

Project Number: SW017
Project Title: Storm Sewer Lining Program
Department Name: DPW - Operations

Asset Type: Stormwater Management
CIP Status: Recurring
Project Category: Capital Maintenance

Budget Year: 2018
Category Code: A
Sector: Various

Project Purpose:

This is a sustainable asset project that provides for the cleaning and lining of the City's stormwater infrastructure.

Project Narrative:

As storm sewers age, deterioration occurs and causes structural defects, which leads to pipe failure and the need for replacement. Some city sewers are more than 80 years old and the lining process can add up to 75 years to life of the sewer while being less invasive and expensive than excavating and replacing the pipe. The City has approximately 15,000 linear feet of storm sewer pipe planned for 2018, depending on the size of pipe that range from 8 inches to 36 inches in diameter. The City has re-lined approximately 220,000 linear feet since the projects inception in FY04. The City televises the storm lines prior to lining to allow DPW to more accurately and efficiently schedule storm sewer lining activities and repair pipes through CIP Project SW001 in preparation for the lining process. A portion of the funding in 2018 may be used for camera equipment. These repairs are necessary to protect the assets of the city and capitalize on the full extent of the lining program.

External Funding Sources Available:

None

Projected Timetable:

2018 - Grid 96

Impact on Operating Budget:

Project can reduce emergency maintenance costs and allow employees to maintain sewer through routine flushing and inspecting.

Funding Source Summary

Funding Source	2018	2019	2020	2021	2022	Total Source
Unfunded Capital	600,000	1,020,000	1,040,400	1,061,208	1,082,432	4,804,040
Totals	600,000	1,020,000	1,040,400	1,061,208	1,082,432	4,804,040

Project Cost Summary

Expense Category	2017 Budget	2018	2019	2020	2021	2022	Total CIP
Construction	600,000	600,000	1,020,000	1,040,400	1,061,208	1,082,432	4,804,040
Totals	600,000	600,000	1,020,000	1,040,400	1,061,208	1,082,432	4,804,040

