

CAPITAL IMPROVEMENT PLAN FY2021 - FY2025

PROGRAM: WATER

Program Priority: **4**

PROJECT NAME: Annual Water System Improvements

CIP NUMBER: WT1802

CONTACT PERSON: Jody Hooks

PROJECT COST BY FISCAL YEAR

Project Cost	Previously Appropriated	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total
Planning/Design	242,618	270,000						\$512,618
Land								\$0
Construction	828,818	200,000	1,700,000	180,000				\$2,908,818
Equip/Furnishings								\$0
Total Cost	\$1,071,436	\$470,000	\$1,700,000	\$180,000	\$0	\$0	\$0	\$3,421,436

FUNDING SOURCE BY FISCAL YEAR

Funding Source	Previously Appropriated	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total
Prior Bonds	225,000	200,000						\$425,000
Future Bonds			1,700,000	180,000				\$1,880,000
Potential Grant(s)								\$0
Park Dedication Fees								\$0
4B Funding								\$0
CRF Funds								\$0
Other: Cash	846,436	270,000						\$1,116,436
Total Funding	\$1,071,436	\$470,000	\$1,700,000	\$180,000	\$0	\$0	\$0	\$3,421,436

PROJECT DESCRIPTION

FY2018: Third St 0.5 MG GST Improvements Engineering- \$38,800
FY2019: (1) Construction of Third St 0.5 MG GST Improvements - \$252,000 (2) South Shore Harbor 2 x 1MG GST's: \$109,850
Design Interior coating, exterior coating, structural repairs
FY2020: (1) Construction South Shore GST tank designed in FY2019 - \$630,000; (2) Meadowbend GST design
FY2021: (1) South Shore Harbor 2MG Elevated ST: Design \$180,000 Interior coating, exterior coating, structural repairs
(2) Alabama Elevated ST : Design \$90,000 Interior, Exterior coating, & structural repairs; (3) Construct Meadowbend GST \$200,000
FY2022: (1) Construction South Shore 2 MG Elevated ST designed in FY2021 - \$1,100,000;
(2) Construction Alabama Elevated ST designed in FY2021-\$600,000
Designing and constructing SSH EST & Alabama at same time should create economy of scale influence, resulting in significant
FY2023: (1) Design SH3 1MG GST Improvements interior coating \$180,000

PROJECT JUSTIFICATION

Walker St, Calder Rd, and Third St tanks are the oldest in the City's Ground Storage Tank (GST) inventory, that have not had interior coating and structural improvements since they were activated into service. Although the tanks are visually inspected and cleaned annually, per TCEQ gradual degradation of interior surfaces and structural features occur over many years of service. Rust (pitting), scaling, mineral deposits, corrosion of roof supports can contribute to leaks and associated water quality issues that could jeopardize public health and regulatory compliance.

ADDITIONAL CONSIDERATIONS

	YES	NO	Recurring M&O Costs	Amount
Is the project necessary under State/Federal Mandate, contractual obligation, or City Code?		NO	Personnel/Benefits (50xx)	\$0
			Supplies (51xx)	\$0
Will this project create future Capital Projects?		NO	Repairs/Maintenance (52xx)	\$0
Is your request in the current C I P ?	YES		Services (53xx)	\$0
If yes, has the cost of the project changed?	YES		TOTAL	\$0