**Program 8086**
**North Area Interceptor (NAI) Rehabilitation**

**Description:**
The interceptor systems in Blaine, Brooklyn Park, Champlin, Circle Pines, Coon Rapids, Forest Lake Fridley, Hugo, Lexington, Lino Lakes, Maple Grove, Moundsview, Spring Lake Park, and other north area communities need rehabilitation and/or replacement. The project will rehabilitate existing interceptor facilities, including gravity sewers, forcemains, lift stations and meter stations.

**Purpose and Justification:**
Inspections of the interceptors that serve the North Metro Area have revealed corrosion damage. The corrosion is extensive and has resulted in significant damage to the interior concrete surfaces of the interceptors and maintenance structures.

**Program Location:**
The active projects within this program are in the Council Districts: 1 and 9

**Active Projects in Program:**

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Title</th>
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<tbody>
<tr>
<td>808600</td>
<td>North Area Interceptor (NAI) Rehabilitation (Parent Project)</td>
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<tr>
<td>808621</td>
<td>Maple Grove Interceptor 9004-1 I94 Ramp Rehabilitation</td>
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<tr>
<td>808622</td>
<td>Elm Creek – Maple Grove Interceptor 900416 Renewal</td>
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<tr>
<td>808685</td>
<td>Coon Rapids Interceptor 4-NS-525</td>
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MCES 2020 – 2025 Capital Program:

**Authorized Capital Program (ACP)**
$35,703,333

**Capital Improvement Plan (CIP)**
$10,200,000

Estimated Program Cash Flow 2020 - 2025:

Note: The ACP is the total amount of all past and present authorizations including Pre-2020 Expenses.
Maple Grove Interceptor 9004-1 I94 Ramp Rehabilitation

**Project Location:**
Council District # 1
City of Maple Grove
I-94 at Maple Grove Parkway

**PROJECT TYPE:** Interceptor

**OBJECTIVES:** Preserve and Improve

**CUSTOMER LEVEL OF SERVICE:** Minimize Impacts, Lead by Example, Be A Good Neighbor, Engage Customers, Coordinate With Others and Preserve Assets

**SCOPE:** As part of MnDOT’s SP 2780-97 I94 Improvement project, 185 feet of 42-inch concrete interceptor pipe will be lined along with rehabilitating three maintenance holes and installing a new maintenance hole for the temporary conveyance discharge.

**PROJECT NEED:** The 2019 annual meeting with the Minnesota Department of Transportation identified a project in Maple Grove that would provide access to a portion of the Elm Creek Interceptor that needs repair, which would otherwise be inaccessible. This work will be performed as a part of a Master Utility Agreement with MnDOT and their Contractor

**PROJECT SCHEDULE**
- Planning: N/A
- Design: 2019
- Construction: 2020

**FINANCIAL ANALYSIS**
- **2020 Cash Flow:** $400,000
- **Current ACP:** $800,000
- **2020 – 2025 Cash Flow:** $400,000
- **Total Project Cost:** $800,000
Program Family: 8086  
Project # 808622

Project Location:  
Council District # 1  
City of Maple Grove

Maple Grove Interceptor Replacement

PROJECT TYPE: Interceptor

OBJECTIVES: Preserve and Improve

CUSTOMER LEVEL OF SERVICE: Comply with Permits and Preserve Assets

SCOPE: Areas of Interceptor 900416 have been identified with varies degrees of deflection. The interceptor will be evaluated to determine which sections require rehabilitation or replacement.

PROJECT NEED: To maintain the integrity of the system and to prevent potential damage to the environment due to pipe failure, sections of the interceptor must be repaired or replaced.

PROJECT SCHEDULE

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<thead>
<tr>
<th>Planning</th>
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<tbody>
<tr>
<td>2019-2020</td>
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FINANCIAL ANALYSIS

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Coon Rapids Interceptor 4-NS-525 - Rehabilitation

Program Family: 8086  
Project # 808685

Project Location:  
Council District # 9  
City of Coon Rapids
Interceptor 4-NS-525

PROJECT TYPE: Interceptor

OBJECTIVES: Preserve

CUSTOMER LEVEL OF SERVICE: Preserve Assets, Minimize Impacts, Engage Customers, and Coordinate with Others

SCOPE: A two-phase interceptor rehabilitation project to renew up to 14,000 feet of 48-inch RCP with Cured-In-Place Pipe and up to 39 manhole rehabilitations. During preliminary discussions with the City of Coon Rapids, an interest in entering into a cooperative agreement to rehabilitate connecting City owned trunk sewers and laterals has been expressed by the City.

PROJECT NEED: Approximately 3,600 linear feet of 48-inch RCP needs immediate planning for rehabilitation to extend useful life and provide reliability, and an additional 9,000 linear feet will require rehabilitation within the next 10 years.

PROJECT SCHEDULE

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<tr>
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FINANCIAL ANALYSIS

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MCES Project 808685