



CONNECTING WISCONSIN



US 41 Project

WIS 29 – Mason Street Interchanges

Business Group Meeting

December 8, 2010

Presentation outline

- Introductions
- US 41 project overview
- Design overview
- Construction schedule
- Transportation management plan
- 2011 Construction
- 2012 Construction
- Owner-controlled insurance program
- Business resources
- Next steps

Introductions

- US 41 project team
 - Mike Berg, NE Region Director
 - Brett Wallace, Corridor Program Manager
 - Natasha Gwidt, Corridor Design Supervisor
 - Mike King, Construction Supervisor
 - Paul Vraney, Brown County Project Manager
 - Kathleen Slattery, Brown County Design Engineer
 - Kris Schuller, Project Communication Manager
 - Bob Schuurmans, Traffic Engineer
 - Aimee Yonke, Traffic Engineer

Meeting purpose

- WIS 29 and Mason Interchange business meeting
 - Continue communication between WisDOT and business community
 - Provide businesses with first hand information at project milestones
 - Identify needs and concerns before and during construction

Meeting purpose

- Provide overview of design
- Present updated construction schedule
- Review construction planned for 2011
- Present final staging option for the 2012 Mason Street Interchange construction
- Review business resources

Project overview

- Brown County highlights
 - Construction 2010-2017
 - Reconstruct 14 miles of freeway (Orange Lane to County M)
 - Increase mainline capacity
 - Add collector-distributor lanes between Mason Street and WIS 29 and between Oneida Street and WIS 172
 - Construct up to 28 roundabouts
 - Reconstruct nine interchanges
 - Construct system interchanges at WIS 29 and I-43

Design overview

WIS 29 Interchange / Shawano Avenue



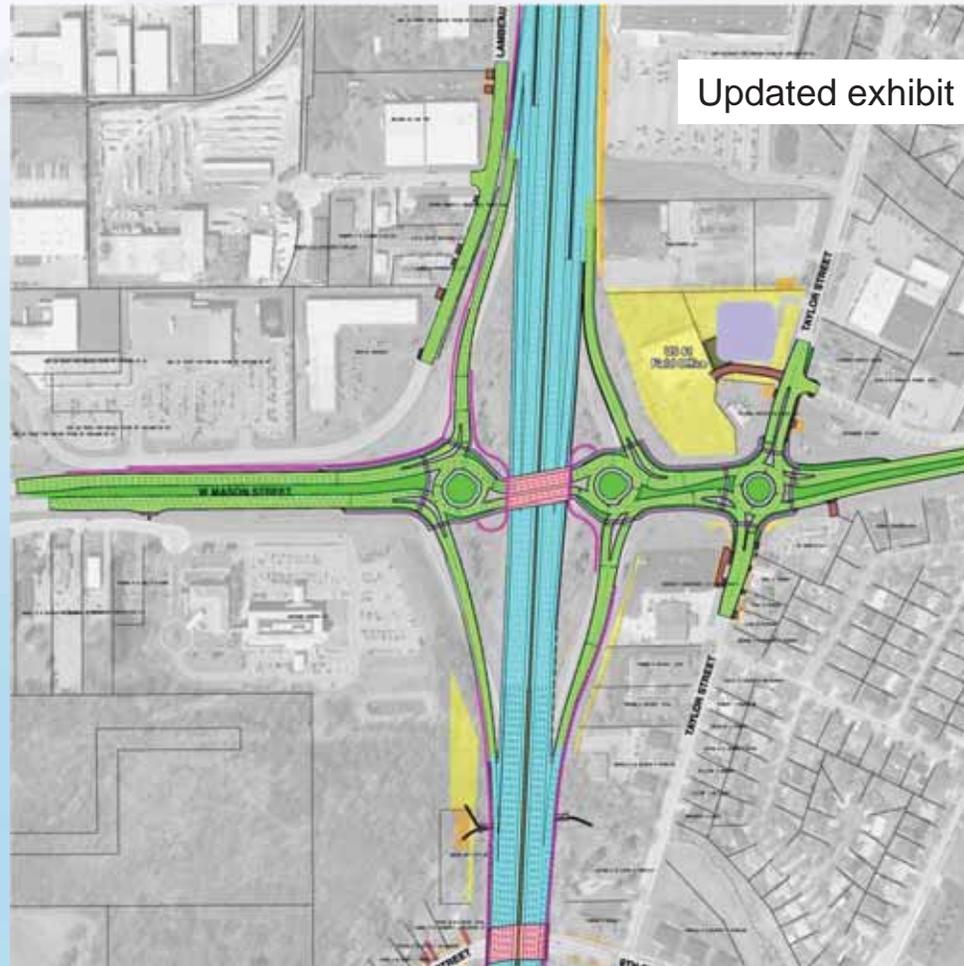
Design overview

WIS 29 Interchange / Shawano Avenue

- Construct overpass on WIS 29 at County J
- Construct interchange at Packerland Drive / WIS 29 intersection
- Construct County RK / County J roundabout
- Reconstruct Shawano Avenue including Taylor Street intersection
- Reconstruct Interchange
 - System interchange for WIS 29 / US 41 movements
 - Service interchange for local movements

Design overview

Mason Street Interchange



Design overview

Mason Street Interchange

- Reconstruct Mason / US 41 Interchange and Mason / Taylor Street intersection (2012 construction)
 - Incorporate sidewalks and roundabouts into design
- Shift and reconstruct Lambeau Street (2011 construction)
- Reconstruct mainline of US 41 from 9th Street to Larsen Road
- Replace 9th Street Bridges

Construction schedule

Description	Start	Finish
Taylor Street/Shawano Ave Intersection	April 2011	November 2011
County RK / County J	June 2011	April 2012
Early Fill and Structures	June 2011	August 2012
Mason Street Interchange and 9 th Street Bridges	January 2012	August 2012
US 41 Mainline (9 th Street to Larsen Road)	January 2012	August 2012
New Shawano Avenue	March 2012	November 2012
Packerland Drive Ramps	March 2012	November 2012
WIS 29 Interchange	February 2013	August 2014
WIS 29 Mainline (County J to Packerland Drive)	February 2013	August 2014
US 41 Mainline (Larsen Road to Memorial Drive)	February 2013	October 2015
Shawano Avenue Service Interchange	March 2015	June 2015

Transportation management plan

- TMP is a set of coordinated strategies for managing the work zone impacts of a project
 - Temporary traffic control measures and devices
 - Signal re-timing
 - Traffic incident management
- Main goals
 - Provide safety and mobility
 - Minimize delays
 - Provide information to the public

Transportation management plan

- TMP process
 - Coordinate construction staging based on traffic concerns
 - Develop TMP scenarios
 - Coordinate with local agencies (i.e. DPWs, emergency services, schools, transit agencies)
 - Obtain feedback from businesses
 - Select recommended scenario and mitigation strategies for implementation

2011 construction

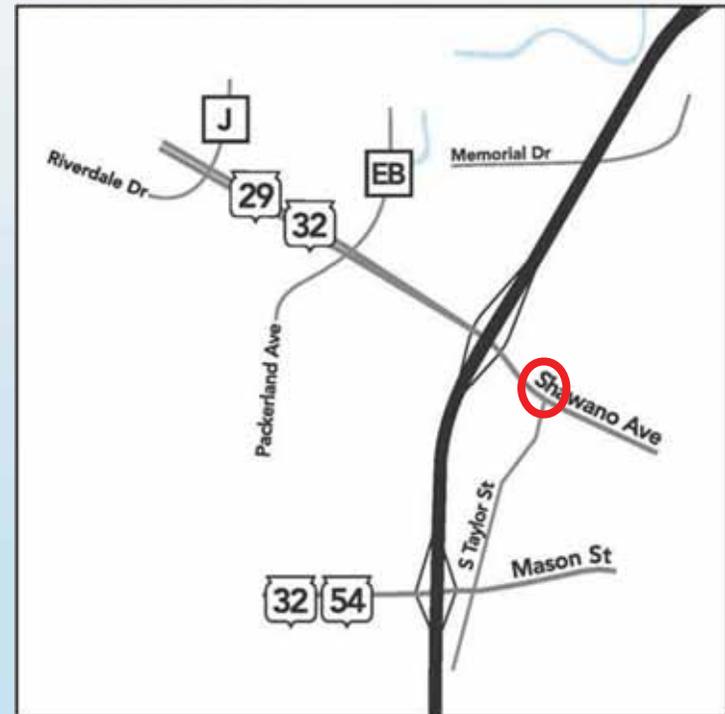
- Construction activities and road closures scheduled to begin next year
 - Shawano Avenue and Taylor Street intersection
 - County J and County RK
 - Lambeau Street



2011 construction

Shawano / Taylor intersection

- Construction overview
 - Scheduled from April to November 2011
 - Replace signalized intersection with multi-lane roundabout
 - Build a temporary bypass access road



2011 construction

Shawano / Taylor intersection

- Traffic impacts
 - Intersection closed for construction from July to September 2011
 - Interrupts east-west movements
 - Affects access to businesses and St. Mary's Hospital



2011 construction

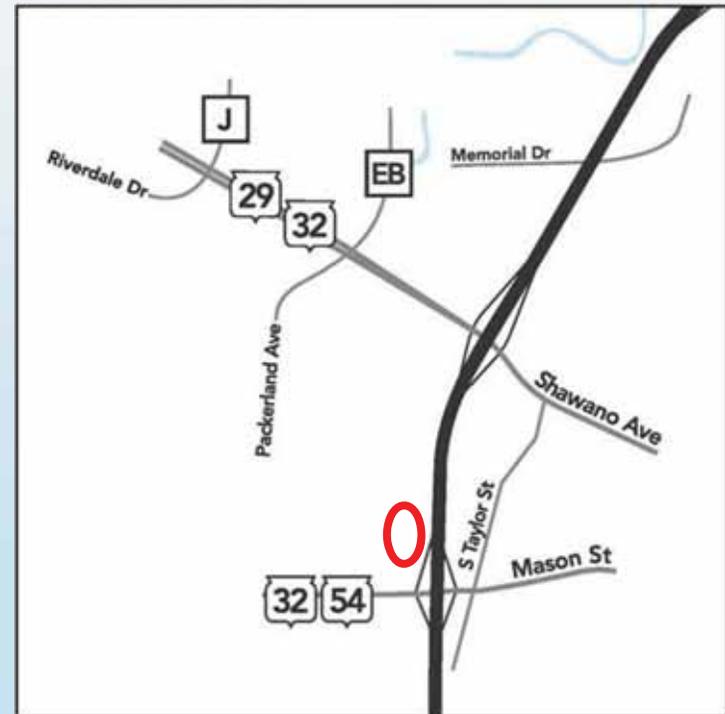
Shawano / Taylor intersection

- Traffic impact minimization strategies
 - Install traffic signals at Western Avenue and Taylor Streets
 - Adjust signal timing at surrounding intersections
 - Construct bypass access road prior to closing intersection
 - Monitor cut-through traffic
- Alternate business access
 - Dousman Street to remain open

2011 construction

Lambeau Street

- Construction overview
 - Scheduled from June to July 2011
 - Reconstruct 1,100 ft in two stages
 - Improve geometry at Starr Court intersection
 - Coordinate with City of Green Bay for utility replacement



2011 construction

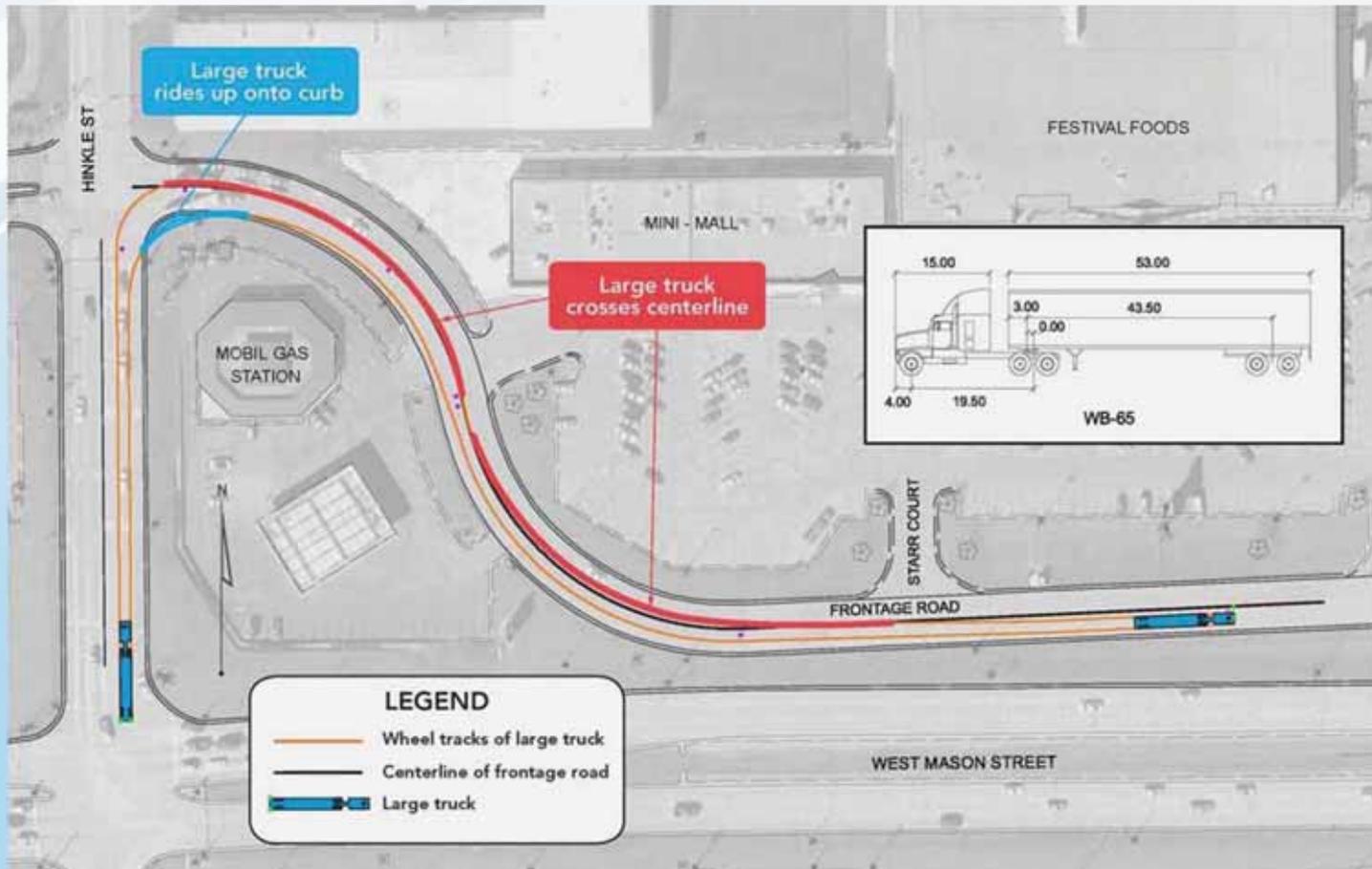
Lambeau Street

- Traffic impacts
 - Closed to northbound traffic from June to July 2011
 - Short term closure to reconstruct Starr Court intersection
 - Accommodates large trucks and GB Metro buses through construction zone



2011 construction

Lambeau Street



2011 construction

Lambeau Street

- Traffic impact minimization strategies
 - Schedule requirements for contractor
 - Rapid set, high strength concrete where access needs to be maintained
- Alternate business access
 - Northbound traffic can remain on Hinkle Street during construction

2011 construction

County J and County RK

- Construction overview
 - Scheduled from June 2011 to April 2012
 - Construct new roadway (County RK) to connect County J and Packerland Drive
 - Reconstruct County J, remove access at WIS 29
 - Construct roundabout at intersection of County RK and County J



2011 construction

County J and County RK

- Traffic impacts
 - Permanently remove WIS 29 access at County J in June 2011
 - Pamperin Park will be accessible during construction
 - County J and County RK will open to traffic November 2011



2011 construction

County J and County RK

- Traffic impact minimization strategies
 - New roadway constructed in two segments to maintain access to Pamperin Park
 - Monitor cut-through traffic
- Alternate business access
 - Use County FF and County EB to access WIS 29 during construction

2011 construction

Alternate truck routes



2012 construction

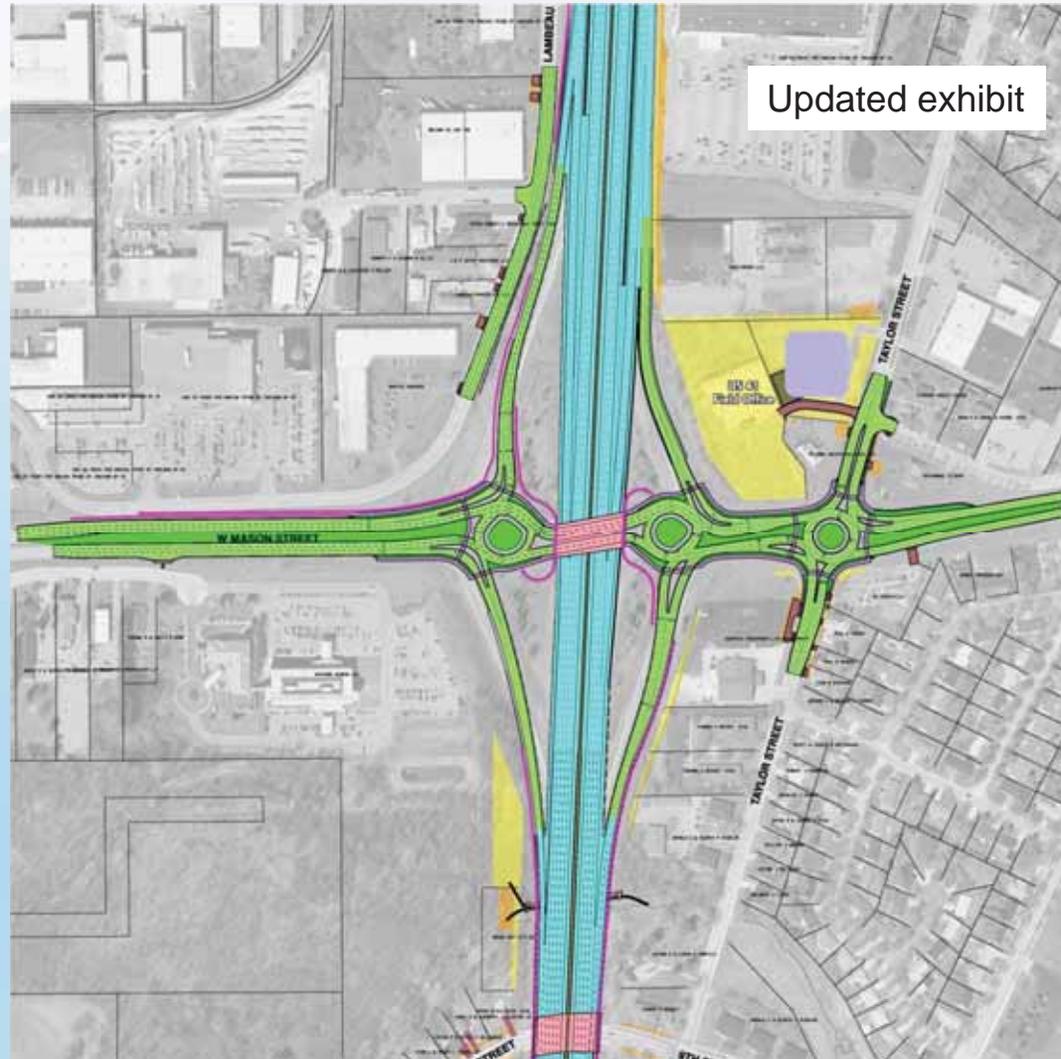
Mason Street Interchange

- Construction overview
 - Scheduled from January to August 2012
 - Reconstruct Mason Street Interchange
 - Reconstruct Mason/Taylor Street intersection
 - Expand US 41 mainline (9th Street to Larsen Road)



2012 construction

Mason Street Interchange



2012 construction

Mason Street Interchange

- Final staging scenario
 - Full closure from January 2012 to August 2012
 - Reduce length of construction
 - Reduce cost of construction
 - Complete construction prior to school year and Packers season
 - Reconstruct US 41 mainline from 9th Street to Larsen Road

2012 construction

Mason Street Interchange

- Traffic impacts
 - Emergency responders on both sides of Mason Street
 - Potential cut-through on Burns Avenue and Chantel Drive
 - Green Bay Metro route 6
 - Access to daycare in SE quadrant of Mason/Taylor Streets requires temporary access
 - Diverts traffic to congested Shawano Interchange and Shawano/Packerland intersection
 - Mason Street corridor businesses will be impacted

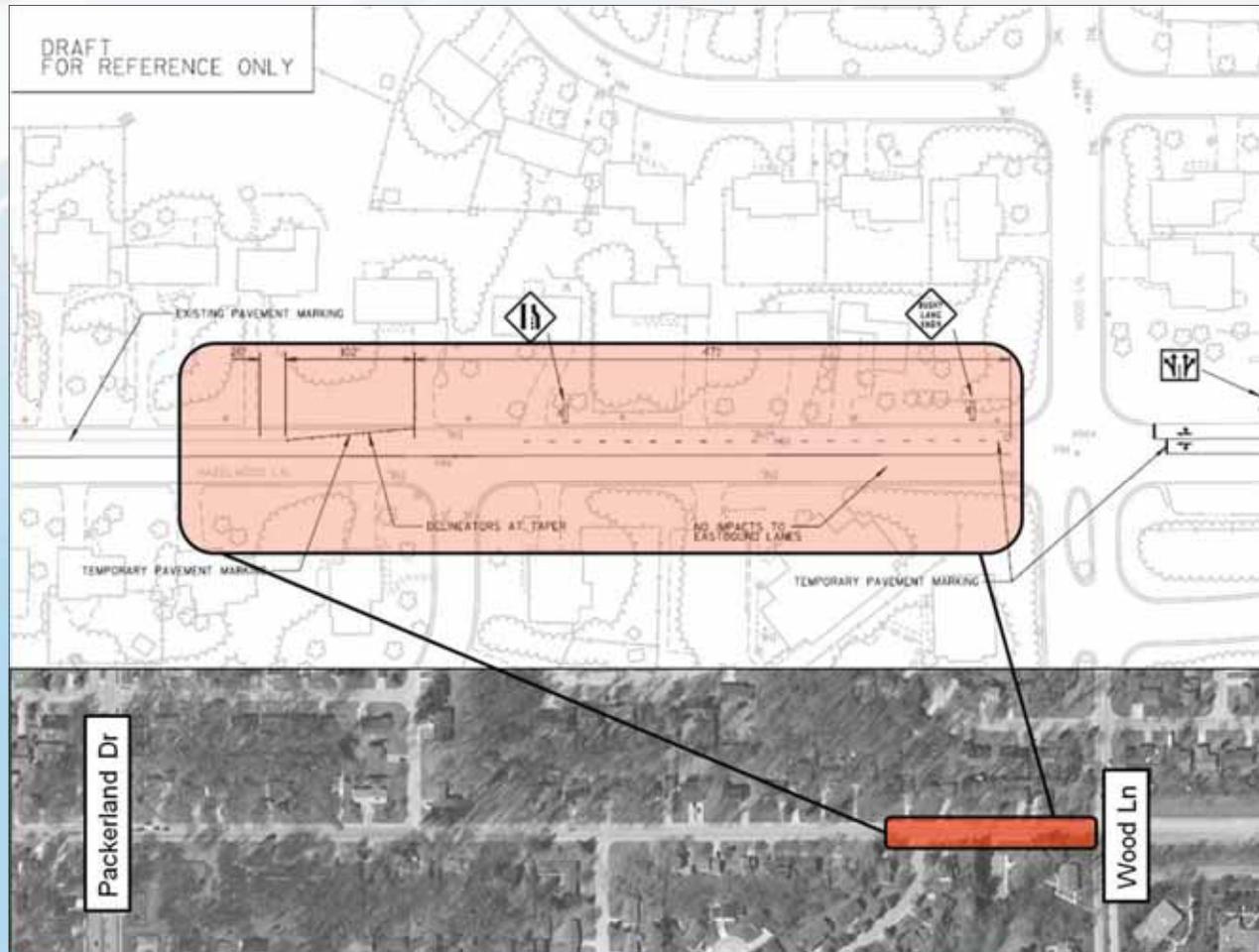
2012 construction

Mason Street Interchange

- Traffic impact mitigation strategies
 - Temporary signal at Packerland Drive and Cormier Road
 - Temporary two-lane segment along westbound Hazelwood Lane at Wood Lane
 - Temporary median barrier on Packerland Drive at Mason Street
 - Restripe Larsen Road at Hinkle and Lambeau Streets
 - Monitor cut-through traffic
 - Western Avenue/Taylor Street traffic signal
 - GB Metro use of Larsen Road

2012 construction

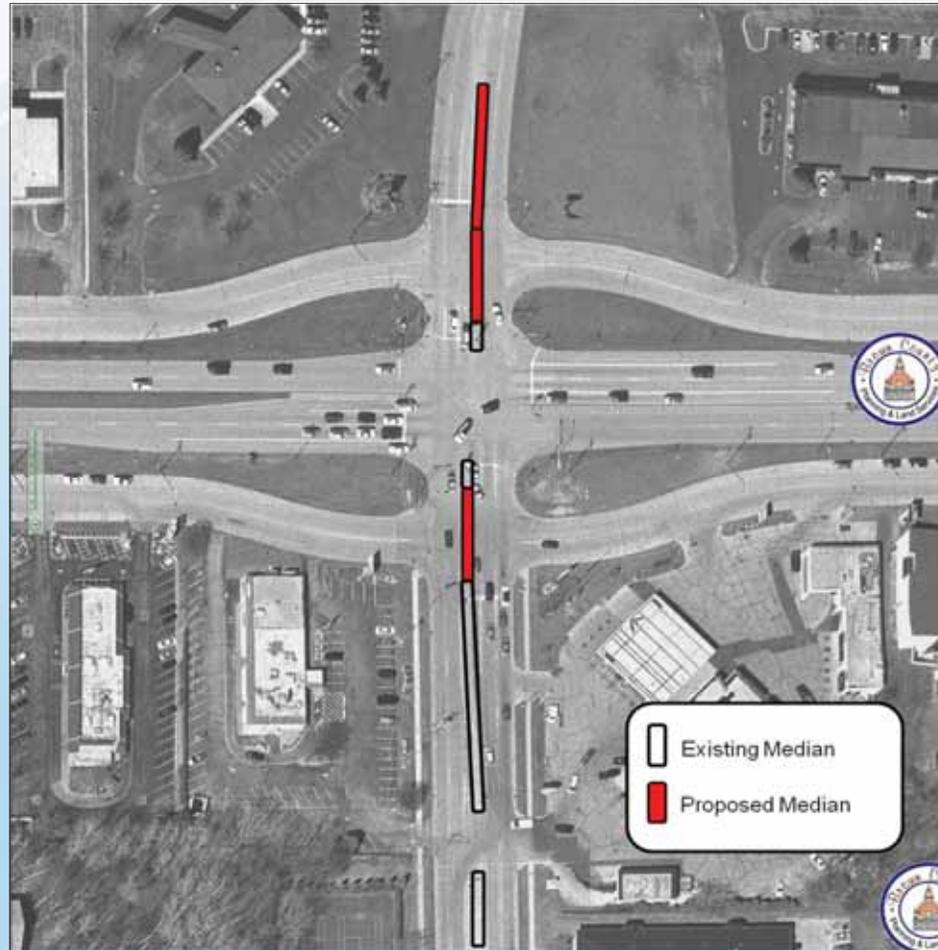
Mason Street mitigation strategies



Temporary two-lane segment on Hazelwood Lane

2012 construction

Mason Street mitigation strategies



Temporary median barriers on Packerland Avenue

2012 construction

Alternate truck routes



Owner-controlled insurance program (OCIP)

- Crack and damage survey
- WisDOT contacts property owners with buildings located within 300 feet of construction
- Videotape and photograph condition of structures prior to construction

Business resources

Checklist for businesses

- Three to six months ahead
 - Coordinate and plan development and locations of highway business signs
- One month ahead
 - Attend pre-construction meeting
 - Meet contractor
 - Schedule updates
 - Submit signing permit to WisDOT
 - Make arrangements to place signs

Business resources

Highway business signs

- Permit applications are available today
- Must be approved by WisDOT and municipalities
 - City of Green Bay
 - Village of Howard
 - Town of Hobart

APPLICATION FOR PERMIT TO INSTALL TEMPORARY BUSINESS SIGN(S)
ON HIGHWAY RIGHT-OF-WAY DURING IMPROVEMENT PROJECT

APPLICANT:	
ADDRESS OF BUSINESS / ACTIVITY:	
PHONE:	
TYPE OF BUSINESS / ACTIVITY:	
SIGN LOCATION(S): (number and placement to be coordinated with Project Engineer)	
On what highway?	At or approaching intersection with what highway?
1) On:	At:
2) On:	At:
3) On:	At:
4) On:	At:
5) On:	At:
6) On:	At:
Remarks:	
Two drawings MUST be attached. One drawing must show the proposed sign design(s) and dimensions and the other must show the proposed sign location(s).	

I apply for permission to install and maintain temporary directional signs at the locations listed and in conformance with the guidelines attached to this application. I agree to comply with these guidelines and will remove all signs upon completion of the project, or when directed by the project engineer. I understand that signs may be removed without notice if they do not comply with the attached guidelines, do not match the attached drawings or do not comply with any additional conditions stated on or attached to the permit.

Applicant signature

Approved by: _____
Project Manager

Maintaining authority (if sign location is not on STH)

Project I.D.: _____

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Revised 12/06/07

Business resources

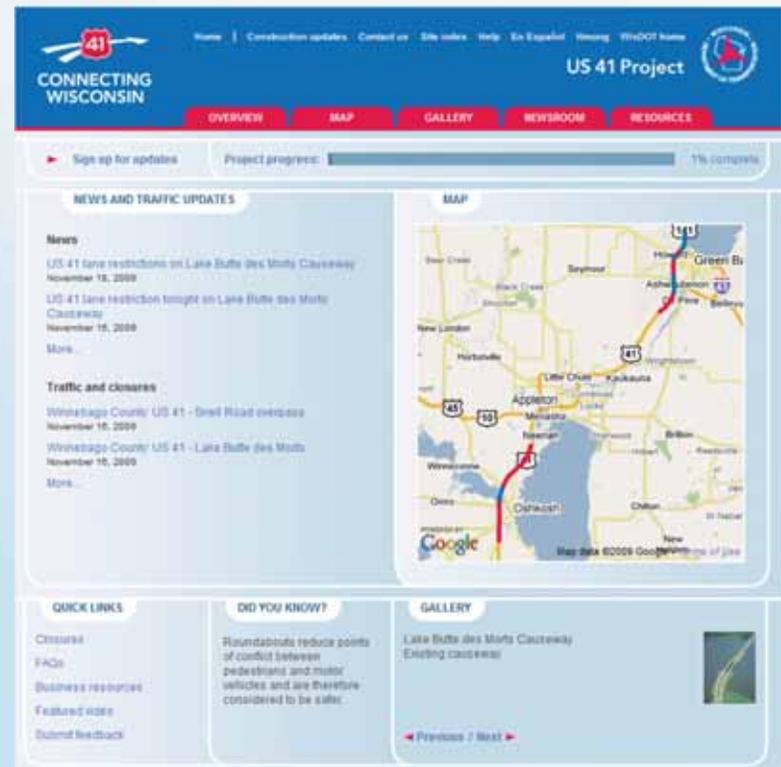
Highway business signs

- Businesses are encouraged to coordinate signage
 - Reduce clutter
 - Maximize legibility and connection with customers
- Multiple sign designs



Business resources

- US 41 project website
 - Project information and maps
 - Construction information
 - Lane closures and traffic impacts
 - Interactive map feature



The screenshot displays the 'CONNECTING WISCONSIN' website for the US 41 Project. The header includes navigation links for Home, Construction updates, Contact us, Site index, Help, En Español, and Working WISDOT home. A progress bar indicates 'Project progress: 1% complete'. The main content area is divided into sections: 'NEWS AND TRAFFIC UPDATES' with news items about lane restrictions on Lake Butte des Morts Causeway and Great Road overpass; a 'MAP' section showing a map of the project area; 'QUICK LINKS' for Closures, FAQs, Business resources, Featured video, and Submit feedback; 'DID YOU KNOW?' with a tip about roundabouts; and a 'GALLERY' section with a photo of the Lake Butte des Morts Causeway.

Next steps

- Preconstruction and Business meeting (April to June 2011)
 - Shawano Avenue/Taylor Street (April 2011)
 - Lambeau Street (May 2011)
 - County RK, County J (June 2011)
- Business meeting (April 2011)
 - Mason Street Interchange

Next steps

- Pre-construction meeting (January 2012)
 - Mason Street Interchange
 - US 41 mainline (9th Street to Larsen Road)
- Annual construction updates every spring
- Other issues as needed

US 41 Project

Questions?