

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: 2022
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 - 18,000 linear feet of storm sewer pipe planned for 2022, depending on the size of pipe that range from 8 inches to 36 inches in diameter. The City has re-lined approximately 228,000 linear feet since the projects inception in FY04, which has lead to a reduction in localized flooding and related complaints. 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.

External Funding Sources Available:

None

Projected Timetable:

- 2020 - Grids 114 and 129 (West Highlands)
- 2021 - Grids 115 and 130 (West Highlands)
- 2022 - Grids 111, 124, 125 (Southwest Crossing, Lakewood Crossing, & Springbrook Crossing)

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	2022	2023	2024	2025	2026	Total Source
Home Rule Sales Tax	750,000	765,000	624,240	636,725	649,459	3,425,424
Totals	750,000	765,000	624,240	636,725	649,459	3,425,424

Project Cost Summary

Expense Category	2021 Budget	2022	2023	2024	2025	2026	Total CIP
Construction	750,000	750,000	765,000	624,240	636,725	649,459	3,425,424
Totals	750,000	750,000	765,000	624,240	636,725	649,459	3,425,424

