Program 8092
Minneapolis Interceptor System Rehabilitation – Phase 2

Description:
This program includes facility planning and new projects to address aging infrastructure within or contributory to the City of Minneapolis. Potential projects include:
- Interceptor 1-MN-303 Pipe-in-Pipe Rehabilitation
- Interceptor 1-MN-320 Improvements

Purpose and Justification:
Interceptors in Minneapolis were constructed as early as 1891 and included tunnels constructed in the 1930’s to intercept the old combined sewers. Additional planning work is required to both identify projects needed to address capacity and to repair existing facilities. These projects will be prioritized into the future CIP.

Program Location:
The active projects within this program are in the following Council Districts: District # 6, 7 & 8

Active Projects in Program:

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>809200</td>
<td>Minneapolis Interceptor Rehabilitation Phase 2 (Parent Project) – Facility Planning</td>
</tr>
<tr>
<td>809205</td>
<td>Interceptor 1-MN-320 Improvements</td>
</tr>
<tr>
<td>809209</td>
<td>Basset Creek Tunnel Improvements</td>
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<tr>
<td>809211</td>
<td>1-MN-303 Pipe-in-Pipe Rehabilitation</td>
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</table>
MCES 2022 – 2027 Capital Program:

<table>
<thead>
<tr>
<th>Authorized Capital Program (ACP)</th>
<th>$25,757,000</th>
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</thead>
<tbody>
<tr>
<td>Capital Improvement Plan (CIP)</td>
<td>$2,200,000</td>
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</table>

Estimated Program Cash Flow 2022 - 2027:

<table>
<thead>
<tr>
<th>Year</th>
<th>Pre-2022</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
<th>2027</th>
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<tr>
<td>Pre-2021 Actuals + 2021 Estimated Expenses</td>
<td>607</td>
<td>6,050</td>
<td>10,600</td>
<td>6,500</td>
<td>2,000</td>
<td>200</td>
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</tbody>
</table>

Note: The ACP is the total amount of all past and present authorizations including Pre-2022 Expenses.
1-MN-320 Improvement Study

Program Family: 8092
Project # 809205

Project Location:
1-MN-320
Council District # 6
City: Minneapolis
Location
Currie Avenue

PROJECT TYPE:
Study

OBJECTIVES:
Preservation

CUSTOMER LEVEL OF SERVICE:
Provide conveyance and treatment capacity consistent with regional and local plans

SCOPE:
Evaluate condition and identify conceptual improvements

PROJECT NEED:
Prevent future emergency repairs

PROJECT SCHEDULE

Planning
2021

Design
2022 - 2023

Construction
2023 - 2025

FINANCIAL ANALYSIS

2022 Cash Flow
$1,700,000

Current ACP
$15,558,000

2022 – 2027 Cash Flow
$15,300,000

Total Project Cost
$15,558,000
Project Location:
1-MN-320
Council District # 6
City: Minneapolis
Location
Van White Blvd

Project Location Map

PROJECT TYPE:
Interceptor Rehabilitation

OBJECTIVES:
Preservation

CUSTOMER LEVEL OF SERVICE:
Provide conveyance and treatment capacity consistent with regional and local plans

SCOPE:
Rehabilitate the interceptor section under Highway 55

PROJECT NEED:
Prevent future emergency repairs

PROJECT SCHEDULE

<table>
<thead>
<tr>
<th>Planning</th>
<th>Design</th>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>2021</td>
<td>2021-2022</td>
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</table>

FINANCIAL ANALYSIS

<table>
<thead>
<tr>
<th>2022 Cash Flow</th>
<th>Current ACP</th>
<th>2022 – 2027 Cash Flow</th>
<th>Total Project Cost</th>
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</thead>
<tbody>
<tr>
<td>$2,000,000</td>
<td>$2,200,000</td>
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</table>
# 1-MN-303 Pipe-in-Pipe Rehabilitation

**Program Family:** 8092  
**Project #:** 819211

**Project Location:**  
Council District #8  
Cities of Minneapolis  
Columbia Park and  
Marshall Terrace  
Neighborhoods

## PROJECT TYPE:
Pipe-in-Pipe Rehabilitation

## OBJECTIVES:
Preservation

## CUSTOMER LEVEL OF SERVICE:
Maintain Existing Assets

## SCOPE:
Repair Pipe-in-Pipe using removal and replacement and/or CIPP.

## PROJECT NEED:
Interceptor 1-MN-303 was built in the early 1920’s as a 102” reinforced concrete combined sanitary/storm sewer. The segment of 1-MN-303 on 31st Ave NE between Randolph St NE and Columbia Golf Course was converted to a PIP separated sewer in 1965 using inlaid deformed corrugated metal pipe (CMP). A walking inspection conducted in January 2022 identified severe damage and corrosion that is allowing significant inflow of stormwater into the sanitary sewer.

## PROJECT SCHEDULE

<table>
<thead>
<tr>
<th>Planning</th>
<th>Design</th>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-2021</td>
<td>2021-2022</td>
<td>2022-2023</td>
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## FINANCIAL ANALYSIS

<table>
<thead>
<tr>
<th>2022 Cash Flow</th>
<th>Current ACP</th>
<th>2022 – 2027 Cash Flow</th>
<th>Total Project Cost</th>
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</thead>
<tbody>
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