

# Golden Valley Area Improvements: Program 8057

## Description:

This project consists of interceptor capacity relief for Golden Valley-St. Louis Park area. A new lift station and forcemain were constructed to convey wastewater to the existing Plymouth Forcemain, which has available capacity. In addition to Golden Valley, and St. Louis Park, the project includes rehabilitation in the system's interceptors and lift stations in New Hope, Plymouth, and Medicine Lake.

## Purpose and Justification:

Additional capacity is needed to serve Golden Valley-St. Louis Park area near I-394 and STH 100, as this area re-develops. Inspections have also identified several pipe segments along interceptor 1-GV-460 and 1-GV-461 with condition rating 5. Condition rating 5 characterizes pipe sections that show the most significant deterioration. Video inspection in this area indicates significant hydrogen sulfide and age-related damage to the Reinforced Concrete Pipe (RCP). The damage is extensive and steel reinforcement is visible and/or missing in several locations. Additionally, several areas of settlement have been indicated which can cause a blockage in the pipe.

