Blue Lake System Improvements: Program 8028

**Description:**
This project provides improvements to meet the long-term conveyance capacity, reliability, and rehabilitation/replacement needs of the Blue Lake Interceptor System. This system includes gravity sewers, 29 lift stations, and single forcemains from each lift station. Where cost effective, such as in the Victoria area, some lift stations have been replaced by deep gravity sewers using tunnel construction methods. In some cases, small lift stations will be consolidated. The remaining lift stations will be rehabilitated and/or replaced as necessary. Single forcemains will be upgraded to dual forcemains where criteria supports this strategy. Gravity sewers will be rehabilitated as necessary. River crossings (Chaska-Shakopee and Eden Prairie-Shakopee) will be inspected and rehabilitated as necessary. The major project areas are Victoria, Excelsior, Mound, and Wayzata, and the gravity sewers in Chanhassen, Eden Prairie, Minnetonka, Prior Lake, and Shakopee.

**Purpose and Justification:**
Evaluation of the Blue Lake Area Interceptor System indicates that the existing facilities cannot convey all of the wastewater that will ultimately be generated from within the Blue Lake sewer shed. In addition, many of the sewers, lift stations, and associated forcemains need to be rehabilitated to ensure system reliability and to address odor and corrosion control.