



Public Involvement Meeting

Town of Beaver - Riplinger Road

Nelson Creek Bridge P-10-0937

Clark County

Project ID: 7841-00-04

Public Involvement Period: June 19th, 2024 – July 12th, 2024

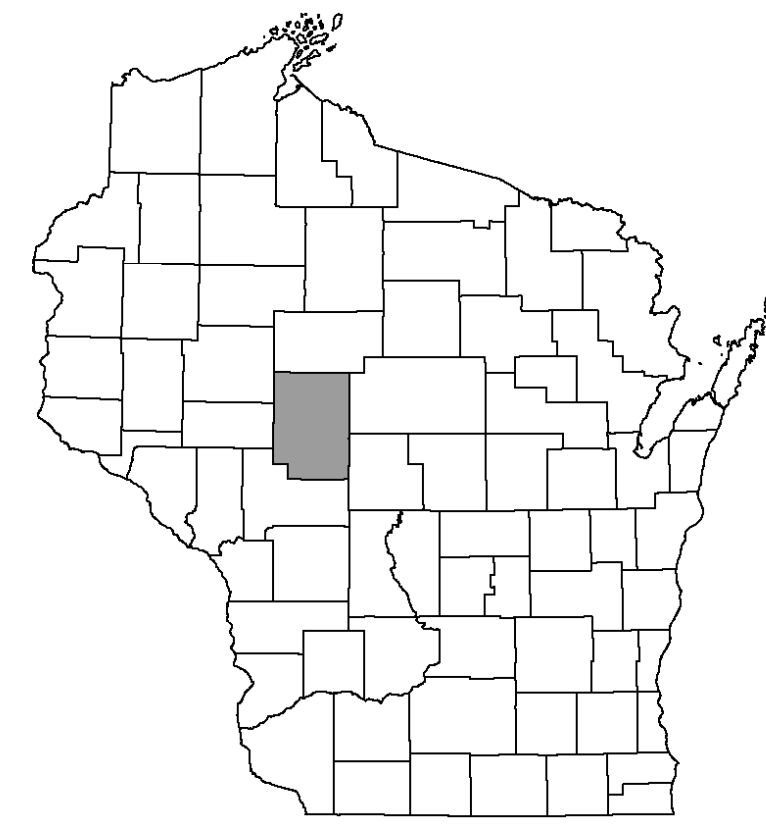


Presentation Outline

- Project Location
- Project Status
- Project Purpose & Need
- Project Improvements
- Traffic Control
- Schedule
- Contact Information



Project Location



Clark County, Wisconsin



Project Vicinity



Project Location

Project ID: 7841-00-04
Riplinger Road
Nelson Creek Bridge, P-10-0937
Town of Beaver, Clark County

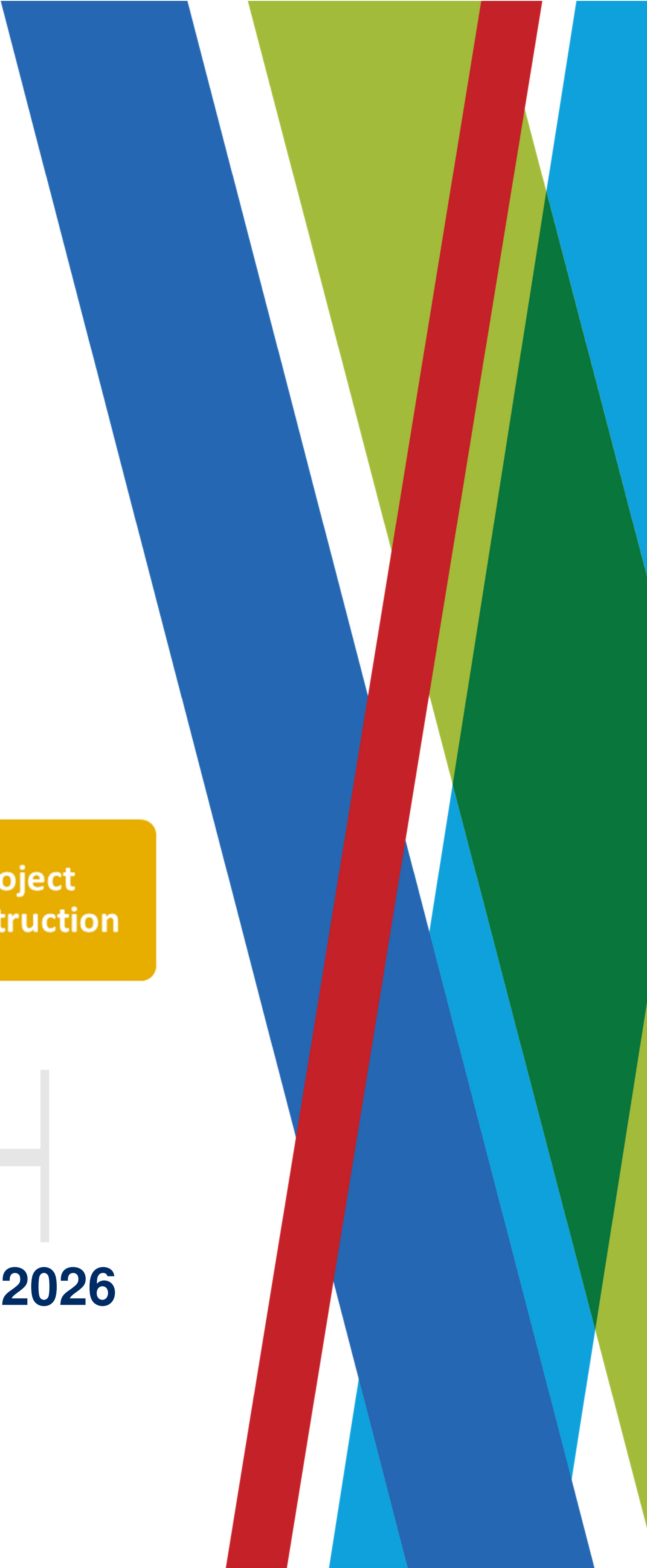
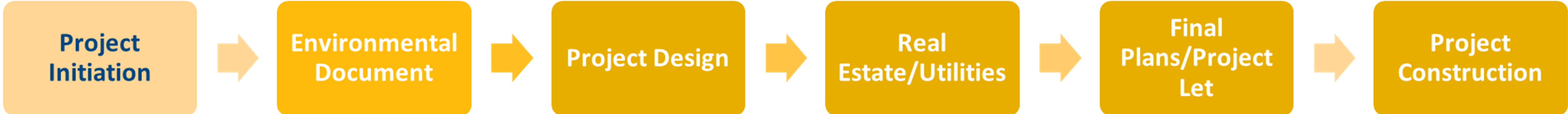
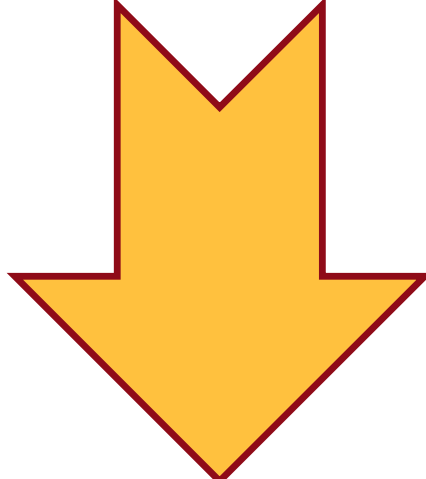
4/4/2024

Esri, TomTom, Garmin, SafeGraph,
FAO, METI/NASA, USGS, EPA, NPS,



Project Status

**WE ARE
HERE**



Project Purpose & Need

■ Purpose:

The purpose of the proposed action is to address a deteriorating Riplinger Road bridge (P-10-0937, Nelson Creek Bridge) located over Nelson Creek, in the town of Beaver, Clark County, Wisconsin. The project needs which support the project purpose are identified by the bridge deficiencies.

■ Need:

- The immediate need is to address the structural deficiencies, including physical and operational concerns, identified with the existing bridge.
- Deficiencies are described on the next slide.



Current Deficiencies

- **Timber Deck:** The timber deck is exhibiting decay and section loss. The timber deck supports a gravel overlay.
- **Timber Abutments and Piles:** The timber abutments are rotting and soft at the waterline. All timber piles are showing decay at the waterline. East Abutment Pile Two is showing 25% section loss from the streambed up four feet. The southeast and northeast wingwall piles are rotten. These deficiencies contribute to the overall National Bridge Inventory (NBI) substructure rating of 4.
- **Timber Cap:** The timber cap on the northeast corner is cracked.
- **Weight Limit:** The bridge has a posted load rating of 20-tons. Prior to the 2023 bridge inspection, sixty new steel diaphragms were installed to help improve load capacity.
- **Bridge sufficiency Rating:** The Nelson Creek Bridge has a sufficiency rating of 47.9 out of 100, indicating that the structure degradation is advanced enough to qualify it for Federal replacement funding.



Figure 2: Deteriorating timber deck evident (arrow) as well as cracked timber cap (circle).



Proposed Improvements

Replacement of deficient bridge structure

- New bridge to be a single-span concrete flat slab structure
- Clear bridge width would remain the same at 24 ft
- Structure Length would increase from 22 ft to 38.5 ft

Approach reconstruction

- 50-ft. short gravel approaches on each side of the bridge
- (2) 12-ft. gravel travel lanes, tapered to match existing roadway



Traffic Control

- Riplinger Road will remain open at all times during construction via a temporary bypass bridge that will be installed just upstream of the existing bridge.
- Access to residences will remain at all times.
- Access for Emergency Responders will remain at all times.



Schedule

Local Officials Meeting
Virtual Public Involvement Presentation
Environmental Document
Real Estate Acquisition
Final Plans
Construction

April 26, 2024
June 2024
Summer 2024
Summer 2025
January 2026
2026



Contact Information

If you have any comments, questions or concerns, please send us an email, give us a call, or send us mail.

Consultant Project Manager

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A comment form is provided on the same webpage as this presentation (<https://www.clarkcountywi.gov/highwayprojects>). Comments regarding this project may be submitted until: July 12, 2024.

