

CITY OF LONG LAKE

Street & Utility Reconstruction Project



Project Information

The City of Long Lake is seeking state bonding funds to reconstruct the utilities and streets for Grand Avenue and adjacent streets. Grand Avenue serves as a connection in the south part of the City to County Road 146 (Brown Road). The sanitary sewer and water main were constructed in 1963. The sanitary sewer is vitrified clay pipe (VCP); increased inflow and infiltration is common with VCP, increasing costs for wastewater treatment facilities. Excessive flow can and does result in sewer overflows into nearby lakes and rivers. The water-main is cast iron pipe (CIP) which is brittle and results in water main breaks, which are persistent in this neighborhood putting cost and logistical strain on the community.

Both the VCP and CIP materials are no longer recommended for construction due to these issues. There is no existing storm sewer in the Grand Avenue neighborhood. Constructing a storm sewer system can drastically increase the water quality of nearby lakes by preventing runoff from yards that can carry damaging chemicals. The road section is key to proper drainage and serviceability of the streets. Constructing roads in Long Lake is costly due to the clay subgrade which has a higher risk to swelling from frost, developing potholes, and damaging road surfaces. When constructed with modern corrections, pavement has been lasting longer.

Current Conditions



Project Cost

Long Lake is requesting funds for all phases of a complete utility and street reconstruction. From Preliminary Design through Construction Closeout. The City has approximately \$500,000 in available pavement management funds to contribute alongside a \$11,700,000 ask in state bonding funds.

Street Reconstruction

\$3.8M

Water main Replacement

\$2.2M

Sanitary Sewer Rehabilitation

\$3.0M

Storm Sewer Improvements

\$2.7M

\$11.7M Total Requested