Program 8090 – Interceptor System Support

Vactor truck used to clean debris from interceptors

Description

This program includes miscellaneous projects to rehabilitate failing facilities, address inflow and infiltration (I/I) sources, and address general needs of the interceptor system not programmed into a region- or facility-specific program. This program also includes additional condition assessment work to complement the internal inspections work completed by Operations, odor control improvements, city coordination for street improvement projects, and office space planning and design to accommodate all staff assigned to the Regional Maintenance Facility.

Purpose and justification

Periodic condition assessments for interceptor facilities have revealed facilities requiring immediate projects. In addition, system-wide administrative and management work is needed to efficiently operate the interceptor system.

Program location

The active projects within this program are in the following Council districts: All

New program additions

Category	Details
Scope	Deep tunnel interceptor inspection, city coordination, odor program.
Assets	Varies
Communities	Metro-Wide
Added budget	$30,900,000
Construction years	2028 through 2029

Active projects in program

Project Number	Project Title
809099	Funds for Future Interceptor Rehabilitation Projects (Parent Project)
809089	Special Interceptor Inspections

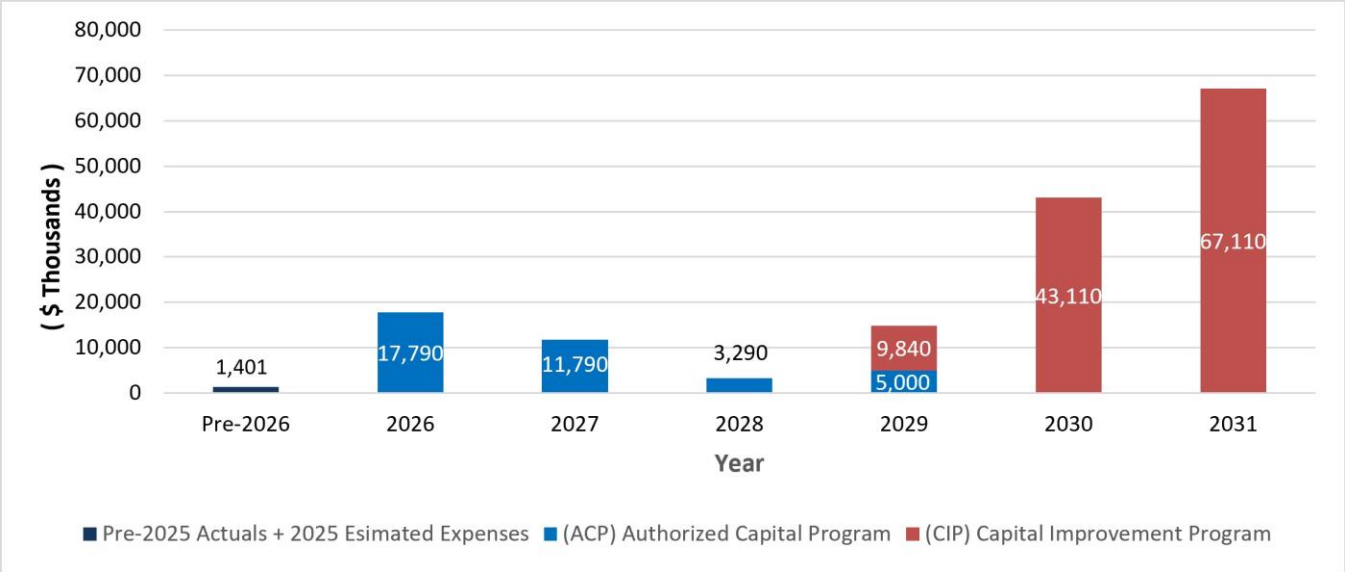
Project Number	Project Title
809095	Regional Maintenance Facility (RMF) Expansion
809098	Maintenance Access Structure Rehabilitation
819016	Large Diameter Interceptor Cleaning – Phase 2
819020	Hopkins System Improvements, East Isles Forcemain, Contract H
819024	RMF Lower-Level Parking Lot

Environmental Services 2026 through 2031 Capital Program

- Authorized Capital Program (ACP): $72,672,572
- Capital Improvement Plan (CIP): $40,000,000

Estimated program cash flow from 2026 through 2031

Note: the ACP is the total amount of all past and present authorizations including pre-2026 expenses.



Special Interceptor Inspections

Program family 8090 **Project #809089**

Project location: Project location varies across seven-county Twin Cities Metro Area

UTV equipped with tracks and CCTB equipment

Project type
Condition Assessment

Objectives
Asset Preservation

Scope
Work is identified each year during the planning for the sewer televising work that is to be completed. Work that cannot be handled in-house is contracted out. Less than 20% of the work in the last two years has been contracted.

Project need
Environmental Services maintains critical infrastructure throughout the greater metropolitan area, and not all of it is accessible by using the standard equipment that Interceptor Operations owns. Specialized equipment, permits, and coordination with the communities are needed to complete the work.

Planning: Ongoing	Design: N/A	Construction: N/A

Financial analysis

2026 cash flow:	$200,000
Current ACP:	$1,500,000
2026 through 2031 cash flow:	$30,900,000
Total project cost:	$32,000,000

Regional Maintenance Facility (RMF) Expansion

Program family 8090 **Project #809095**

Project location: Council district #15, City of Eagan, 3565 Kennebec Drive

Regional Maintenance Facility (RMF)

Project type
Building Improvements

Objectives
Quality Improvement

Scope
This project includes remodeling RMF to address the inadequate women's locker room and bathrooms and expansion to include the Air Quality lab and accommodate current staffing along with planned growth. The building improvements will address ADA deficiencies. Finally, a large meeting room is being planned that could share space with other amenities for consistent use and serve as an emergency operations center.

Project need
RMF was constructed in 1986, with improvements made in 2012 for expansion to accommodate additional staff. Currently, several work areas require improvements, including Dispatch, Computer Room, and women's facilities and improvements to comply with the ADA. Furthermore, ES is no longer going to be leasing space at Metro 94 for the Air Quality department, and RMF has been identified as a preferred location.

Planning: 2019	Design: 2019 through 2022	Construction: 2022 through 2025

Financial analysis

2026 cash flow:	$206,000
Current ACP:	$27,662,000
2026 through 2031 cash flow:	$206,000
Total project cost:	$27,662,000

Maintenance Access Structure Rehabilitation

Program family 8090 **Project #809098**

Project location: Various

Maintenance Hole Rehabilitation

Project type
Interceptor Improvements

Objectives
Asset Preservation

Scope
This is an ongoing project used to provide design services for miscellaneous small scale maintenance access structure improvements identified during routine inspections or as part of work conducted by other agencies. Actual rehabilitation services are typically conducted under change order to existing construction contracts or through cooperative agreements with agencies.

Project need
Maintenance access structures need to be rehabilitated to allow operation of interceptors, often on short notice to coordinate with road work by other agencies.

Planning: 2023 through 2028	Design: 2023 through 2028	Construction: N/A

Financial analysis

2026 cash flow:	$500,000
Current ACP:	$2,462,500
2026 through 2031 cash flow:	$2,462,000
Total project cost:	$2,462,000

Large Diameter Interceptor Cleaning – Phase 2

Program family 8090 **Project #819016**

Project location: Council districts #6, 7, 8, 13, and 14, Cities of Minneapolis and Saint Paul, Neighborhoods of St. Anthony West, Prospect Park, Downtown, Marcy Holmes, North Loop, Summit Hill

Contractor's cleaning equipment layout

Project type
Interceptor Improvements

Objectives
Asset Preservation

Scope
Clean seven separate segments of Interceptors 1-MN-300, 1-MN-310, 1-MN-320, 1-SP-250, and 1-MS-100. These are deeper or larger tunnels that cannot otherwise feasibly be completed by Council Operations staff.

Project need
Interceptors need to be cleaned to restore original design capacity and minimize the potential for service interruptions.

Planning: 2020 through 2021	Design: 2020 through 2021	Construction: 2021 through 2026

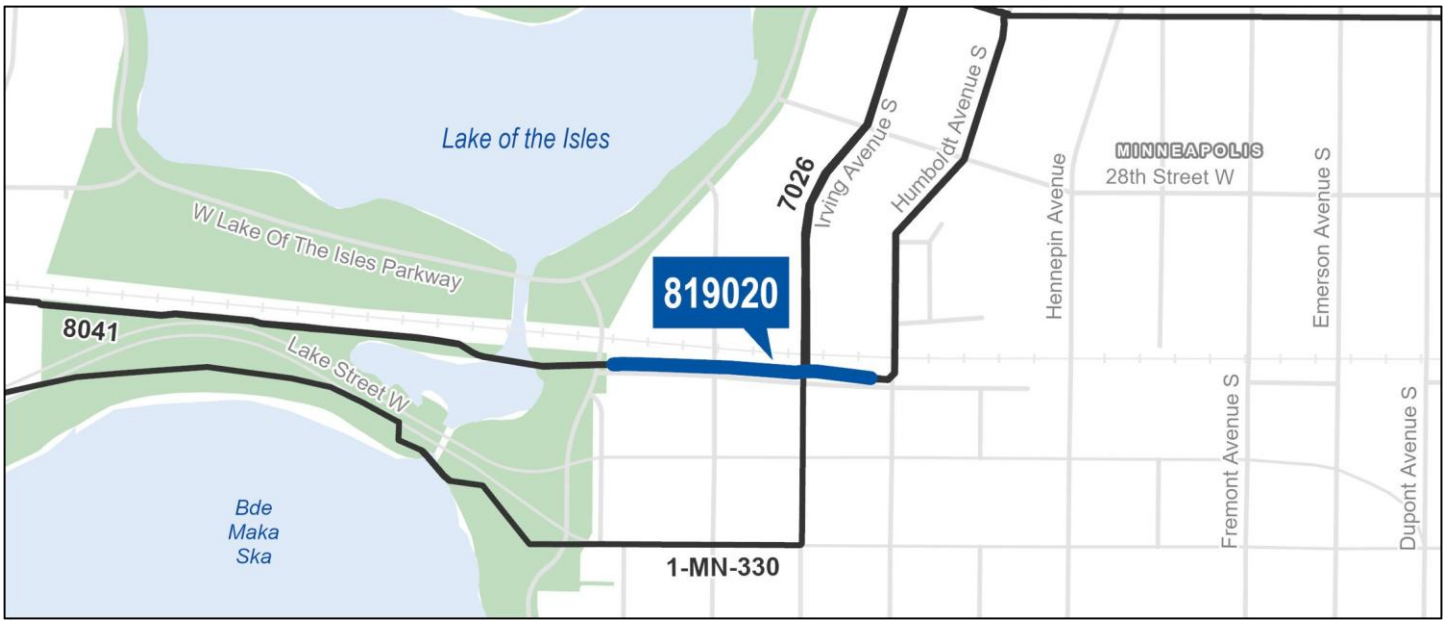
Financial analysis

2026 cash flow:	$3,600,000
Current ACP:	$13,010,000
2026 through 2031 cash flow:	$7,200,000
Total project cost:	$14,667,000

Hopkins System Improvements, East Isles Forcemain, Contract H

Program family 8090 **Project #819020**

Project location: Council district #6, City of Minneapolis



The final segment of the Hopkins System forcemain to be replaced with dual PVC forcemains within The Mall Park.

Project type
Interceptor Improvements

Objectives
Asset Preservation

Scope
Replacement of 30-inch concrete forcemain with dual 24-inch PVC forcemains.

Project need
Provide corrosion resistant forcemain pipe with redundancy for system reliability.

Planning: 2010 through 2012	Design: 2022 through 2023	Construction: 2027

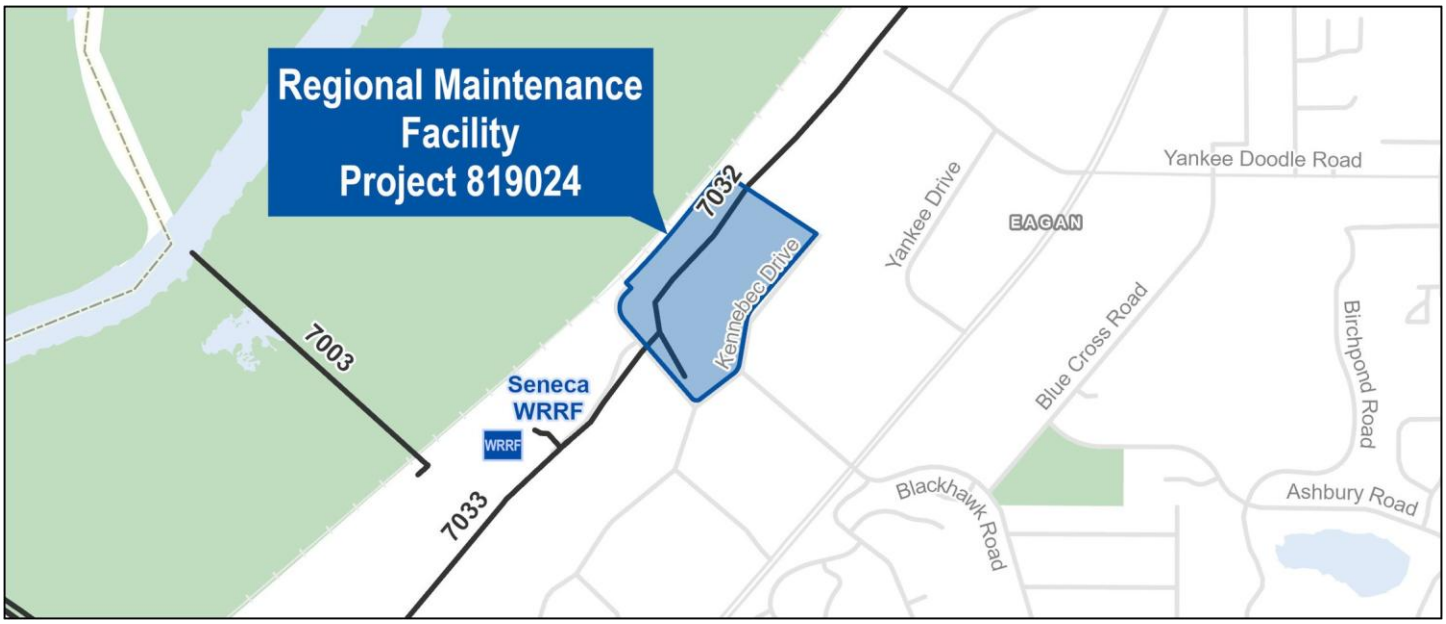
Financial analysis

2026 cash flow:	$1,600,000
Current ACP:	$4,575,000
2026 through 2031 cash flow:	$3,100,000
Total project cost:	$3,621,000

RMF Lower-Level Parking Lot

Program family 8090 **Project #819024**

Project location: Council district #15, City of Eagan



Map of project #819024 location at Regional Maintenance Facility in Eagan.

Project type
Building Parking Lot

Objectives
Asset Preservation

Scope
The lower-level parking lot at the Regional Maintenance Facility (RMF) needs to be removed and replaced. This includes new pavement, curb and gutter, and erosion control.

Project need
The RMF lower-level parking lot needs replacement, due to age and use.

Planning: 2025	Design: 2025-2026	Construction: 2026

Financial analysis

2026 cash flow:	$1,000,000
Current ACP:	$2,000,000
2026 through 2031 cash flow:	$1,500,000
Total project cost:	$2,000,000