

Project Number: WU07
Project Title: Miscellaneous Waterworks Improvements
Department Name: Water/ Wastewater

Asset Type: Water Utility
CIP Status: No Change
Project Category: Capital Upgrade

Budget Year: 2018
Category Code: A
Sector: Various

Project Purpose:

This project supports the provision of water service to new customers as a demonstration of Naperville's commitment to provide essential services.

Project Narrative:

This project provides for the repair, replacement and rehabilitation of pumps, controls, electrical systems and other components of the city's Water Supply sites.

External Funding Sources Available:

None

Projected Timetable:

Engineering and Construction planned annually through CY2022.

Impact on Operating Budget:

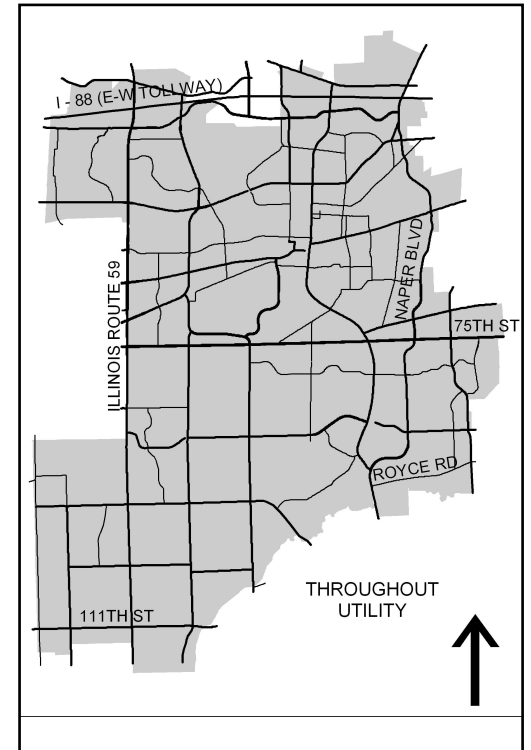
No additional personnel; nominal operating & maintenance expenses anticipated.

Funding Source Summary

Funding Source	2018	2019	2020	2021	2022	Total Source
Water Utility	490,000	449,250	605,000	605,000	575,000	2,724,250
Totals	490,000	449,250	605,000	605,000	575,000	2,724,250

Project Cost Summary

Expense Category	2017 Budget	2018	2019	2020	2021	2022	Total CIP
Construction	0	490,000	449,250	605,000	605,000	575,000	2,724,250
Totals	0	490,000	449,250	605,000	605,000	575,000	2,724,250



Project Number: WWU35
Project Title: SWRC - Phosphorus Removal - Preliminary Engineering (IEPA)
Department Name: Water/ Wastewater

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

Budget Year: 2018
Category Code: A
Sector: Southeast

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:

The City's NPDES (National Pollutant Discharge Elimination System) Permit is anticipated to be renewed by the Illinois EPA in October, 2017. The renewed permit requires the completion of a Phosphorus Discharge Optimization Evaluation and Reduction Feasibility Study to determine future SWRC effluent standards for phosphorus discharge to the DuPage River. The funding proposes to conduct the initial studies to begin planning preliminary engineering to ultimately lead to the design of plant upgrades and facilities improvements necessary to meet the new Illinois EPA phosphorus and nitrogen removal requirements. Construction expenditures are anticipated to begin in CY24 and will continue until CY28 when the improvements are scheduled to be operational.

External Funding Sources Available:

None

Projected Timetable:

Engineering Studies/Preliminary Engineering: CY18 through CY22. Construction: CY23 and beyond.

Impact on Operating Budget:

Nominal operating and maintenance-related expenditures anticipated.

Funding Source Summary

Funding Source	2018	2019	2020	2021	2022	Total Source
Water Utility	125,000	350,000	200,000	200,000	500,000	1,375,000
Totals	125,000	350,000	200,000	200,000	500,000	1,375,000

Project Cost Summary

Expense Category	2017 Budget	2018	2019	2020	2021	2022	Total CIP
Construction	0	125,000	350,000	200,000	200,000	500,000	1,375,000
Totals	200,000	125,000	350,000	200,000	200,000	500,000	1,375,000

