

**WIS 19 and US 151 Interchange
Sun Prairie, Dane County
Project 6085-02-75**

**Wisconsin Department of Transportation
Southwest Region – Madison Office**

Virtual Public Involvement Meeting

May 2021



Project team

WisDOT Project Team

- David Schmidt, Southwest Region Project Manager
- Steven Theisen, Southwest Region Communications Manager

Consultant Design Team

- Oneida Engineering Solutions



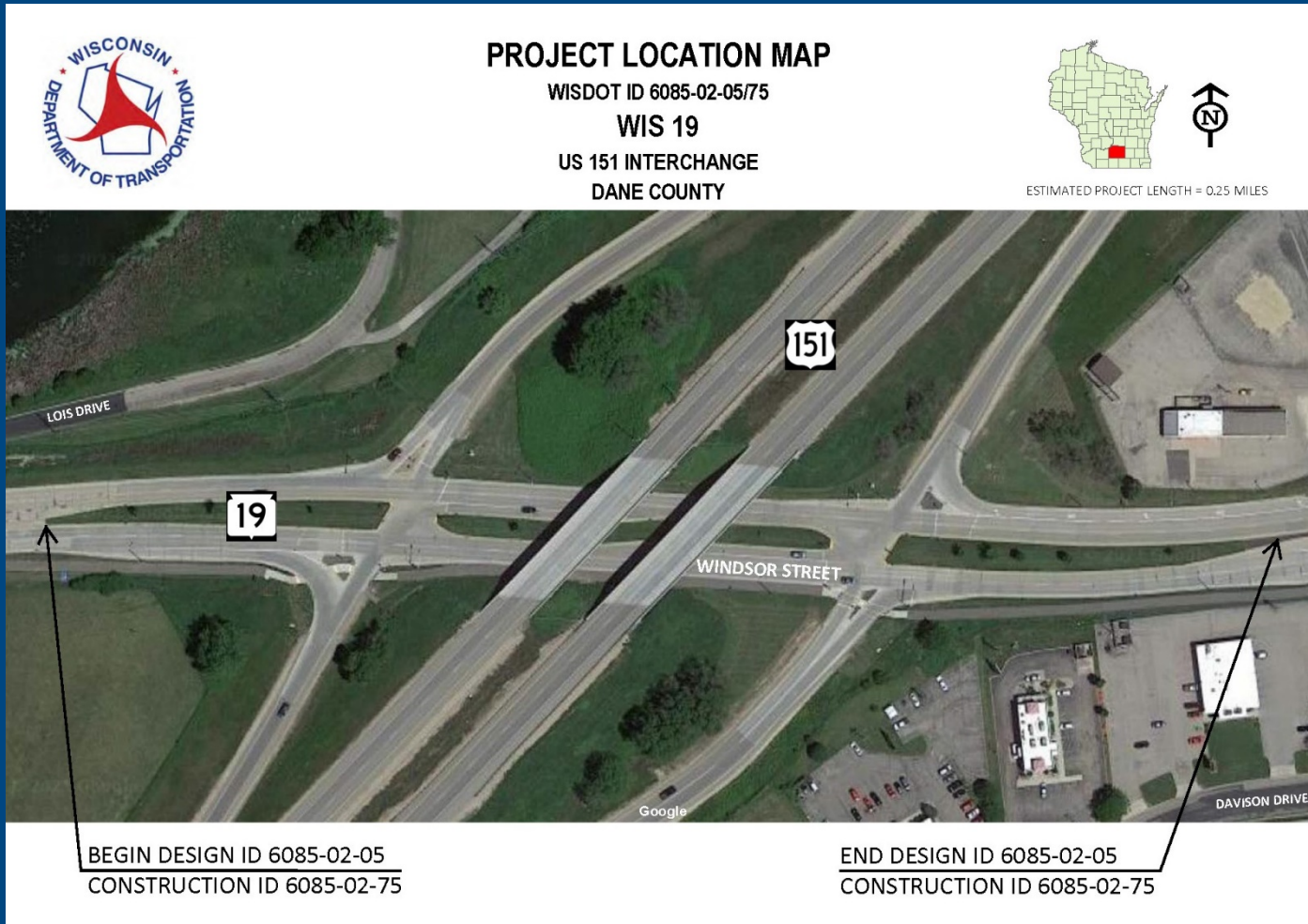
Presentation agenda

- Project information
- Environmental resources
- Conceptual solutions to improve safety
- Traffic during construction
- Project schedule
- Providing public input
- Project contacts



Project information

Project limits along WIS 19: from Lois Drive to Davison Drive



Project information

Project purpose

- Reduce the overall number and severity of crashes along WIS 19 at the US 151 interchange;
- Better accommodate turning lane capacity and large truck turning movements to minimize impacts to through traffic.

Project need

- Reduce high-speed angle crashes.
 - From 2014 through 2018, 34 crashes occurred at the WIS 19 intersection with the southbound US 151 ramps, and 31 crashes occurred at the intersection with the northbound US 151 ramps, for a total of 65 crashes. At both locations, high-speed angle crashes are most common.



Environmental resources

An environmental review will be completed in the spring 2021, prior to the project moving into the final design phase.

- The review will identify any natural, cultural, historic, and socio-economic conditions that may be present in the area.
- Strategies will be evaluated and, whenever possible to a reasonable extent, implemented into the design to avoid, minimize, and/or mitigate potential impacts to these valuable resources.



There are no temporary or permanent real estate acquisitions, or relocations anticipated with the project.

Conceptual solutions

New concrete pavement was placed along WIS 19 at the US 151 interchange in 1996.

- The existing pavement is in good condition and has a considerable number of years remaining in its service life.



As a result, only safety improvements are needed at this time.

Failure to make safety improvements will likely result in an increased number of crashes as the volume of traffic increases over time.

Conceptual solutions

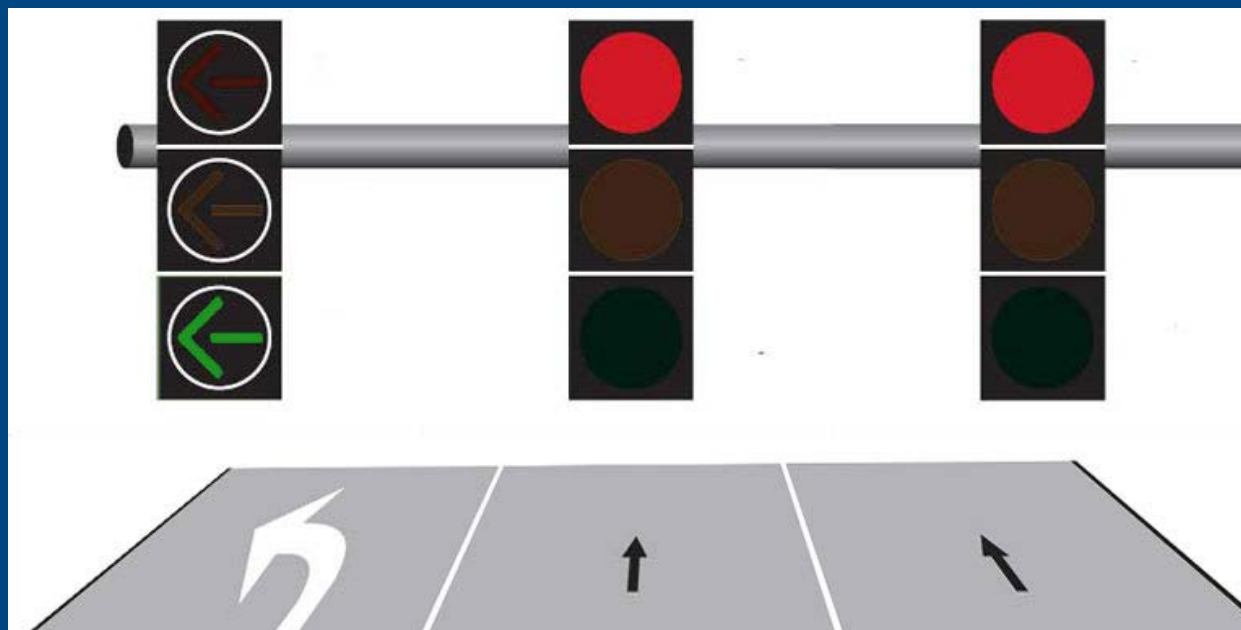
WisDOT proposes to improve safety by reducing the frequency and severity of intersection conflicts, and improving driver awareness of the intersection and signal controls using the following measures (described in more detail on the following slides):

1. Replace permissive left turns with protected left turns.
2. Improve visibility of signals at intersections
3. Provide longer left turn lanes
4. Widen the southbound US 151 ramp terminal



Conceptual solutions

1. Replace permissive left turns with protected left turns.



- Signalized intersections with a high frequency of angle crashes that involve left turning and oncoming vehicles are expected to have fewer crashes with protected left turn signal phasing since opposing traffic is restricted from entering the intersection.

Conceptual solutions

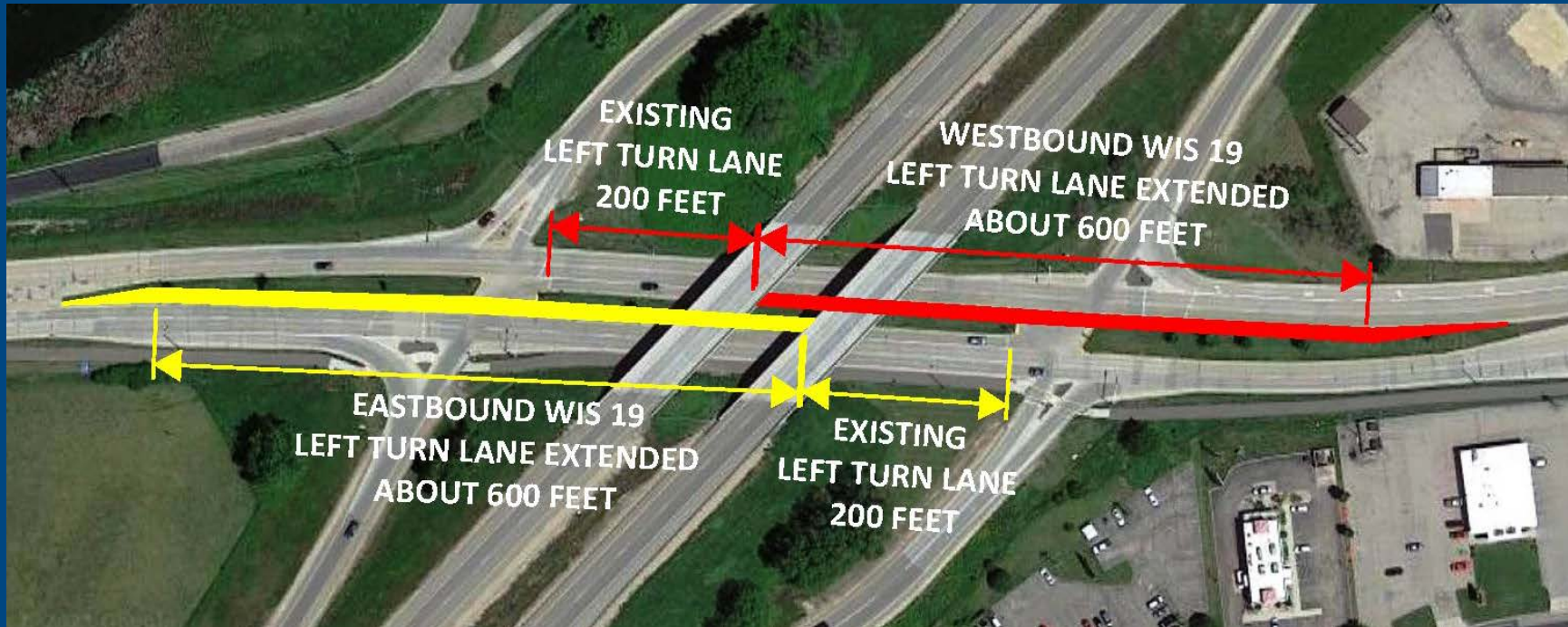
2. Improve visibility of signals at intersections.



- Signalized intersections with a high frequency of angle and rear-end crashes are expected to have fewer crashes with the installation of a signal head over each lane since drivers should have a better visual and understanding of the lanes to aid in their safe navigation through the intersection.

Conceptual solutions

3. Provide longer left turn lanes



- By providing longer left turn lanes with more capacity, the number of rear-end and sideswipe crashes between vehicles who are waiting to make a left turn and through vehicles traveling along WIS 19 is expected to be reduced.

Conceptual solutions

4. Widen the southbound US 151 ramp terminal



- By providing wider pavement, large trucks will have more room to turn right onto westbound WIS 19 without driving over the curb resulting in less damage to trucks, the splitter island, traffic signs, and the signal/light pole.

Traffic during construction

WIS 19

- Staged construction will allow at least one lane of WIS 19 to remain open during daytime operations.
- Overnight closures are likely for the installation of overhead signals.

US 151

- Overnight ramp closures are likely

Access will be maintained to private residences and local businesses.



Project schedule

Complete environmental review	Summer 2021
Finalize roadway design plans	Fall 2022
Construction	Summer 2023



Public input

Thank you for viewing this presentation. Your input is welcome and appreciated!

Online comment form available on the project website at:

wisconsindot.gov > Search for "WIS 19 at US 151 interchange"

Comments received prior to **July 10, 2021** will be included in the final environmental document



Project contacts

Please feel free to reach out by email, postal mail, or give us a call. Contact information is provided below and on the project website at the link below.

wisconsindot.gov/Pages/projects/by-region/sw/wis19-us151/default.aspx

David Schmidt, Project Manager

WisDOT Southwest Region

2101 Wright Street

Madison, WI 53704

(608) 246-3867

David2.Schmidt@dot.wi.gov

Steven Theisen, Communications Manager

WisDOT Southwest Region

2101 Wright Street

Madison, WI 53704

(608) 884-1230

Steven.Theisen@dot.wi.gov

