


WIS 73/WIS 80/Wood County A Intersection Public Involvement

Mark Steidl, P.E. and Carolyn Brugman, P.E.
 Project Manager and Project Leader

Pittsville Community Hall
 Pittsville, Wisconsin

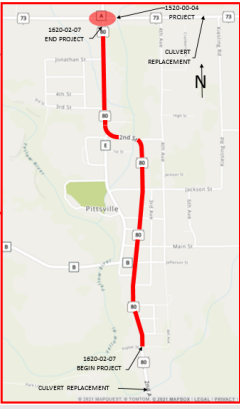



November 30, 2022

1

Project Location



2

2

Project Need

- Pavement deterioration
- Deteriorated drainage inlets
- Deficient culverts
- Sidewalk ramps do not meet current ADA standards
- Intersection Safety
 - 24 crashes in 10 years (2012-2021)
 - Angle (“T-bone”) crashes are the most common




3

3

Project Need

	Total Intersection Crashes by Severity				
	Fatal	Incapacitating Injury	Non-incapacitating Injury	Possible Injury	Property Damage
2012			1		2
2013				1	3
2014					2
2015					1
2016					3
2017					
2018					1
2019			1		4
2020				1	
2021			2		2
Total	0	0	4	2	18



4

4

Project Purpose

- Improve pavement condition and ride quality
- Improve safety and operations at WIS 73/WIS 80/Wood County A intersection
- Improve drainage by addressing deteriorated roadway drainage inlets and deficient culverts
- Address sidewalk curb ramps



WIS 80 - Update

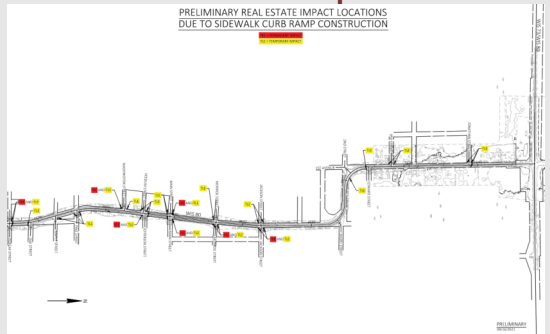
Poplar Street to WIS 73/WIS 80/Wood County A Intersection

- Pavement resurface – mill 3.5” and replace with 3.5” asphalt
- Replace deteriorated inlets and curb and gutter
- Culvert replacements - ¼ mile south of Poplar St and WIS 73 between 4th Ave and Kiesling Rd
- Replace curb ramps – real estate required for some
 - Raised detectable warning fields
 - Adjust ramp grades



WIS 80 - Update

Real Estate Impacts



Intersection Control Evaluation

WisDOT's method for evaluating and comparing intersection improvements

1. Develop improvement alternatives to address identified needs
2. Compare improvement alternatives based on safety, traffic operations, cost, access impacts, and public opinion



WIS 73/Wis 80/Wood County A Intersection

Alternatives that meet needs of intersection

- All-Way Stop
 - Currently in design
- Roundabout





9

9

WIS 73/Wis 80/Wood County A Intersection

Alternative: All Way Stop






10

10

WIS 73/Wis80/Wood County A Intersection

Alternative: Roundabout




11


11

WIS 73/Wis 80/Wood County A Intersection

Alternative Comparison

	All Way Stop	Roundabout
Cost	\$1.6 - \$2.6 million	\$2.1 - \$3.1 million
Safety*	Expected reduction in fatal/injury crashes. Expected reduction in property damage crashes	Expected reduction in fatal/injury crashes. May cause an increase in property damage crashes
Operations	Slight reduction in operations expected.	Slight improvement in operations expected.
Real Estate	No acquisition required	Acquisition required (extents to be determined)
Business Access Impacts	None	One Cenex driveway removed and one converted to right-in/right-out.
Traffic during Construction	WIS 73 will remain open Wood County A closed throughout WIS 80 closed and detoured 6 weeks (coincides with WIS 80 closure for resurface)	Traffic impacts during construction are to be determined. Likely to be additional impacts compared to all-way stop. Detour likely.
Public Opinion	We want to hear from you!	

* All comparisons made to existing condition


12

12

Traffic Impacts

- WIS 80 will remain open to traffic while construction is occurring in Pittsville
 - Single lane closures with flaggers
 - Temporary driveway closures may be necessary
 - WIS 80 closed at culvert location (0.25 mile south of Poplar Street) during culvert replacement
- Roadway closures expected during intersection construction
 - WIS 73 culvert will be replaced half at a time with single lane closures and flaggers



13

Next Steps

- Review feedback from public and updated costs to determine preferred intersection alternative
- Additional local official and public involvement meetings in 2023 when finalized intersection improvement is selected
- Final design Fall 2024
- Construction 2025



14

Comments

Provide comments by Dec. 15, 2022

- Fill out comment form provided today
 - Fill out today and drop in box or
 - Send to: Carolyn Brugman, 1681 Second Ave. South, Wisconsin Rapids, WI 54495
- Fill out comment form on the project website
- Email carolyn.brugman@dot.wi.gov



15

Questions?



16