

**CAPITAL IMPROVEMENT PLAN FY2024 - FY2028**

**PROGRAM: WASTEWATER**

Program Priority: **2**

**PROJECT NAME: Annual Lift Station Improvements**

**CIP NUMBER: WW1901**

**CONTACT PERSON: Jody Hooks**

**PROJECT COST BY FISCAL YEAR**

Project Cost	Previously Appropriated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total
Planning/Design	649,387		273,750	195,000	135,000	127,500		\$1,380,637
Land		15,000						\$15,000
Construction	4,392,710	2,525,000		800,000	1,300,000	900,000	850,000	\$10,767,710
Equip/Furnishings								\$0
<b>Total Cost</b>	<b>\$5,042,097</b>	<b>\$2,540,000</b>	<b>\$273,750</b>	<b>\$995,000</b>	<b>\$1,435,000</b>	<b>\$1,027,500</b>	<b>\$850,000</b>	<b>\$12,163,347</b>

**FUNDING SOURCE BY FISCAL YEAR**

Funding Source	Previously Appropriated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total
Prior Bonds	1,697,013							\$1,697,013
Future Bonds								\$0
Potential Grant(s)								\$0
Park Dedication Fees								\$0
4B Funding								\$0
CRF Funds								\$0
Other: Cash	3,345,083	2,540,000	273,750	995,000	1,435,000	1,027,500	850,000	\$10,466,333
<b>Total Funding</b>	<b>\$5,042,097</b>	<b>\$2,540,000</b>	<b>\$273,750</b>	<b>\$995,000</b>	<b>\$1,435,000</b>	<b>\$1,027,500</b>	<b>\$850,000</b>	<b>\$12,163,347</b>

**PROJECT DESCRIPTION**

FY2024: (1) Construct East Main Lift Station Improvements \$2.2M (2) Land and Construction for Mary Ln & Tallow Forest LS \$340,000 (This is in conjunction with the Mary Ln & Tallow Forest Waterline WT1904H).  
 FY2025: (1) Design Landing Lift Station Rehab for improved reliability and safety \$150,000; (2) Design of Constellation LS Rehab submersible conversion for improved reliability and safety \$123,750  
 FY2026: (1) Design Meadowbend STP LS Submersible Conversion \$195,000 (2) Construct Landing and Constellation LS improvements \$ 800,000  
 FY2027: (1) Construct Meadowbend STP LS Submersible Conversion \$1,300,000 (2) Design Dove Meadows #1 & #2 LS Submersible lift pump conversion \$135,000.  
 FY2028: (1) Construct Dove Meadows #1 & #2 LS Submersible lift pump conversion \$900,000; (2) Design Meadow Parkway LS Rehabilitation \$127,500  
 Future years: (1) Construct Meadow Parkway LS Rehabilitation \$850,000

**PROJECT JUSTIFICATION**

The majority of the City's lift stations have seen capacity improvements and rehabilitation activity in past years, through the City's on-going Capital Improvement Program and O&M funded projects. All the above-mentioned sites were constructed in the early eighties and are critical stations serving large areas. Although improvements have occurred through past years the some of the pumps and associated piping will have been in service for close to forty years at the time of proposed construction. Dry Pit lift station designs from this era had few considerations for Operation & Maintenance efficiencies and/or related safety issues. SS 1 & 2, Glen Cove, and East Main lift stations have been subjected to flooding of dry pits during tropical weather events of the past where the complete function of the facility was lost until electrical, and pumps could be restored. These proposed conversion improvements will enhance operability and safety of these sites for the long-term future.

**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>