

Program 8076 – Minneapolis Interceptor Rehabilitation



Minneapolis skyline

Description

This program provides funding to address capital improvements for the interceptors that serve Minneapolis and the surrounding areas.

Purpose and justification

The program provides for the implementation of improvement and renewal projects needed to provide continued service to the metropolitan region and capacity to accommodate projected growth of the region.

Program location

The active projects within this program are in the following Council districts: 5, 6, 7, 8, 13, 14, and 16

Active projects in program

Project Number	Project Title
807600	Minneapolis Interceptor System Rehabilitation (Parent Project)
807640	Maintenance Access Structures
807650	Minneapolis Joint Sewer Study
807670	Minneapolis Interceptor Odor Control Study – Phase 1

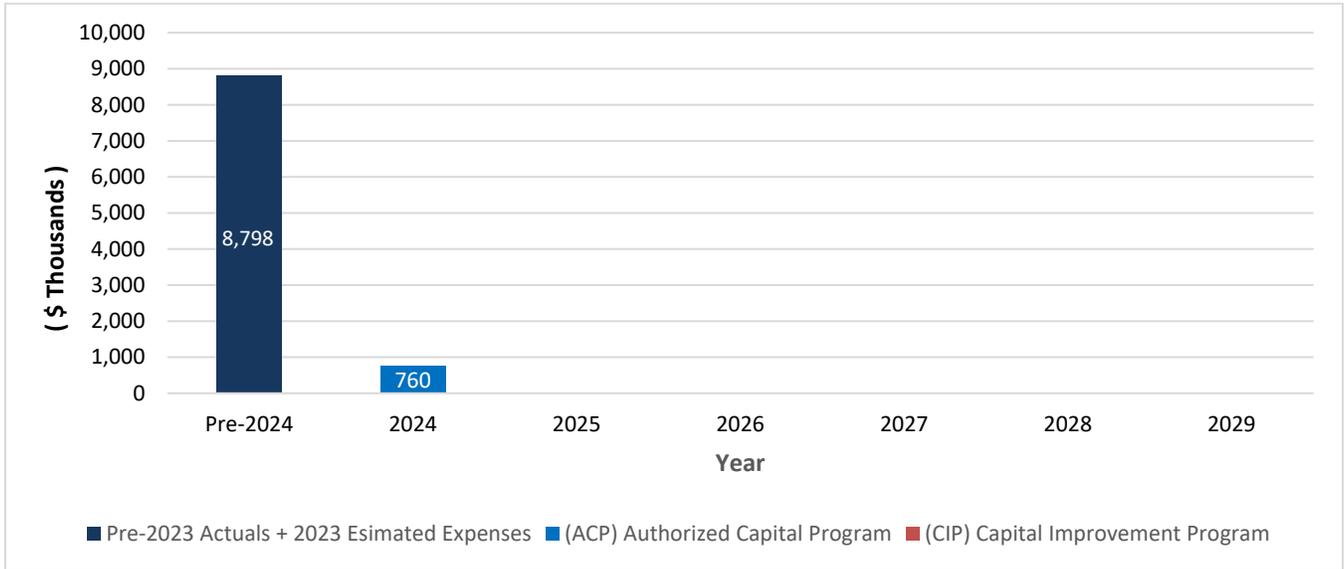
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Environmental Services 2024 through 2029 Capital Program

- Authorized Capital Program (ACP): \$9,558,910
- Capital Improvement Plan (CIP): \$0

Estimated program cash flow from 2024 through 2029

Note: the ACP is the total amount of all past and present authorizations including pre-2024 expenses.



Maintenance Access Structures
Program family 8076

Project #807640

Project location: Council districts #1 to 16, various locations in the Cities of Minneapolis and Saint Paul



Photo of typical maintenance access structure

Project type
Interceptor Improvements

Objectives
Asset Preservation

Scope
Repair existing maintenance holes and hatches and patch holes in corrugated metal pipe pipe-in-pipe.

Project need
Repairs required to maintain level of service related to inflow and infiltration (I/I) and odors.

Project schedule:



Planning: 2023



Design: 2023



Construction: 2023

Financial analysis

2024 cash flow:	\$100,000
Current ACP:	\$1,112,000
2024 through 2029 cash flow:	\$100,000
Total project cost:	\$1,112,000

Project location: Council districts #6, 7, and 8, various sites in the City of Minneapolis



Minneapolis skyline

Project type

Study

Objectives

System Expansion

Scope

Multiyear joint study with the City of Minneapolis to collect sanitary flow data at various locations throughout the city. Data will be used for inflow and infiltration (I/I) evaluation, hydraulic modeling, and prioritizing future system improvements in both the local and regional collection systems.

Project need

Some of the oldest regional assets are in Minneapolis with some interceptors dating back to the 1880's and reflect a once combined storm/sanitary collection system. Growth within, and outside of Minneapolis needs to be accommodated through much of the regional system within the city. This coupled with I/I impacts on system flow identified a need to evaluate long-term system capacity needs and the ability of the system to accommodate anticipated flows.

Project schedule:



Planning: N/A



Design: N/A



Construction: N/A

Financial analysis

2024 cash flow:	\$400,000
Current ACP:	\$6,408,000
2024 through 2029 cash flow:	\$400,000
Total project cost:	\$6,408,000

Minneapolis Interceptor Odor Control Study – Phase 1
Program family 8076

Project #807670

Project location: Council districts #5, 6, 7, 8, 13, 14, and 16, Cities of Richfield, Minneapolis, Saint Paul, and Golden Valley and Eureka Township



Photo of a carbon unit

Project type
Interceptor Improvements

Objectives
Asset Preservation

Scope
Model air and wastewater flows, deploy field instruments, and collect samples to identify individual odor sources and propose odor management strategies at the direction of the ES Odor Management Team.

Project need
Consistent improvement of odor mitigation efforts is required to meet ES customer level of service goals.

Project schedule:



Planning: 2018 through 2023



Design: N/A



Construction: N/A

Financial analysis

2024 cash flow:	\$250,000
Current ACP:	\$1,573,000
2024 through 2029 cash flow:	\$250,000
Total project cost:	\$1,573,000