

Program 8095 South Area Interceptor Improvements

Description:

The interceptor systems in Apple Valley, Eagan, Farmington, Lakeville, Savage and other south area communities in need rehabilitation and/or replacement as well as expansion to serve growth. The Program will rehabilitate existing interceptor facilities, including gravity sewers, and force mains, and analyze the system needs to accommodate growth.

Purpose and Justification:

The Program provides for improvements to the Interceptor System that serves the South Area. This includes work that will rehabilitate deteriorated Interceptors in this area.

Program Location:

The active projects within this program are in the following Council Districts: District # 4, 15 and 16

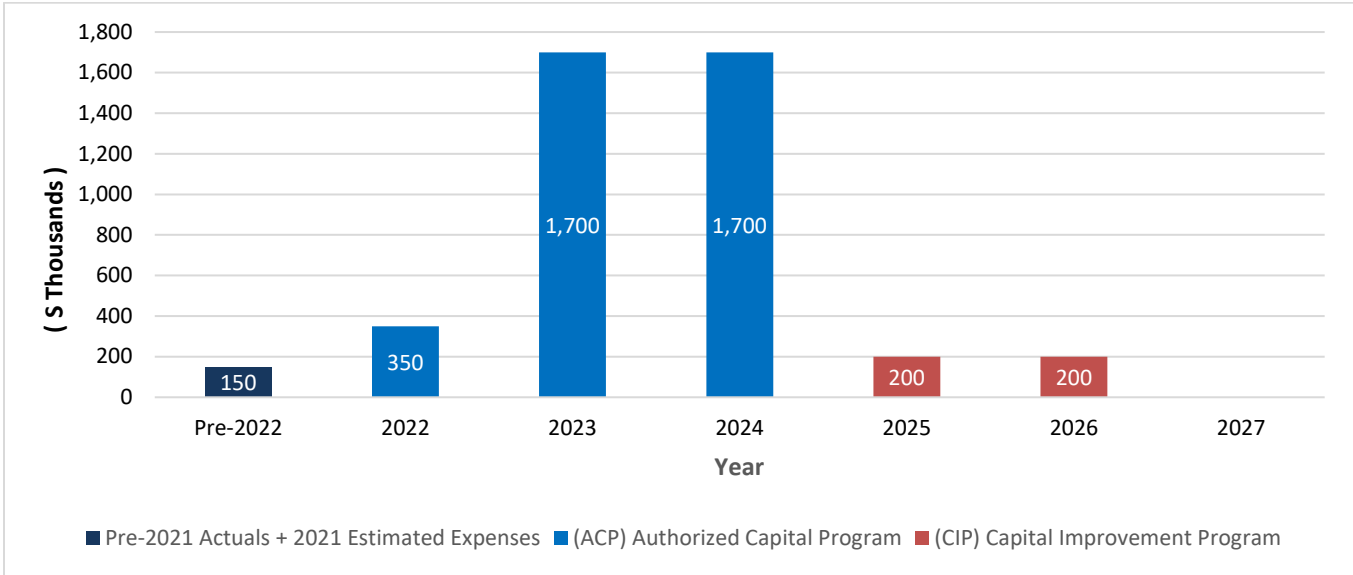
Active Projects in Program:

Project Number	Project Title
809500	South Area Improvements (Parent Project)
809510	Shakopee Interceptor Odor Improvements

MCES 2022 – 2027 Capital Program:

Authorized Capital Program (ACP) \$3,900,000	Capital Improvement Plan (CIP) \$400,000
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Estimated Program Cash Flow 2022 - 2027:



Note: The ACP is the total amount of all past and present authorizations including Pre-2022 Expenses.

Program Family: 8095
Project # 809510

Shakopee Interceptor Odor Improvements

Project Location:
Council District: # 4
City: Shakopee, MN
Location: MCES 9206 & 7120; pipe that runs along highway 169



PROJECT TYPE:	Study
OBJECTIVES:	Preservation and Quality Improvements
CUSTOMER LEVEL OF SERVICE:	Historically, odor and corrosion has been an issue within MCES interceptors, and several City sewer systems that connect to the MCES system. In some cases, odor and corrosion within City sewers may be due to migration of gases from MCES sewers. The nuisance to neighbors and customers does not meet the Council’s Level of Service goals
SCOPE:	Study to determine the best method(s), and location(s) for odor and corrosion reduction facilities to reduce odor and corrosion impacts to MCES and City sewers
PROJECT NEED:	The project is needed for operator safety, to preserve assets, and to reduce nuisance odors in the study area

PROJECT SCHEDULE



FINANCIAL ANALYSIS

2022 Cash Flow \$150,000	Current ACP \$3,300,000	2022 – 2027 Cash Flow \$3,150,000	Total Project Cost \$3,300,000
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