



## Program 8093 Brooklyn Park – Champlin Interceptor Renewal

### Description:

This Program provides for the rehabilitation concrete gravity interceptor in the Cities of Champlin, Brooklyn Park and Osseo. The interceptor will be rehabilitated using Cured-In-Place-Pipe (CIPP) technology.

### Purpose and Justification:

Inspections and condition assessment show the need for rehabilitation of interceptors in the Brooklyn Park and Champlin area. The pipes included in this program are rated Condition 4 or 5, which indicates defects requiring immediate attention, and that the pipe has failed or has potential to fail within the next 5 to 10 years if nothing is done. The video inspection indicates significant hydrogen sulfide and age-related damage to the reinforced concrete pipe (RCP). The damage is extensive and steel reinforcement is visible and/or missing in several locations

### Program Location:

The active projects within this program are in the following Council Districts: District # 2

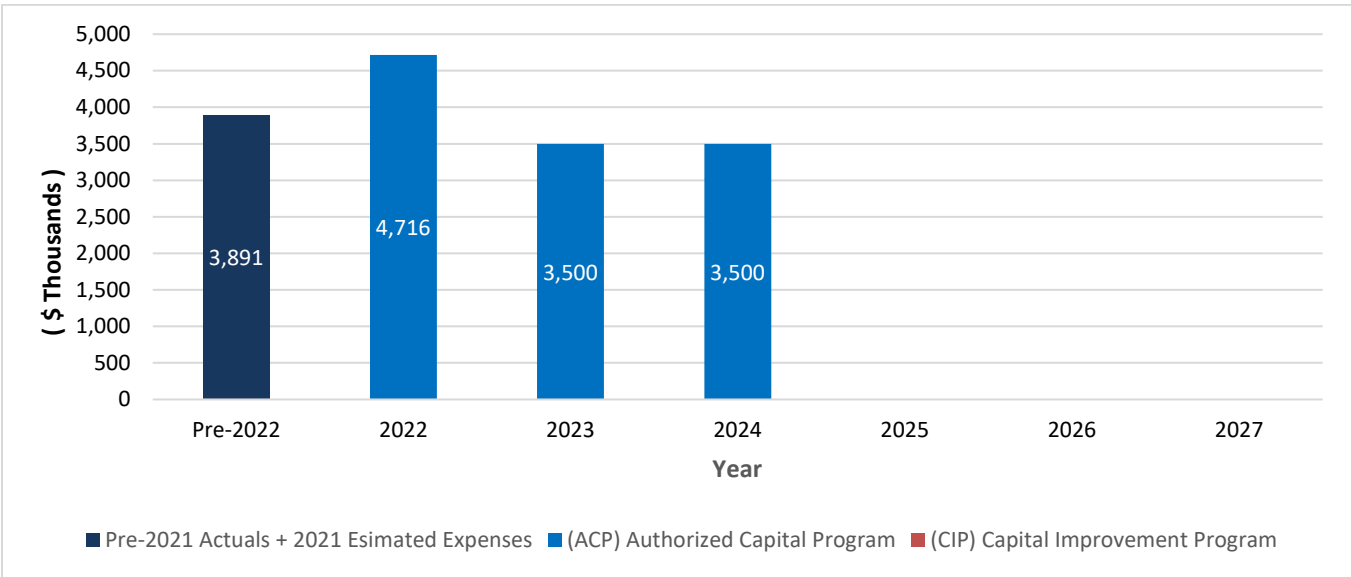
### Active Projects in Program:

Project Number	Project Title
809300	Brooklyn Park-Champlin Interceptor Renewal (Parent Project)
809320	BPCI Renewal – Phase 2
809361	Brooklyn Park & Osseo Interceptor Rehabilitation – 7015 A&B, 4-OS-457 and M224

## MCES 2022 – 2027 Capital Program:

Authorized Capital Program (ACP) \$15,607,000	Capital Improvement Plan (CIP) \$0
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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: 8093  
Project # 809320

# Brooklyn Park-Champlin Interceptor Renewal

Project Location:  
Council District # 2  
City of Brooklyn Park



<b>PROJECT TYPE:</b>	Interceptor Improvements
<b>OBJECTIVES:</b>	Preservation
<b>CUSTOMER LEVEL OF SERVICE:</b>	Comply with Permits, Minimize Impacts, Be A Good Neighbor, Communicate Information, Engage Customers and Coordinate with Others
<b>SCOPE:</b>	CIPP repair includes interceptor 8252-481 from MH 8 1 to MH 15 2
<b>PROJECT NEED:</b>	The Phase 2 project is identified as Site 2-1 in the Facility Plan. It includes interceptor 8252-481 from Manhole (MH) 4 2 to MH 15 2. This section of the interceptor was constructed in 1985 and consists of 12,000 ft. of 66-inch RCP pipe and 22 maintenance holes. Based on the inspection, it has a condition rating of 4 and needs repair.

## PROJECT SCHEDULE



## FINANCIAL ANALYSIS

<b>2022 Cash Flow</b> \$200,000	<b>Current ACP</b> \$5,400,000	<b>2022 – 2027 Cash Flow</b> \$5,400,000	<b>Total Project Cost</b> \$5,400,000
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Program Family: 8093  
Project # 809361

## Brooklyn Park and Osseo Interceptor Rehabilitation – 7015 A&B, 4-OS-457 and M224

### Project Location:

Council District # 1, 2

City of Brooklyn Park,  
Osseo and Maple Grove

Interceptor 7015 A&B  
And 4-OS-457



<b>PROJECT TYPE:</b>	Interceptor Rehabilitation
<b>OBJECTIVES:</b>	Improvement
<b>CUSTOMER LEVEL OF SERVICE:</b>	Minimize Impacts, Be A Good Neighbor, Meet Capacity Needs, Communicate Information, Engage Customers, Coordinate with Others and Be Fair and Transparent with Fees
<b>SCOPE:</b>	The project includes Cured in Place Pipe (CIPP) lining of about 2,500 ft of 36-inch interceptor and replacement of about 1,000 ft of 12-inch interceptor. The maintenance hole structures along the route will either be rehabbed using Fiberglass Reinforced Plastic (FRP) inserts or replaced with new manholes. The meter structure M224 will be rehabilitated with a new flume and improved access to the structure. The exiting bioxide tank at M224 will be moved to a new location further south on 83 <sup>rd</sup> Ave on City of Brooklyn Park property.
<b>PROJECT NEED:</b>	7015-A&B, and 4-OS-457 is listed as condition 5 pipe. The RCP pipe has reinforcement exposed, and numerous defects were observed in the CCTV inspection video. Recently, there was a partially collapsed section of interceptor 7015-D in this area that caused a sink hole in the road that was fixed as an emergency repair (Project 809360). The section around the repair area is in poor shape. M224 has significant corrosion and access issue.

### PROJECT SCHEDULE



Planning  
2019



Design  
2019-2020



Construction  
2021-2022

### FINANCIAL ANALYSIS

<b>2022 Cash Flow</b> \$4,116,000	<b>Current ACP</b> \$7,832,000	<b>2022 – 2027 Cash Flow</b> \$4,186,000	<b>Total Project Cost</b> \$7,832,000
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# MCES Project 809361

