop a Capital Improvements Program (CIP) for our water and wastewater utilities, in part, to support possible future funding requests through the Texas Water Development Board. Our department has developed a proposed 2017 Five-Year CIP for your consideration, which is based on previous CIP lists and updated needs. This plan will also be updated in accordance with the final water and wastewater master plans when they are completed.

As a reminder, the Texas Water Development Board annually submits a request for projects to be placed on their Intended Use Plan (IUP) to assist in development of their state wide master plan. In order to be eligible for funding through the State Revolving Fund for water and/or wastewater projects, we must have a current Capital Improvements Plan (CIP). This process identifies eligible water and/or wastewater projects for funding at below-market interest rates for loans and grants. Having a project listed on our CIP or listed on their IUP does not obligate the City of Marshall to apply for funding nor construct the project(s). However, it does place our CIP projects on the eligibility list for consideration.

**COST:**  
N/A

**FUNDING:**  
N/A

Acct. Name & No  
N/A

Original Budget  
N/A

**RECOMMENDED**

**CITY COMMISSION ACTION OR MOTION:**

Approve the proposed 2017 Water/Wastewater Capital Improvements Program.

**CITY CONTACT:** J. C. Hughes, Public Services Director 903-503-4503

**ATTACHMENTS:**

2017 Proposed W-WW Capital Improvements Program

cc: File

# WATER UTILITY - FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM - 2022 PLAN

(All project values are in thousands of dollars)

2017 - 2022 FIVE-YEAR CIP PLAN

Version #1 - Jan 2017

PROJECT FISCAL YEAR	TOTAL	2017	2018	2019	2020	2021	2022	FUNDING SOURCES					Total	
								Bonds	TWDB	Grants	Util	Reserves		
<b>PROPOSED PROJECTS (WWM UTILITY FUND)</b>														
Water - Annual W-Line Replacements/Ext.	\$ 1,575	\$ 200	\$ 225	\$ 250	\$ 275	\$ 300	\$ 325					\$ 1,575	\$ 1,575	
Water - Annual W-Line Looping	\$ 230	\$ 20	\$ 25	\$ 35	\$ 50	\$ 50	\$ 50					\$ 230	\$ 230	
Water - Downtown W-Line Replacements	\$ 375			\$ 75	\$ 100	\$ 100	\$ 100					\$ 375	\$ 375	
Water - GIS Mapping Base Map	\$ 28	\$ 12		\$ 4	\$ 4	\$ 4	\$ 4					\$ 28	\$ 28	
Water - Hydrant Replacements Downtown	\$ 60	\$ 10	\$ 10	\$ 10	\$ 10	\$ 10	\$ 10					\$ 60	\$ 60	
Water - Hydrant Repair/Replacements	\$ 115		\$ 15	\$ 25	\$ 25	\$ 25	\$ 25					\$ 115	\$ 115	
Water - Replace 2" & 4" lines with 6" min.	\$ 950		\$ 150	\$ 200	\$ 200	\$ 200	\$ 200					\$ 950	\$ 950	
Water - Major 6" W-Line Extend/Replace	\$ 400			\$ 100	\$ 100	\$ 100	\$ 100					\$ 400	\$ 400	
Water - Major 8" W-Line Extend/Replace	\$ 450				\$ 150	\$ 150	\$ 150		\$ 200			\$ 450	\$ 450	
Water - Major 10" W-Line Extend/Replace	\$ 400					\$ 200	\$ 200		\$ 200			\$ 400	\$ 400	
Water - Major 12" W-Line Extend/Replace	\$ 500								\$ 500			\$ 500	\$ 500	
Water - Major 16" W-Line Extend/Replace	\$ 750								\$ 750			\$ 750	\$ 750	
Water - Master Plan Development	\$ 155	\$ 155										\$ 155	\$ 155	
Water - 10" Treated Water Line - NTMWD	\$ 10,230	\$ 1,000	\$ 1,000						\$ 10,230			\$ 10,230	\$ 10,230	
Water - Meter Replacement Program	\$ 25	\$ 25							\$ 25			\$ 25	\$ 25	
Water - #1 Ground Storage Roof Rehab	\$ 250				\$ 250							\$ 250	\$ 250	
Water - #2 Ground Storage Roof Rehab	\$ 300	\$ 15	\$ 25	\$ 35	\$ 50	\$ 75	\$ 100					\$ 300	\$ 300	
Wastewater - Annual I & I Repair	\$ 1,200	\$ 200	\$ 200	\$ 200	\$ 200	\$ 200	\$ 200					\$ 1,200	\$ 1,200	
Wastewater - Annual Line Replace/Extend	\$ 1,110	\$ 110	\$ 200	\$ 200	\$ 200	\$ 200	\$ 200					\$ 1,110	\$ 1,110	
Wastewater - Annual WW Line Upgrades	\$ 145	\$ 10	\$ 15	\$ 20	\$ 25	\$ 35	\$ 40					\$ 145	\$ 145	
Wastewater - Annual WW Manhole Rehabs	\$ 150	\$ 15	\$ 15	\$ 20	\$ 25	\$ 35	\$ 40					\$ 150	\$ 150	
Wastewater - Annual Smoke Testing	\$ 700				\$ 700							\$ 700	\$ 700	
Wastewater - Bio Filter Media - Bio Towers	\$ 600								\$ 600			\$ 600	\$ 600	
Wastewater - Digester #3 Repair	\$ 300			\$ 75	\$ 75	\$ 75	\$ 75					\$ 300	\$ 300	
Wastewater - Downtown WW-Line Upgrade	\$ 120	\$ 20	\$ 20	\$ 20	\$ 20	\$ 20	\$ 20					\$ 120	\$ 120	
Wastewater - Drying Bed Sand	\$ 2,000					\$ 1,000	\$ 1,000		\$ 1,250	\$ 750		\$ 2,000	\$ 2,000	
Wastewater - East End Lift Station Repim't	\$ 28	\$ 12	\$ 4	\$ 4	\$ 4	\$ 4	\$ 4					\$ 28	\$ 28	
Waterwater - GIS Mapping Base Map	\$ 90	\$ 90										\$ 90	\$ 90	
Wastewater - Master Plan Development	\$ 915								\$ 400	\$ 515		\$ 915	\$ 915	
Wastewater - Sludge Press	\$ 650				\$ 650				\$ 650			\$ 650	\$ 650	
Wastewater - Replace WWTP Generator	\$ 1,365	\$ 165	\$ 200	\$ 220	\$ 240	\$ 260	\$ 280					\$ 1,365	\$ 1,365	
Wastewater - Lift Station & Pump Rehabs	\$ 28,155	\$ 2,059	\$ 2,100	\$ 1,493	\$ 3,353	\$ 3,043	\$ 4,638		\$ 15,030	\$ 3,115	\$ -	\$ 10,021	\$ 28,166	
<b>Total - W/WW Utility Fund Projects</b>														
		*Planned Improvements for period 2017 to 2022						\$ 16,686						
		*Planned Improvements for period 2017 to 2028						\$ 28,166						

Designates Approved 2017 Major Capital Improvement Projects - CURRENTLY IN PROCESS  
 Designates Approved 2017 Major Line Item Repair/Maint. Budgets - CURRENTLY IN PROCESS