



CONNECTING WISCONSIN

**US 41 Public Information
Meeting
WIS 21 – US 45
US 41/21 Interchange**

February 23, 2012

Presentation Topics

- US 41 Overview
- US 41 Lake Butte des Morts Crossing Details
- US 41/WIS 21 Interchange Schedule
- Roundabouts
- Temporary Business Signing
- Question/Answer

US 41 Project overview

- Largest construction project in the history of Northeast Wisconsin
 - Reconstruct 17 miles in Winnebago County
 - Providing Intelligent Transportation Systems (ITS) with the project.
 - Providing freeway lighting at key areas to improve safety

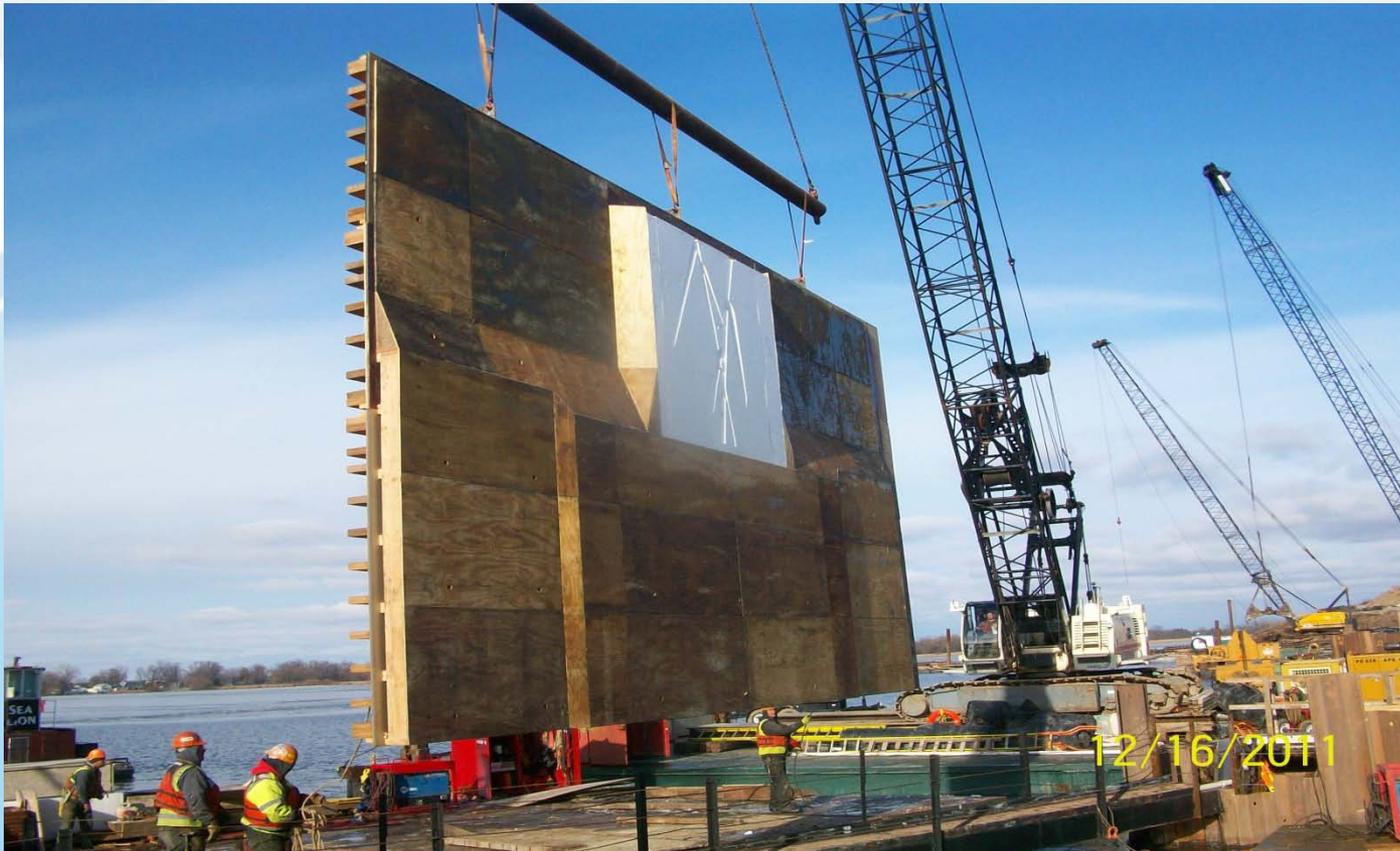
US 41 Lake Butte des Morts Crossing

- Replacing 6 existing bridges with 6 new bridges
- US 41 will have 8 lanes between WIS 21 and US 45 Interchanges... 4 in each direction
- Constructing virtual weigh-in-motion facility on US 41
- Construction 12' wide multi-modal path with fishing access from Koeller Street on south side to connect to WIOUWASH trail on north side

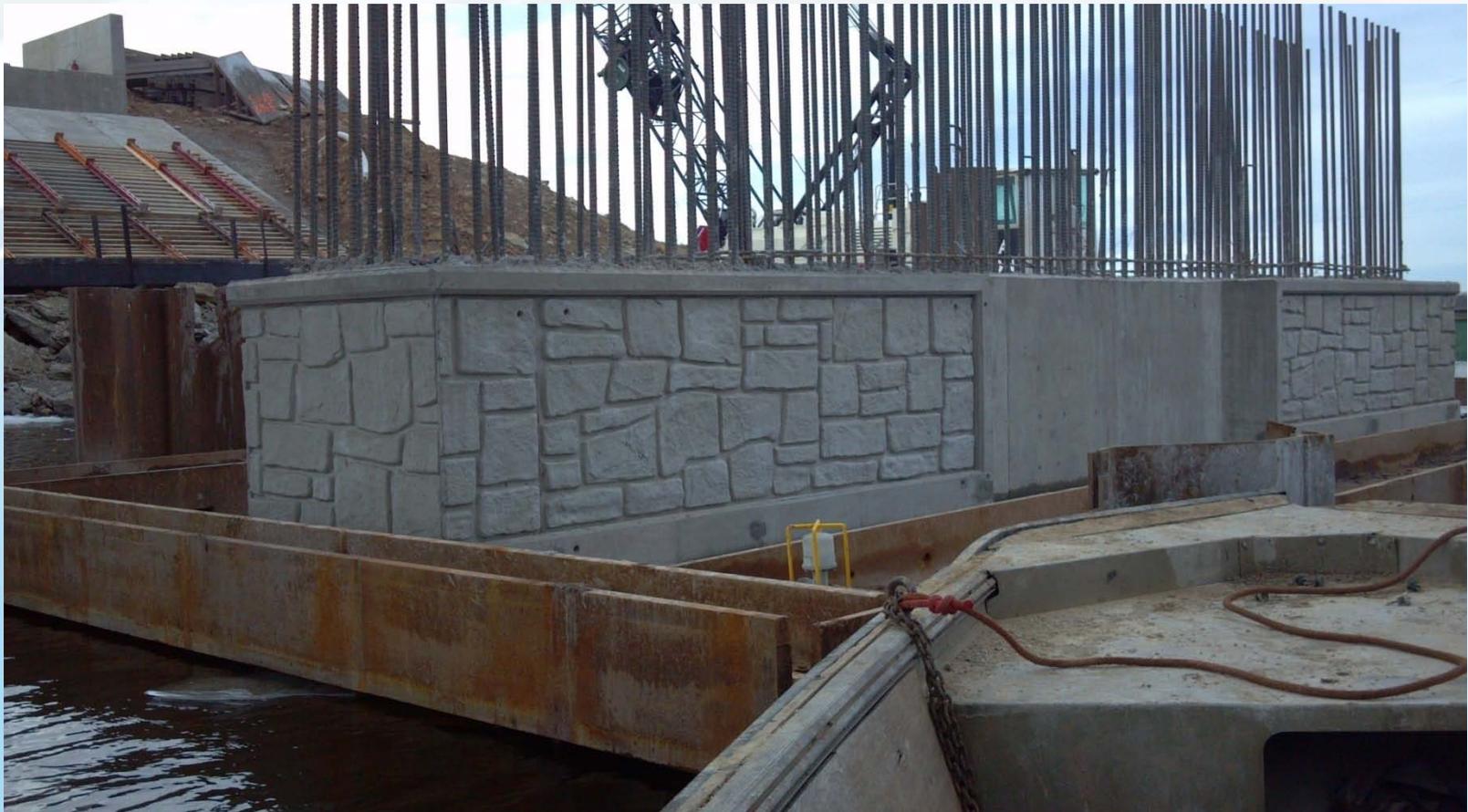
US 41 Lake Butte des Morts Crossing

- Complete SB bridges this year
- Work on NB bridges in 2012 and complete in 2013
- Boaters will be affected in 2012 with bridge construction. Channel will be open for passage but no wake and be aware of equipment
- Trail will be complete fall 2013

Lake Butte des Morts Main Bridge



Lake Butte des Morts Main Bridge



Lake Butte des Morts Main Bridge



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US 41 Lake Butte des Morts Crossing

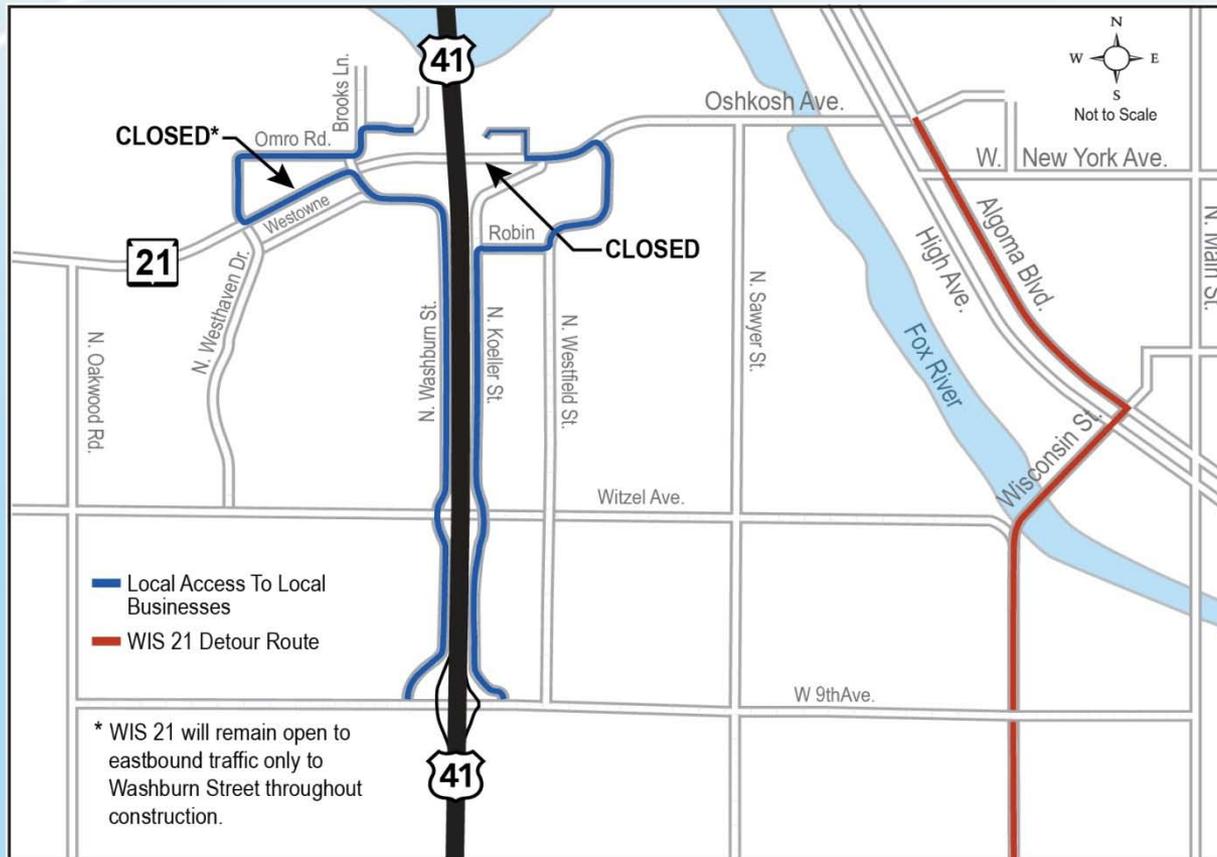


US 41/WIS 21 Interchange 2012 Work

- Interchange closes March 19, 2012
- Detour: WIS 21 to WIS 49 in Berlin to WIS 91 to WIS 44 to US 41
- Local access provided eastbound WIS 21 to Washburn Street; westbound WIS 21 to Rath Lane
- 7 day closure of eastbound WIS 21 to Washburn Street for pipe and concrete work

US 41/WIS 21 Interchange 2012 Work

Local Access Map



US 41/WIS 21 Interchange 2012 Work

- Roundabouts at WIS 21/Washburn and WIS 21/Koeller completion June 18, 2012
- US 41 traffic is routed in on east side temporary bypass (similar to US 41/45 Interchange last year)
- Interchange opens November 15, 2012
- Incentive/Disincentive in contract for \$50,000/day up to \$500,000 for 10 days early completion

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Roundabouts vs. traffic signals

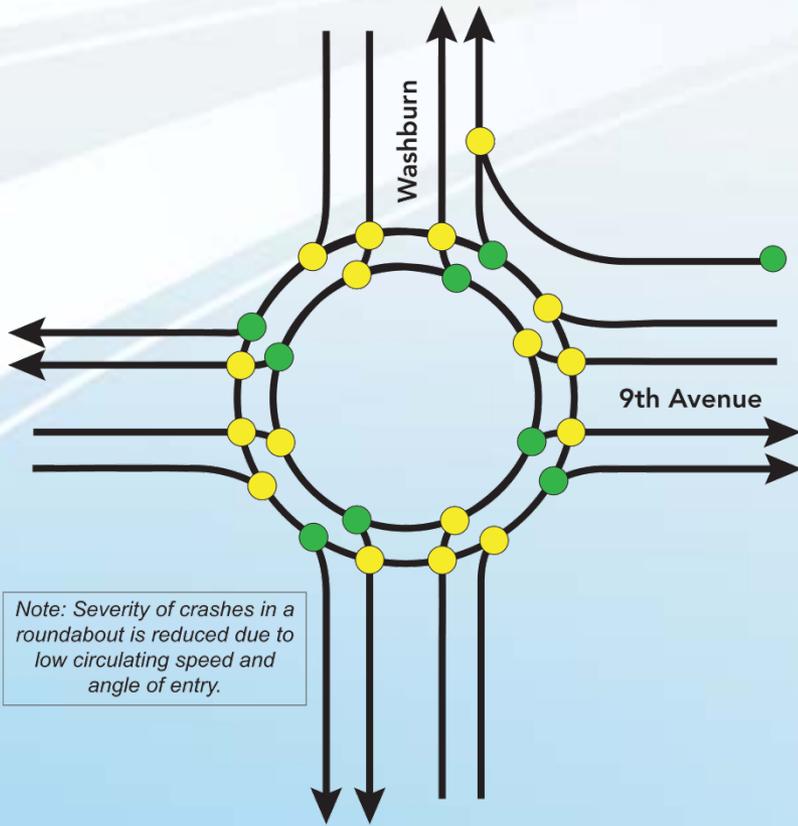


Roundabouts vs. traffic signals

- Where roundabouts have replaced stop signs and/or traffic signals ...
 - Crashes decreased 39%
 - Injuries decreased 76%
 - Fatalities and/or incapacitating injuries decreased 90%

Source: Insurance Institute for Highway Safety (www.iihs.org)

Conflict Points: Roundabout 9th Avenue and South Washburn Street

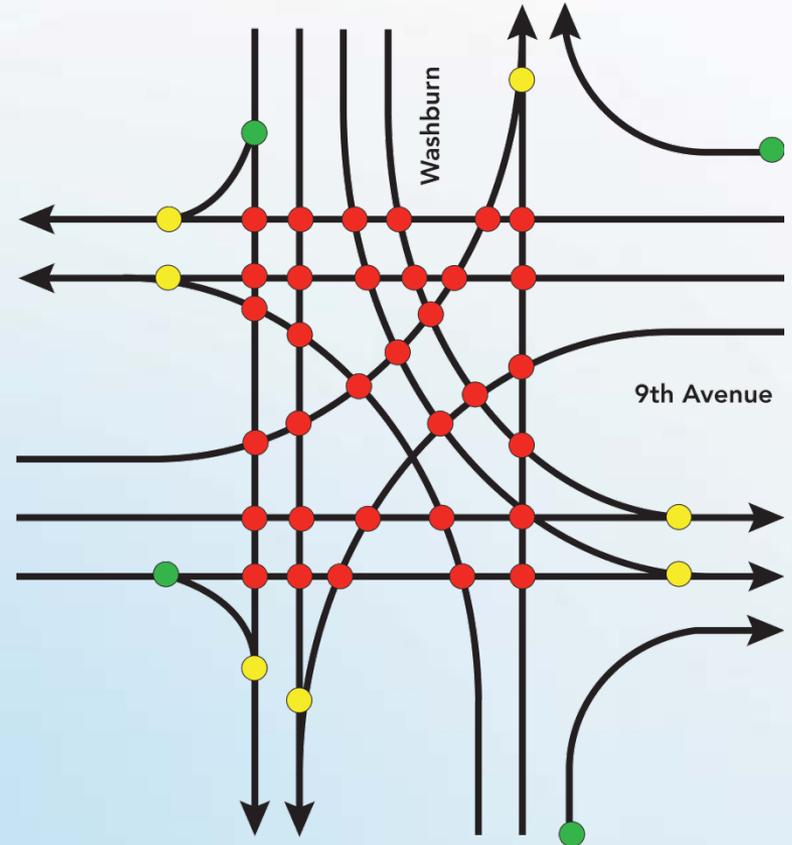


Note: Severity of crashes in a roundabout is reduced due to low circulating speed and angle of entry.

Crash Types:

● Rear-end	9
● Angle/Side Swipe	17
● Severe Angle	0
TOTAL	26
Pedestrian Conflicts: 18	

Conflict Points: Traffic Signals 9th Avenue and South Washburn Street



Crash Types:

● Rear-end	4
● Angle/Side Swipe	7
● Severe Angle	34
TOTAL	45
Pedestrian Conflicts: 28	

Roundabouts vs. traffic signals

	Traffic signal	Roundabout
Capacity	↓	↑
Level of service	↓	↑
Traffic speed	Not affected by geometrics	Restrained to 18-30 mph by geometrics
Operational benefits	More delay	Less delay

↑ = higher ↓ = lower

US 41 corridor roundabout plan: engineering, education and enforcement

- Coordination with:
 - Community officials
 - Businesses
 - Affected property owners
 - Public transportation providers
 - Commercial trucking industry
 - Bike and pedestrian stakeholders
- Enforcement of existing traffic laws (yield to pedestrians)
- Appropriately engineered design
- Quality construction
- EDUCATION and OUTREACH

US 41 Traffic management

- Traffic management implementation (2012-2013)
 - Maintain two-lanes NB and SB during construction
 - 55 mph speed limit
 - State Patrol law enforcement
 - Freeway Service Team (FST) – Monday – Friday 6:00 am to 10:00 am & 3:00 pm to 7:00 pm; Saturday 10:00 am to 7:00 pm ; Sunday Noon to 9:00 pm
 - ITS – Cameras/Message Boards
 - Media outreach, communication and project Web site

Temporary Business Signing

- No signing allowed on freeway or ramps
- Coordination with Oshkosh West Side Association
- Fill out temporary signing permit
- Please try to coordinate together with signing

Questions/Answers

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