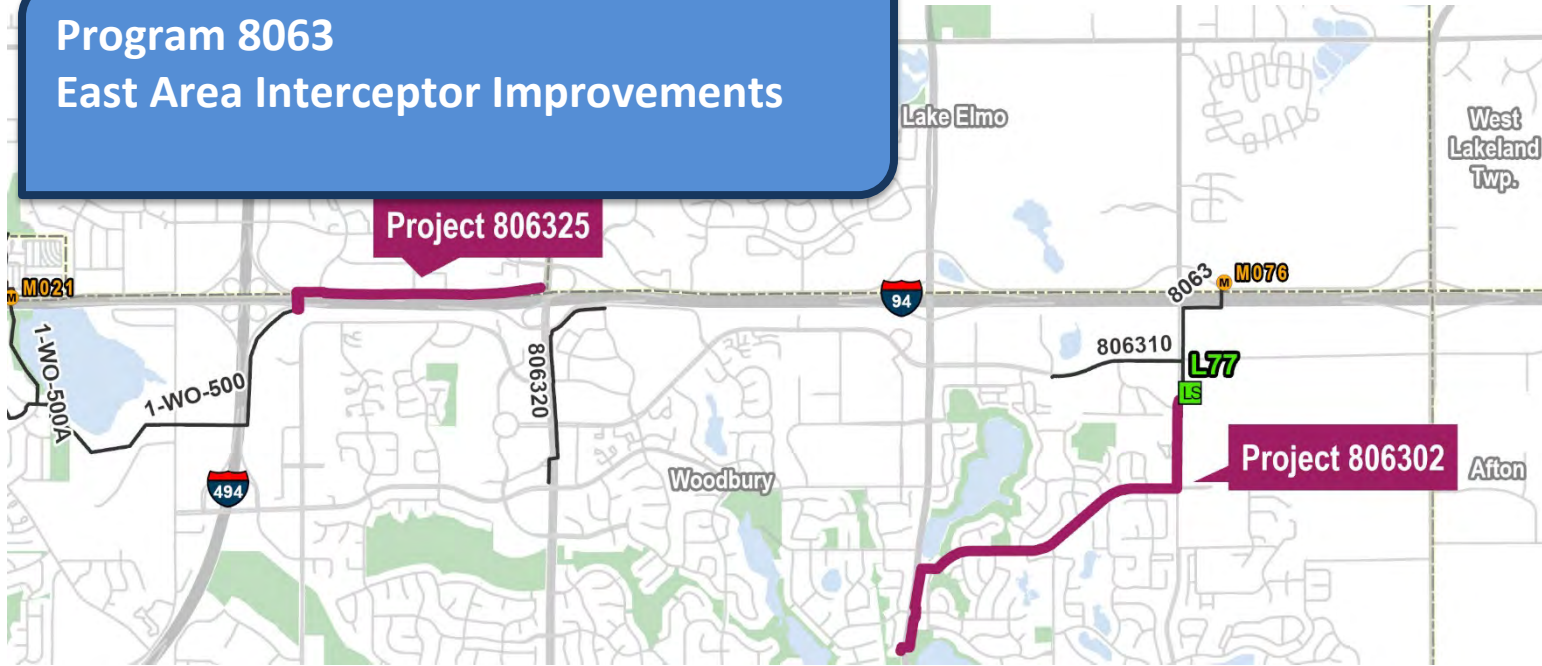


## Program 8063 East Area Interceptor Improvements



### Description:

The interceptor systems in Cottage Grove, Oakdale, Lake Elmo, Woodbury, and other east area communities need rehabilitation and/or replacement as well as expansion to serve additional areas. The Program will rehabilitate existing interceptor facilities, including gravity sewers, force mains, lift stations and meter stations, and analyze the system needs to accommodate regional growth.

### Purpose and Justification:

The Program provides for improvements to the Interceptor System that serves the East Area. This includes work needed to serve the City of Lake Elmo, and the Northeast area of Woodbury. This also includes work to improve deteriorating facilities in Woodbury and Cottage Grove.

### Program Location:

The active projects within this program are in the following Council Districts: District # 12

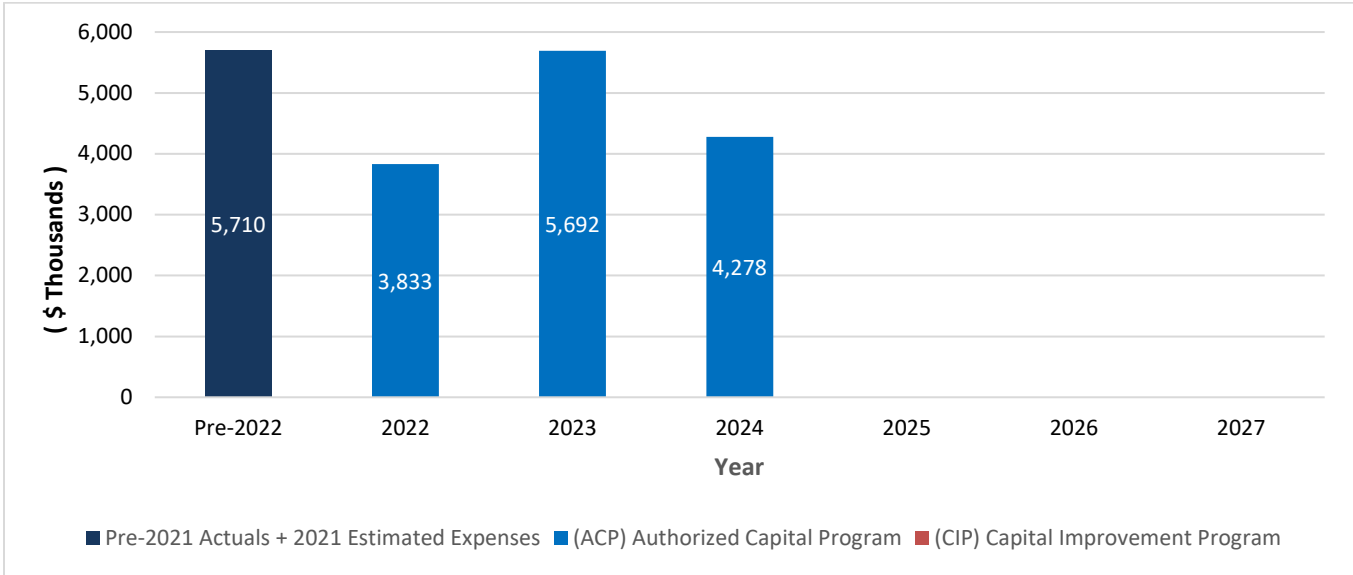
### Active Projects in Program:

Project Number	Project Title
806301	East Area Interceptor Improvements (Parent Project)
806302	L77 Improvements
806325	Lake Elmo West Connection/I94 Crossing
806335	Woodbury Interceptor 9701 Rehabilitation

## MCES 2022 – 2027 Capital Program:

<b>Authorized Capital Program (ACP)</b> \$19,563,000	<b>Capital Improvement Plan (CIP)</b> \$0
---	--

## Estimated Program Cash Flow 2022 - 2027:

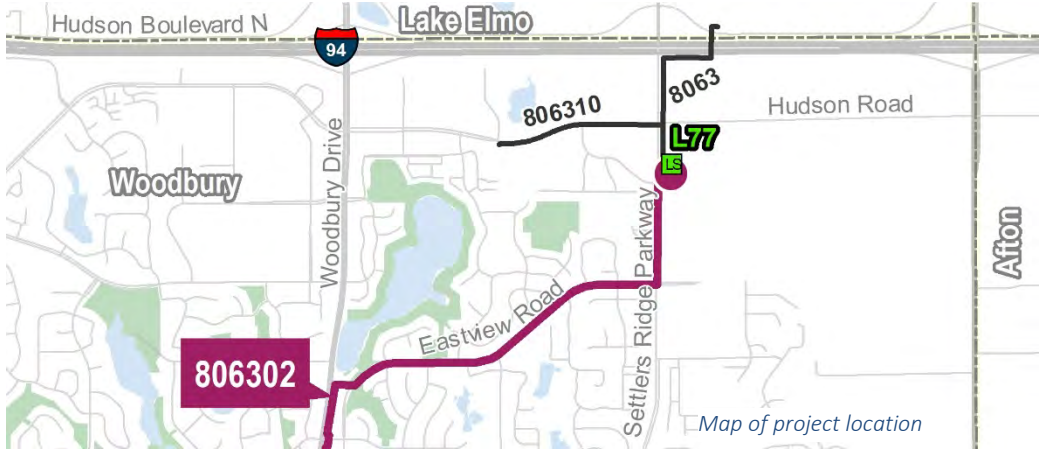


Note: The ACP is the total amount of all past and present authorizations including Pre-2022 Expenses.

Program Family: 8063  
Project # 806302

# Lift Station L77 Improvements

Project Location:  
Council District 12  
City of Woodbury



<b>PROJECT TYPE:</b>	Interceptor
<b>OBJECTIVES:</b>	Expansion
<b>CUSTOMER LEVEL OF SERVICE:</b>	Meet Capacity Needs
<b>SCOPE:</b>	Expand L77 lift station and connect to larger forcemain
<b>PROJECT NEED:</b>	This expansion was planned with the construction of the L77 lift station and is driven by development in eastern Woodbury and Lake Elmo.

## PROJECT SCHEDULE



## FINANCIAL ANALYSIS

2022 Cash Flow \$1,000,000	Current ACP \$1,060,000	2022 – 2027 Cash Flow \$1,000,000	Total Project Cost \$1,060,000
-------------------------------	----------------------------	--------------------------------------	-----------------------------------

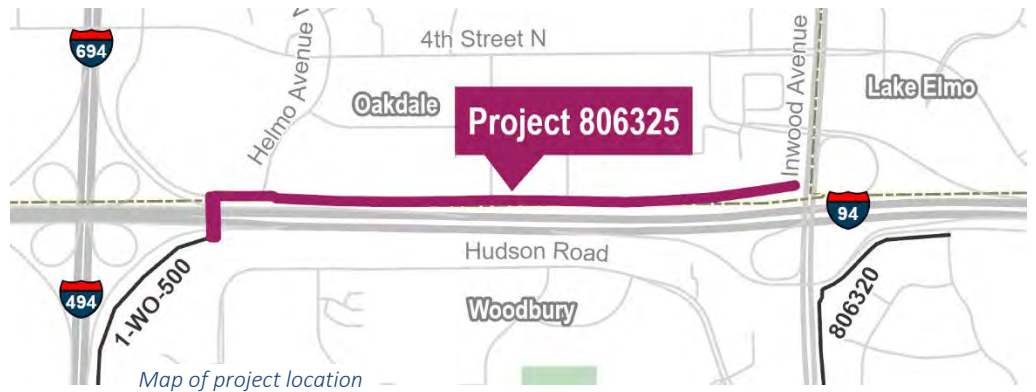
Program Family: 8063  
Project # 806325

## South Washington County Interceptor Improvements

Project Location:

Council District # 12

Cities of Lake Elmo and Woodbury



<b>PROJECT TYPE:</b>	Interceptor
<b>OBJECTIVES:</b>	Expansion
<b>CUSTOMER LEVEL OF SERVICE:</b>	Meet Capacity Needs
<b>SCOPE:</b>	Provide regional sewer service to southwestern Lake Elmo through a gravity interceptor extension from 1-WO-500. Includes the upgrade of an existing interceptor sewer crossing I-94 to accommodate current and future growth in the service area.
<b>PROJECT NEED:</b>	This project will provide interceptor facilities to convey wastewater from southwestern Lake Elmo and eastern Oakdale to the Metro WWTP in St Paul. The project is needed to support growth in this eastern portion of the metropolitan area.

### PROJECT SCHEDULE



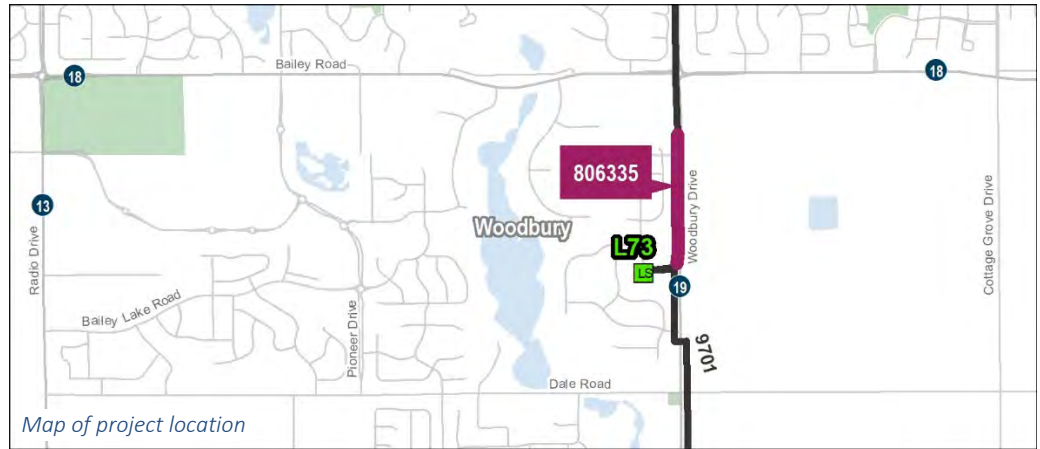
### FINANCIAL ANALYSIS

<b>2022 Cash Flow</b>	<b>Current ACP</b>	<b>2022 – 2027 Cash Flow</b>	<b>Total Project Cost</b>
\$1,633,000	\$11,984,000	\$11,203,000	\$11,984,000

Program Family: 8063  
Project # 806335

## Woodbury Interceptor 9701 Rehabilitation

Project Location:  
Council District # 12  
City of Woodbury



<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, Coordinate with Others and Preserve Assets
<b>SCOPE:</b>	Grouting behind between the interceptor pipe and host tunnel liner. Repair cracked pipe sections
<b>PROJECT NEED:</b>	Inspections of the interceptor segment have discovered several cracks, offset joints, and missing backfill grout. The unbalanced loadings to the interceptor pipe have created pipe fractures. These defects provide a pathway for groundwater to enter the interceptor and indicate a potential risk of structural failure for the interceptor.

### PROJECT SCHEDULE



### FINANCIAL ANALYSIS

2022 Cash Flow	Current ACP	2022 – 2027 Cash Flow	Total Project Cost
\$1,000,000	\$5,918,000	\$1,000,000	\$5,918,000