



# **WIS 80 Project 5939-00-33/63 County I to WIS 133**

## **Wisconsin Department of Transportation**

Public Involvement Meeting

**September 2022**



Welcome to the virtual public involvement meeting for Project ID 5939-00-33/63 along Wisconsin Highway (WIS) 80 between the County I and WIS 133 intersections in Iowa County.

# WIS 80 improvement plan

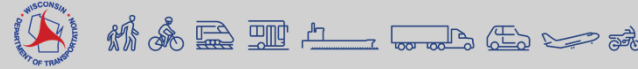
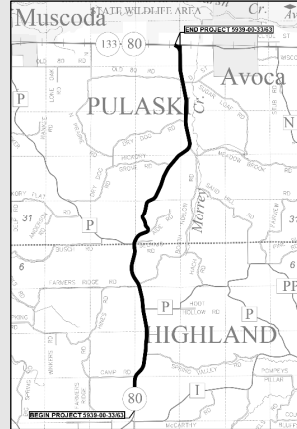
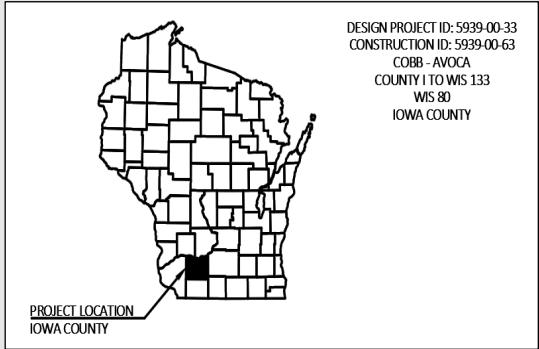
- Agenda

- Project limits
- Project purpose and need
- Proposed design improvements
- Construction staging/detour overview
- Project schedule
- Contact information



The presentation will follow the outline shown here – first discussing the project limits; second, the purpose and need of the project; third, the proposed design improvements; fourth, construction staging & detour overview; fifth, the project schedule; and finally ending with contact information.

# Project limits



The proposed project begins about ¼-mile north of the County I intersection and continues north on WIS 80 for approximately 8.82 miles to the WIS 133 intersection.

## Project purpose and need

- Purpose

- Address pavement condition
- Address existing bridge on WIS 80 from 500 feet north of the Dry Dog Road intersection



The purpose of this project is to address the existing pavement condition on WIS 80 as part of the Department's strategy to increase the service life of the roadway and to address the existing condition of a bridge on WIS 80 500 feet north of the Dry Dog Road intersection.

## Project purpose and need

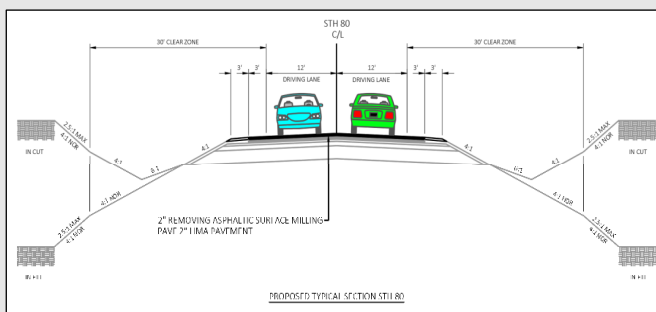
- Need
  - Improve pavement condition
  - Deteriorated bridge



The existing pavement on WIS 80 is experiencing longitudinal and transverse cracking in the wheel paths of vehicles and along the centerline of the roadway. This results in a decreased ride quality and increased maintenance expenditures. The existing bridge 500 feet north of the Dry Dog Road intersection was built in 1930 and received an asphalt overlay in 2014. The bridge has met/exceeded its service life and requires a replacement with a new bridge structure that meets Department's standards.

## Proposed design improvements

- Pavement
  - County I to County P north junction
    - Mill two inches and pave two inches of asphalt
    - Centerline rumble strips



The proposed pavement improvements on WIS 80 between County I and County P N JCT will consist of the following:

- Mill 2-inches of the existing asphaltic pavement and pave with 2-inches of hot mix asphalt.
- Install centerline rumble strips

## Proposed design improvements

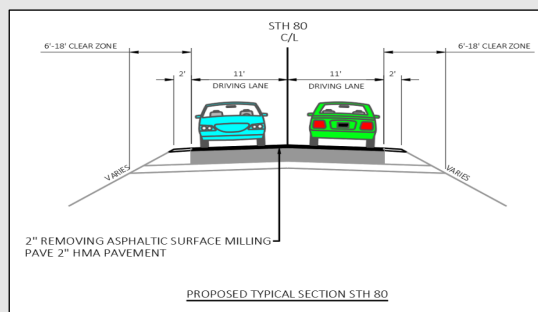
- Pavement

- County P north junction to Old State Road 80

- Mill two inches and pave two inches of asphalt
      - Pave existing two-foot gravel shoulder
      - Shoulder rumble strips

- Old State Road 80 to WIS 133

- Mill two inches and pave two inches of asphalt

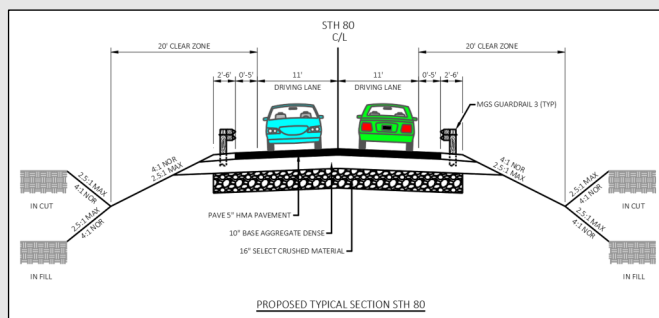


The proposed pavement improvements on WIS 80 between County P N JCT and WIS 133 will consist of the following:

- Mill 2-inches of the existing asphaltic pavement and pave with 2-inches of hot mix asphalt.
- The existing gravel shoulder will be paved and shoulder rumble strips will be added between County P N JCT and Old State Road 80.

## Proposed design improvements

- Pavement
  - At bridge reconstruct
    - Five-inches of asphalt over 10-inches of aggregate over 16-inch Select Crushed Material



The proposed pavement improvements on WIS 80 500 feet north of the Dry Dog Road intersection will consist of the following:

- Excavate and reconstruct WIS 80 approaches to the bridge.
- New pavement and aggregate structure
  - 5-inches of hot mix asphalt over 10-inches of aggregate over 16-inches of select crushed material (large stones)



## Proposed design improvements

- Bridge
  - Remove and replace existing bridge B-25-176
    - Single Span Slab Concrete Bridge (B-25-194)
      - Approximately 41 feet in length (existing length = 21 feet)
      - 28 feet in width (existing width = 23 feet)

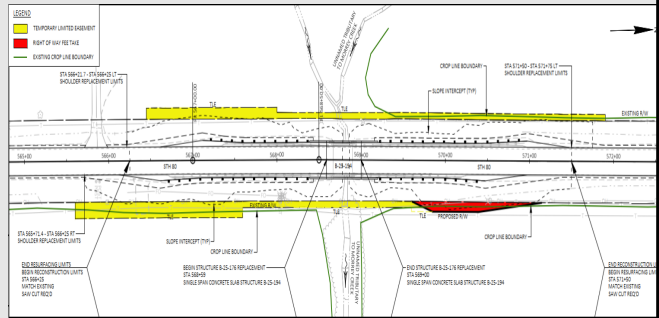


The proposed bridge structure improvements on WIS 80 500 feet north of the Dry Dog Road intersection will consist of the following:

- Remove existing bridge structure B-25-176
- Replace with a single span slab concrete bridge (B-25-194)
  - Approximately 41-foot long
  - 28-foot wide

## Proposed design improvements

- Real estate impacts
  - At the bridge reconstruct (Preliminary)
    - Two properties affected
    - 0.160 acres of TLE (Temporary Limited Easement)
    - 0.019 acres of Fee (Permanent Acquisition) Purchase



Improvements on WIS 80 500 feet north of the Dry Dog Road intersection will have real estate impacts. Preliminary real estate impacts include the following:

- 2 properties directly affected
- 0.160 acres of temporary limited easement
  - Only needed for construction activities, areas to be restored if disturbed
- 0.019 acre of Fee Purchase (Permanent right-of-way)
  - Permanent right-of-way needed for maintaining ditch flows and capacities

## Proposed design improvements

- Other Improvements
  - Pavement markings
  - Guardrail improvements at bridge replacement
  - Distressed asphalt resurfacing in areas of need



Other improvements along the WIS 80 roadway include:

- New pavement markings
- New guardrail at the bridge replacement section
- Distressed milling and paving in areas of need on the WIS 80 travel lanes (milling deeper and paving thicker asphalt as a repair)

## Construction staging / detour overview

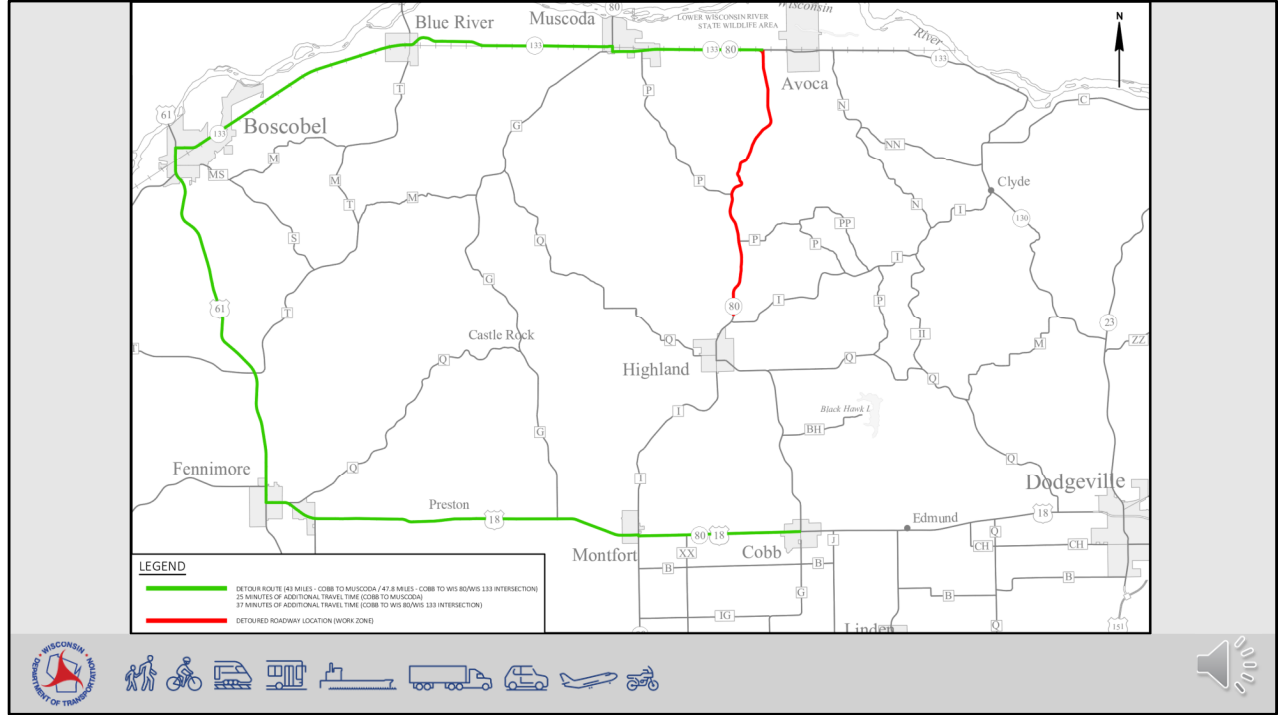
- County I to WIS 133
  - Closed to thru traffic / open to local traffic during bridge replacement
  - Detoured route using US 18, WIS 61 and WIS 133
  - Flagging operations during and outside of bridge replacement work as well



WIS 80 is proposed to be closed to thru traffic during construction from County I to WIS 133. Access will be available for local traffic and emergency responders to access residences, businesses and properties.

Thru traffic will be shifted to a detour route using US 18, WIS 61 and WIS 133.

A flagging operation between County I and County P N JCT is under consideration for local traffic during construction operations and for all traffic before the bridge construction starts and after the bridge construction is completed.



This slide shows the construction work zone and the proposed detour route.

The detour route is anticipating adding additional travel times for thru traffic listed as follows:

- 25 minutes of additional travel time between Cobb and Muscoda
- 37 minutes of additional travel time between Cobb and the WIS 133 intersection

## Project schedule

- |                                    |                     |
|------------------------------------|---------------------|
| • Environmental document           | Winter 2022/2023    |
| • Right-of-way plat                | Spring 2023         |
| • Real estate acquisition complete | Spring 2024         |
| • Final plans                      | May 2024            |
| • Advance construction             | Spring/Summer 2025* |
| • Scheduled construction           | Spring/Summer 2028  |

\*Pending funding availability



Work on the environmental document has started and is anticipated to be signed in December 2022. The plat is anticipated to be recorded in March 2023, with real estate acquisition to be completed by spring 2024.

The plans for the project are currently scheduled to be finalized in May 2024, and construction is anticipated to begin in the spring/summer of 2028. Construction could be advanced as early as the spring/summer of 2025 if funding is available.

## Contact information

- WisDOT Project Manager – Derek Potter, PE
  - (608) 246-3861      [derek.potter@dot.wi.gov](mailto:derek.potter@dot.wi.gov)
- WisDOT Real Estate Specialist – Annette Haak
  - (608) 516-6520      [annette.haak@dot.wi.gov](mailto:annette.haak@dot.wi.gov)
- Design Consultant – Ryan McKane, PE – WSP USA
  - (608) 713-9274      [ryan.mckane@wsp.com](mailto:ryan.mckane@wsp.com)



The list of people who are working on this project and their contact information are shown here. If you have any comments, questions, or concerns about this project please feel free to send us an email, give us a call, or fill out the comment form on the website and mail it back to us.

# WIS 80 Public Involvement Meeting

Thank you for your time!

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

**2101 Wright Street, Madison, WI 53704**



Thank you for taking the time to view this presentation. We look forward to hearing from you.