

**Program 8083
Waconia Lift Station / Forcemain
Rehabilitation**



Contractor installing interim conveyance near the micro-tunnel pit on the west side of Carver County Highway 92

Description:

Replacement of the west 9,200' of 7508 is planned as part of Phase 2. The existing 14-inch cast iron pipe would be removed and replaced with 20-inch PVC and HDPE pipe. The existing route would be followed through Lake Waconia Park and in TH 5 right-of-way. A micro tunnel crossing of CR 92 is necessary.

Purpose and Justification:

Forcemain 7508 is over 40 years old and near the end of its planned service life. It is one of two parallel forcemains from L70. 7508 is being replaced due to age and to provide future capacity.

Program Location:

The active projects within this program are in the following Council Districts: District # 4

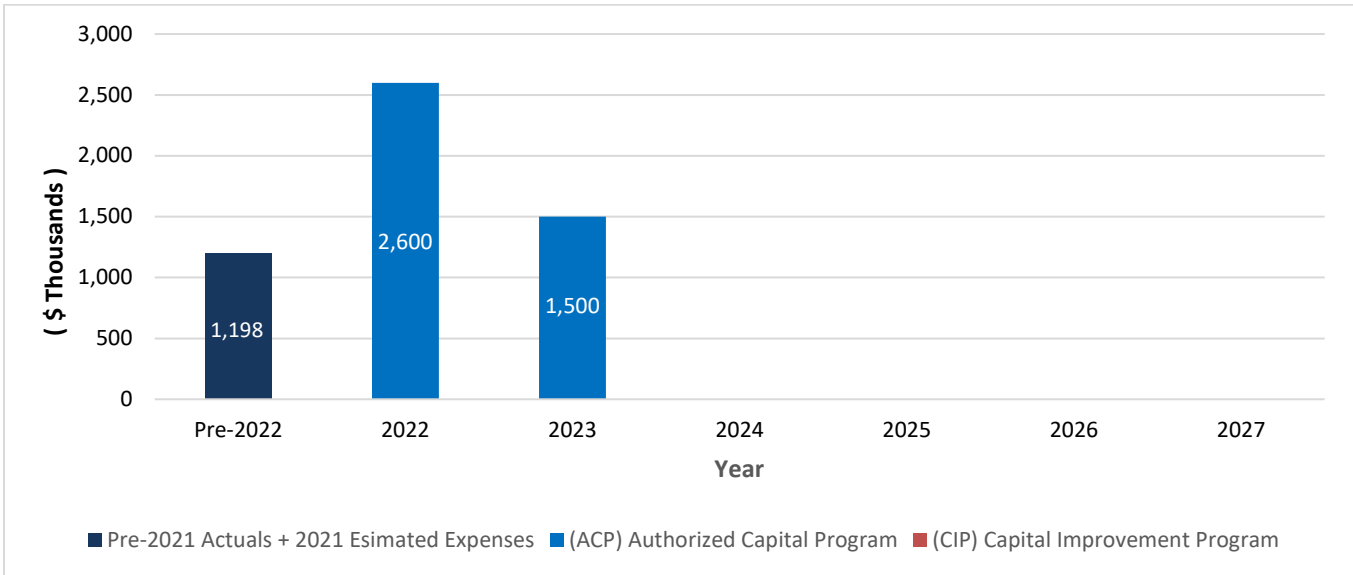
Active Projects in Program:

Project Number	Project Title
808300	Waconia Lift Station / Forcemain Rehabilitation (Parent Project)
808330	Waconia Forcemain 7508 Phase 3 West (included with 808200)

MCES 2022 – 2027 Capital Program:

Authorized Capital Program (ACP) \$5,298,000	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: 8083
 Project # 808320 &
 # 808330

Waconia Forcemain 7508 Phase 2 & 3 Replacement

Project Location:
 Council District # 4
 City of Waconia and
 Laketown Township
 Blue Lake WWTP



Contractor moving temporary conveyance piping

PROJECT TYPE:	Interceptor Improvements
OBJECTIVES:	Preservation and Expansion
CUSTOMER LEVEL OF SERVICE:	Comply with Permits, Minimize Impacts, Be A Good Neighbor, Meet Capacity Needs, Communicate Information, Engage Customers Coordinate with Others
SCOPE:	Replace 9,000' of Interceptor Forcemain 7508.
PROJECT NEED:	Forcemain 7508 is over 40 years old and near the end of its planned service life. It is one of two parallel forcemains from L70. 7508 is being replaced due to age and to provide future capacity.

PROJECT SCHEDULE



FINANCIAL ANALYSIS

2022 Cash Flow \$1,600,000	Current ACP \$2,200,000	2022 – 2027 Cash Flow \$2,100,000	Total Project Cost \$2,200,000
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MCES Project 808320

