



East Calvary Watermain Loop Replacement Project Highlights

Construction: Late 2018/2019 through Summer

- **Water Service Improvements:**
 - Currently, pipes are installed on piers in peat. The new pipes will be HDPE and be installed below the peat in sand layers.
 - New valves will be installed at the pump station on Kolstad/East Calvary.
 - Project goal is reduce the “lost” water that the City experiences annually from what is metered from the City of Duluth and what is billed to customers.
 - Homes will receive new water services of similar size.
 - The City will require temporary or permanent easements from many property owners. You will be contacted shortly regarding the specific need from each property. These are shown on the large exhibit board.
- **Funding:**
 - Project received direct appropriation funds in 2014 and has been on the intended use plan for revolving fund grants/loans.
 - Revolving fund loans and grants are expected to be substantial and will reduce the City’s cost to complete the project.
 - The City is also pursuing a grant from the Minnesota DOT for the reconstruction work on Chicago Avenue. This work is being done at this time because of the impact of the water project.
 - No assessment of project costs is expected for this project.
- **Chicago Avenue Reconstruction:**
 - Street will be widened to 22 feet, with curb and gutter.
 - Reductions to vertical street grades are expected.
 - Culvertized drainage flow will replace ditches.
 - Paved street (asphalt) up to Ewing Avenue.
- **Traffic:**
 - Project will require shutdowns of roads periodically including Milwaukee, Kolstad, Austin, Mather and Chicago. Minimal impact is expected on East Calvary as a part of this project. Detours will be posted, but some limited access for residents is to be expected.
 - St. Louis County also has plans to do work on Woodland Avenue, which will be using Kolstad as a detour route.
 - The City has been working with the County to schedule work around that project.