

Project Number: WU20
Project Title: Water Metering Replacement
Department Name: Water/ Wastewater

Asset Type: Water Utility
CIP Status: Recurring
Project Category: Capital Maintenance

Budget Year: 2017
Category Code: A
Sector: Various

Project Purpose:

This project supports the delivery of municipal services that are reliable and responsive to the needs of the citizens by updating essential utility infrastructure.

Project Narrative:

This project provides for planned replacement of older water meters. Analysis has shown that water meters in Naperville fail to meet AWWA registration standards when in service longer than 16 years. Planned replacement of water meters is necessary to accurately bill customers and insure sufficient revenues to the utility. In addition, this project will replace several hundred ERT units that are at the end of their useful life. These units are used to read water meters in parts of the unincorporated service areas.

External Funding Sources Available:

Projected Timetable:

This project will utilize contractor services and in-house labor to replace approximately 17,300 (?) water meters between CY2017 and CY2021. In addition,

Impact on Operating Budget:

Based on test results from older water meters recently removed from service. Each meter replacement is expected to generate approximately \$40 per year in new revenues. The average life of a water meter is 16-20 years.

Funding Source Summary

Funding Source	2017	2018	2019	2020	2021	Total Source
Water Utility	785,000	785,000	784,999	750,000	750,000	3,855,000
Totals	785,000	785,000	784,999	750,000	750,000	3,855,000

Project Cost Summary

Expense Category	2016 Budget	2017	2018	2019	2020	2021	Total CIP
Construction	300,000	785,000	785,000	784,999	750,000	750,000	3,855,000
Totals	300,000	785,000	785,000	784,999	750,000	750,000	3,855,000

