

Street & Utility Improvements PROJECT OVERVIEW

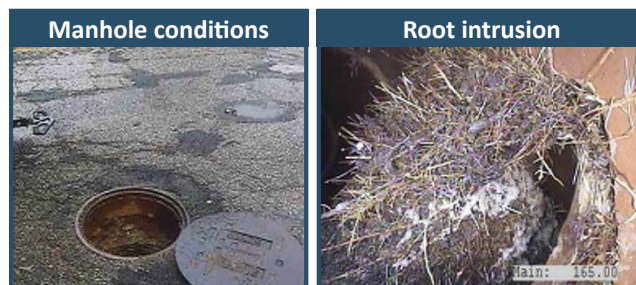


PROJECT OVERVIEW

Several streets and utilities in the City of Howard Lake are at the end of their expected life cycle. The Street and Utility Improvements Project will focus on street and utility improvements, include the design and construction of streets, sanitary sewer, water distribution and storm sewer systems.

CURRENT CONDITIONS

The **streets** within the project areas have failed or are beyond reasonable repair, requiring complete reconstruction. The **sanitary sewer system** was installed 75 years ago and is experiencing pipe deteriorations such as cracks, failed pipes, infiltrations and root intrusion. The **water distribution system** is beyond its design life and some mains are undersized for current demands. The materials that compose the water mains are mostly cast iron pipe, approaching 60 years old. Similarly, most of the **storm sewer system** is at least 50 years old.



PROJECT NEED AND DETAILS

Safety and reliability are the primary reasons these improvements are needed. Aging infrastructure is susceptible to system failures, service interruptions, exposure to contaminants in drinking water and unsafe driving conditions.

The project will undergo Open Cut Construction. This includes replacing existing water, sanitary sewer and storm sewer systems within the street right-of way underground using heavy equipment. Upon completion, full street reconstruction will take place. This involves, road sub grade, aggregate base, bituminous pavement and replacement of curbs, gutters and existing sidewalks.

WHAT TO EXPECT DURING A FULL STREET RECONSTRUCTION

Construction is a key element in creating safe, sustainable and beautiful communities. While there are many different types of construction projects, one cornerstone to maintaining city infrastructure is the full street reconstruction. This involves replacing underground utilities such as watermain, storm sewer and sanitary sewer, as well as the gravel roadway base, curb, driveways, pavement and in some cases, sidewalks. Each full street reconstruction is unique and there are certain processes and methods that can be expected for each project. As a resident, you can expect the following process:

1. Install erosion control measures
2. Remove pavement
3. Replace underground utilities
4. Roadway excavation
5. Place new roadway base
6. Install curb, driveways, and sidewalks, if included
7. Pave (which can typically include more than one layer)
8. Turf establishment
9. Install roadway striping and signage

Contractors typically work from 7 a.m. to 7 p.m. Monday through Friday, with some Saturdays depending on the project. During these working days, there will be noise, mud, dirt piles, dust and other construction-related activities. While it isn't possible to mitigate all of these issues, the contractor will try to limit these disturbances as much as possible, including spraying the road to control dust and filling in and grading muddy areas.

Scan Me!



PROJECT INFORMATION

Project Website

For more information on the project or to sign up for project updates as they become available, visit:

<https://clients.bolton-menk.com/howardlake>

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Street and Utility Improvements SCHEDULE AND PROJECT AREA

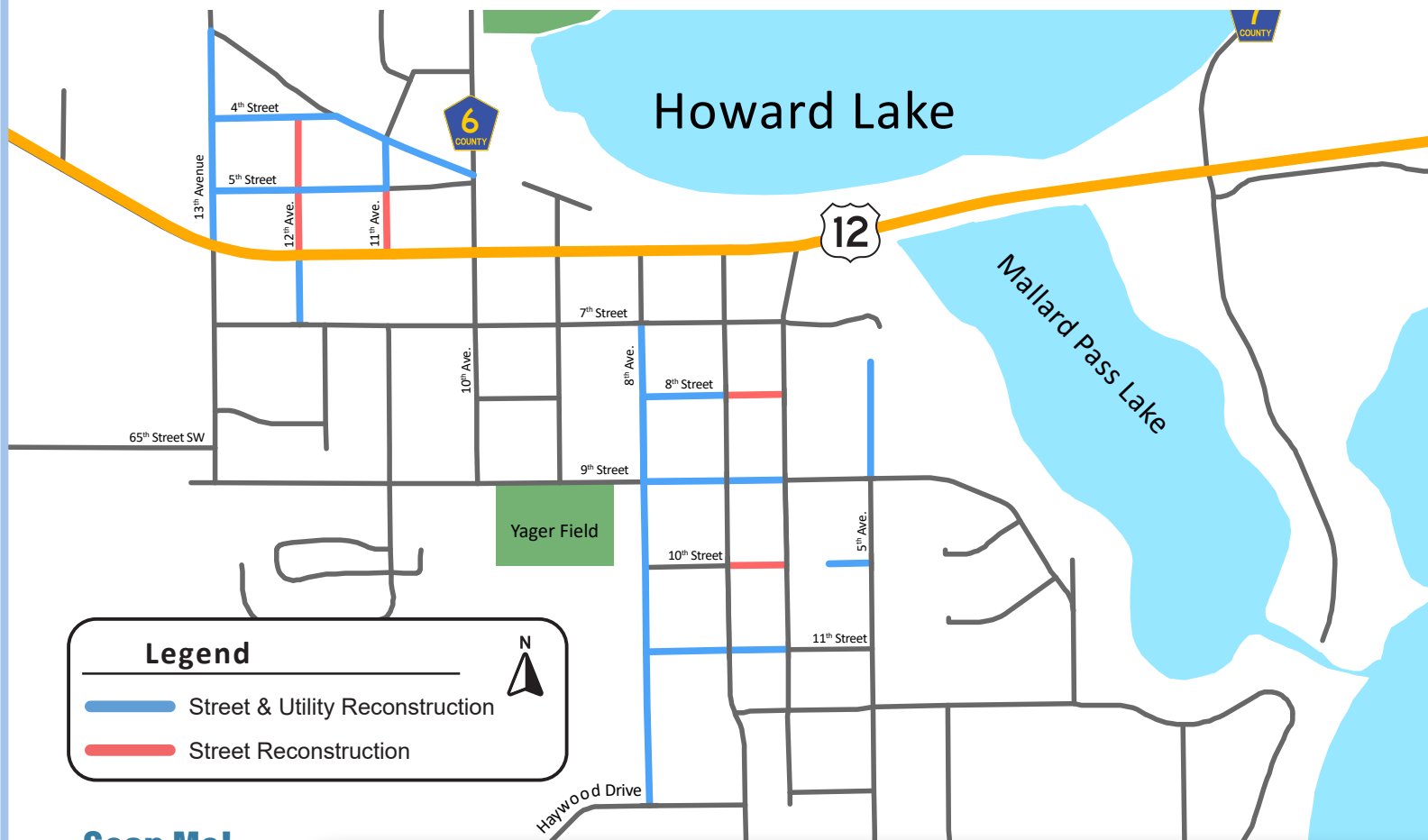


STREET AND UTILITY IMPROVEMENTS SCHEDULE

The design of the street and utility improvements will be completed near September 2023. Construction bidding is anticipated to begin near October 2023, with final completion by Summer 2026. See the project map below for details and locations of street and utility construction.



PROJECT AREA MAP



Legend

- Street & Utility Reconstruction
- Street Reconstruction

Includes a north arrow pointing upwards.



CITY OF HOWARD LAKE CONTACTS

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