

## PROPOSED CAPITAL IMPROVEMENT PLAN FY2020 - FY2024

**PROGRAM: WATER**

Program Priority: **7**

**PROJECT NAME: Annual Water System Improvements**

**CIP NUMBER: WT1802**

**CONTACT PERSON: Jody Hooks**

### PROJECT COST BY FISCAL YEAR

Project Cost	Previously Appropriated	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	Total
Planning/Design	148,650		270,000					\$418,650
Land								\$0
Construction	202,150	910,000		1,700,000				\$2,812,150
Equip/Furnishings								\$0
<b>Total Cost</b>	<b>\$350,800</b>	<b>\$910,000</b>	<b>\$270,000</b>	<b>\$1,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,230,800</b>

### FUNDING SOURCE BY FISCAL YEAR

Funding Source	Previously Appropriated	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	Total
Prior Bonds		470,000						\$470,000
Future Bonds			270,000	1,700,000				\$1,970,000
Potential Grant(s)								\$0
Park Dedication Fees								\$0
4B Funding								\$0
CRF Funds								\$0
Other: Cash	350,800	440,000						\$790,800
<b>Total Funding</b>	<b>\$350,800</b>	<b>\$910,000</b>	<b>\$270,000</b>	<b>\$1,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,230,800</b>

### 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: Construction South Shore GST tank designed in FY2019 - \$910,000  
FY2021: South Shore Harbor 2MG Elevated ST: Design \$180,000 Interior coating, exterior coating, structural repairs  
Alabama Elevated ST : Design \$90,000 Interior, Exterior coating, & structural repairs  
FY2022: Construction South Shore 2 MG Elevated ST designed in FY2021 - \$1,100,000  
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 savings

### 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		<b>TOTAL</b>	<b>\$0</b>