

# Public Involvement Meeting Handout

**WIS 57  
Teutonia Avenue to Mequon Road  
Milwaukee and Ozaukee Counties**

Project ID: 2270-04-70



**May 17<sup>th</sup>, 2016  
(4pm to 6pm)  
Village of Brown Deer – Community Center**

## **Purpose of the meeting**

WIS 57 carries approximately 27,500 vehicles per day and WIS 100 carries approximately 23,200 vehicles per day within Milwaukee County. Trucks comprise 7% of the volumes along both roadways. WIS 100 is a designated long truck route and a primary route on the statewide Oversize/Overweight Truck Route.

The project need is based upon:

- Deteriorating condition of the WIS 57 bridge over WIS 100
- Inadequate vertical clearance
- Deteriorating pavement condition
- Safety concerns

Public input is needed for reconstruction alternatives of WIS 57 at WIS 100. The alternatives include:

1. Improved Service Interchange
2. Traditional At-Grade Intersection
3. Median U-turn Intersection

## **Meeting Format**

The meeting will be an open house format. WisDOT representatives will be available to answer questions and review alternatives.

## **Project information**

WisDOT is proposing to improve 3.4 miles of WIS 57 and 0.34 miles of WIS 100. Proposed improvements include the reconstruction of WIS 57 from Ruth Place to Deerwood Drive, and the rehabilitation of WIS 57 from Deerwood Drive to Mequon lane with intersection improvements and traffic signal upgrades along the corridor. WIS 100 between Deerwood Drive and Kildeer Court will also be reconstructed.

The project is expected to reconstruct WIS 57. The roadway centerline will be maintained to minimize disruption to residential and business properties.

The WIS 57/100 corridor will receive:

- Full reconstruction of WIS 57 – Ruth Place to Deerwood Drive
- Full reconstruction of WIS 100 – Deerwood Drive to Kildeer Court
- Operational and safety improvements
- Improved bicycle and pedestrian accommodations
- Traffic signal upgrades

An alternative selection Intersection Control Evaluation Report (ICE) evaluating the proposed reconstruction alternatives of WIS 57 at WIS 100 will be finalized with a recommendation once Public Input has been received

# STH 57 – Teutonia Ave to Mequon Road



## **Proposed traffic impacts**

Construction is scheduled to begin on (TBD).

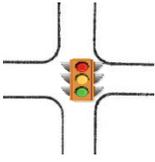
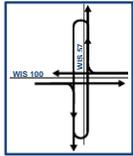
WIS 57/WIS 100 construction will be staged to minimize traffic disruption during construction. Access to residences and businesses will be maintained during construction. Temporary short term closures may be necessary. WisDOT will coordinate with affected residents and businesses prior to short term closures.

Construction is currently scheduled for completion on (TBD).

## **Real estate**

A small amount of additional highway right-of-way is required for intersection improvements along WIS 57. WisDOT expects to begin real estate acquisition in (TBD).

## Project alternative comparison Matrix

	 <b>Improved Service Interchange</b>	 <b>At-Grade Signalized Intersection</b>	 <b>Median U-Turn Intersection</b>
 <b>Strengths</b>	<ul style="list-style-type: none"> <li>✓ Familiar condition</li> <li>✓ Anticipated lower crash frequency</li> <li>✓ Lowest conflicting volumes</li> <li>✓ Lower user delay</li> <li>✓ Short pedestrian crossings at ramp termini</li> <li>✓ Low sensitivity to growth</li> </ul>	<ul style="list-style-type: none"> <li>✓ Familiar Condition</li> <li>✓ Greater exposure for redevelopment than Improved Service Interchange</li> <li>✓ Preferable conditions for pedestrians/bicycles compared to interchange</li> <li>✓ Local support favors at-grade</li> <li>✓ Potential future access</li> </ul>	<ul style="list-style-type: none"> <li>✓ Eliminates left turning movements</li> <li>✓ Reduces crash frequency and severity compared to traditional at-grade intersection</li> <li>✓ Improves through movement operations compared to traditional at-grade intersection</li> <li>✓ Greater exposure for redevelopment than Improved Service Interchange</li> <li>✓ Preferable conditions for pedestrians/bicycles compared to interchange</li> <li>✓ Local support favors at-grade</li> <li>✓ Low sensitivity to growth</li> <li>✓ Potential future access</li> </ul>
 <b>Weaknesses</b>	<ul style="list-style-type: none"> <li>✗ Two signals at WIS 57 / WIS 100</li> <li>✗ Bridge visually divides the village</li> <li>✗ Unsafe for pedestrians/ bicycles crossing free-flow ramps along WIS 57</li> </ul>	<ul style="list-style-type: none"> <li>✗ Higher Conflicting Volumes</li> <li>✗ Longer pedestrian crosswalks for WIS 57</li> <li>✗ Anticipated higher crash frequency</li> <li>✗ Higher overall user delay on WIS 57</li> </ul>	<ul style="list-style-type: none"> <li>✗ Unfamiliar Condition</li> <li>✗ Greater distance traveled for left-turning movements</li> <li>✗ Additional right-turn lanes required</li> </ul>

### Median U-Turn Intersection Resources

Median U-Turn Intersection, 2009, FHWA,

<http://www.fhwa.dot.gov/publications/research/safety/09057/>

Median U-Turn Intersection Informational Guide, August 2014, FHWA,

[http://safety.fhwa.dot.gov/intersection/alter\\_design/pdf/fhwasa14069\\_mut\\_infoguide.pdf](http://safety.fhwa.dot.gov/intersection/alter_design/pdf/fhwasa14069_mut_infoguide.pdf)

Alternative Intersections: Median U-Turns, FHWA, [https://www.youtube.com/watch?v=fshW\\_O\\_XggI](https://www.youtube.com/watch?v=fshW_O_XggI)

## **Project update/next steps**

Previous Public Involvement meetings have included the Improved Service Interchange and the Traditional At-Grade Intersection alternatives. The Median U-turn intersection alternative is a new alternative and has not been represented to the public before.

### **Previous meetings**

- Village of Brown Deer meeting – October 29, 2012
- Public Information Meeting – January 8, 2013
- Village of Brown Deer listening session – May 7, 2013
- Village of Brown Deer Local Official meeting – May 5, 2014
- Public Information Meeting - July 30, 2014
- Village of Brown Deer meeting – November 19, 2015
- Village of Brown Deer meeting – December 14, 2015
- Village of Brown Deer board meeting – February 1, 2016
- Village of Brown Deer meeting – March 21, 2016
- Village of Brown Deer board meeting – April 4, 2016

### **Project updates**

- Scoping level ICE completed
- Alternative Selection ICE pending PI which includes
  - Improved Service Interchange
  - Traditional At-Grade Intersection
  - Median U-Turn Intersection

The project environmental document is underway and expected to be completed in late 2016.

### **The next steps includes:**

- Review Public input
- Completion of ICE Report
- Finalize Environmental Document
- Complete Design Reporting and 60% Plan
- Real Estate Acquisition
- Final PS&E
- Bid Letting
- Construction

## **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 project. Please mail any written comments about the project before **(May 31<sup>st</sup>, 2016)** 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:

Al Gilbertson, PE  
Wisconsin Department of Transportation  
141 NW Barstow  
Waukesha, WI 53187  
(262) 548-8817  
Allen.gilbertson@dot.wi.gov



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Wisconsin Department of Transportation

141 NW Barstow Street

Waukesha, WI 53186

Attn: Allen Gilbertson

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