

WIS 80, WIS 11

Public Involvement Presentation

5330-02-03/73

**WIS 80; Hazel Green – Platteville
Illinois State Line to WIS 11**

1706-06-01/71

**WIS 11; Dubuque - Shullsburg
V Hazel Green W Limit to V N Limit**

Grant County

December 8, 2021



Who can I talk to about these projects?

- Adam Kopp, PE
 - WisDOT Project Manager
- Greg Messling
 - WisDOT Real Estate Specialist
- Brad Groh, PE
 - Consultant Project Manager (JT Engineering, Inc.)



Presentation Agenda

- Project Location
- Project Purpose and Need
- Design Overview
- Real Estate
- Traffic Impacts
- Project Schedule
- Other Nearby Projects
- Contact Information



Project Location

Project 1706-06-01/71 and 5330-02-03/73



Why do we need these projects?

Pavement Surface and Corridor Safety



What Improvements are Proposed?

Pavement Surface and Corridor Safety

Improvements include:

- New asphalt pavement surface
- Wider shoulder pavement
- Rumble strips
- Wet reflective pavement marking
- Culvert work to improve slopes around Buncombe Road
- Curb ramp reconstruction
- New street lighting at WIS 11/80 intersection
- Left-turn lane at Louisburg Road (northbound to westbound)

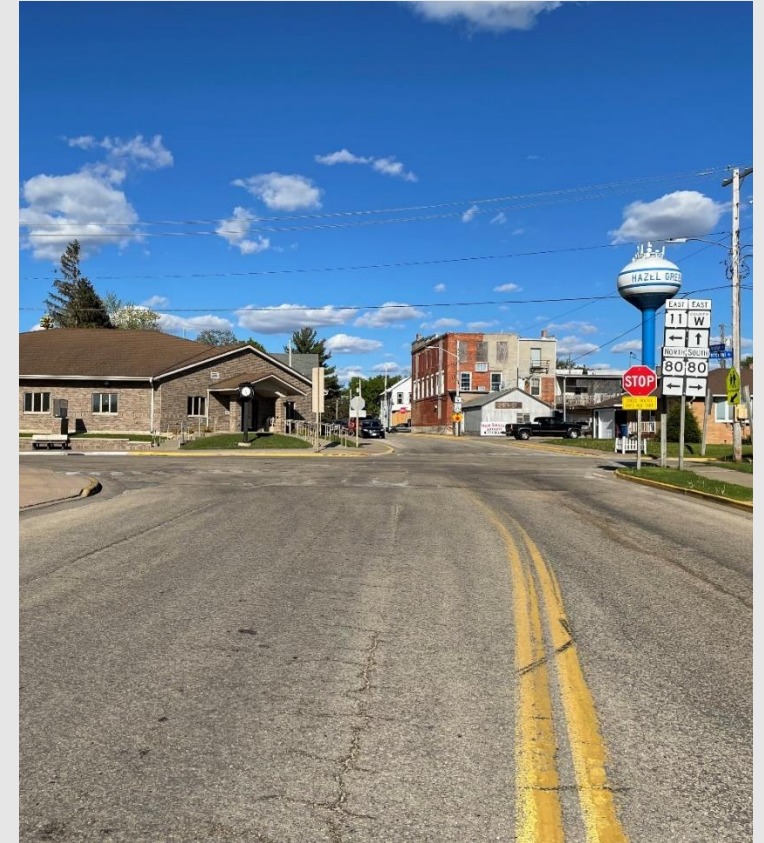


Why do we need these projects?

WIS 11/80/County W intersection

Existing Intersection

- Two-way stop control
- Offset intersections
- Important Oversized/Overweight (OSOW) route
- Safety concerns

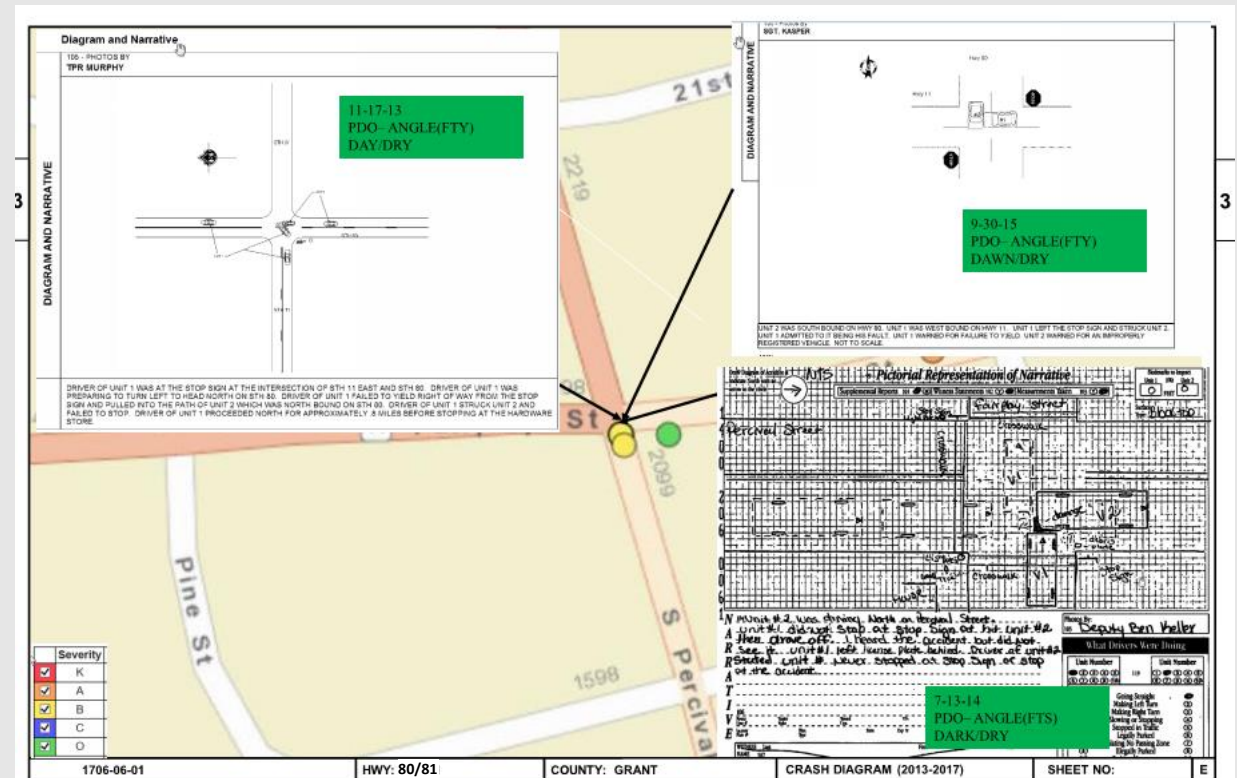


Why do we need these projects?

WIS 11/80/County W intersection

Safety Performance of Current Intersection

- Between 2013 and 2017
 - Failure to yield crashes are the dominant crash type
 - Zero fatal crashes
 - Three injury crashes
 - Five property damage crashes



Why do we need these projects?

WIS 11/80/County W intersection

Truck Accommodations – Freight Route

- WIS 11 is a major State OSOW route (Five-year history summary below)
- Many of the OSOW vehicles and regular semis are driving over curbs and power poles have been hit

Load counts for OSOW loads traveling through the intersection for the previous 5 years.

Generated on 04/10/2020

	2019	2018	2017	2016	2015
Loads greater than 14' wide	114	196	149	95	94
Loads greater than 16' wide	34	55	66	25	22
Loads greater than 100' length	110	116	207	174	191
Loads greater than 150' length	12	5	49	2	6



Why do we need these projects?

WIS 11/80/County W Intersection

Truck Accommodations – Freight Route

- Significant scuffing on curbs from tires
- Paved terrace deteriorated in areas of truck overtracking



Why do we need these projects?

WIS 11/80/County W intersection

Truck Accommodations – Freight Route



Why do we need these projects?

WIS 11/80/County W intersection

Truck Accommodations – Freight Route



What improvements are proposed?

WIS 11/80/County W intersection

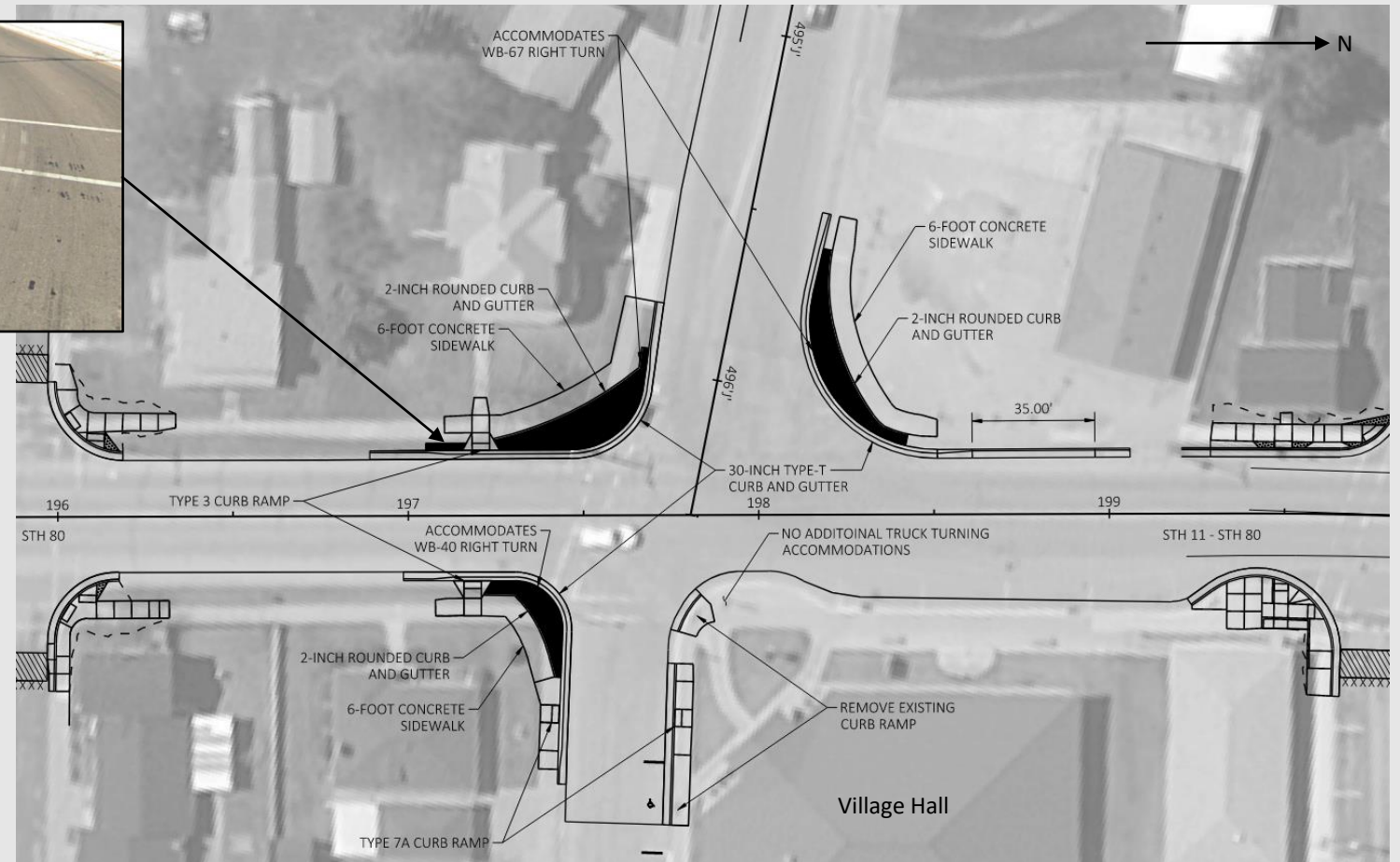
- Intersection Control Evaluation conducted for four alternatives
 - **Adding left-turn lanes**
 - Left-turn lanes don't sufficiently address the safety or operations issues
 - **Signal alternative**
 - Intersection did not meet WisDOT signal warrants
 - **Single-lane roundabout**
 - Improves intersection operations and safety, but not supported by village
 - **Truck apron enhancement (WisDOT Preferred Alternative)**
 - Improves turning movements for semis
 - Minimizes impact outside of existing intersection footprint



What improvements are proposed?

WIS 11/WIS 80/County W Intersection

Conceptual Truck Apron Enhancement Alternative

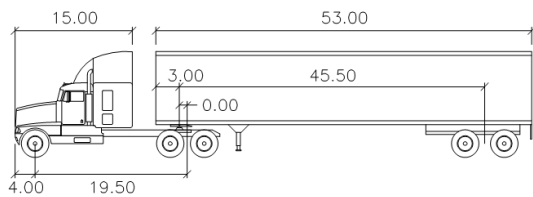


What improvements are proposed?

WIS 11/WIS 80/County W Intersection

Truck Apron Enhancement – Design Vehicle

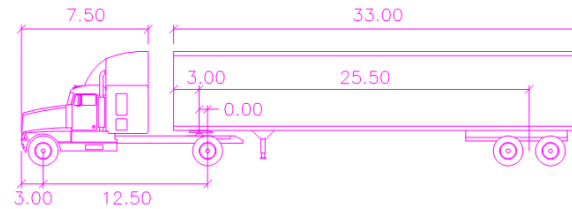
- Typical semi (WB-67)
 - WIS 11 and WIS 80 movements
- Smaller semi (WB-40)
 - To and from County W



WB-67

feet

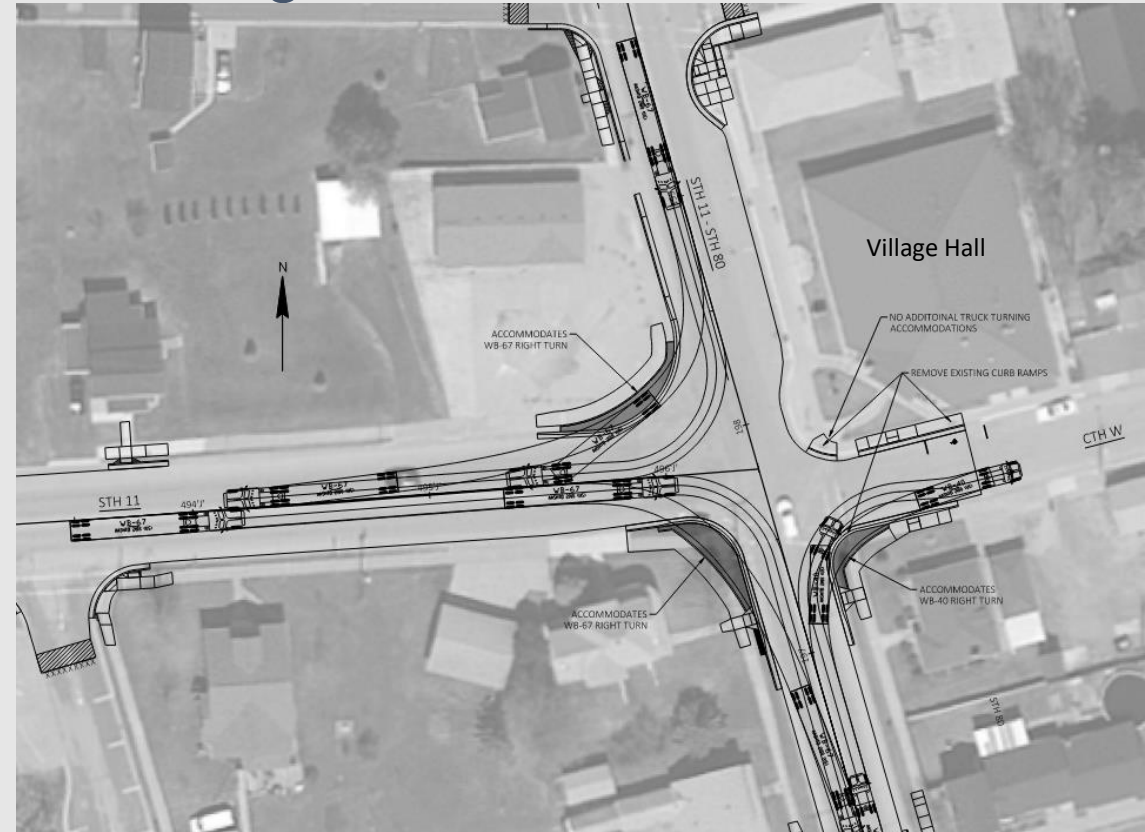
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.50		



WB-40

feet

Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.00	Steering Angle	: 20.3
Tractor Track	: 8.00	Articulating Angle	: 70.0
Trailer Track	: 8.00		

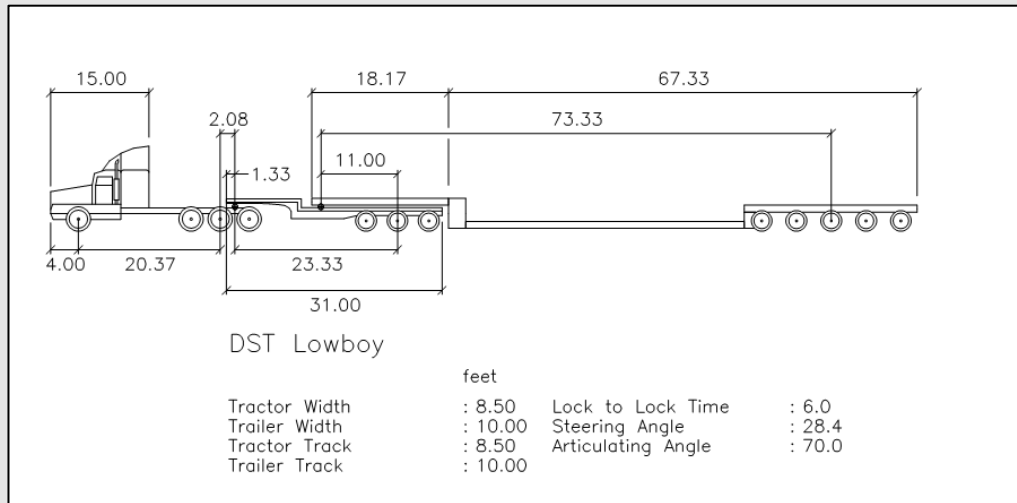


What improvements are proposed?

WIS 11/WIS 80/County W Intersection

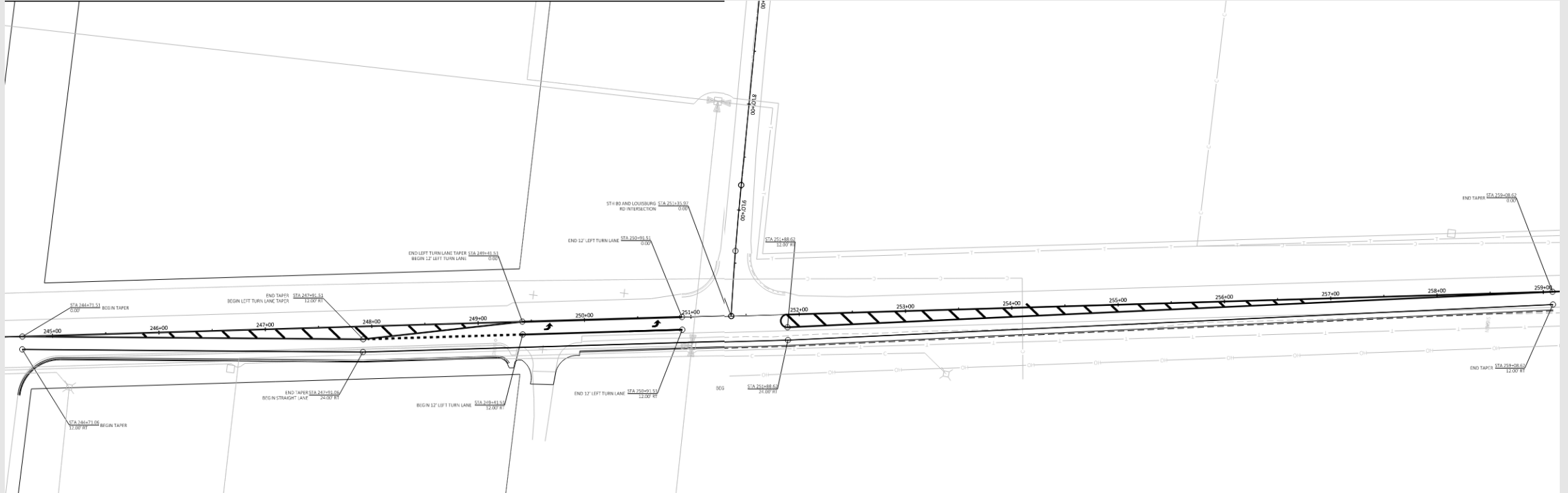
Truck Apron Enhancement – OSOW Accommodations

- Wind Tower Trucks
- DST Lowboy (see pictures)



What improvements are proposed?

Louisburg Road Left-Turn Lane



What will the real estate impacts be?

- Permanent Right of Way Needs
 - Intersection improvements – WIS 11/80 and Louisburg Road left-turn
 - Some curb ramps in Hazel Green
 - Culvert pipe extension near Buncombe Road
- Temporary Easement Needs
 - Most curb ramps in Hazel Green
- Real Estate Contact Information
 - Greg Messling
 - (608) 785-9035
 - greg.messling@dot.wi.gov



What will happen to WIS 11 and WIS 80 traffic during construction?

- Flagging operations where possible
- Detours may be necessary during WIS 11/80 truck apron work
- Access will be maintained for residents and businesses



Current Project Schedule

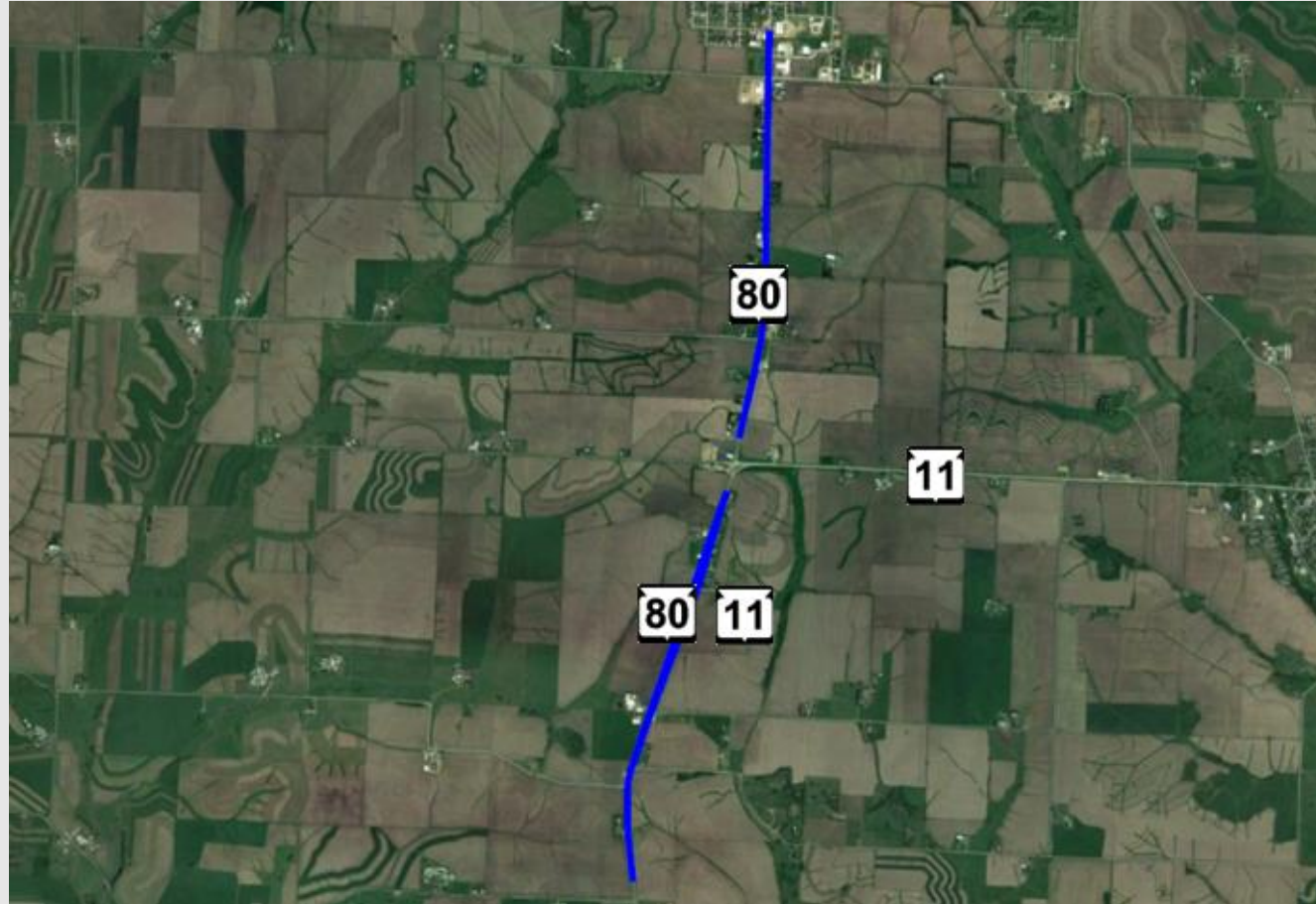
Project 1706-06-01/71 and 5330-02-03/73

- Environmental Document Winter 2022
- 60% Plans Winter 2022
- Real Estate Plat Winter 2022
- 90% Plans Spring 2023
- Real Estate Acquisitions Complete Summer 2023
- Final Plans August 2023
- Construction 2024



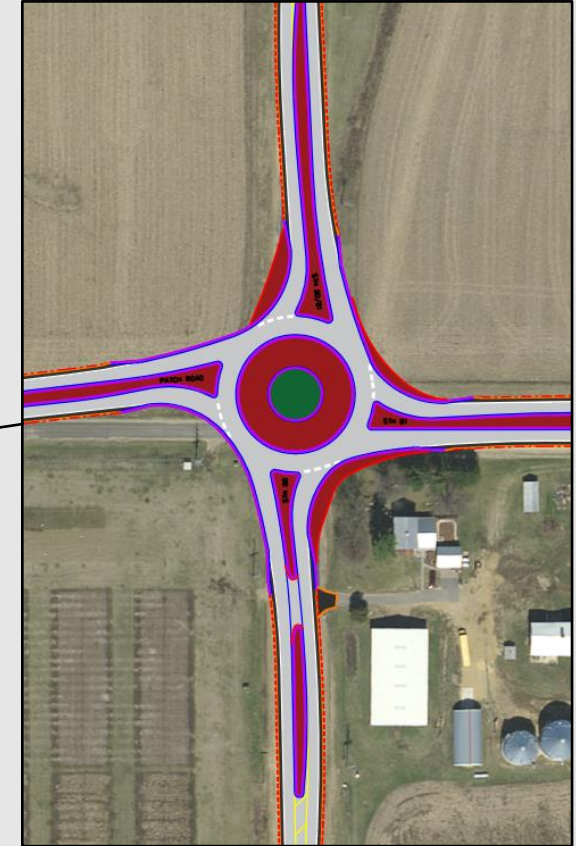
Other Nearby Projects

Project 1706-06-00/70 and 5235-03-01/71



Other Nearby Projects

Project 5235-03-00/70



Thank you

- If you have any comments or questions please send us an email, give us a call, or send mail to:

2101 Wright St
Madison, WI 53704

- Additional project information will be regularly provided on the following project website:

<https://wisconsindot.gov/Pages/projects/by-region/sw/wis80-grantcounty/default.aspx>



Project Design Contact Information

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