



**City of Cumberland, Superior Avenue
Beaver Dam Lake Bridge
B-03-0214**

WisDOT ID Project ID: 1550-04-09 (79)

Public Involvement Meeting
Cumberland City Hall, Cumberland, WI 54829

July 13, 2022

Project Contact Information

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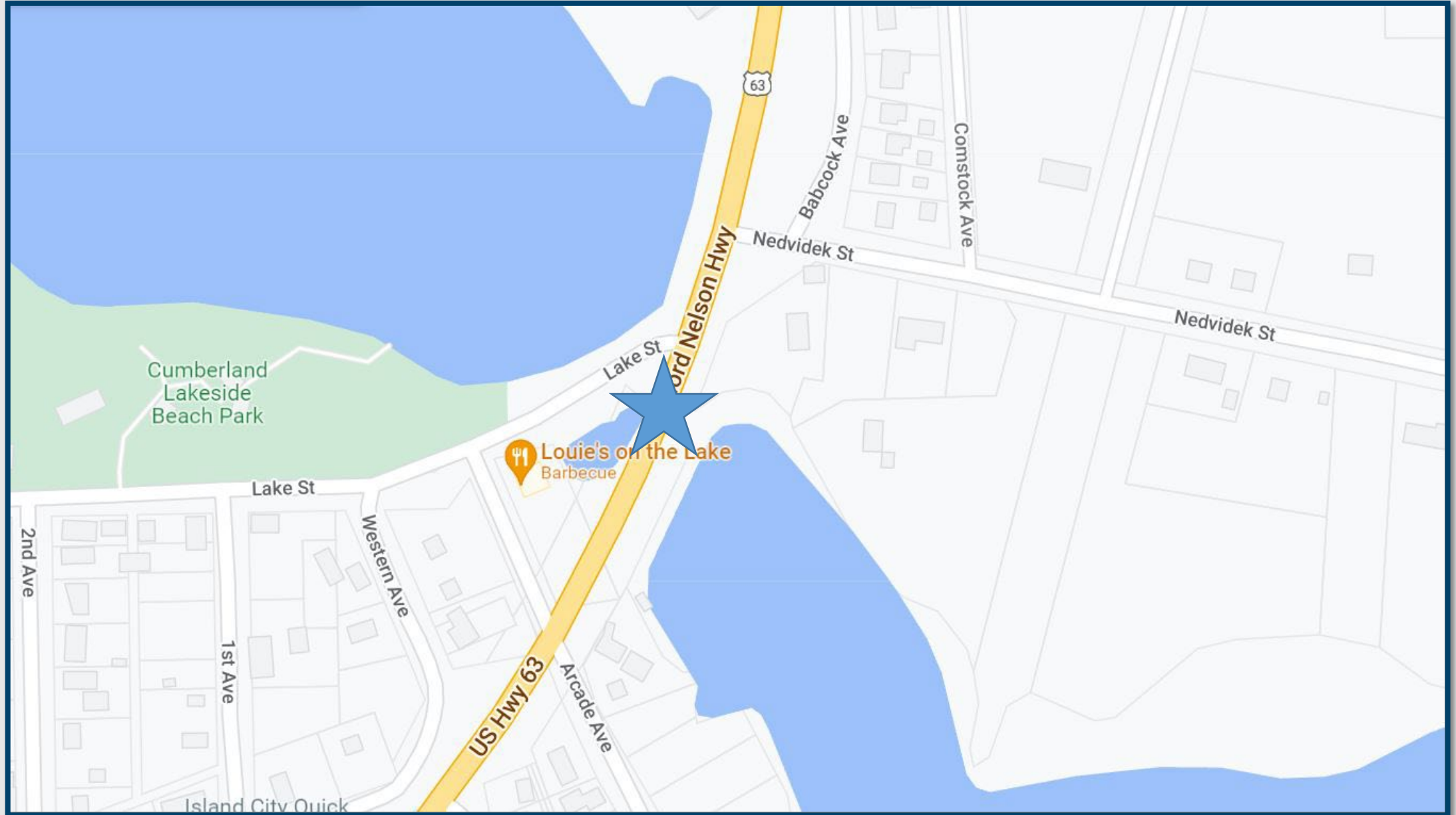
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Project Location



Project Purpose & Need

- **Purpose:** To address the deficiencies on US 63 to provide a safe and efficient transportation system.
- **Need:** To address the deteriorating US 63 pavement, which was last resurfaced in 2002, and curb and gutter, which are resulting in a reduced ability to handle roadway drainage; and increase the navigational clearance to improve watercraft passage.



Project Overview

- The project consists of replacing an 11-x-8-foot existing box culvert with a single-span concrete flat slab bridge structure.
- The main goal of this project is to provide economic development for Cumberland by allowing recreational boat traffic between the west and east portions of Beaver Dam Lake.
- The culvert structure has approximately 20 years of life remaining, and the city will be providing funding to buy back the remaining life on the structure.



Project Overview

- Major work items include:
 - Removing the Lake Street Bridge.
 - Replacing the box culvert and Lake Street Bridge with the new structure.
 - Replacing curb and gutter, sidewalk, asphalt paving and pavement marking.
- The project is tied to 1550-04-74, a resurfacing project on US 63 from the west junction WIS 48 to Charrie Lane in Barron County.

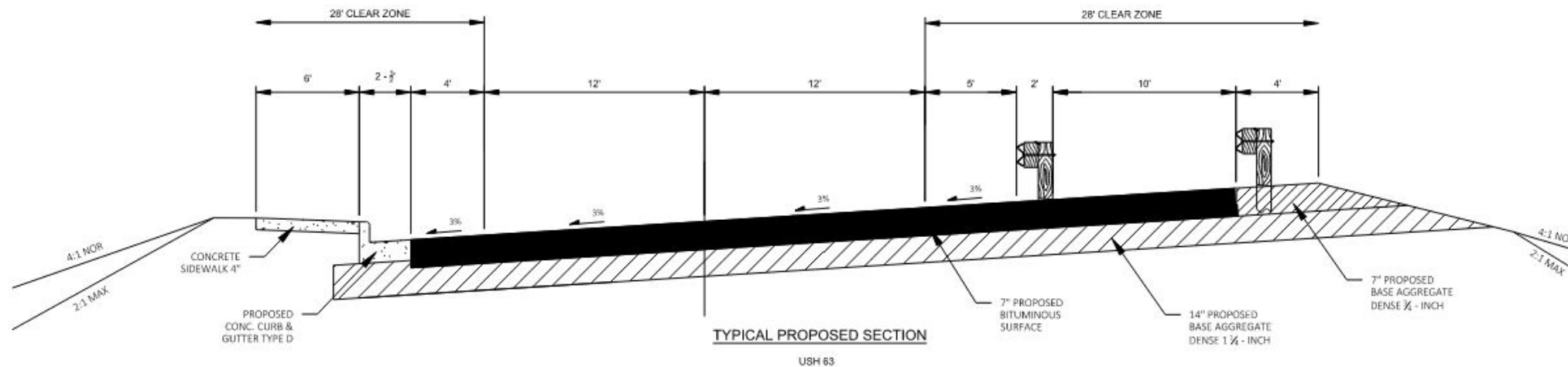
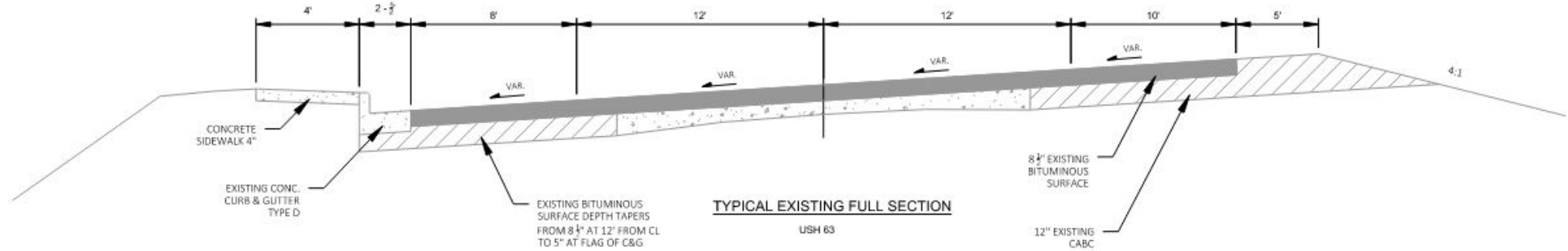


Design Opportunities

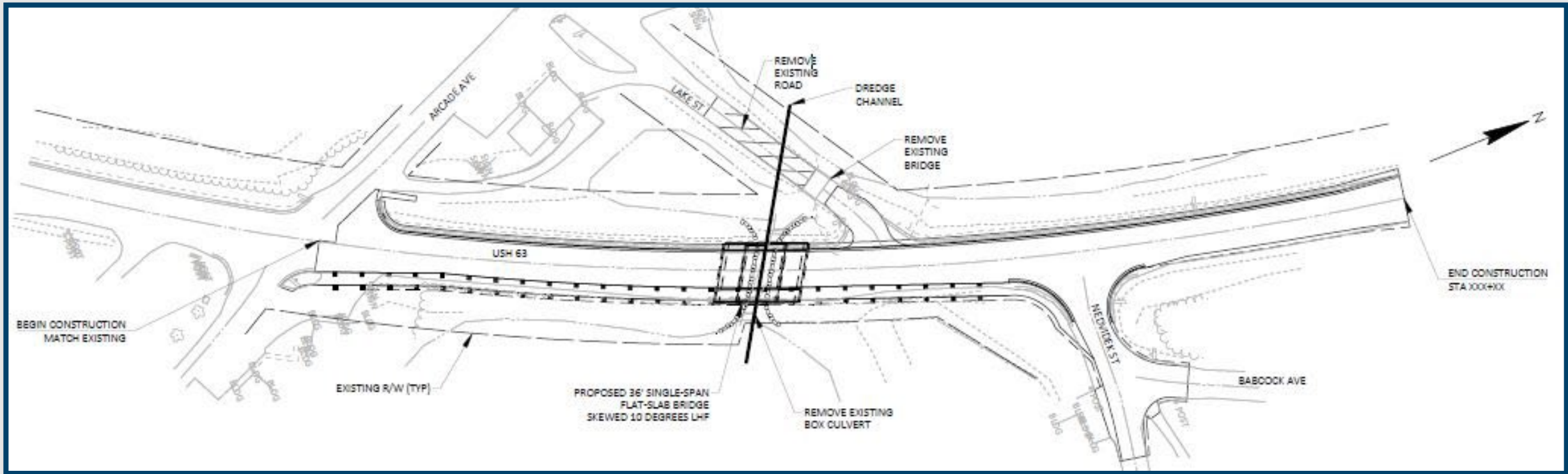
- US 63 will be raised approximately 3.5 feet at the structure to increase the navigational clearance to 9 feet, which will improve watercraft passage.
- About 950 feet of approaches will be reconstructed on US 63 to match the new structure and improve roadway drainage.
- Portions of Lake Street, Nedvidek Street and Babcock Avenue will be reconstructed to match the raised profile of US 63.



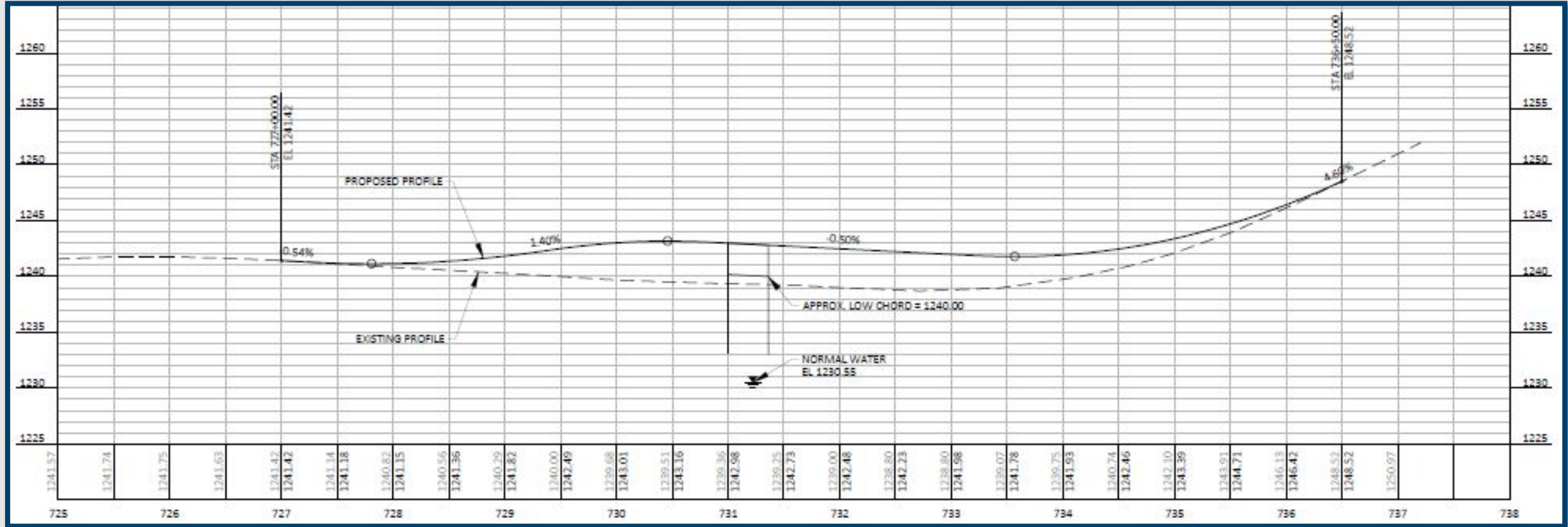
Proposed Typical Section



Proposed Bridge Replacement



Proposed Profile Change

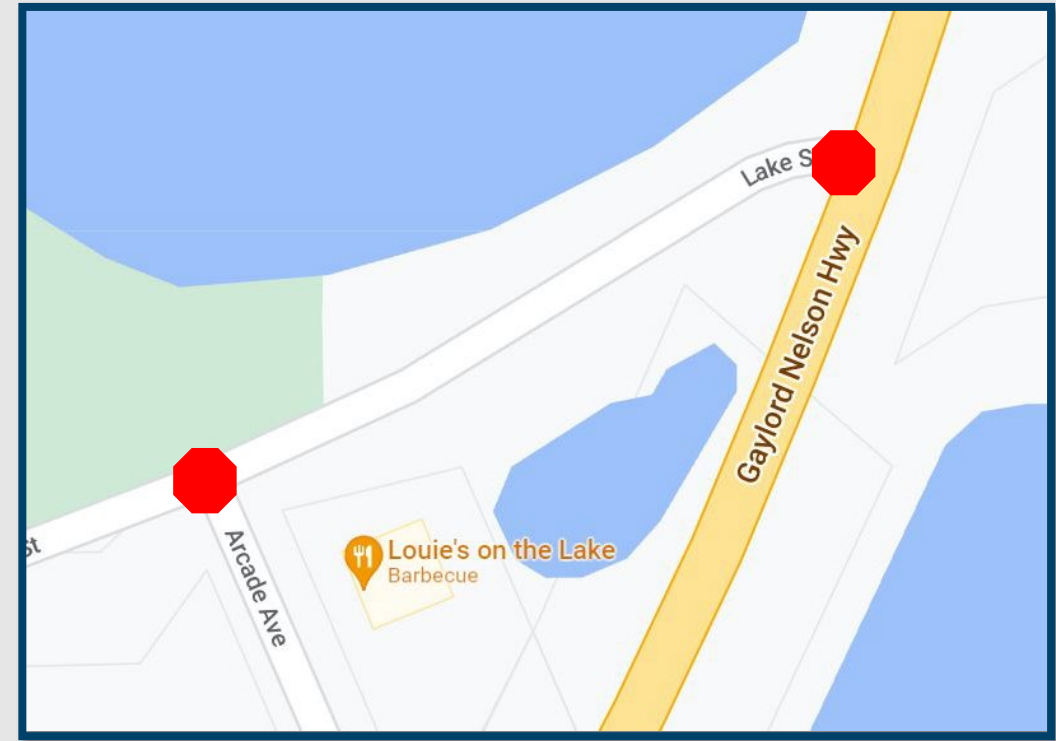


Example of Bridge Finish



Traffic Impacts

- During construction, US 63 will remain open to traffic.
- The existing Lake Street Bridge will be removed, and a temporary bypass structure will be installed to accommodate traffic.
- Traffic will be reduced to one lane in each direction and be controlled by temporary signals at the Lake Street intersections at US 63 and Arcade Avenue.
- Weight and width restrictions are going to be used with a detour for truck traffic.



Real Estate Impacts

- Right-of-way acquisition is anticipated to install the proposed structure and install a temporary bypass.



Wetland Impacts

- Wetlands are located throughout the project corridor.
- Wetlands will be delineated in summer 2022.
- All wetland impacts will be mitigated through the WisDOT Wetland Mitigation Bank Program.



Overall Project Timeline

APRIL 2022 – MAY 2023

- 30% Design
- Public Involvement Meeting
- Environmental Documentation

MAY 2023 – AUGUST 2023

- 60% Design
- Design Study Report
- Traffic Management Plan
- Right of Way Plat

AUGUST 2023 – MAY 2024

- 90% Design
- Final Utility Coordination

MAY 2024 – AUGUST 2024

- 90% Design Complete May 2024
- Final Design August 2024

MAY 2025 – NOV 2025

- Anticipated Construction Timeframe



Questions?

