Program 8081
Maple Plain Lift Station / Forcemain Improvements

Description:
This program will provide short term improvements that are required to the existing system to convey flow from Loretto to MCES lift station L-63 while the City of Loretto constructs a new lift station and 6-inch forcemain at their existing wastewater treatment facility (WWTF) to convey all future flows to lift station L-63. Other improvements under this program include new billing meters to measure flow from Loretto, possible upgrades to Independence and Medina lift stations, New 20-inch gravity sewer along County Rd 19, increase pump impellers at lift station L-63, and construction of a new storage facility at lift station L-63.

Purpose and Justification:
The Minnesota Pollution Control Agency reissued the City of Loretto for wastewater treatment plant permit in 2015, with the requirement to cease discharge to surface waters and connect to the regional wastewater system by December 31, 2020. The Council has agreed to provide wastewater service to Loretto by December 31, 2020. The Council has included this service extension in the Wastewater System Plan chapter of its 2040 Water Resources Policy Plan. This project addresses the improvements required to provide service to Loretto without expanding the existing Council system (until more growth occurs in the area) and using the Medina/Independence local wastewater systems.

Program Location:
The active projects within this program are in Council District: 1

Active Projects in Program:

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>808100</td>
<td>Maple Plain Lift Station / Forcemain Improvements (Parent Project)</td>
</tr>
<tr>
<td>8081XX</td>
<td>Lift Station L63 Improvements</td>
</tr>
<tr>
<td>8081XX</td>
<td>Medina Gravity Improvements</td>
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</table>
MCES 2020 – 2025 Capital Program:

**Authorized Capital Program (ACP)**
$5,000,000

**Capital Improvement Plan (CIP)**
$300,000

### Estimated Program Cash Flow 2020 - 2025:

Note: The ACP is the total amount of all past and present authorizations including Pre-2020 Expenses.
Maple Plain, Medina and Independence Improvements

Program Family: 8081
Project # 8081XX

Project Location:
Council District # 1
City of Independence, Loretto, Media and Maple Plain
Interceptor 8081 & L-63

Project Type:
Interceptor

Objectives:
Expand and Improve

Customer Level of Service:
Comply with Permits, Minimize Impacts, Be A Good Neighbor, Meet Capacity Needs, Engage Customers and Coordinate with Others

Scope:
Construction of 2,000 ft of 15” gravity pipe and upgrades to the MCES lift station L-63 to meet the additional capacity requirements from the Loretto flow. Upgrades to the flumes M440 and M433 inside the lift station and installation of new meters M445 and M446 at Independence and Loretto lift station respectively. The project also includes interagency agreements with the cities of Medina, Independence and Loretto.

Project Need:
The Minnesota Pollution Control Agency reissued the City of Loretto for wastewater treatment plant permit in 2015, with the requirement to cease discharge to surface waters and connect to the regional wastewater system by December 31, 2020. The Council has agreed to provide wastewater service to Loretto by December 31, 2020. The Council has included this service extension in the Wastewater System Plan chapter of its 2040 Water Resources Policy Plan. This project addresses the improvements required to provide service to Loretto without expanding the existing Council system (until more growth occurs in the area) and leasing the Medina/Independence local wastewater systems.

Project Schedule

Planning
2015-2017

Design
2018-2019

Construction
2020-2021

Financial Analysis

<table>
<thead>
<tr>
<th>Year</th>
<th>Current ACP</th>
<th>2020 - 2025 Cash Flow</th>
<th>Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020 Cash Flow</td>
<td>$3,000,000</td>
<td>$2,500,000</td>
<td>$3,000,000</td>
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