



# Public Involvement Meeting

CTH N – T Clifton

Indian Creek Bridge B-41-0335

CTH A

Monroe County

Project ID: 5116-00-01

Public Involvement Period: October 1<sup>st</sup>, 2024 – October 22<sup>nd</sup>, 2024



# Presentation Outline

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





# Project Location



Monroe County, Wisconsin



Project Vicinity



Project Location

**Project ID: 5116-00-01**  
**CTH N - Town of Clifton**  
**Indian Creek Bridge, B-41-0923**  
**CTH A, Monroe County**

8/5/2024

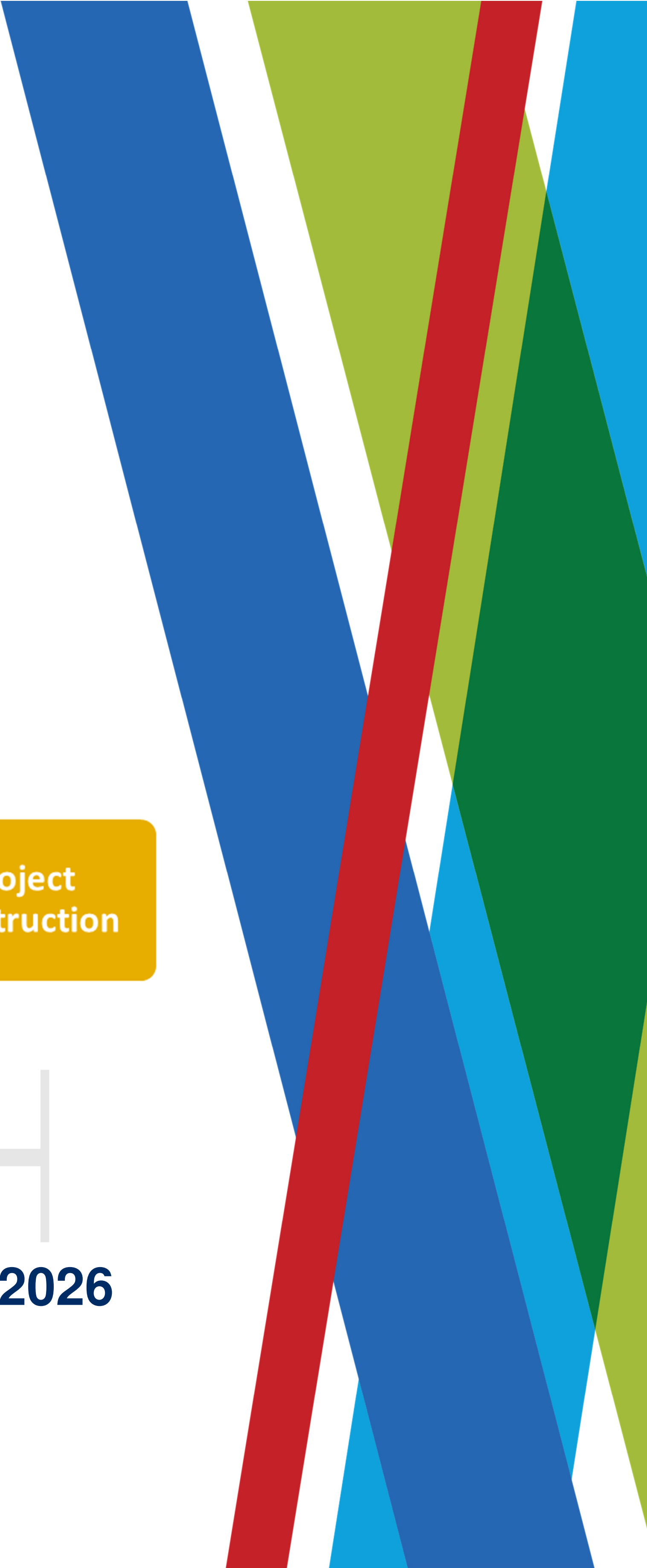
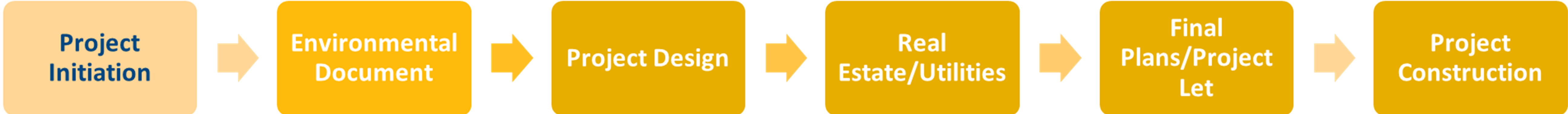
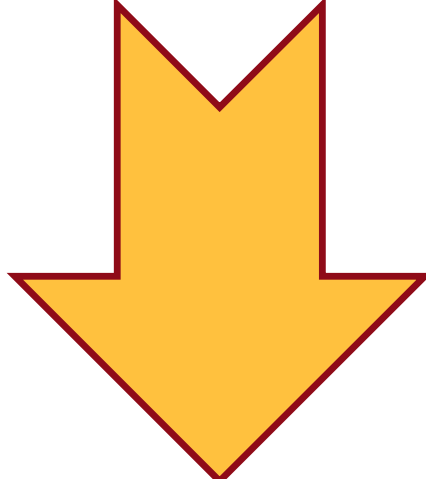
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# Project Status

**WE ARE  
HERE**



# Project Purpose & Need

## ■ Purpose:

The purpose of the proposed action is to address a deteriorating CTH A bridge (P-41-0923, Indian Creek Bridge) located over Indian Creek, in the town of Clifton, Monroe 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

- **Bridge Deck:** The bridge deck is overlaid with asphalt. The bridge deck is delaminated near the deck drains. Delamination means that corrosion has already started on the reinforcement and that section of concrete is no longer fully attached. Map cracking is also present.
- **Abutments and Wingwalls:** The west abutment has a 1/8" vertical crack and diagonal crack with efflorescence. Efflorescence is a sign that water and de-icing materials are working their way through the cracks in the concrete and leaching out the limestone. All four wingwalls are showing heavy cracking with efflorescence. The Southeast and Southwest wingwalls have spalling along the top edge.
- **Reinforced Concrete Open Girder:** Exterior girders are exhibiting map cracking and efflorescence. Interior girders are showing hairline transverse cracking. Delamination and scaling are noted at the Northwest and Southwest ends of the exterior girders and at drain locations on north girder.
- **Vertical Alignment:** The current structure sits at the bottom of a slight dip, which does not allow water to easily drain away from the bridge. Poor drainage can contribute to icy driving conditions during the winter months and can accelerate wear and tear on the bridge and adjoining roadway.



# Proposed Improvements

## Replacement of deficient bridge structure

- New bridge to be a single-span concrete flat slab structure
- Clear bridge width would increase from 24 ft to 32 ft
- Structure Length would increase from 32 ft to 42.5 ft

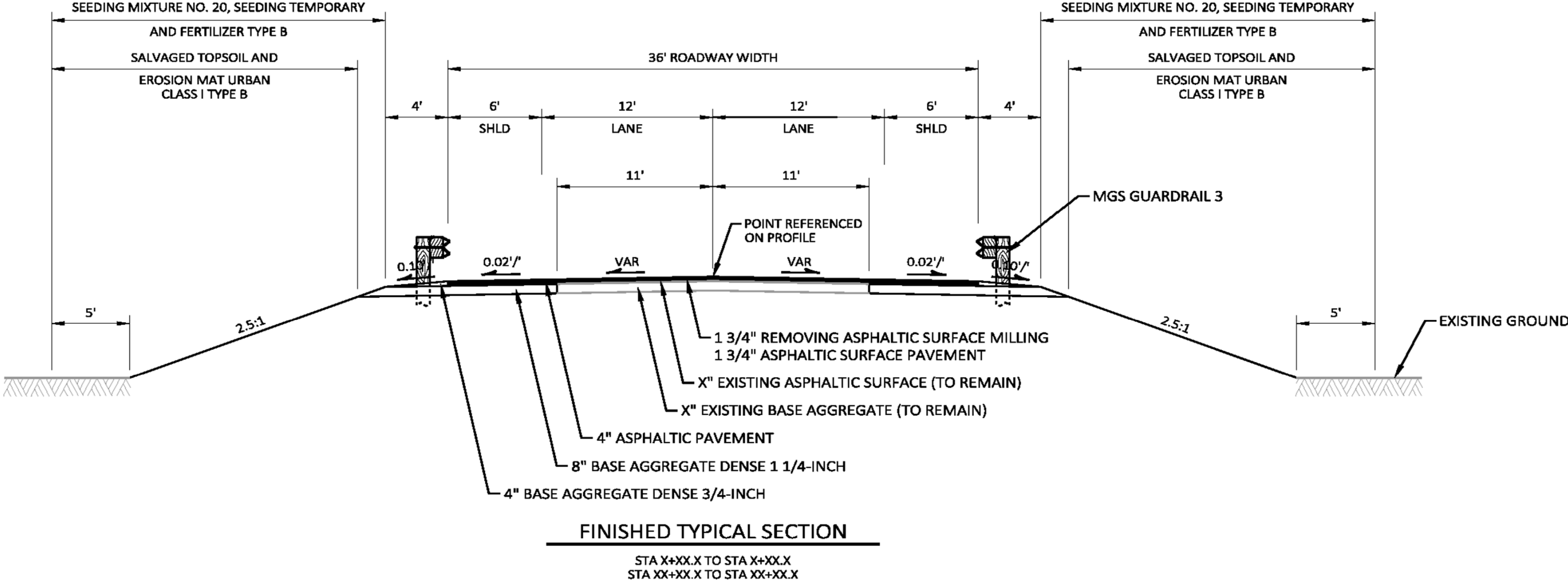
## Approach reconstruction

- Approximately 295 ft of new approaches on each side of the bridge
- (2) 12-ft. Asphalt travel lanes, with 6-ft shoulders (5-ft agg/1-ft paved)



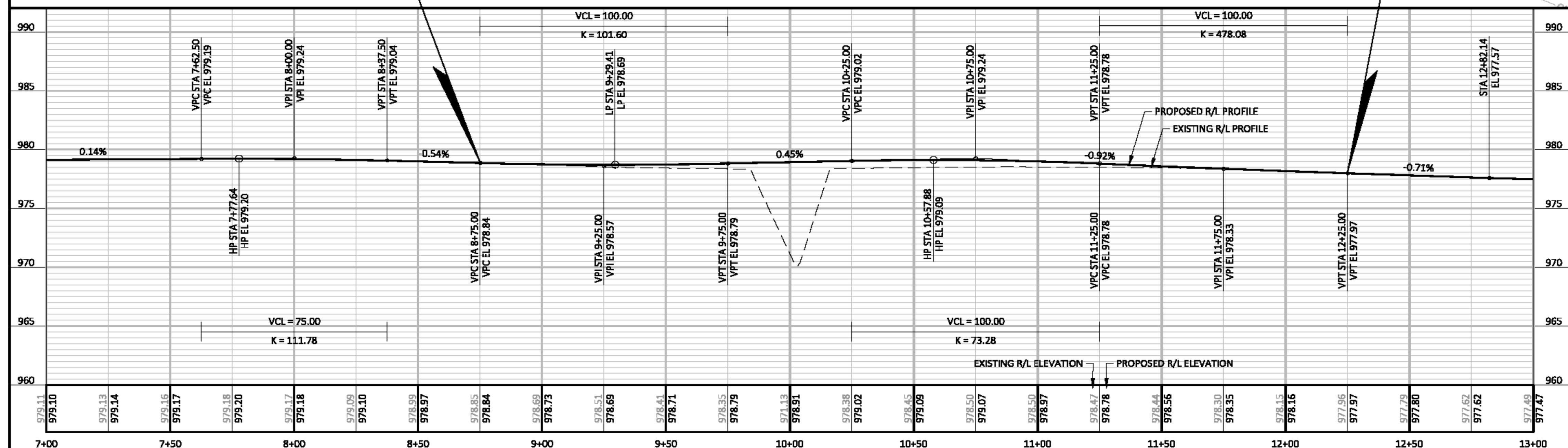
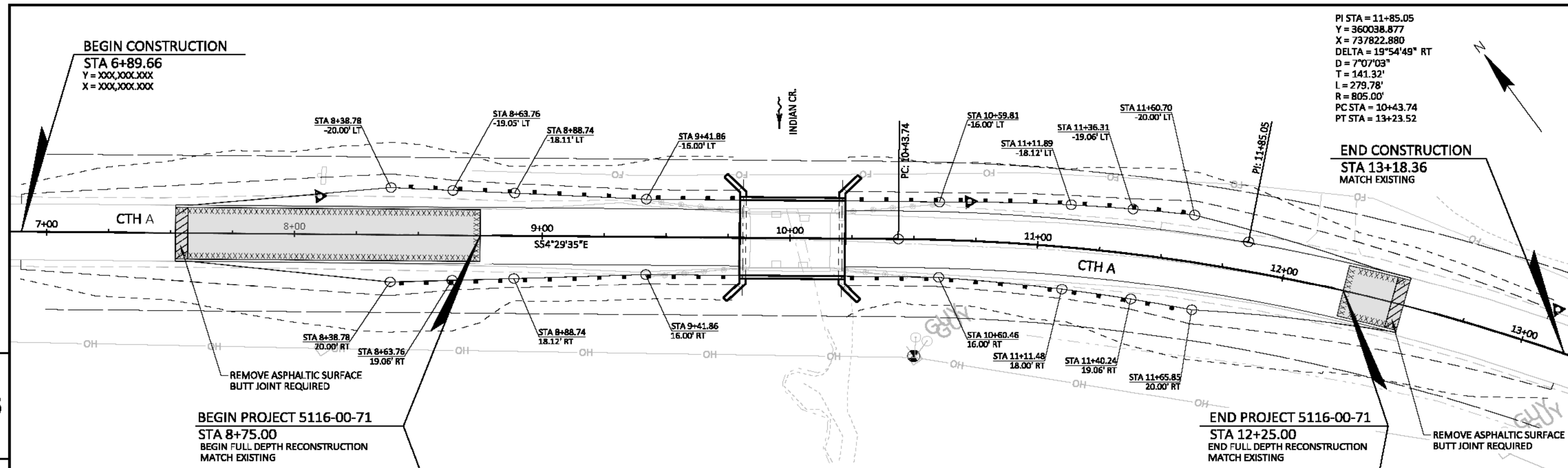


# Proposed Improvements





# Proposed Improvements



PROJECT NO: 5116-00-71    HWY: CTH A    COUNTY: MONROE    PLAN AND PROFILE: MAINLINE    SHEET: E

FILE NAME: X:\1323000\240176.01\TECH\CAD\51160001\SHEETS\050101\_PP.DWG    PLOT DATE: 8/15/2024 11:15 AM    PLOT BY: JEFF BRU    PLOT NAME:    PLOT SCALE: 1 IN=40 FT    WISDOT/CADD SHEET 44



# Traffic Control

- CTH A will be closed at the bridge during construction. Project is expected to last 2-3 months.
- Access to residences from one direction will remain at all times.
- Access for Emergency Responders from one direction will remain at all times.





# Schedule

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

August 2024  
October 2024  
November 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.co.monroe.wi.us/departments/highway>). Comments regarding this project may be submitted until: October 22, 2024.

