

WIS 64 Proposed Improvements Dunn County

WisDOT Project ID: 8110-01-02

**Jessica Bowker
WisDOT Project Manager**

December 2021



Project Information

- Project Staff

- Project Manager - Jessica Bowker, WisDOT
- Project Supervisor - Tyler Rongstad, P.E., WISDOT
- Consultant Designer - Matt Solin, P.E., JT Engineering, Inc.

- Project Design Website

- <https://wisconsin.gov/Pages/projects/by-region/nw/wis64dunn/default.aspx>



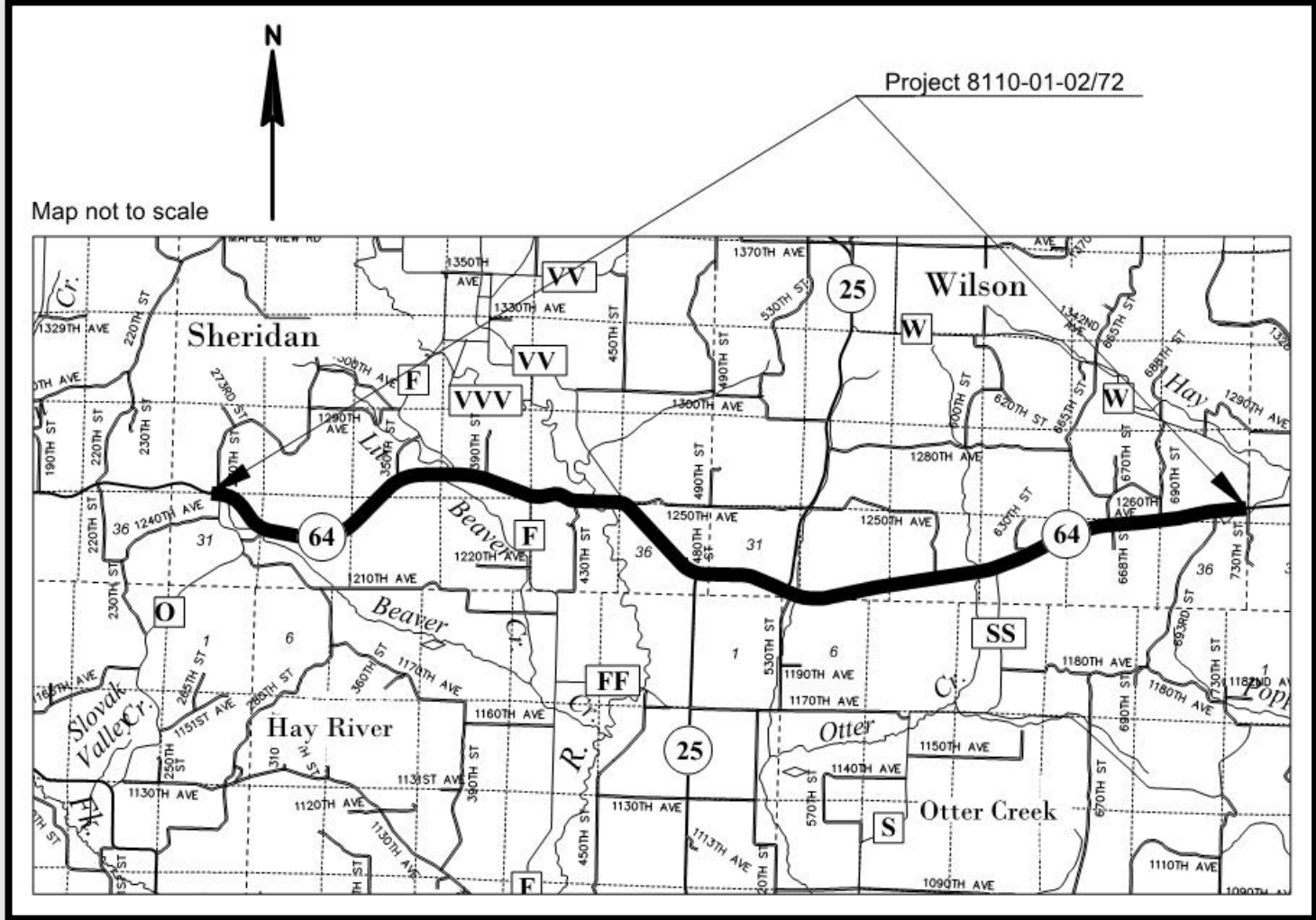
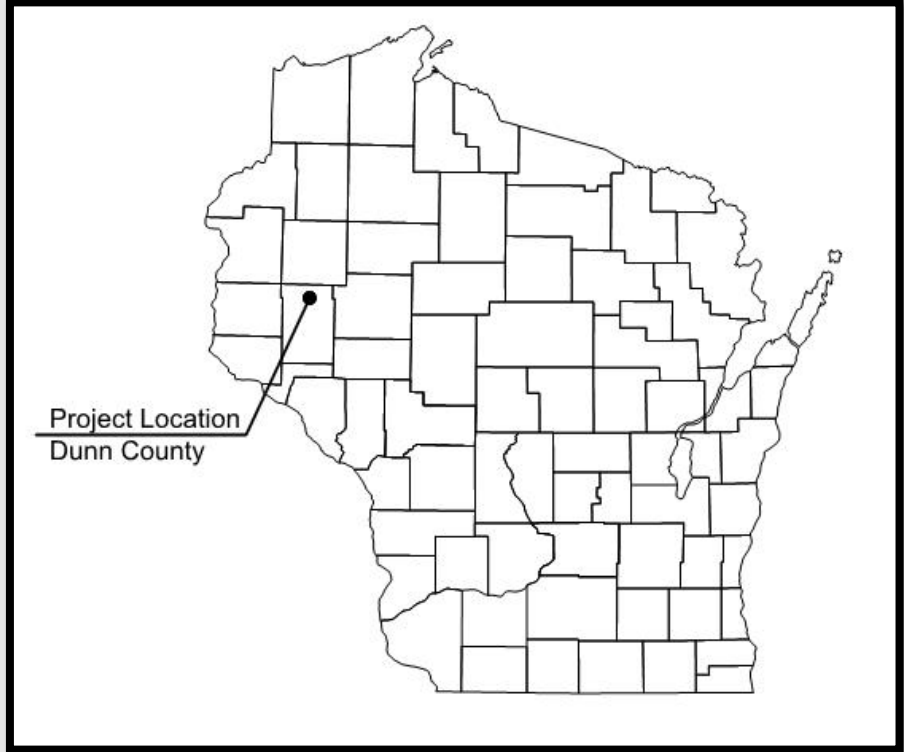


Presentation Agenda

- Project Location
- Project Purpose and Need
- Proposed Improvements
- Traffic Impacts
- Project Schedule
- Contact Information

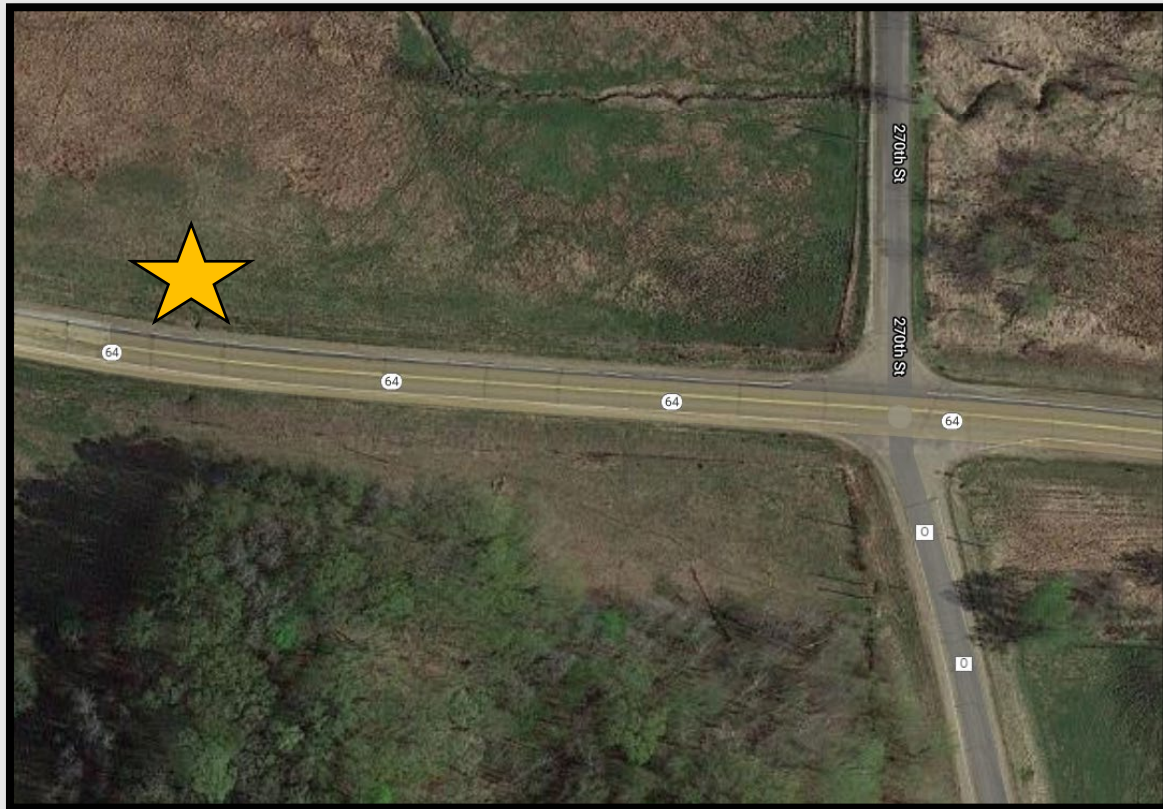


Project Location



Project Location

Project Start Location
(550' West of County O)



Project End Location
(165' West of North Jct County W)



Project Purpose and Need

- Address deteriorating bridge over the Hay River
- Address deteriorating culvert structure at Otter Creek
- Improve storm water drainage
- Improve safety



Project Purpose and Need

Hay River Bridge Deterioration



Project Purpose and Need

Hay River Bridge Deterioration

- Deck surface and joint deterioration
 - Asphalt used multiple times to patch
- Concrete surface spalling of abutments and piers



Project Purpose and Need

Otter Creek Twin Pipe Culvert Deterioration

- Section of steel pipes lost
- Heaved flooring
- End wall concrete cracking
- Debris at end of pipes



Project Purpose and Need

Drainage and Culvert Maintenance

- Several other pipes deteriorated
 - Metal corrosion
 - Joint separation
 - Sediment accumulation
 - Damaged ends
- Deterioration impacting function



Project Purpose and Need

Guardrail Replacement

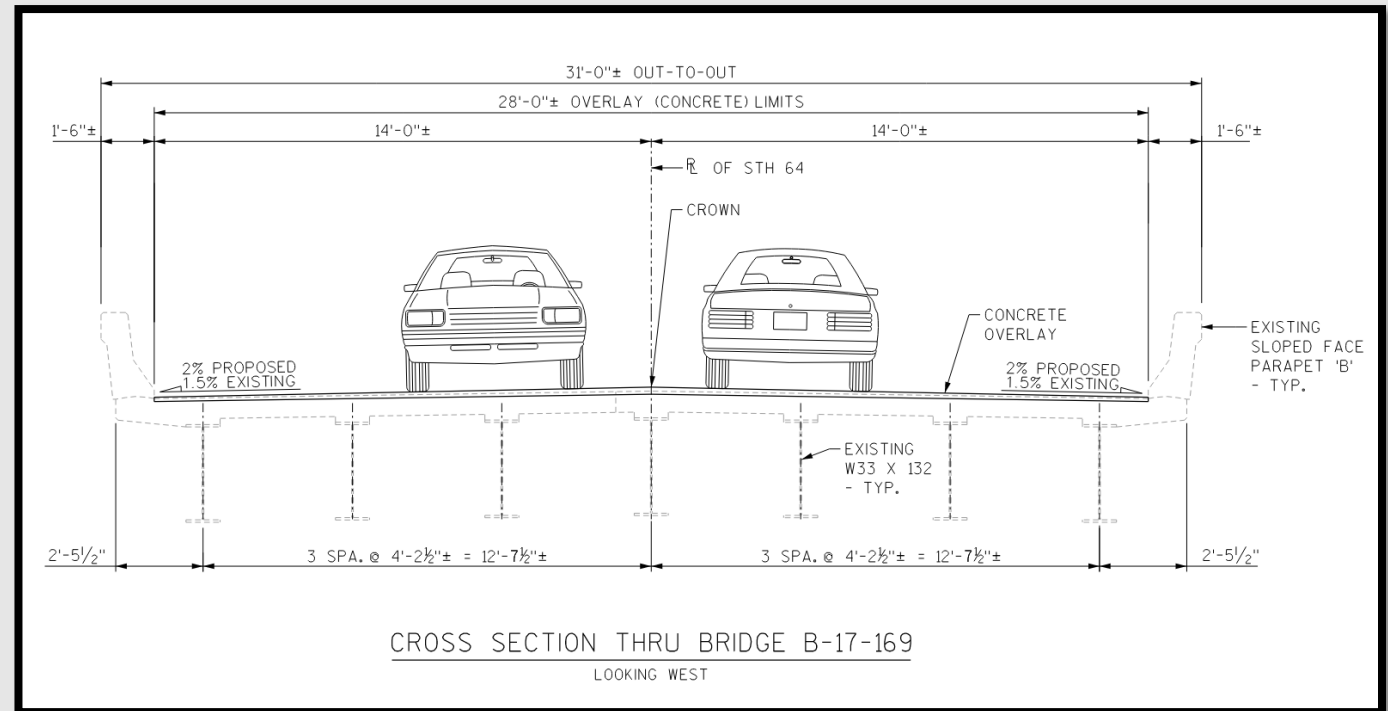
- Does not meet current standards
- At end of useful life



Proposed Improvements

Hay River Bridge

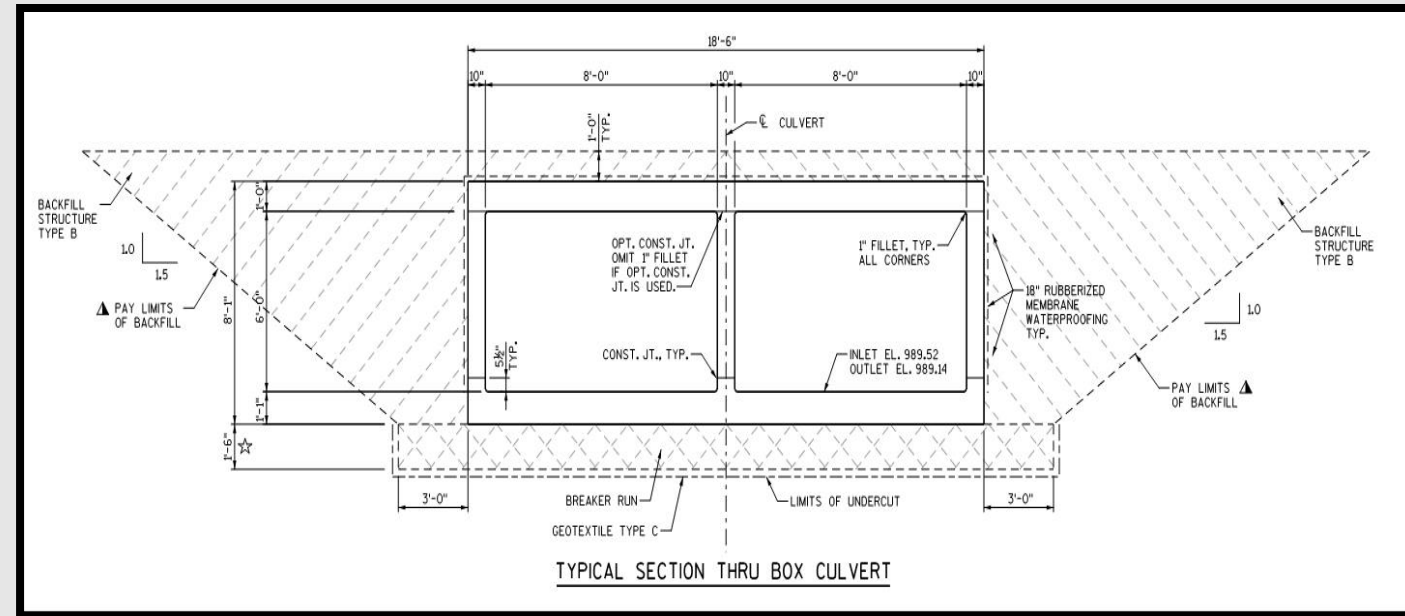
- Structure rehabilitation
 - Concrete deck overlay
 - Replace deck expansion joints
 - Repair spalling surfaces



Proposed Improvements

Otter Creek Twin Pipe Culvert

- Structure replacement
 - Current twin steel pipes nearing end of their useful life
 - Replace steel pipes with twin cell box culvert
 - Install riprap for erosion



Proposed Improvements

Drainage

- Culverts

- Repair, line or replace culvert pipes
- Clean culvert pipes with accumulated sediment
- Clean ditches near culverts to provide proper drainage
- Abandon one existing cattle pass



Proposed Improvements

Guardrail

- Existing systems will be replaced
 - Includes 21 systems
 - Includes installing guardrail meeting current standards

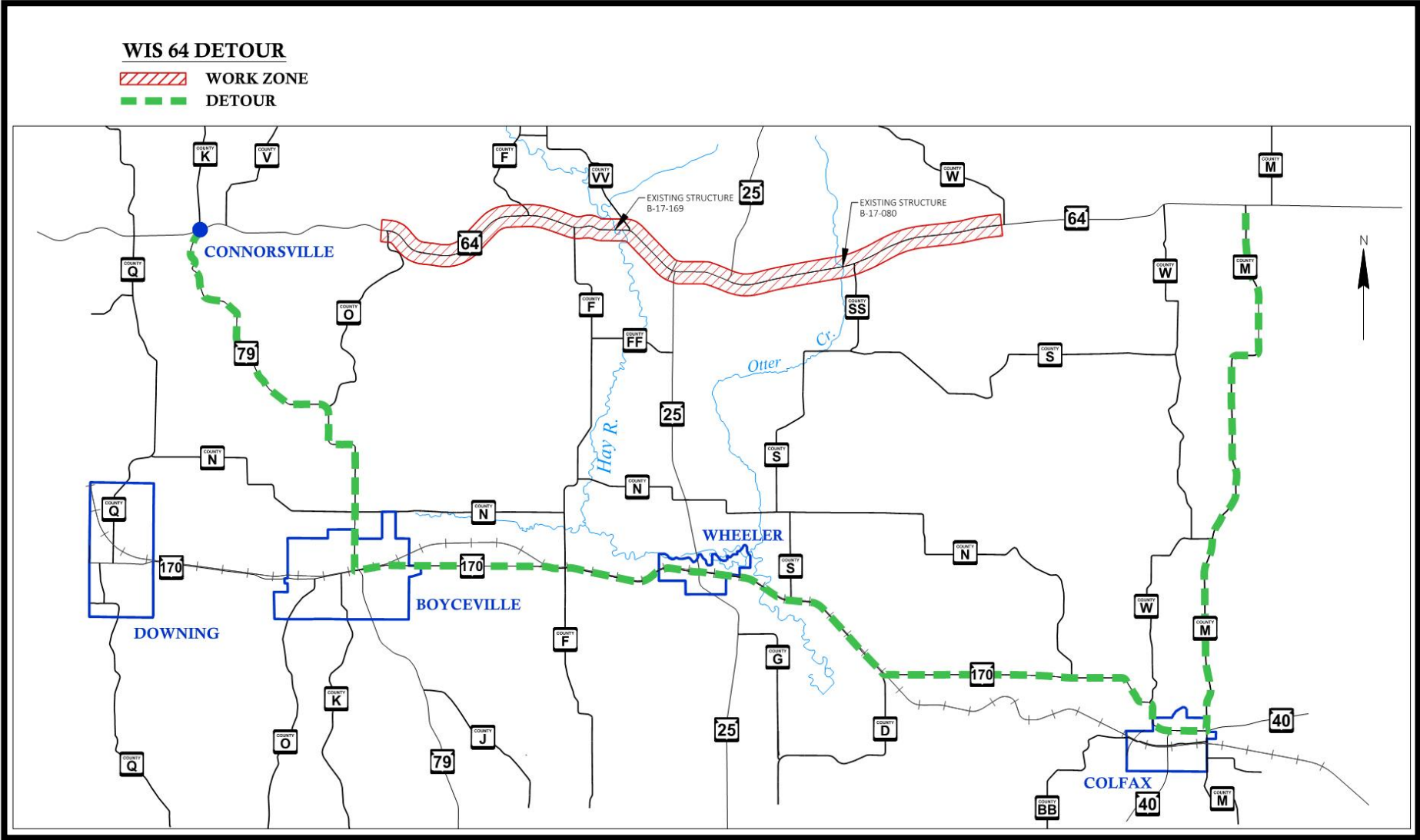


Traffic Impacts

- During construction:
 - WIS 64 closed to through traffic
 - Planned detour route to utilize WIS 79, WIS 170 and County M to detour non-local traffic
 - Local traffic to be subject to spot closures at Hay River and Otter Creek
 - Access to properties and businesses to be maintained



Traffic Impacts



Project Schedule

- Begin preliminary design – Summer 2021
- Complete preliminary design– Winter 2022
- Complete environmental document – February 2022
- Submit final plans – May 2024
- Start construction – Spring 2025





Contact Information

Comments on the project are being accepted through Friday, Dec. 31 by:

- Email: Jessica.Bowker@dot.wi.gov
- Phone: (715) 577-2963
- Mail: Wisconsin Department of Transportation
Attn: Jessica Bowker (WIS 64 Dunn)
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