



**Forest Lake**

AS GOOD AS IT SOUNDS

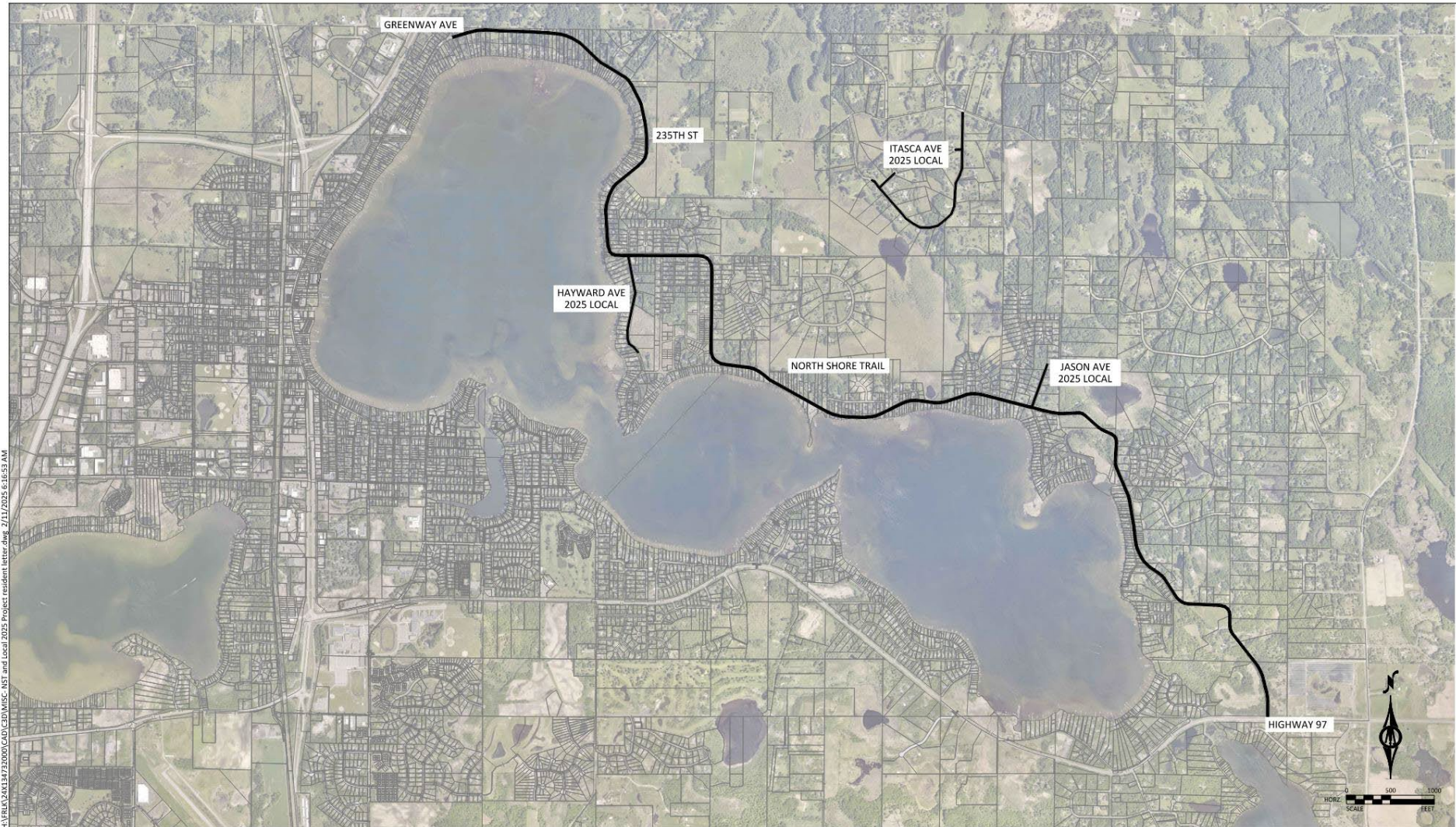
North Shore Trail  
And  
2025 Local Street Maintenance Project

February 18, 2025

# Project Location

**North Shore Trail and 2025 Local Street Maintenance Project**  
City of Forest Lake, Minnesota

Location Map  **Forest Lake**  
February 2025 AS GOOD AS IT SOUNDS



# Project Scope

- ▶ Remove and Replace Storm Sewer
- ▶ Sanitary Sewer Repairs along with Installation of a New Force Main for LS 4T
- ▶ Improve Drainage Where Necessary By Installing Concrete Curb and Gutter
- ▶ Remove And Replace Damaged Curb (Itasca Ave Streets Only)
- ▶ Mill, Reclaim, Grade, and Pave a New Bituminous Surface
- ▶ Striping and New Signage

# Not In Project Scope

- ▶ Driveway Culvert Removal and Replacement
- ▶ Ditch Grading
- ▶ Pedestrian Facilities (Pathways/Sidewalks)

# Existing Conditions



- ▶ 30' Overall Pavement Width
- ▶ 2 - 12' Driving Lanes
- ▶ 2- 3' Paved Shoulders



# Existing Conditions



# Existing Conditions



Areas Where  
Curb Will  
Need To Be  
Installed

# Existing Conditions



Culverts To  
Remove And  
Replace With  
RCP

# Construction Process Steps

- ▶ 4" - 6" Milling To Reduce The Pavement Thickness For Reclamation  
On North Shore Trail



# Construction Process Steps

- ▶ Pavement Reclamation - Grinding Up The Existing Pavement With The Underlying Aggregate Base to Create A Thicker Aggregate Base Layer



# Construction Process Steps

- Installation Of New Storm Sewer



# Construction Process Steps

- ▶ Force Main Installation (Between 233<sup>rd</sup> St and Hayward Ave)



# Construction Process Steps

Paving of The Base And Wear Bituminous



# Construction Traffic Control

- ▶ Pre-Warning Signage Will Be Installed To Alert Vehicles Of The Construction Project On North Shore Trail.
- ▶ Road Closures Will be Utilized For The Culvert Removal And Replacement And Sanitary Repair Portion Of The Project.
- ▶ Daily Road Closures or Flagging Operations Will Also Be Utilized During The Working Hours To Complete The Street Maintenance Work.
- ▶ Official Detours Will Not Be Set Up Due To The Temporary Nature Of The Closures And The Limited Detour Routes
- ▶ North Shore Trail Will Be Open To Traffic By 7 PM Each Night.
- ▶ Temporary Road Closures Anticipated To Begin The Week Of May 12, 2025

# Items Explored During The Planning Process

- ▶ Geotechnical Work - Pavement/Soil Borings and GPR (Ground Penetrating Radar) Was Completed In The Fall Of 2024.
- ▶ Culverts And Storm Structures - Accurate Sizes And Lengths Of Existing Metal Culverts For Replacement And Condition Of Existing Concrete Culverts Was Collected.
- ▶ Sanitary Manhole Assessments
- ▶ Survey Areas Of Concern For Drainage And New Force Main
- ▶ Phasing Of Project

# Project Timeline



# Project Communications



Scan The QR Code To Signup For  
Weekly Construction Updates Via  
Text or Email

[https://public.govdelivery.com/accounts/MNBOLTONMENK/subscriber/new?topic\\_id=MNBOLTONMENK\\_361](https://public.govdelivery.com/accounts/MNBOLTONMENK/subscriber/new?topic_id=MNBOLTONMENK_361)

A Project Web Site Is In The Works  
And A Link Will Be Provided With  
The First Construction Update

Project Contacts:

Ryan Goodman, P.E.

City Engineer

Cell: 612-597-7140

Email: [Ryan.Goodman@bolton-menk.com](mailto:Ryan.Goodman@bolton-menk.com)

Chad Quigley

Construction Manager

Cell: 651-328-7709

Email: [chad.quigley@bolton-menk.com](mailto:chad.quigley@bolton-menk.com)

# Thank you!

## Any Questions?

Project Contact:

Ryan Goodman, P.E.

City Engineer

Cell: 612-597-7140

Email: Ryan.Goodman@bolton-menk.com



Scan The QR Code To Signup For  
Weekly Construction Updates Via  
Text or Email

[https://public.govdelivery.com/accounts/MNBOLTONMENK/subscriber/new?topic\\_id=MNBOLTONMENK\\_361](https://public.govdelivery.com/accounts/MNBOLTONMENK/subscriber/new?topic_id=MNBOLTONMENK_361)