

Project Number: WWU06
Project Title: Sanitary Sewer System Rehab/Replacement-Interceptors/Trunk
Department Name: Water/ Wastewater

Asset Type: Wastewater Utility
CIP Status: Recurring
Project Category: Capital Upgrade

Budget Year: 2017
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.

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 CY2019 and CY2020 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:

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.

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
Totals	3,632,500	4,932,500	4,582,500	3,432,500	3,182,500	19,762,500

Project Cost Summary

Expense Category	2016 Budget	2017	2018	2019	2020	2021	Total CIP
Construction	3,517,000	3,632,500	4,932,500	4,582,500	3,432,500	3,182,500	19,762,502
Totals	3,517,000	3,632,500	4,932,500	4,582,500	3,432,500	3,182,500	19,762,502

