

## Program 8083 – Waconia Lift Station/Forcemain Rehabilitation



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

### Description

Replacement of the west 9,000 feet of 7508 was completed under the Phase 2 #808320 project. The existing 14-inch cast iron pipe was replaced with 20-inch PVC and HDPE pipe. Replacement of the east 2,000 feet of 7508 is planned as the Phase 3 #808330 project.

### Purpose and justification

Forcemain 7508 is over forty 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 district: 4

### Active projects in program

| Project Number | Project Title  |
|----------------|--|
| 808300         | Waconia Lift Station / Forcemain Rehabilitation (Parent Project) |
| 808330         | Waconia Forcemain 7508 Phase 3 Replacement                       |

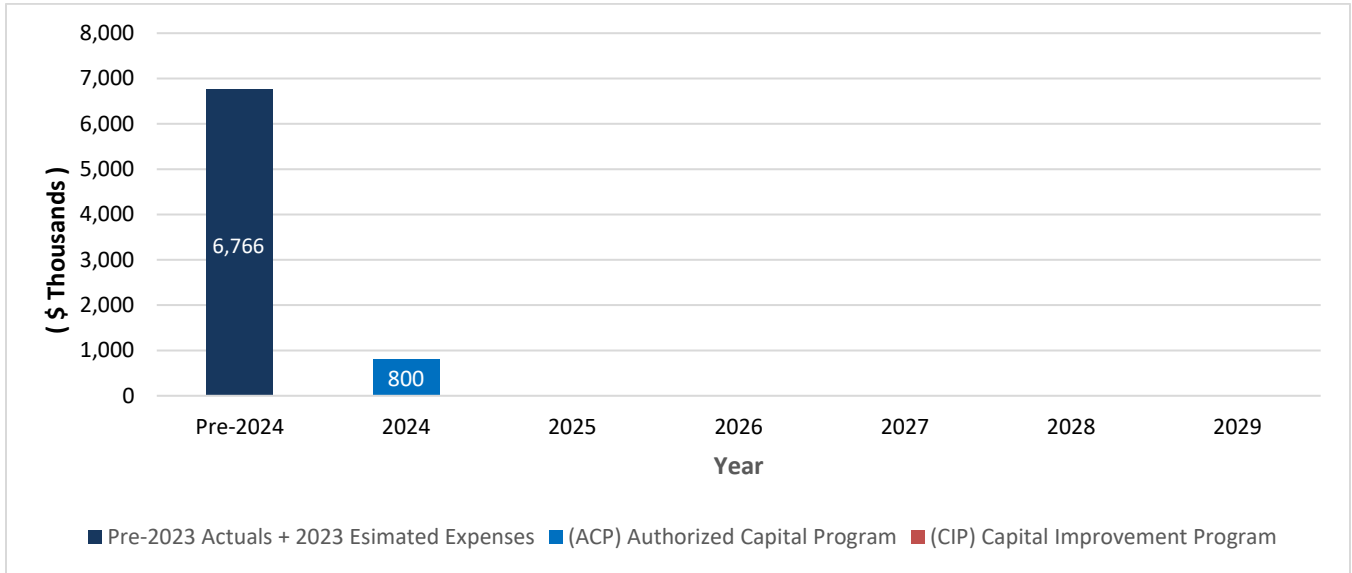
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### Environmental Services 2024 through 2029 Capital Program

- Authorized Capital Program (ACP): \$5,766,312
- Capital Improvement Plan (CIP): \$0

### Estimated program cash flow from 2024 through 2029

Note: the ACP is the total amount of all past and present authorizations including pre-2024 expenses.



**Waconia Forcemain 7508 Phase 3 Replacement**  
Program family 8083

**Project #808330**

Project location: Council district #4, Cities of Waconia and Victoria and Laketown Township



Map of project #808330 location along Highway 5 southwest of Steiger Lake

**Project type**

Interceptor Improvements

**Objectives**

Asset Preservation, System Expansion, and Quality Improvements

**Scope**

Replace 2,000 feet 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:**



Planning: 2016



Design: 2017 through 2018



Construction: 2023

**Financial analysis**

|                              |             |
|------------------------------|-------------|
| 2024 cash flow:              | \$700,000   |
| Current ACP:                 | \$2,555,000 |
| 2024 through 2029 cash flow: | \$700,000   |
| Total project cost:          | \$2,555,000 |