

Public Involvement Meeting

I-39 Bridge Maintenance

WIS 21 over I-39
I-39 northbound over County CH
I-39 southbound over County CH

Waushara County

Project I.D. 1166-06-32 and 1166-07-34



January 23, 2014

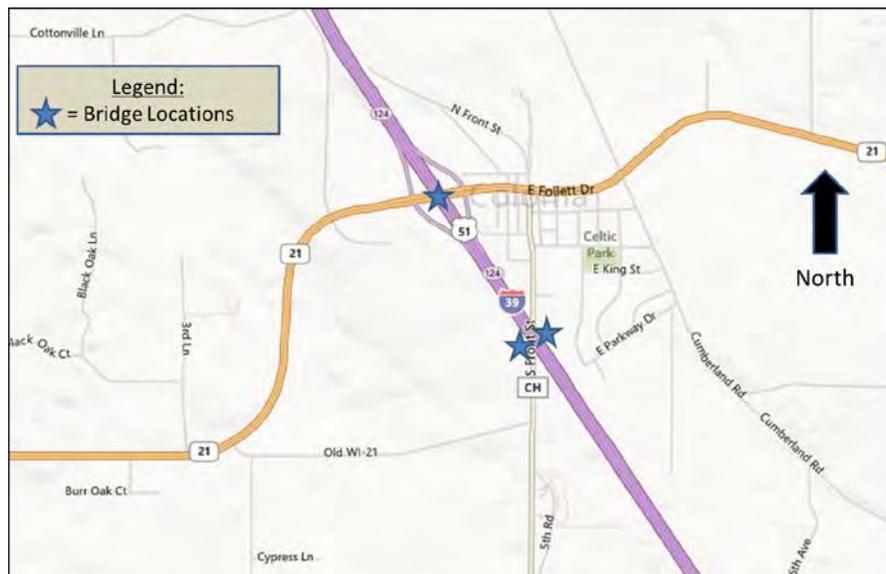
6 to 8 p.m.

**Anna Follett Community Center
Village of Coloma**

The Wisconsin Department of Transportation (WisDOT) is planning improvements to three structures located along I-39 in Waushara County: two over Waushara County CH; and the WIS 21 bridge over I-39 in Coloma.

The objective of tonight's meeting is to discuss the purpose and the need for the project as well as obtain your input on the proposed improvements, construction schedule, and traffic impacts. After a brief presentation, the meeting will follow an open house format.

Project location



Project purpose and need

I-39, WIS 21 and County CH serve important roles for statewide and local travel:

- Critical to Wisconsin's travel patterns and support of the state's economy
- Gateways through Central Wisconsin and to the community
 - I-39 connection to the Northwoods
 - WIS 21 linking I-94 to the Fox River Valley
- Priority routes for oversize/overweight vehicle travel
- Primary routes through the village of Coloma
- Service the commercial business districts
- Principal routes for emergency services

The existing bridges on these priority corridors, I-39 over County CH and WIS 21 over I-39, are exhibiting signs of deterioration and require maintenance and repair. The deterioration is due to a combination of age, surface wear, and weathering. In addition, the WIS 21 bridge over the northbound lanes of I-39 lacks desirable vertical clearance to accommodate oversize loads.

Proposed improvements

- I-39 southbound over County CH
 - Minor bridge deck surface repairs
 - Place a polymer surface on the bridge deck
 - Paint the existing steel girders
- I-39 northbound over County CH
 - Mill and overlay the bridge deck
 - Place a polymer surface on the bridge deck
 - Paint the existing steel girders
- WIS 21 over I-39
 - Raise the east end of the bridge to increase vertical clearance on I-39
 - Mill and overlay the bridge deck
 - Replace the WIS 21 mainline pavement and shoulders on both ends of the bridge deck to match into the new bridge deck height
 - Re-stain the parapet walls
 - Replace the beam guard attached to the bridge
 - Place a 4 inch asphalt overlay of northbound I-39 underneath WIS 21 to preserve the underlying mainline concrete pavement
 - Paint the existing steel girders

Other improvements along WIS 21 include minor grading on the side slopes of the roadway to accommodate the new profile, adjustments to the curbed median and storm sewer system, and replacing permanent signing and pavement marking between the ramp terminals.

Improvements will also include miscellaneous repairs on all three bridges.

The proposed improvements will not require right of way acquisition.

Proposed traffic impacts during construction

Construction is currently scheduled to begin in the fall of 2014 with completion in the fall of 2015. Proposed traffic impacts associated with construction include:

- Periodic lane closures on I-39
- A detour of WIS 21 during spring 2015
- A single lane of traffic on County CH under the I-39 bridges with temporary traffic signals during late summer of 2015.

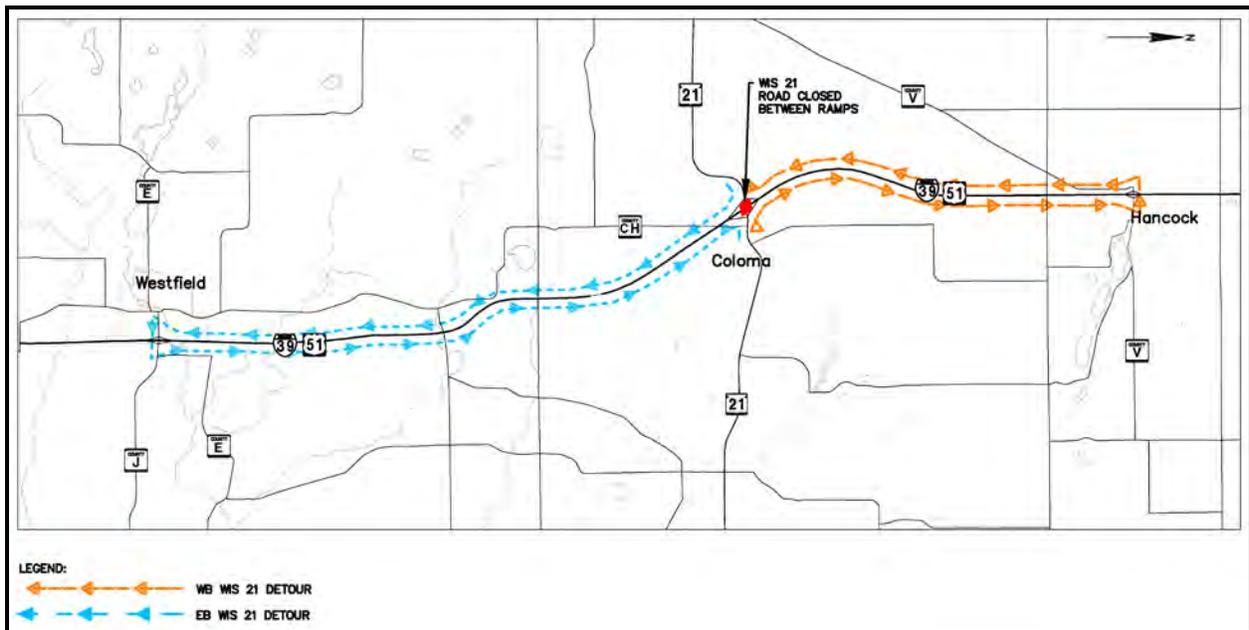
The proposed construction staging plan was developed to balance safety and mobility for traffic, while minimizing traffic impacts and potential affects to the local community and businesses.

To raise the east end of the WIS 21 structure, crews will need to close the bridge for approximately 8 to 10 weeks. The interchange ramps will remain open throughout construction, with some lane closures.

Whenever we close a highway for construction we are expected to select a detour route for traffic that operates similarly to the system that is being closed. Our first objective is to ensure that the roadways to which state highway traffic will be detoured is safe for car and truck traffic. We select the shortest route that will safely handle the detoured highway's type and amount of traffic without creating damage to the posted detour route.

Earlier in the design process we analyzed several detour alternatives. All of the alternatives were reviewed based on additional travel distance, time, and the viability of the roadway(s) for use as a detour route (safety and road condition).

Based on the analysis of all viable detour alternatives, the preferred WIS 21 detour route uses I-39 and the adjacent interchanges at Hancock and Westfield.



When our staff met with local and county officials and business leaders in early January, we obtained feedback that it is important to the village of Coloma to reduce traffic impacts during the summer. After obtaining that information, our staff reworked the construction staging for all of the bridge improvements. Work on WIS 21 is now scheduled to take place in spring 2015 and not in the summer.

We will continue to do whatever is possible to minimize the amount of time necessary to keep the bridge closed. Our staff can also work with local businesses to elevate the visibility of the community during the bridge closure through the department's *In This Together* program.

Proposed construction staging

The projects are scheduled to be built during two consecutive construction seasons:

- **Stage 1:** I-39 northbound shoulder preparation
 - Construction timeline: September – October 2014
 - Traffic impacts:
 - I-39 northbound: Single, weekday lane closures. No weekend lane closures.
 - WIS 21: No traffic impacts
 - County CH: No traffic impacts
 - Completion: October 2014

- **Stage 2:** I-39 northbound over County CH (bridge rehabilitation)
 - Construction timeline: October – November 2014
 - Traffic impacts:
 - I-39 northbound: Single lane closure with barrier wall and a 14 foot maximum width restriction during the first three weeks of construction.
 - WIS 21: No traffic impacts
 - County CH: No traffic impacts
 - Completion: November 2014

- **Stage 3:** WIS 21 over I-39 (bridge raising and rehabilitation)
 - Construction timeline: March – May 2015
 - Traffic impacts:
 - I-39: Single, weekday lane closures in the northbound and southbound lanes
 - WIS 21: Bridge closed between ramp terminals; WIS 21 detoured via I-39
 - County CH: No traffic impacts
 - Completion: May 2015 (before Memorial Day)

- **Stage 4:** I-39 northbound overlay, I-39 southbound shoulder preparation and I-39 polymer overlays
 - Construction timeline: June – July 2015
 - Traffic impacts:
 - I-39: Single, weekday lane closures. No weekend lane closures.
 - WIS 21: No traffic impacts
 - County CH: No traffic impacts
 - Completion: July 2015

- **Stage 5:** County CH bridge painting
 - Construction timeline: July – August 2015
 - Traffic impacts:
 - I-39: Some shoulder closures near County CH
 - WIS 21: No traffic impacts
 - County CH: Single lane of traffic under bridges with barrier wall and temporary traffic signals
 - Completion: August 2015

- **Stage 6:** WIS 21 bridge painting
 - Construction timeline: September – November 2015
 - Traffic impacts:
 - I-39 staging (three stages):
 - a) Southbound outside lane closure with barrier wall
 - b) Northbound and southbound inside lane closures with barrier wall
 - c) Northbound outside lane closure with barrier wall
 - WIS 21: No traffic impacts
 - County CH: No traffic impacts
 - Completion: November 2015

Current project schedule

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|------------------------------------|-----------------------------|
| • Environmental documentation | Complete |
| • Preliminary design | Complete |
| • Local officials meeting | January 9, 2014 |
| • Public involvement meeting | January 23, 2014 |
| • Final design | May 1, 2014 |
| • Construction currently scheduled | Fall 2014 through fall 2015 |

Public input/comments

We encourage you to talk to the project representatives and ask them questions. Attached to this handout is a sheet for your written comments and input regarding the proposed improvements. Please mail any written comments about the project before **February 13, 2014** or leave them in the comment box tonight. You can also e-mail your comments to the contacts listed below.

Your comments assist us in developing a project that will serve the needs of the traveling public as well as the needs of the local community. Your input is welcome and appreciated throughout the design process.

For more information, please contact:

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