Brooklyn Park LS/FM Improvements: Program 8079

Description:
This project will provide two new forcemain pipes from L32 in Brooklyn Park to existing pipes in Fridley via a river crossing. Improvements to the lift station and rehabilitation of the existing forcemain pipes and downstream gravity sewers are also included. Land acquisition for the site of a future re-located lift station was also included in this project.

Purpose and Justification:
On June 21, 2012 a forcemain break was reported on the MSB 69U1 forcemain (Lift Station L32) river crossing. Through a declared emergency, a contractor was mobilized to the site to repair the break. Examination of the failed pipe reveals that the failure occurred as a result of pipe wall erosion caused by continuous scoring by gravel and sand trapped and unable to make it up the incline (insufficient flow velocity).

Two new forcemain pipes have been constructed. The two existing forcemain pipes will be rehabilitated.