

TITLE: Town-wide Sanitary Sewer Improvements and Repairs (20506)

STATUS: New

PROGRAM DESCRIPTION: This project undertakes on-going maintenance and replacement of old deteriorated sanitary sewers, mitigates infiltration and inflow (I&I) and improves sanitary sewer associated with other capital projects. The table on the next page provides a listing of the projects, design and/or construction costs and proposed scheduling.

In previous Capital Improvements Programs, project number 06401 – Miscellaneous Waterline & Sanitary Sewer Improvements, Repairs and I&I Mitigation included replacement and upgrades to both waterlines and sanitary sewer lines. Beginning in the FY 2020-25 Capital Improvements Program, project 06401 has been separated into two new CIP projects (20506 and 20505) – one for each of the two systems.

OPERATING IMPACT: Maintenance costs should be reduced due to the improved structural integrity of the sewer lines.

GOAL ADDRESSED: 2012 Town Plan

- Community Facilities and Services Objectives 5 and 6 call for providing adequate wastewater collection and treatment to meet state and federal criteria. This project includes replacement or relining of aging sanitary sewer mains and rehabilitation of sanitary sewer manholes.



Significant Dates

UTILITY RELOCATION START	CONSTRUCTION START	ESTIMATED COMPLETION
N/A	Ongoing	Ongoing

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/19							Total for 6 Yr CIP	Future Funds Required
			2020	2021	2022	2023	2024	2025		
Utilities Bonds	\$ 2,549,000	—	\$ 388,000	\$ 372,000	\$ 362,000	\$ 378,000	\$ 345,000	\$ 360,000	\$ 2,205,000	\$ 344,000
PAY-GO Utilities	2,084,400	—	316,900	303,700	296,900	309,000	283,000	293,900	1,803,400	281,000
Total Sources	\$ 4,633,400	—	\$ 704,900	\$ 675,700	\$ 658,900	\$ 687,000	\$ 628,000	\$ 653,900	\$ 4,008,400	\$ 625,000

Planned Uses

Uses	Total Project Cost	Expended through 6/30/19							Total for 6 Yr CIP	Future Project Cost
			2020	2021	2022	2023	2024	2025		
Project Management	\$ 160,900	—	\$ 24,900	\$ 25,700	\$ 26,400	\$ 27,000	\$ 28,000	\$ 28,900	\$ 160,900	—
Construction	4,472,500	—	680,000	650,000	632,500	660,000	600,000	625,000	3,847,500	625,000
Total Uses	\$ 4,633,400	—	\$ 704,900	\$ 675,700	\$ 658,900	\$ 687,000	\$ 628,000	\$ 653,900	\$ 4,008,400	\$ 625,000

Operating Impact

Operating/Maintenance	2020	2021	2022	2023	2024	2025	Total for 6 Yr CIP
N/A	—	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—	—

Utilities

Capital Improvements Program

Description	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Sewer						
Pipe Lateral Rehabilitation	\$ 458,000	\$ 420,000	\$ —	\$ —	\$ —	\$ —
Pipe Rehabilitation	222,000	—	—	—	—	—
Manhole Rehabilitation Lining	—	230,000	632,500	660,000	600,000	625,000
Project Management	24,900	25,700	26,400	27,000	28,000	28,900
Total Cost	\$ 704,900	\$ 675,700	\$ 658,900	\$ 687,000	\$ 628,000	\$ 653,900

Utilities