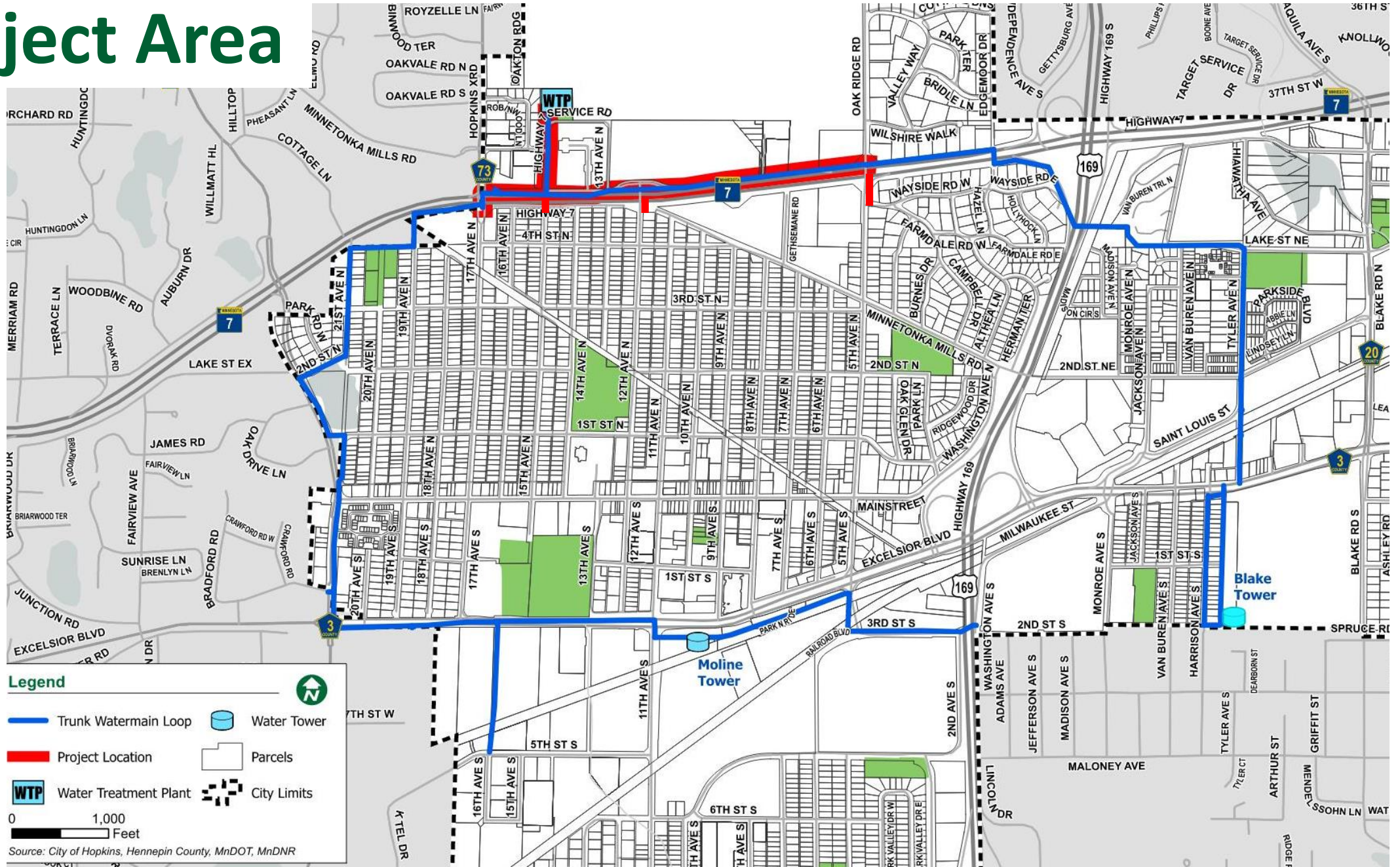


Public Open House 2022 Trunk Watermain Improvements

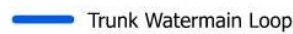




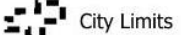
City of Hopkins
January 5, 2022



Project Area



Legend

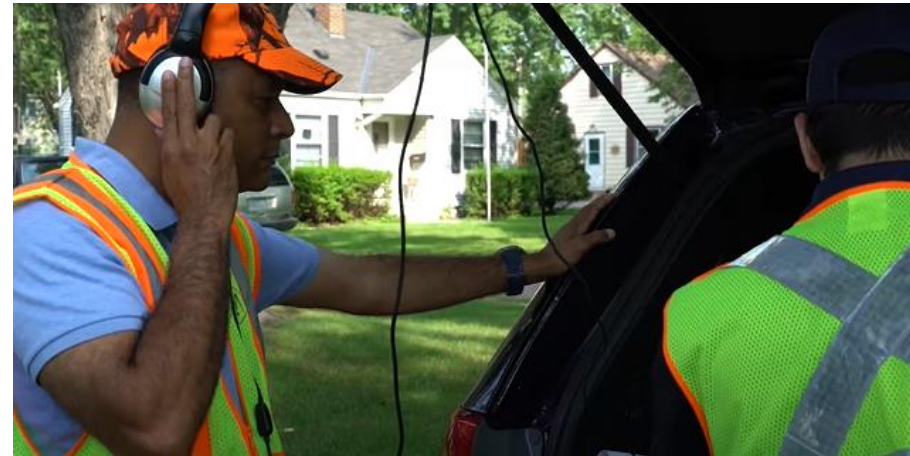
-  Trunk Watermain Loop
-  Project Location
-  Water Treatment Plant
-  Water Tower
-  Parcels
-  City Limits

0 1,000 Feet

Source: City of Hopkins, Hennepin County, MnDOT, MnDNR



2016 Watermain Condition Analysis



Segment	Site/Street	Distance (ft)	Pipe Material	Internal Diameter (in)	Nominal Thickness (in)	Remaining Thickness (in)	% Change from Nominal
1	Robinwood Ln	483	CI	16	0.63	0.61	-3%
2	Robinwood Ln	424	CI	16	0.63	0.56	-11%
3	North Service Rd	502	CI	16	0.63	0.62	-2%
4	North Service Rd	666	CI	16	0.63	0.42	-33%
5	North Service Rd	344	CI	16	0.63	0.40	-37%



Watermain Replacement via Open Cut Excavation



Trenchless Rehabilitation: CIPP Lining



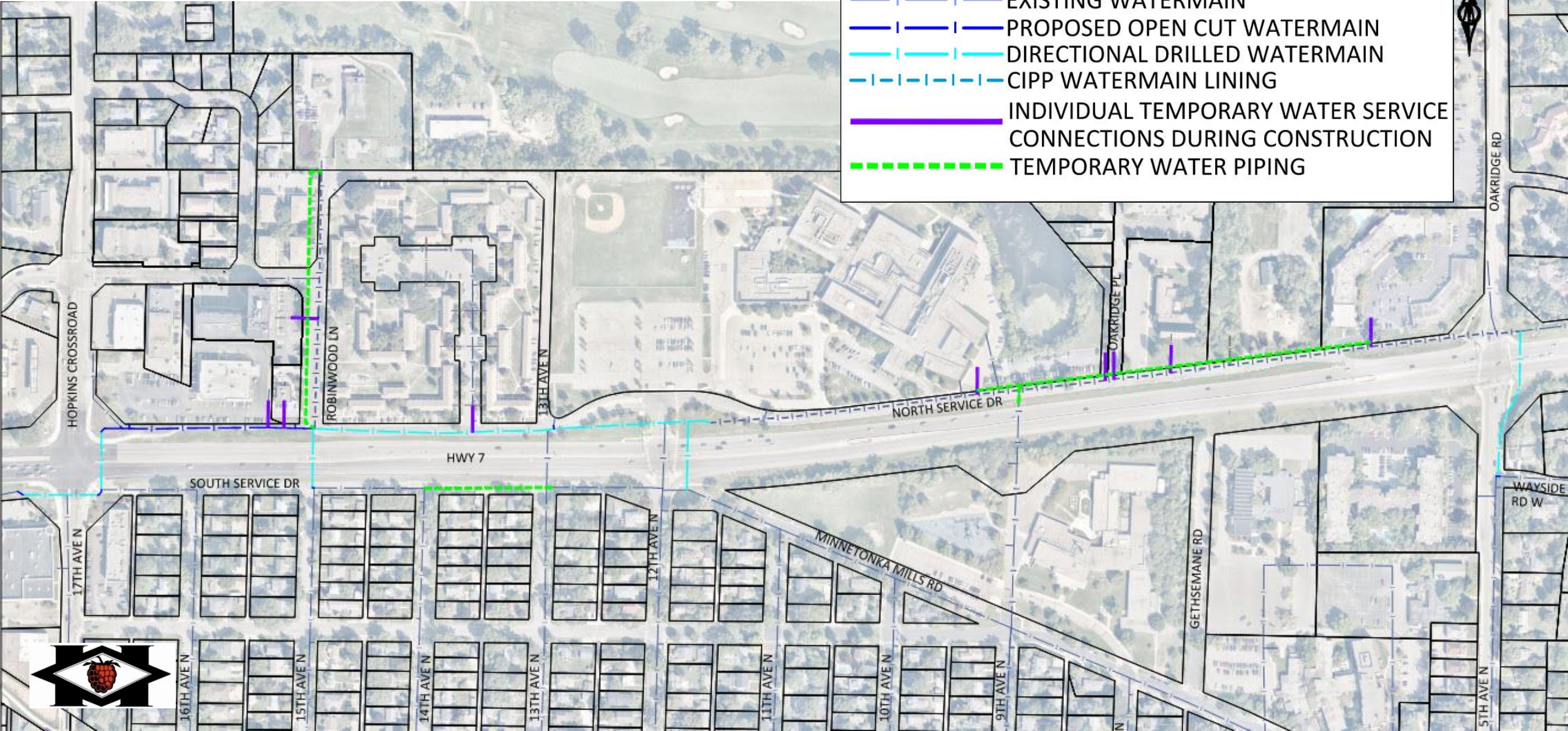
Trenchless Replacement: Horizontal Directional Drilling



Proposed Improvements

LEGEND

- EXISTING WATERMAIN
- PROPOSED OPEN CUT WATERMAIN
- DIRECTIONAL DRILLED WATERMAIN
- CIPP WATERMAIN LINING
- INDIVIDUAL TEMPORARY WATER SERVICE CONNECTIONS DURING CONSTRUCTION
- TEMPORARY WATER PIPING

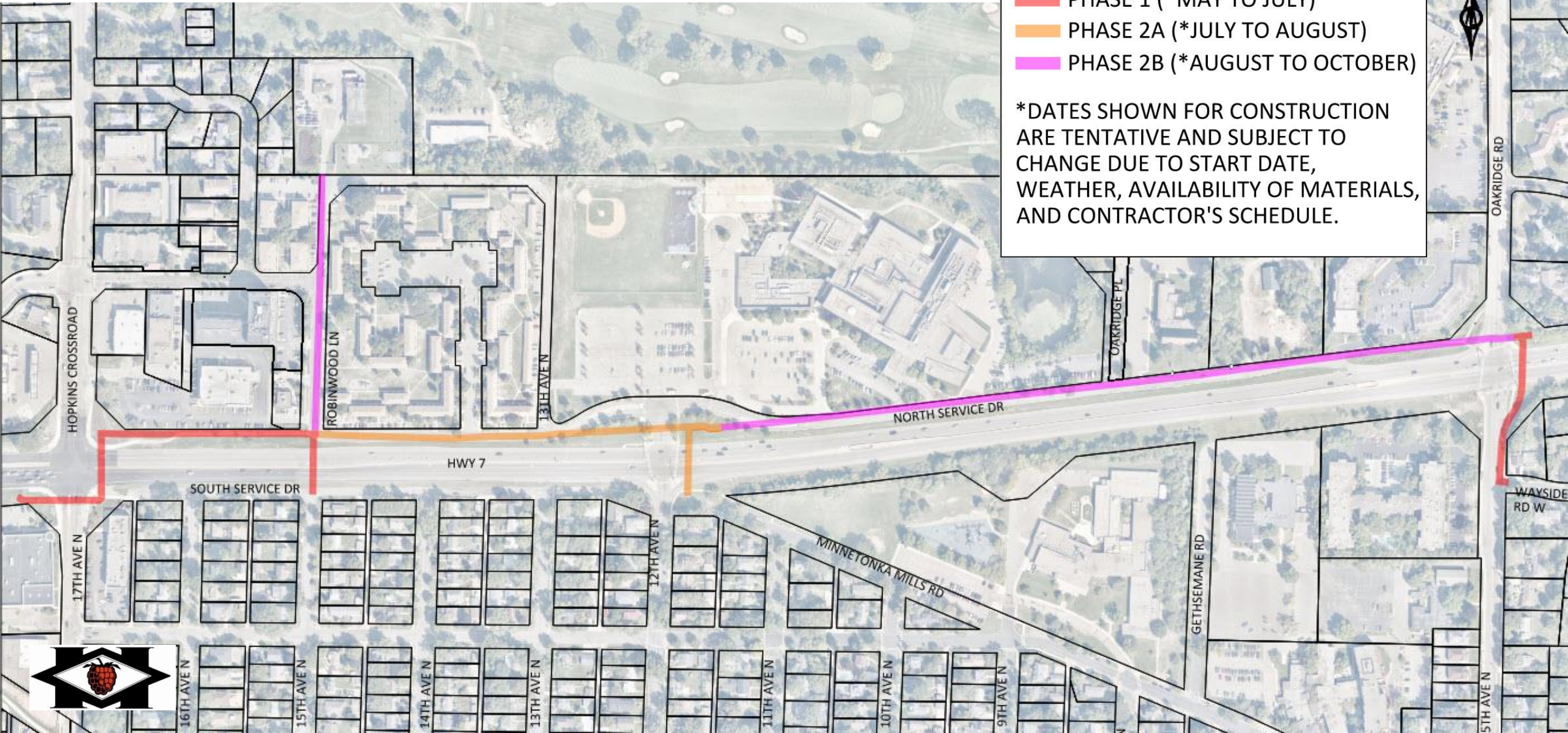


Construction Phasing

LEGEND

- PHASE 1 (*MAY TO JULY)
- PHASE 2A (*JULY TO AUGUST)
- PHASE 2B (*AUGUST TO OCTOBER)

*DATES SHOWN FOR CONSTRUCTION ARE TENTATIVE AND SUBJECT TO CHANGE DUE TO START DATE, WEATHER, AVAILABILITY OF MATERIALS, AND CONTRACTOR'S SCHEDULE.



Construction Process

- Contractor Typical Scheduling for Each Phase
 - Set up and Removals – 1 week
 - Utility Work – 4 to 8 weeks
 - Varies significantly by Phase with Phase 2A being the shortest and Phase 1 being the longest
 - Restoration – 3 weeks
 - Total duration for each Phase – 8 to 12 weeks w/ overlap between phases
- Temporary Water Shutdowns
 - Notices delivered to affected properties 24 to 48 hours in advance of a 4 to 8 hour long shutdown
 - Temporary water system to be installed to maintain service during construction
- Temporary Access Restrictions
 - Temporary water lines
 - Excavation pits
 - Concrete driveway aprons



Project Communication

Bolton & Menk Project Website

www.Hopkins-TrunkWatermain.com



Real People. Real Solutions.

Email Updates

To sign up for updates or to access your subscriber preferences, please enter your contact information below.

Subscription Type

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Your contact information is used to deliver requested updates or to access your subscriber preferences.

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CITY OF HOPKINS - 2022 TRUNK WATER MAIN IMPROVEMENTS

[PROJECT SUMMARY](#) [PROJECT SCHEDULE](#) [PROJECT DOCUMENTS](#) [CONSTRUCTION UPDATES](#)



WHAT IS THE SCOPE OF THE PROJECT?

The project involves trunk watermain replacement and rehabilitation along MN Highway 7, North Service Drive, and Robinwood Lane up to the City's Water Treatment Plant. Improvements to the MN Highway 7 watermain crossings at 17th Ave N, 15th Ave N, 12th Ave N, and 5th Ave N are also proposed with the project.

A map of the project area is shown below. The project will be constructed over the summer of 2022 by the city's contractor.

Click the image to enlarge.



NEIGHBORHOOD MEETING

Please join us for a neighborhood meeting on January 5th at 5:30 p.m. If you wish to attend online, [click here to register](#).

SIGN UP TO RECEIVE UPDATES

[Click to subscribe](#)



Bolton-Menk.com



Project Schedule & Estimated Costs

January 5 – Public Open House

January 31 – City Council Meeting

- Council approves final plans and authorizes bidding

March 4 – Bid Opening

March 15 – City Council Meeting

- Council awards contract

May to October – Construction

Total Estimated Project Cost = \$4 Million

- Utility Maintenance Project - No special assessments to property owners



Project Contacts

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Eric Klingbeil, P.E. – Hopkins City Engineer

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Thank You!

Any Questions?

Nick Amatuccio, PE
Project Engineer

Eric Klingbeil, PE
City Engineer



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