

CAPITAL IMPROVEMENT PLAN FY2021 - FY2025

PROGRAM: WATER

Program Priority: **1**

PROJECT NAME: 36" WL SH3 to SSH Booster Station

CIP NUMBER: WT1109

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	1,174,261	130,000						\$1,304,261
Land	615,100							\$615,100
Construction	226	19,780,000						\$19,780,226
Equip/Furnishings								\$0
Total Cost	\$1,789,587	\$19,910,000	\$0	\$0	\$0	\$0	\$0	\$21,699,587

FUNDING SOURCE BY FISCAL YEAR

Funding Source	Previously Appropriated	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Future Years	Total
Prior Bonds	1,789,587	2,329,818						\$4,119,405
Future Bond		11,315,446						\$11,315,446
Potential Grant(s)								\$0
Park Dedication Fees								\$0
4B Funding								\$0
CRF Funds		5,264,736						\$5,264,736
Other: Fund 1055		1,000,000						\$1,000,000
Total Funding	\$1,789,587	\$19,910,000	\$0	\$0	\$0	\$0	\$0	\$21,699,587

PROJECT DESCRIPTION

This project consist of approximately 17,000 ft of 36" C905 PVC pipe, ROW/easement acquisition, environment assessments, and route determination. The pipeline will connect Hwy 3 booster station with South Shore booster station. Project construction is scheduled in FY2019 because of the number of ROW, permitting, and environmental issues that are required. The 2018 Water Master Plan added 3,900 LF of 16" C905 WL to this project. The proposed WL will run parallel to the 36" WL within the same easement alignment from the South Shore Booster Pump Station to an existing 16" WL on FM 2094 that continues east. This WL was initially identified in the 2012 WMP and moved forward to take advantage of economy of scale opportunities that coincide with the Construction of the 36" WL and to meet the need of a redundant loop and back feed of the FM 2094 corridor. 2018 CRF Study reflects 25% of project costs are eligible for Water CRF funding.

PROJECT JUSTIFICATION

The project will provide an alternative connection from the City's surface water contractual take point at SH 3 BPS to the South Shore Harbor BPS that serves the eastside service area and providing a third crossing of Clear Creek, further improving system supply redundancy. Adding the 16"WL brings a much needed looping feature and redundant back feed to the FM 2094 corridor.

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?	YES		Repairs/Maintenance (52xx)	\$30,000
Is your request in the current C I P ?	YES		Services (53xx)	\$0
If yes, has the cost of the project changed?	YES		TOTAL	\$30,000