

**Project Number:** WWU06

**Project Title:** Sanitary Sewer System Rehab/Replacement-Interceptors/Trunk Sewers/Mainlines & Services

**Department Name:** Water/ Wastewater

**CIP Status:** Recurring

**Category Code:** A

**Sector:** Various

**Project Purpose:**

This project is for the preservation of existing essential sanitary sewer system assets by rehabilitating (lining) sanitary sewer system infrastructure in targeted areas that are known to have high levels of groundwater infiltration.

**Criteria**

**WF Number:** TBD

New Development, Infrastructure Replacement/Renewal, Reliability Improvements/Upgrades

**Project Narrative:**

This project consists of ongoing investigation and rehabilitation of deteriorated sanitary interceptor, trunk, mainline and service lateral sewers in areas known to have significant groundwater infiltration using a trenchless technology process on a system-wide basis. The budget increase in CY19 and CY20 relates to the needed rehabilitation/replacement of the large sanitary interceptor sewer running through Springbrook Prairie Forest Preserve. Recent televising and cleaning revealed considerable deterioration along the 1.5 mile stretch of the 42-inch sanitary sewer. This interceptor sewer was installed in the early/mid-1970s and it has never had any rehabilitation work.

**External Funding Sources Available**

None

**Projected Timetable**

This project will rehabilitate approximately 15,000 linear feet of main line sewers and 150 sewer service laterals and 50 manholes annually.

**Impact on Operating Budget**

No significant impact on the operating budget is anticipated in the immediate future, although there will be reductions in wastewater treatment expenses due to the ongoing elimination of active groundwater leaks.

**Project Budget Impact Summary**

	2017	2018	2019	2020	2021	Total CIP
Impact Detail	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0
Prior Year(s) Impact						0
Total Project Impact						0

**Funding Source Summary**

Funding Source	2017	2018	2019	2020	2021	Total Source
Water Utility	3,632,500	4,932,500	4,582,500	3,432,500	3,182,500	19,762,500
Subtotal	3,632,500	4,932,500	4,582,500	3,432,500	3,182,500	19,762,500
Prior Year(s) Expenditures						13,549,358
Total All Sources						33,311,858

**Project Cost Summary**

Expense Category	Prior Year(s) Expenditures	2016 Budget	2016 Year-to-Date	2017	2018	2019	2020	2021	Total CIP	
Benefits	202,783	0	48,906	0	0	0	0	0	0	
Construction	8,364,951	3,517,000	4,145,789	3,632,500	4,932,500	4,582,500	3,432,500	3,182,501	19,762,502	
Salaries	393,445	0	129,757	0	0	0	0	0	0	
Services	147,086	0	0	0	0	0	0	0	0	
Supplies	112,821	0	3,821	0	0	0	0	0	0	
Subtotal	9,221,086	3,517,000	4,328,272	3,632,500	4,932,500	4,582,500	3,432,500	3,182,501	19,762,502	
Prior Year(s) Expenditures										13,549,358
Total Project Cost										33,311,859

