

US 41 Public Information Meeting WIS 26 – WIS 21 Segment

June 16, 2010

Presentation Topics

- US 41 Project Overview
- US 41 Mainline Schedule
- US 41/9th Avenue Interchange Schedule
- Roundabouts
- US 41 Schedule
- Question/Answer

US 41 Project overview

- Largest construction project in the history of Northeast Wisconsin
 - Reconstruct 17 miles in Winnebago County
 - Add new lanes to freeway
 - Reconstruct/modify 7 interchanges in Winnebago County
 - Construct 16 roundabouts in Winnebago County

US 41 Project overview

- 8 lanes across Lake Butte des Morts
- Reconstruct US 45 Interchange to provide free flow movements for US 41 northbound to US 45 northbound; free flow movement from US 45 southbound to US 41 southbound
- Construct 12' wide trail on east side of US 41 from WIS 21 to Lake Butte des Mort Drive

US 41 Mainline Work

Project 1120-10-72,73,79

- Bid Letting July 13, 2010
- Construction tentatively to begin in August 2010
- Night work from 7:00 pm to 5:00 am on US 41 with lane closures
- Widen southbound roadway with temporary asphalt

US 41 Mainline Work

Project 1120-10-78/80

- Bid Letting August 10, 2010
- Construction tentatively to begin September 2010
- Night work from 7:00 pm to 5:00 am on US 41 with lane closures
- Widen southbound roadway with temporary asphalt

US 41 Mainline work

- April 2011 US 41 traffic will be all on southbound roadway with 2 lanes in each direction separated by concrete barrier
- Allows contractor to reconstruct northbound roadway
- July 2011 switch traffic to new northbound roadway
- Allows contractor to reconstruct southbound roadway by November 2011

US 41 Mainline work

- Ramps to WIS 26 and WIS 44 remain open during construction via temporary ramps
- Stain the WIS 26 over US 41 existing bridge piers/abutments, girders to match the color of the other new Oshkosh structures
- Paint the WIS 44 over US 41 existing bridge to match the color of the new Oshkosh structures

US 41/9th Avenue Interchange

Project 1120-10-72

- 9th Avenue Bridge/access to US 41 to close March 1, 2011
- 9th Avenue/Washburn & 9th Avenue/Koeller intersections to remain open during construction
- 9th Avenue open across US 41 and to northbound ramps by July 16, 2011

US 41/9th Avenue Interchange

Project 1120-10-72

- All ramps open November 4, 2011
- No posted detour for 9th Avenue

Future Construction Plans

- US 41/26 Landscaping Plan
- WIS 44 Improved Median Landscaping

Roundabouts vs. traffic signals

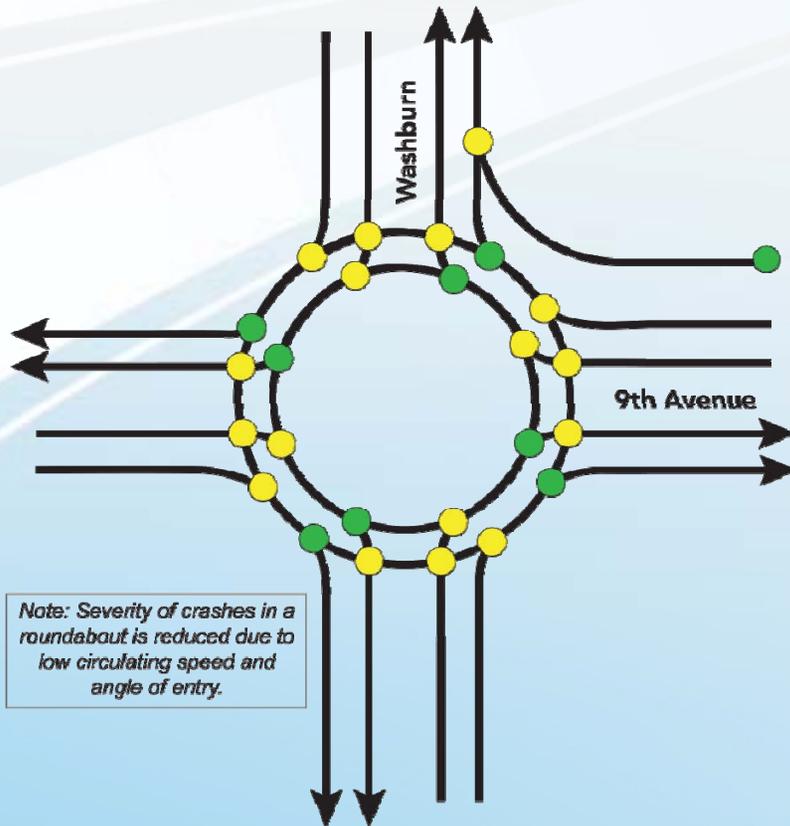


Roundabouts vs. traffic signals

- 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

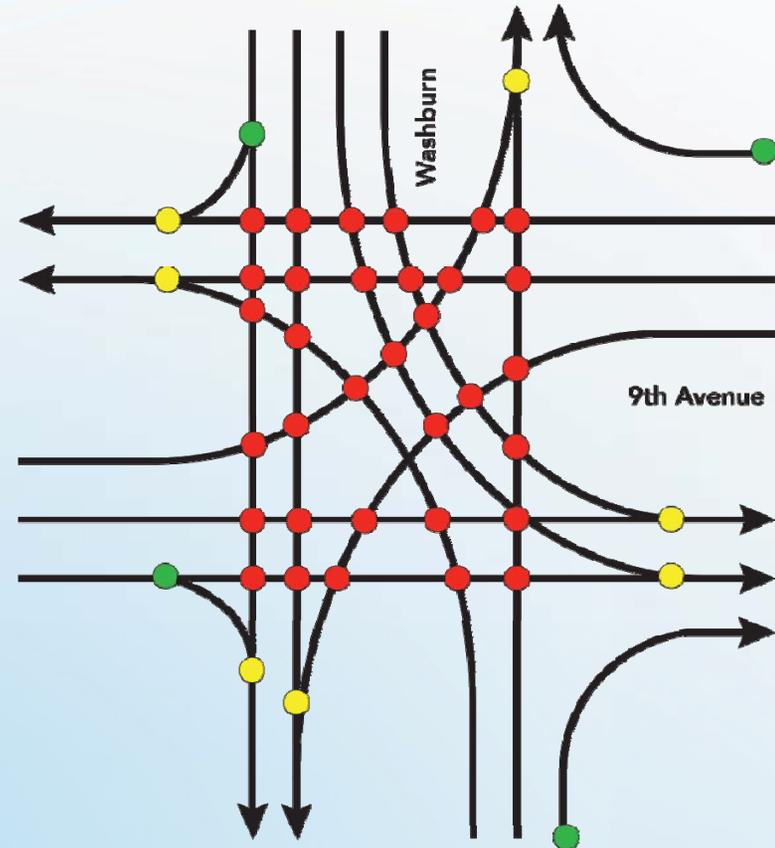


Note: Severity of crashes in a roundabout is reduced due to low circulating speed and angle of entry.

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

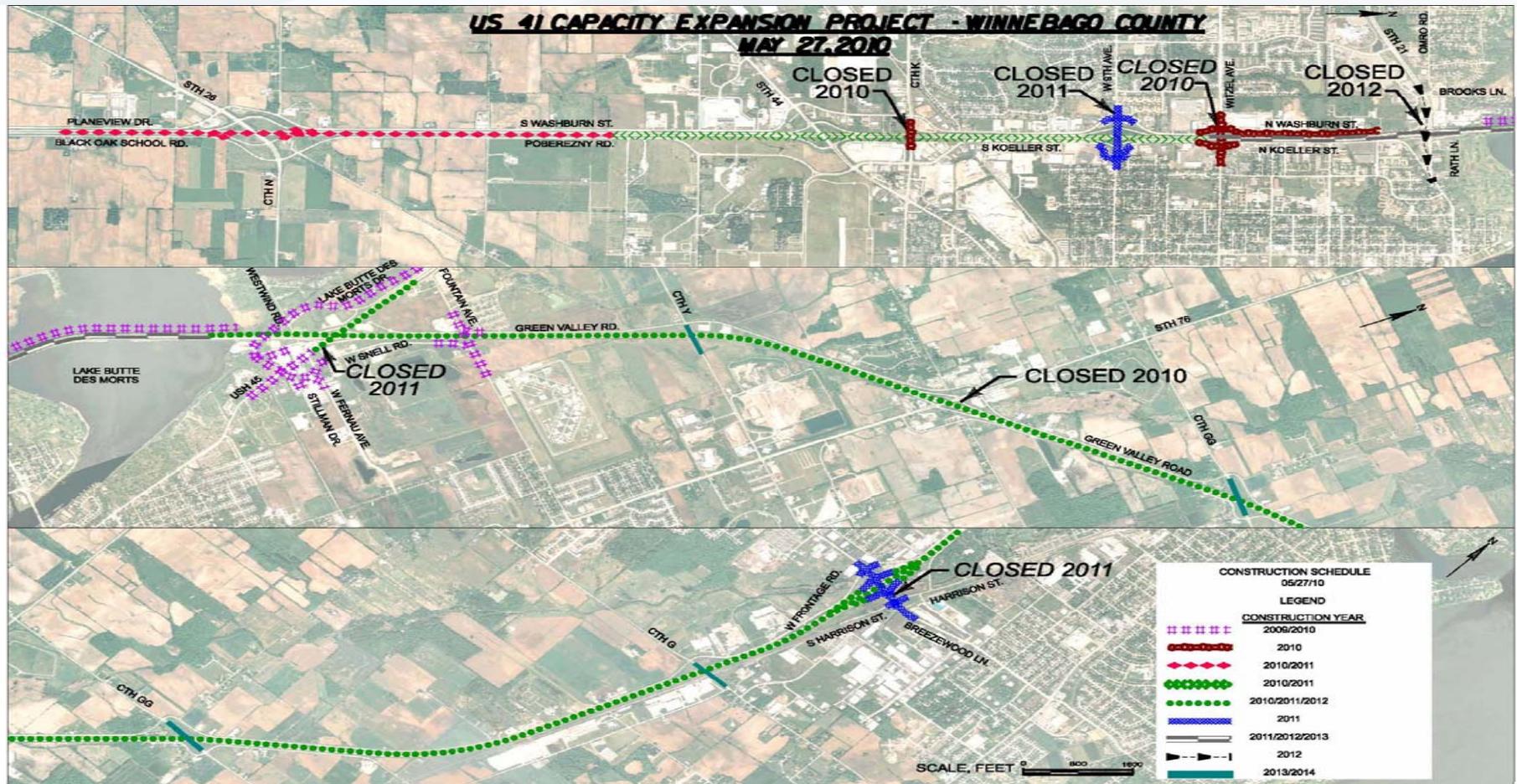
US 41 corridor roundabout plan: engineering, education and enforcement

- 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 (2010-2016)
 - Maintain two-lanes NB and SB during construction
 - Night time lane closures on US 41 to do work
 - Interchange closures during construction
 - Ongoing coordination with public
- Traffic management implementation (2010-2016)
 - Media outreach, communication and project Web site
 - Public information meetings
 - Ongoing coordination and public involvement

Construction Schedule



Witzel Avenue Rendering



Proposed Witzel Avenue Overpass (looking southeast)



Questions/Answers

- Tom Buchholz, P.E. Project Manager
- Tom.buchholz@dot.wi.gov
- 920-492-0142
- Kris Schuller; US 41 Communications Manager
- Kris.Schuller@dot.wi.gov
- 920-492-4109
- US 41 Website: www.US41wisconsin.gov
- <http://www.dot.wisconsin.gov/projects/us41expansion/index.html>