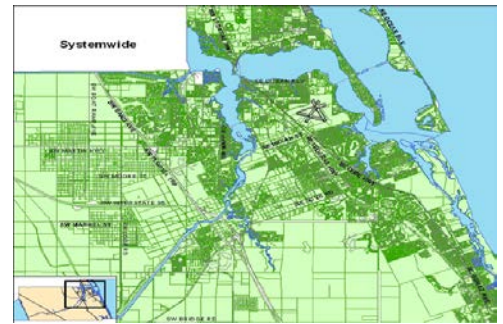


Sanitary Sewer Lining

Category Non-concurrency
Project Number 3568
Location Systemwide
District Systemwide

Project Limits Systemwide

Related Projects
Lead Dept/Division Utilities
Year Project Initiated Approved during FY13 CIP Workshop



DESCRIPTION

Project to line existing sanitary sewers and restore manholes at strategic locations to reduce large amounts of infiltration and inflow (I/I). Work also includes associated lift station rehabilitation work as a result of excess infiltration and inflow and air release valve maintenance/replacements.

BACKGROUND

During heavy rainfall events, large amounts of rainfall runoff infiltrate the older portions of the County's sanitary sewer system. This project will be ongoing until infiltration and inflow (I/I) is reduced to an acceptable level. The Department cleans and lines approximately 17,500 feet of sewer main per year on a continual basis. The Department maintains 196 miles of gravity sanitary sewer mains.

PROJECT ORIGATION

Infrastructure Needs

JUSTIFICATION

Lining of sanitary sewers will improve system reliability and maintain the current level of service. The lining of existing sanitary sewers and manhole restoration will also reduce the infiltration and inflow (I/I) into the system, thereby reducing the peak flows to the wastewater treatment plants during rainfall events. Reduction of flows associated with rainfall also ensures adequate flow and pumping capacity is maintained in the system.

				Funded					Unfunded
Expenditures	Total	To Date		FY22	FY23	FY24	FY25	FY26	FY27-FY31
Construction	2,500,000			250,000	250,000	250,000	250,000	250,000	1,250,000
Expenditure Total	2,500,000			250,000	250,000	250,000	250,000	250,000	1,250,000
Revenues	Total	To Date	Carryover	FY22	FY23	FY24	FY25	FY26	FY27-FY31
Utilities R&R	2,500,000			250,000	250,000	250,000	250,000	250,000	1,250,000
Revenue Total	2,500,000			250,000	250,000	250,000	250,000	250,000	1,250,000

Total Unfunded 0

OPERATING BUDGET IMPACT

The reduction of infiltration and inflow (I/I) reduces flows to the system's lift stations and wastewater treatment plants, thereby reducing energy costs of pumping and treating the wastewater.