



**Forest Lake**  
AS GOOD AS IT SOUNDS

## Eureka Avenue Improvements

Open House Meeting

April 15, 2024

# Overview

- ▶ Existing Conditions
- ▶ Project Objectives
- ▶ Agency Partners
- ▶ Funding
- ▶ Design Process
- ▶ Proposed Design
- ▶ Other Design Considerations
- ▶ Project Timeline
- ▶ Questions

# Existing Conditions



- ▶ Restricted Corridor
- ▶ 22-24' Pavement
- ▶ Lake / Wetlands
- ▶ Right-of-Way Constraints
- ▶ DNR Property Ownership

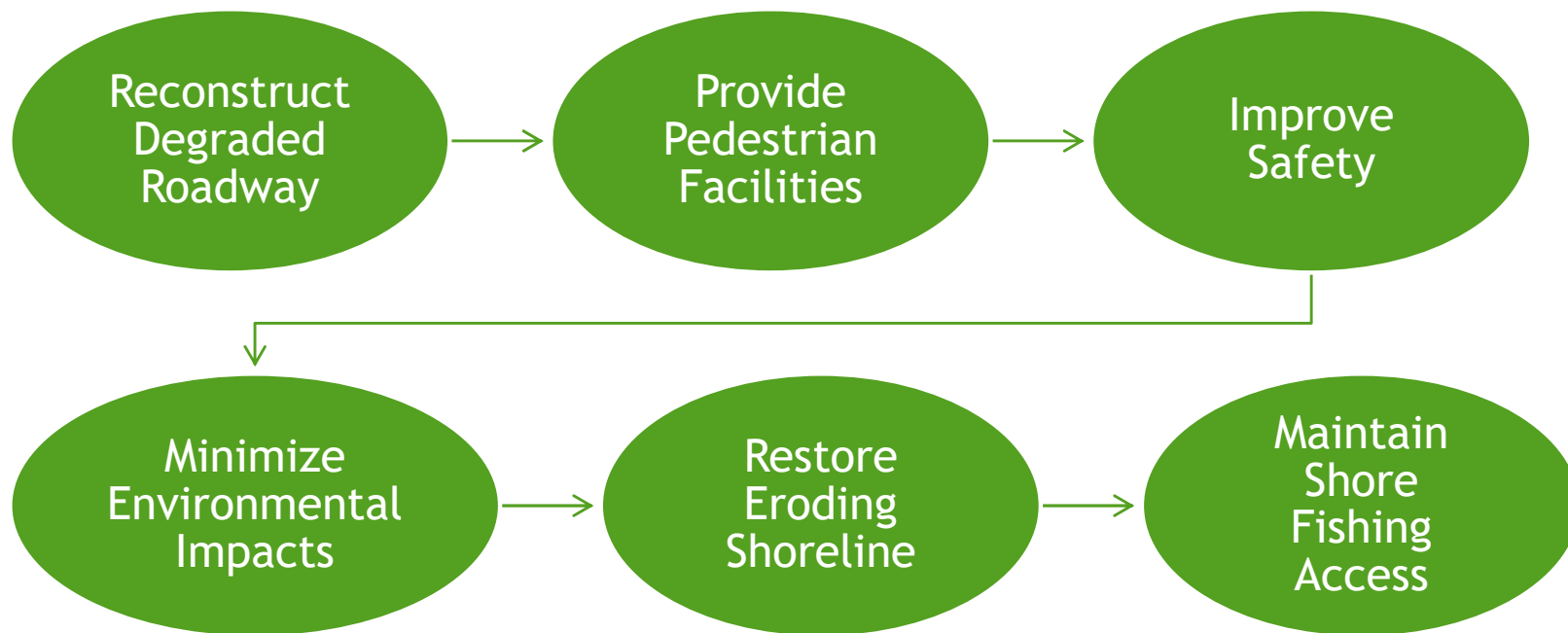


# Existing Conditions



- ▶ Narrow Parking Areas
- ▶ Unsafe for Pedestrians
- ▶ Shore Fishing
- ▶ Lakeshore Erosion

# Project Objectives



# Agency Partners

- ▶ City of Columbus
- ▶ Rice Creek Watershed District (RCWD)
- ▶ Washington Conservation District (WCD)
- ▶ Minnesota Department of Natural Resources (MnDNR)
- ▶ Minnesota Department of Transportation (MnDOT)

# Funding

- ▶ \$4,500,000 Legislative Earmark Grant
  - ▶ Administered by MnDOT State Aid
  - ▶ State Aid Design Standards
  - ▶ Grant Deadline is December 31, 2027
- ▶ Potential Shoreline Restoration Funding from RCWD
- ▶ Potential DNR Grant Funding for Fishing Pier
  - ▶ As a Separate Project

# Design Process

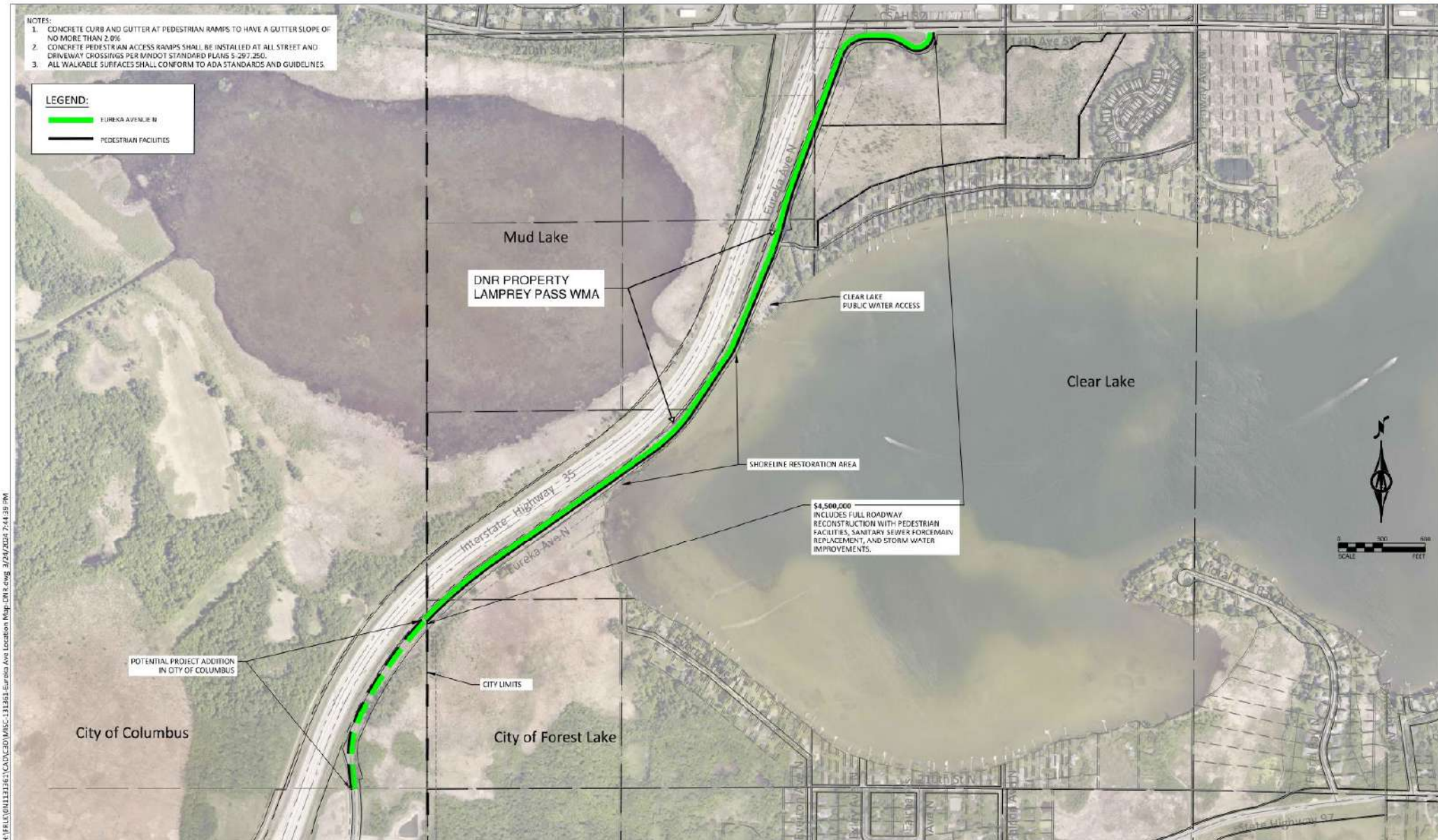
- ▶ Analyzed 6 Preliminary Options
  - ▶ Goal: Maximize Street and Pedestrian Facility Widths while Minimizing Environmental Impacts
- ▶ Reviewed Preferred Option with Agency Partners
- ▶ Refining Proposed Design
- ▶ Public Input
- ▶ Permitting and DNR Road Easement Applications



# Proposed Design - Location

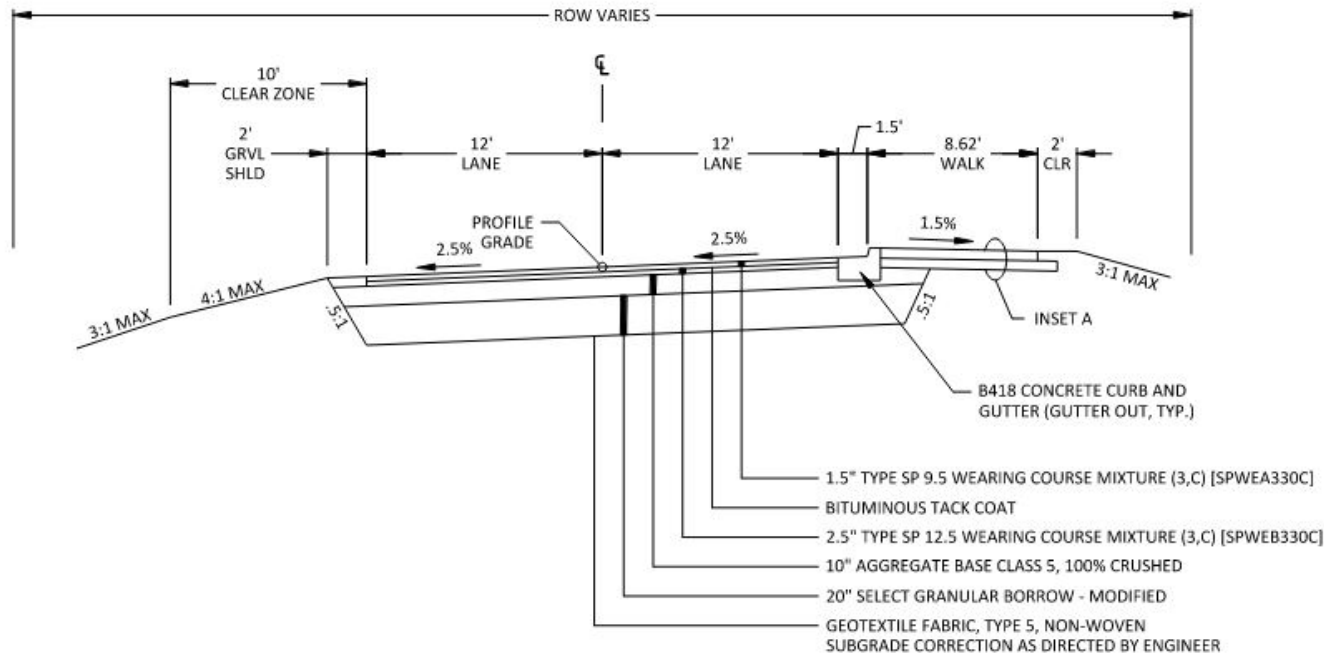
Eureka Avenue Improvements  
City of Forest Lake, Minnesota

Location Map  
March 2024  
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# Proposed Design - Typical Section



EUREKA AVENUE N  
PROPOSED TYPICAL SECTION



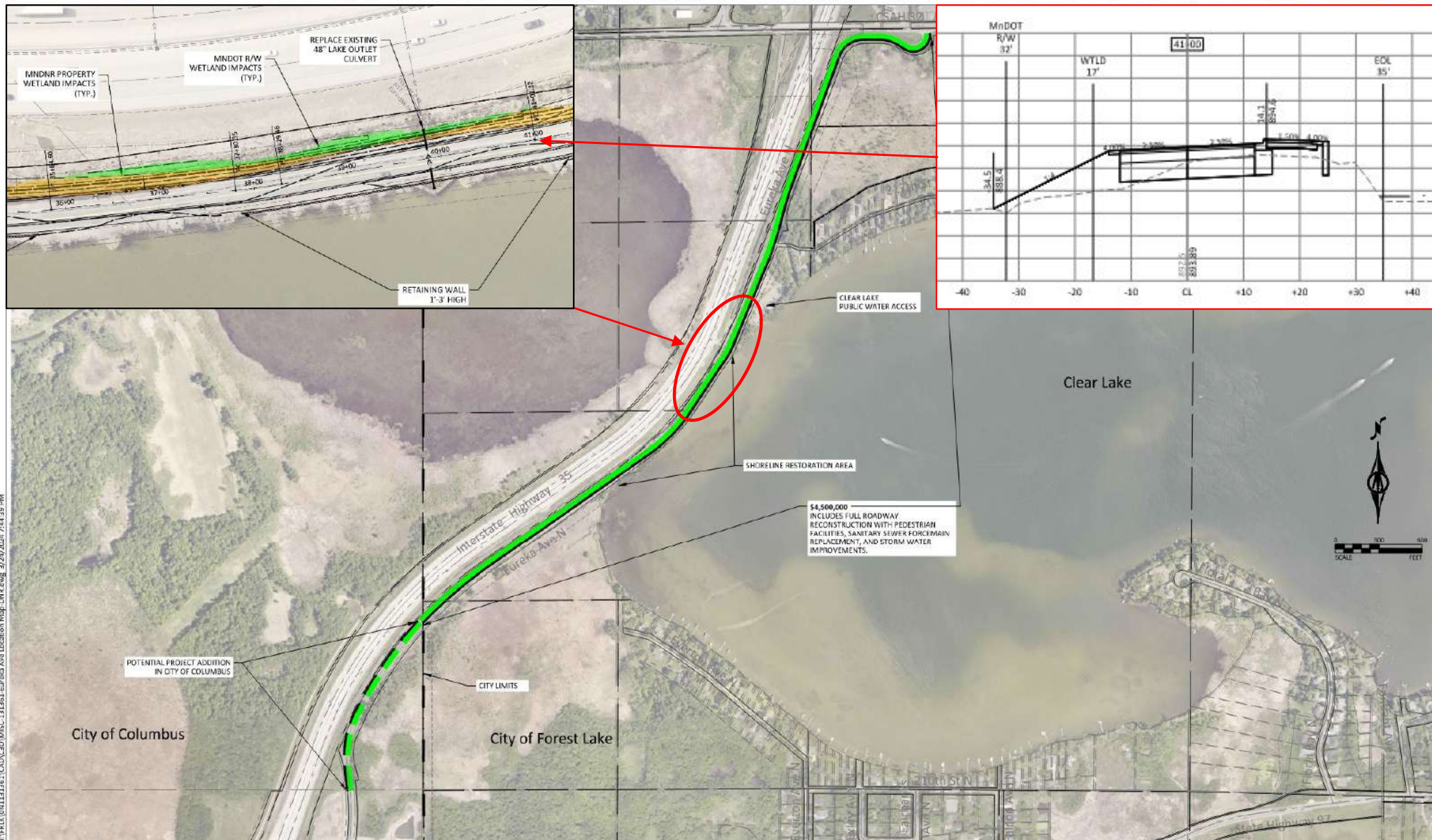


# Proposed Design - Alignment

## Eureka Avenue Improvements

City of Forest Lake, Minnesota

Location Map  **Forest Lake**  
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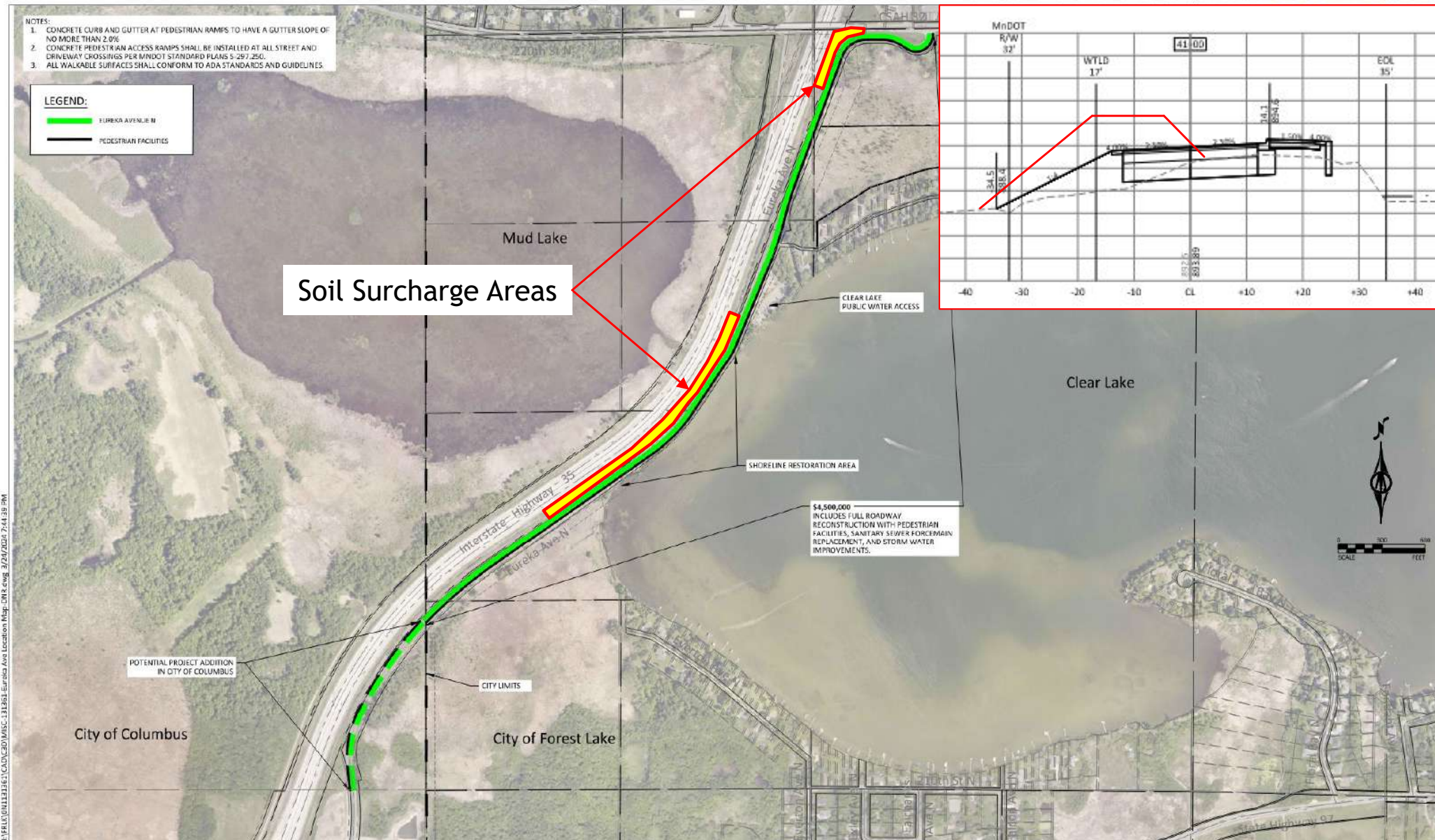




# Proposed Design - Soil Surcharge

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# Proposed Design - Utilities

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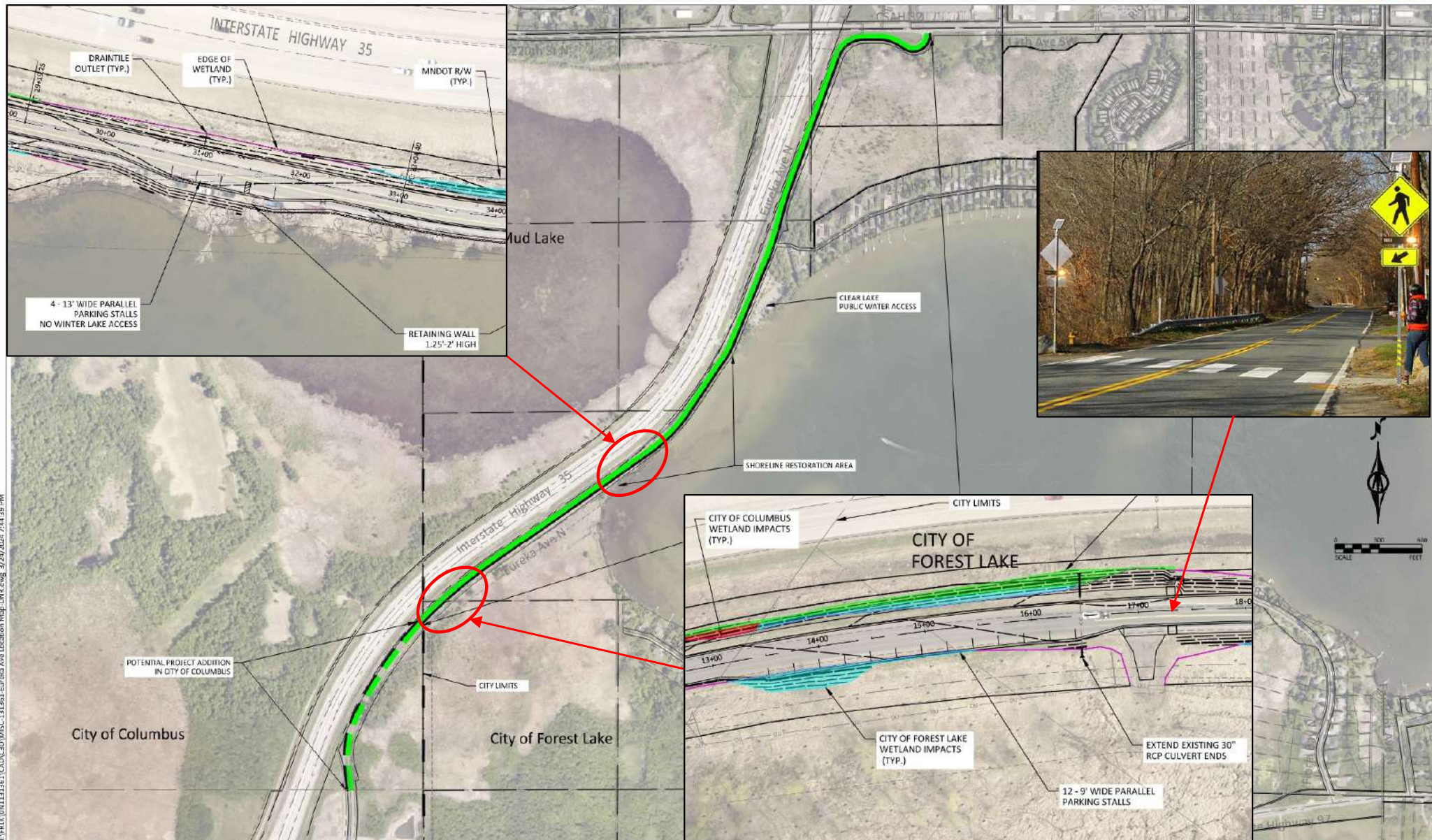


# Proposed Design - Parking Areas

## Eureka Avenue Improvements

City of Forest Lake, Minnesota

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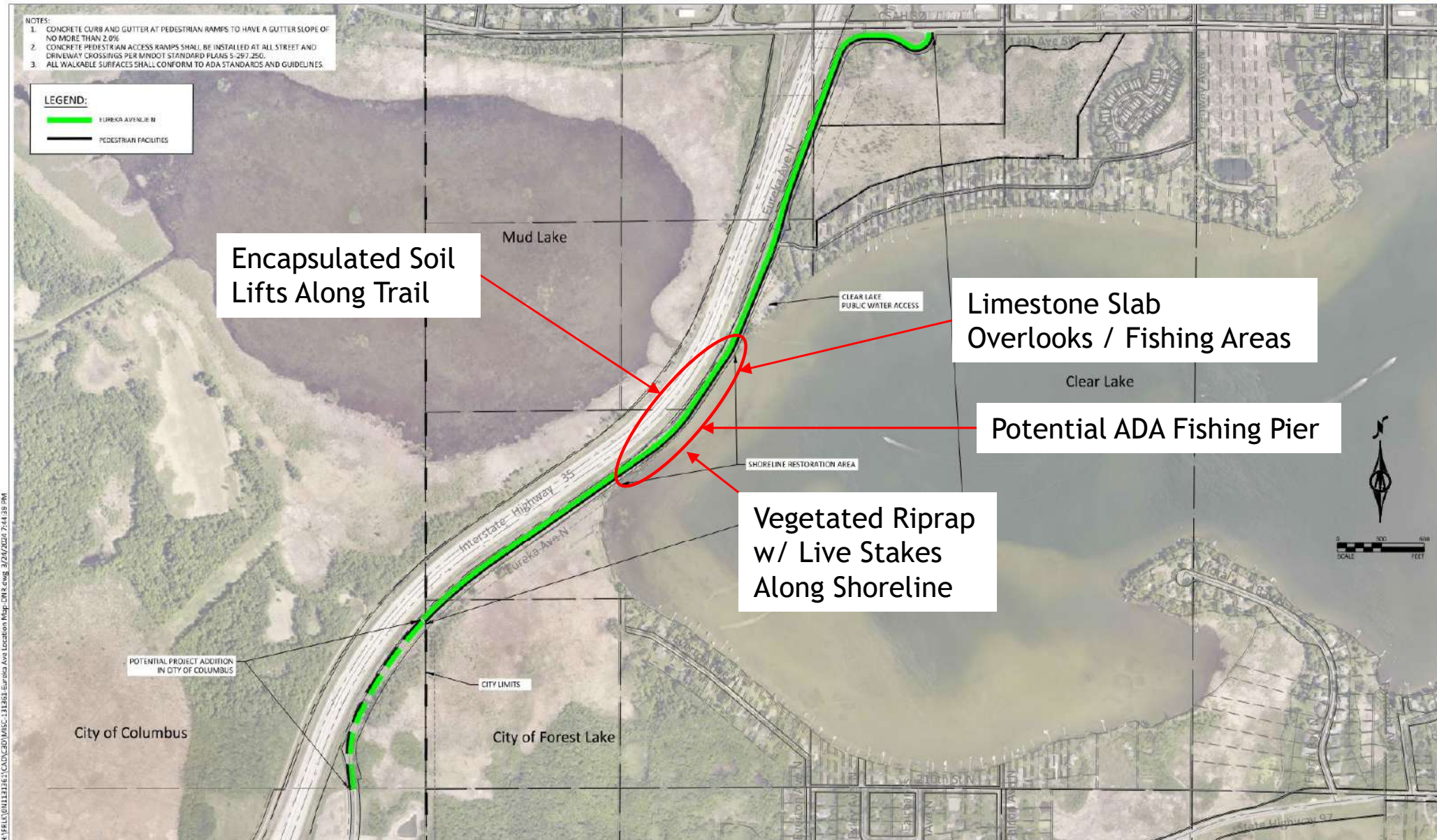
# Potential Shoreline Restoration

## Eureka Avenue Improvements

City of Forest Lake, Minnesota

Location Map

March 2024





# Potential Shoreline Restoration

**Eureka Avenue Improvements**  
City of Forest Lake, Minnesota

**Potential Shoreline Restoration Options**  
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AFTER 1 YEAR

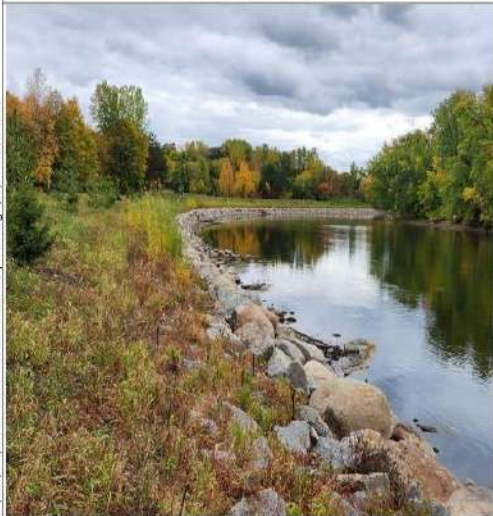


AFTER 10 YEARS

VEGETATED GEOTEXTILE ENCAPUSLATED SOIL LIFTS



VEGETATED RIPRAP



BOULDERS OR RIPRAP



LIVE STAKES

BRUSH BUNDLES



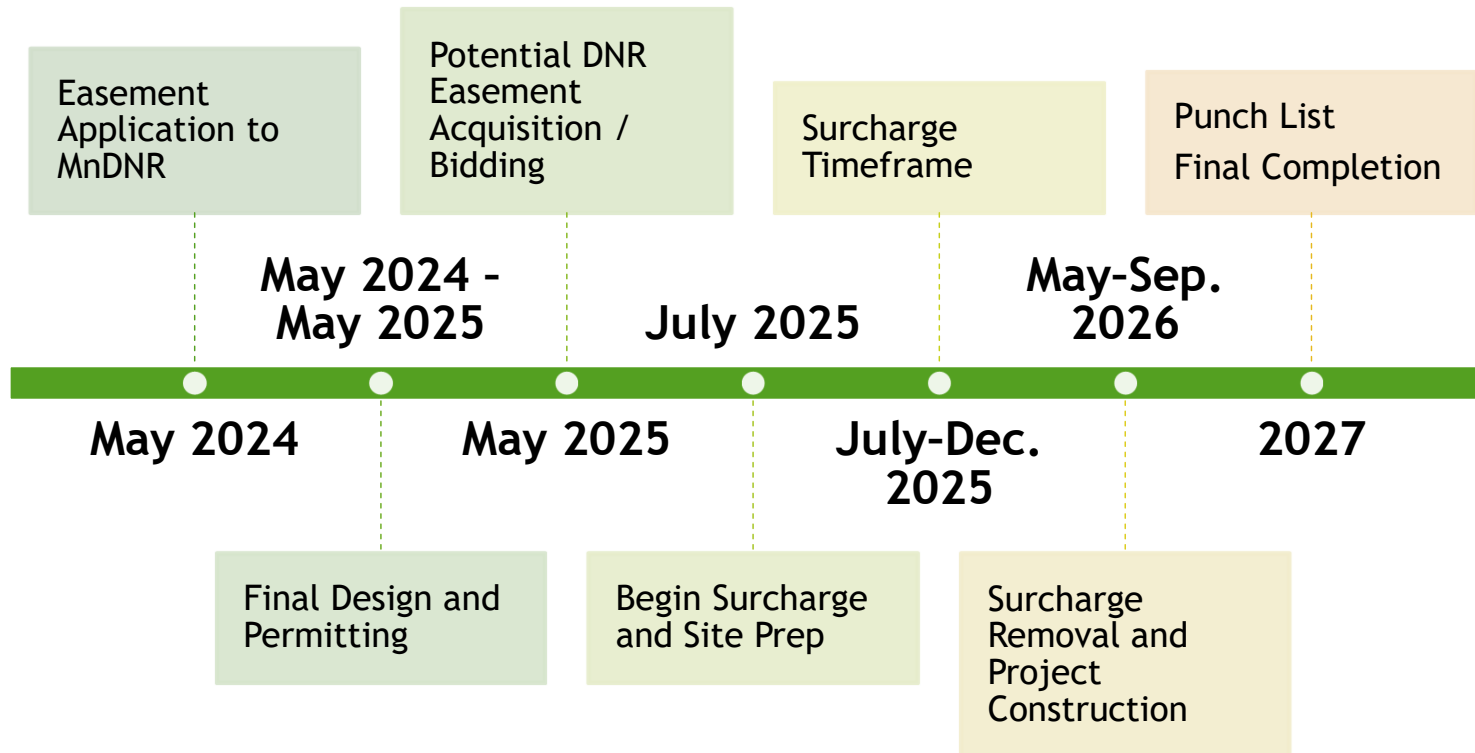
LIMESTONE SLAB OVERLOOK / FISHING AREA

# Other Design Considerations

- ▶ MnDOT TH 97 Improvements
  - ▶ I-35 to US-61
  - ▶ Planned for 2025 - 2026
- ▶ Washington County CSAH 32 (11<sup>th</sup> Ave SW) Improvements
  - ▶ 15<sup>th</sup> St SW to US-61
  - ▶ Planned for 2027
- ▶ Construction Staging
  - ▶ Detours
  - ▶ Temporary Access Routes
- ▶ Potential for Prohibiting Large Truck Traffic
- ▶ Potential Review of Posted Speed Limit



# Project Timeline





# Thank you!

## Any Questions?

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