

**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:** 2020  
**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 2020, depending on the size of pipe that range from 8 inches to 36 inches in diameter. The City has re-lined approximately 208,000 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:**

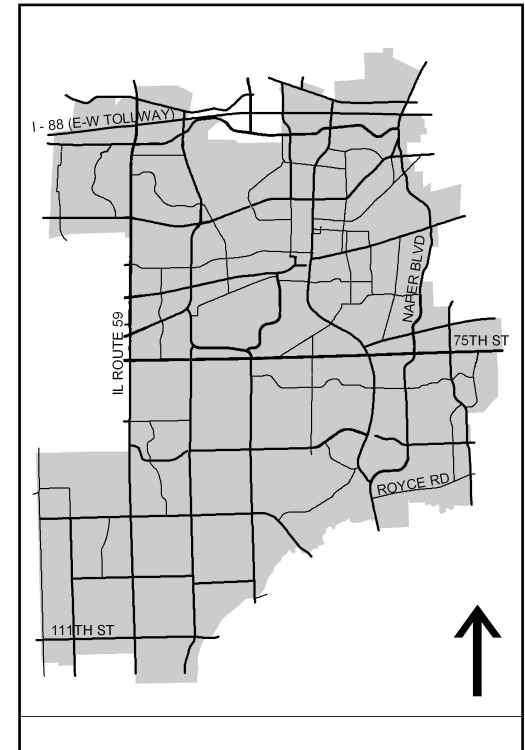
None

**Projected Timetable:**

2019 - Grids 113, 114, 128, 129 (West Highlands)  
 2020 - Grids 114 and 129

**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	2020	2021	2022	2023	2024	Total Source
Home Rule Sales Tax	600,000	750,000	600,000	600,000	600,000	3,150,000
Unfunded Capital	0	15,000	24,240	36,725	49,459	125,424
<b>Totals</b>	<b>600,000</b>	<b>765,000</b>	<b>624,240</b>	<b>636,725</b>	<b>649,459</b>	<b>3,275,424</b>

**Project Cost Summary**

Expense Category	2019 Budget	2020	2021	2022	2023	2024	Total CIP
Construction	600,000	600,000	765,000	624,240	636,725	649,459	3,275,424
<b>Totals</b>	<b>600,000</b>	<b>600,000</b>	<b>765,000</b>	<b>624,240</b>	<b>636,725</b>	<b>649,459</b>	<b>3,275,424</b>