



TRI-COUNTY EXPANSION

WIS 441 Tri-County Project

Local officials meeting #2

Community sensitive solutions

February 26, 2013

Presentation outline

- Introductions
- Meeting purpose
- Project overview & update
- Community sensitive solutions
 - Overview
 - Present concepts
- Your input
- Next steps

Introductions

- WIS 441 Tri-County Project team
 - Brian Roper, US 41/WIS 441 Projects Group Chief
 - Chad DeGrave, WIS 441 Design Supervisor
 - Scott Ebel, WIS 441 Design Project Manager
 - Danielle Block, CSS Project Manager
 - Mark Kantola, US 41 Project Communication Manager

Meeting purpose

- Review Community Sensitive Solutions (CSS) process
- Present corridor-wide staining options for structures
- Proposed noise barrier concepts
- Communicate expectations and next steps

Project overview

- Reconstruct 5 interchanges and add missing movements at US 41
- Replace 6 miles of mainline pavement, expand to 6 lanes
- Improve design speed of roadway curves
- Construct a second parallel bridge over Little Lake Butte des Morts
- Revise interchange control



Project schedule

Function	2012	2013	2014	2015	2016	2017	2018	2019
Design	■	■	■	■				
Real Estate			■	■	■	■		
Utilities			■	■	■	■		
Construction					■	■	■	■

Note: Timelines are subject to change

WIS 441 CSS process

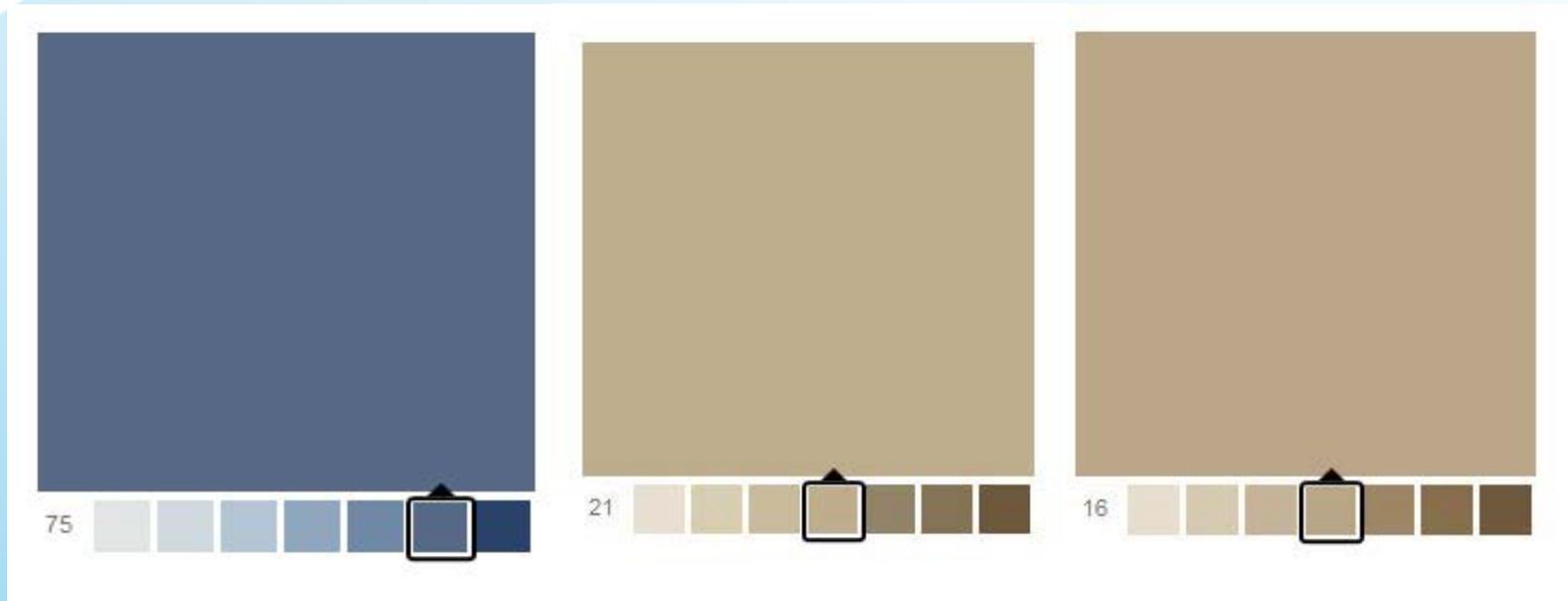
- Assess project area, identify characteristics, develop concepts (completed)
- Stone concepts - Community leaders provide preference (completed)
- Color concepts - Community leaders provide comment and preference (**April 30, 2013**)
- Focused workshops with community stakeholders (**summer/fall 2013**)

Ashlar stone concept

- Dec 18, 2012
 - Stone concepts presented
 - Loaded onto WIS 441 project website for further review
- Jan 18, 2013
 - Comments compiled
 - Support for Ashlar stone concept

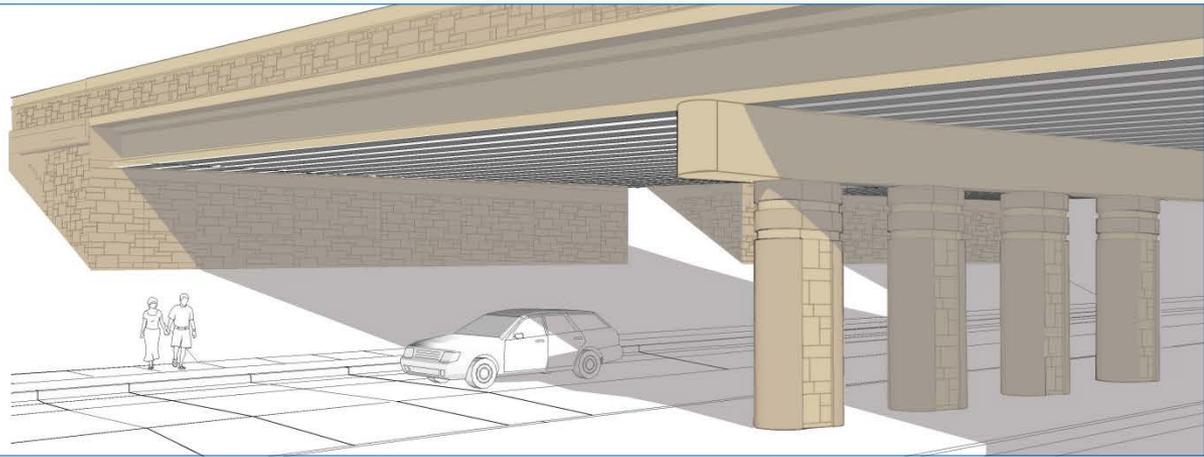
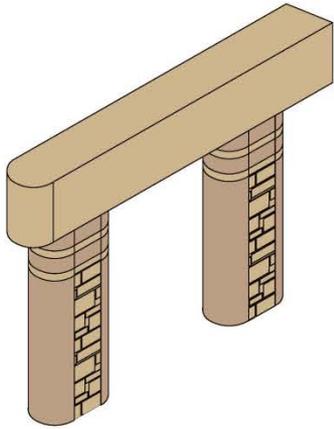
Structure color selections

- Denim, Basket Beige, Latte

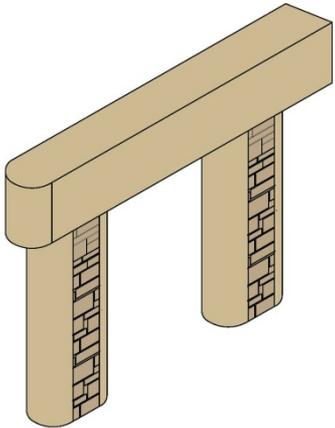


Staining structures east of LLBDM

Ashlar stone concept A

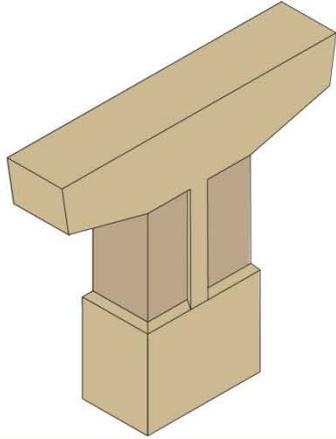


Ashlar stone concept B

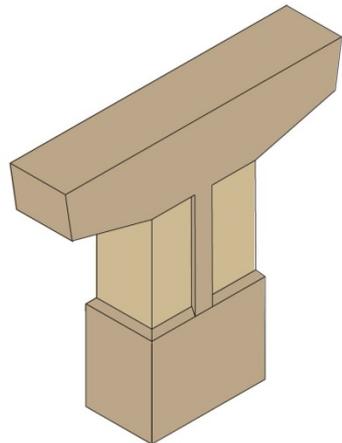


Staining structures at 10/441 and US 41

Ashlar stone concept A



Ashlar stone concept B



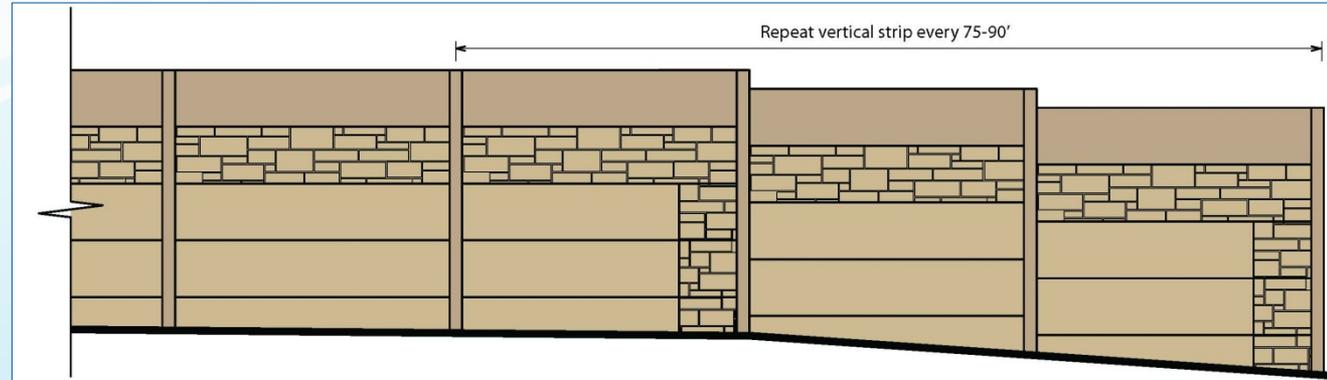
Little Lake Butte des Morts structures



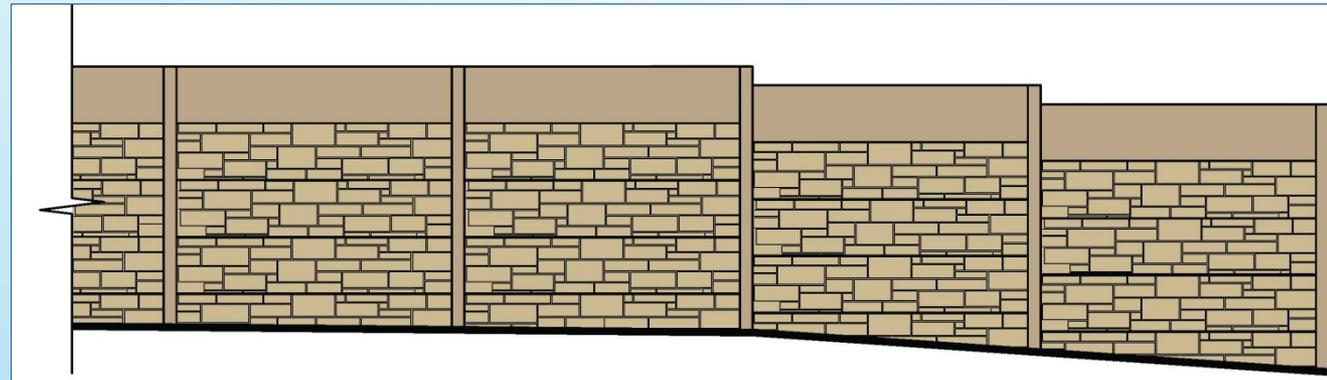
- New concrete structure closely matches existing
- Spans will vary from existing, more cost effective
- Stain existing and new structures to match

Neighborhood noise barrier concepts

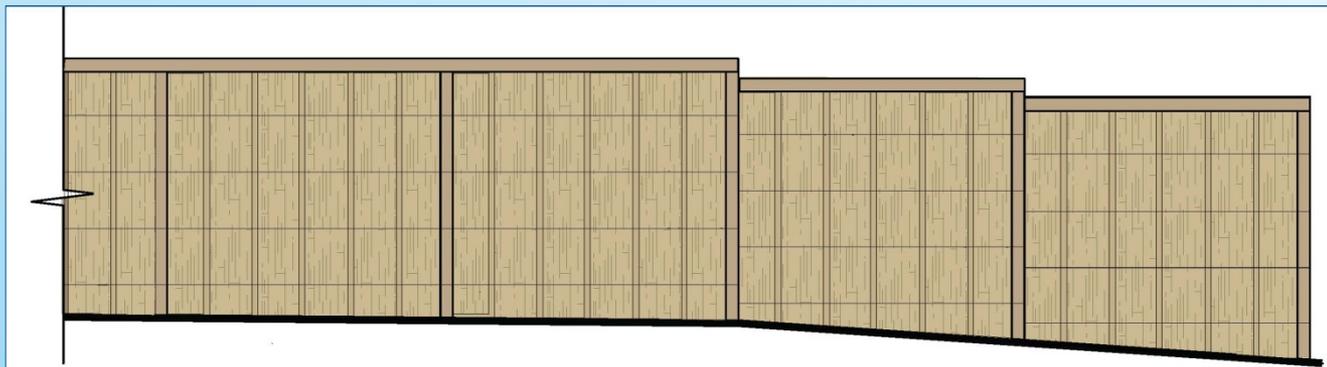
Ashlar Stone
Concept A



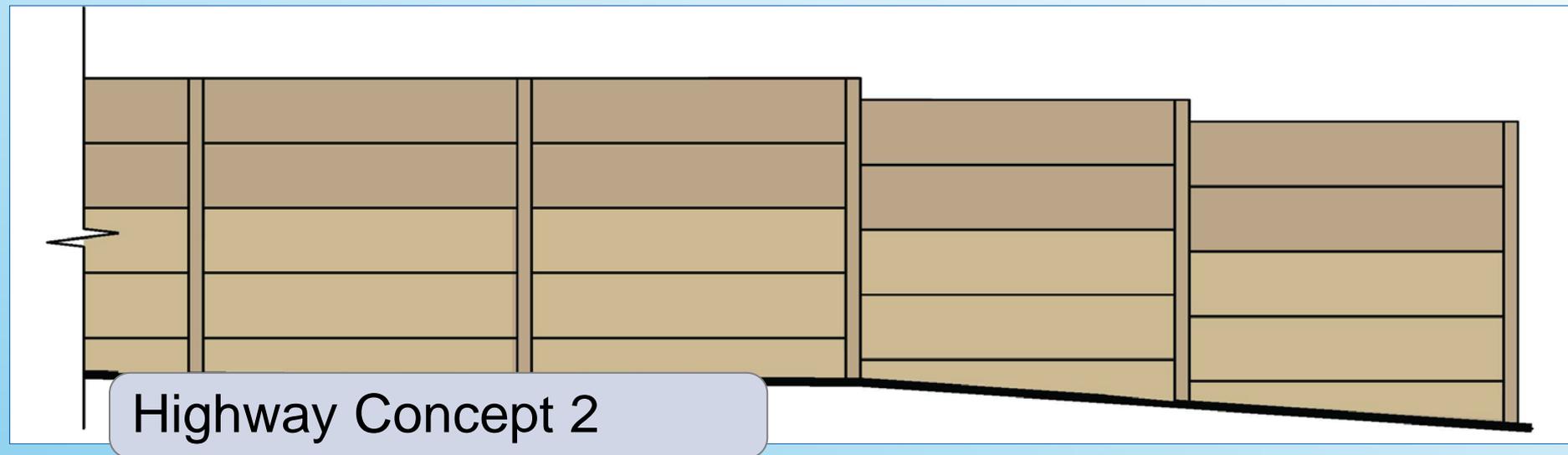
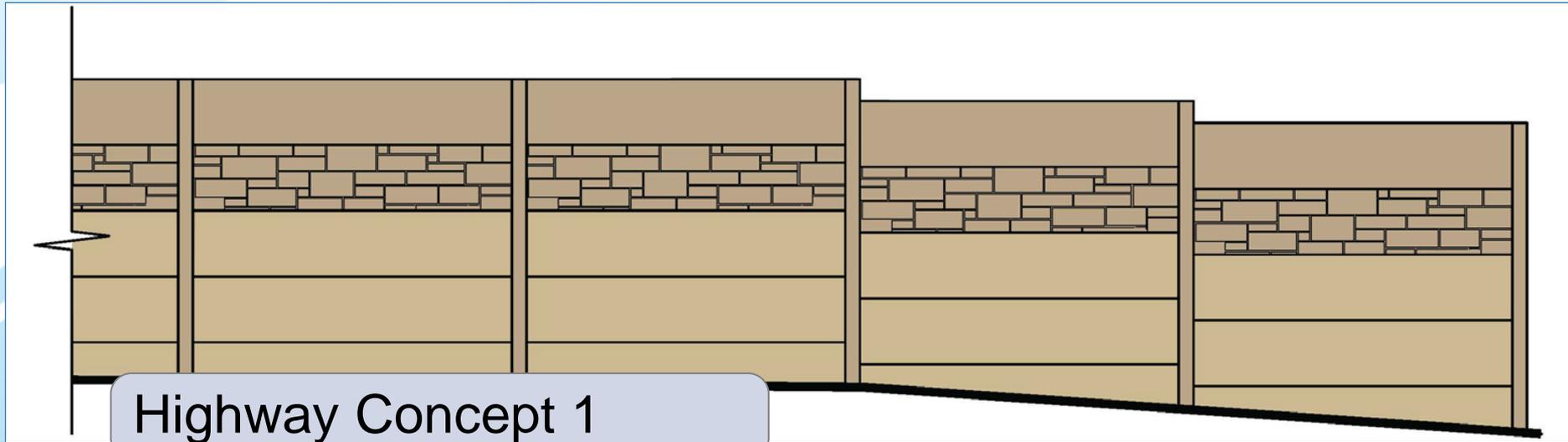
Ashlar Stone
Concept B



Wood
Concept C



Highway noise barrier concepts



Your input

- Comment form
 - Submit today or mail by April 30, 2013
 - Identify preference / provide comments on concepts:
 - Staining for structures
 - Noise barrier concepts

Comment Form

WIS 441 Tri-County Project
Community Sensitive Solutions #2
February 26, 2013



Please place in comment box or mail by April 30, 2013

Name (please print): _____ Date: _____

Address: _____

E-mail Address: _____

Check your preferred concept. Please provide your comments as they are important to us.

Staining Junction 10/441 Structures & Structures East of Little Lake Butte des Morts

- Ashlar Stone concept A
- Ashlar Stone concept B

Comments:

Neighborhood noise barrier concepts (choose one) Highway noise barrier concepts (choose one)

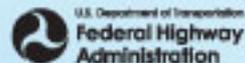
- Ashlar Stone concept A
- Ashlar Stone concept B
- Wood concept C
- Highway concept 1
- Highway concept 2

Comments:

Next steps

- Recap: vote on color staining options
 - Junction 10/441 & 41 interchange and structures east of LLBDM
 - Noise barrier concepts
- WisDOT hosts public information meeting (summer 2013)
- Neighborhood outreach (Late summer/fall 2013)
- WisDOT hosts focused workshops with community stakeholders (summer/fall 2013)

WIS 441 Tri-County Project

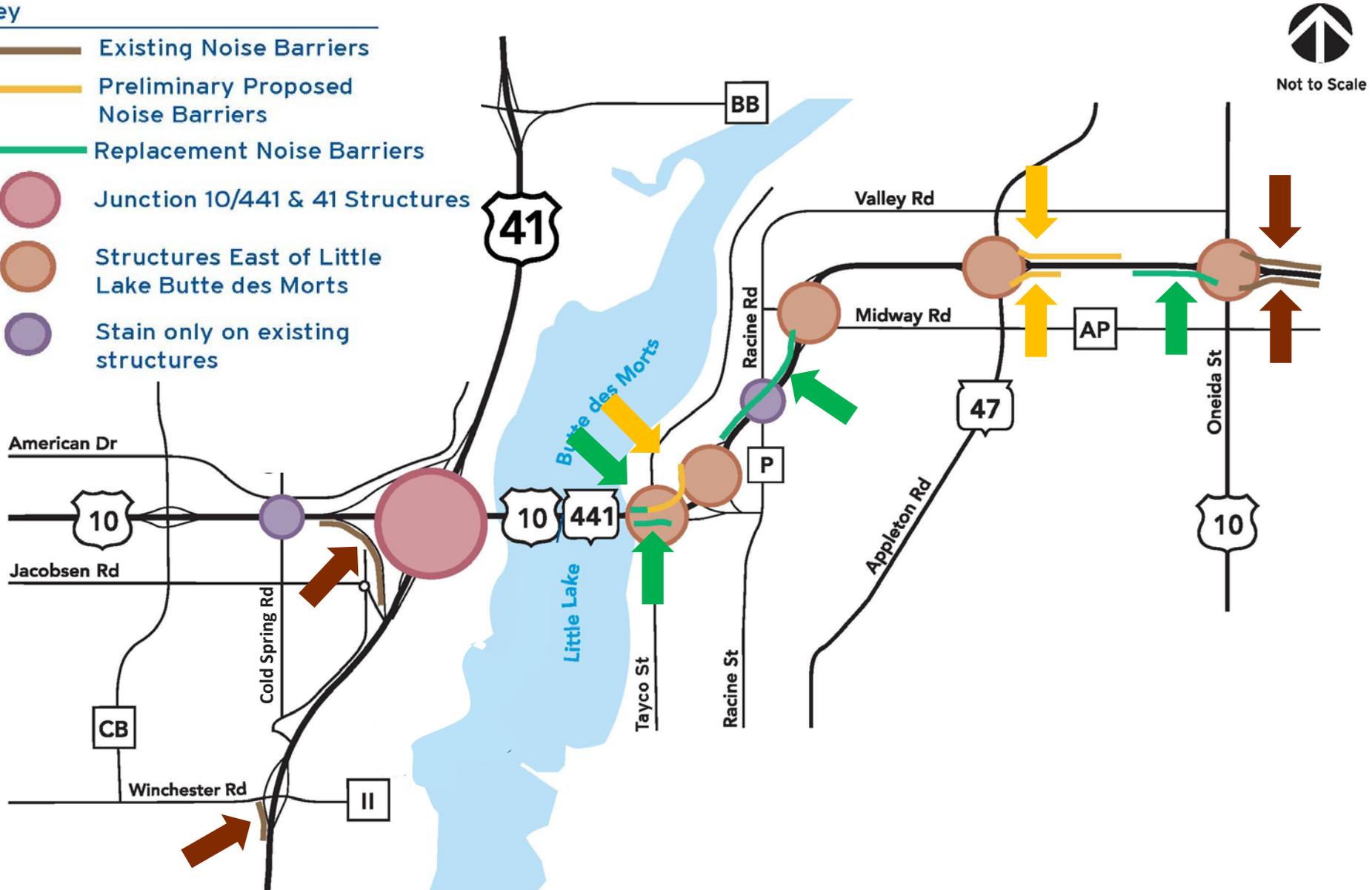


Reference slides follow

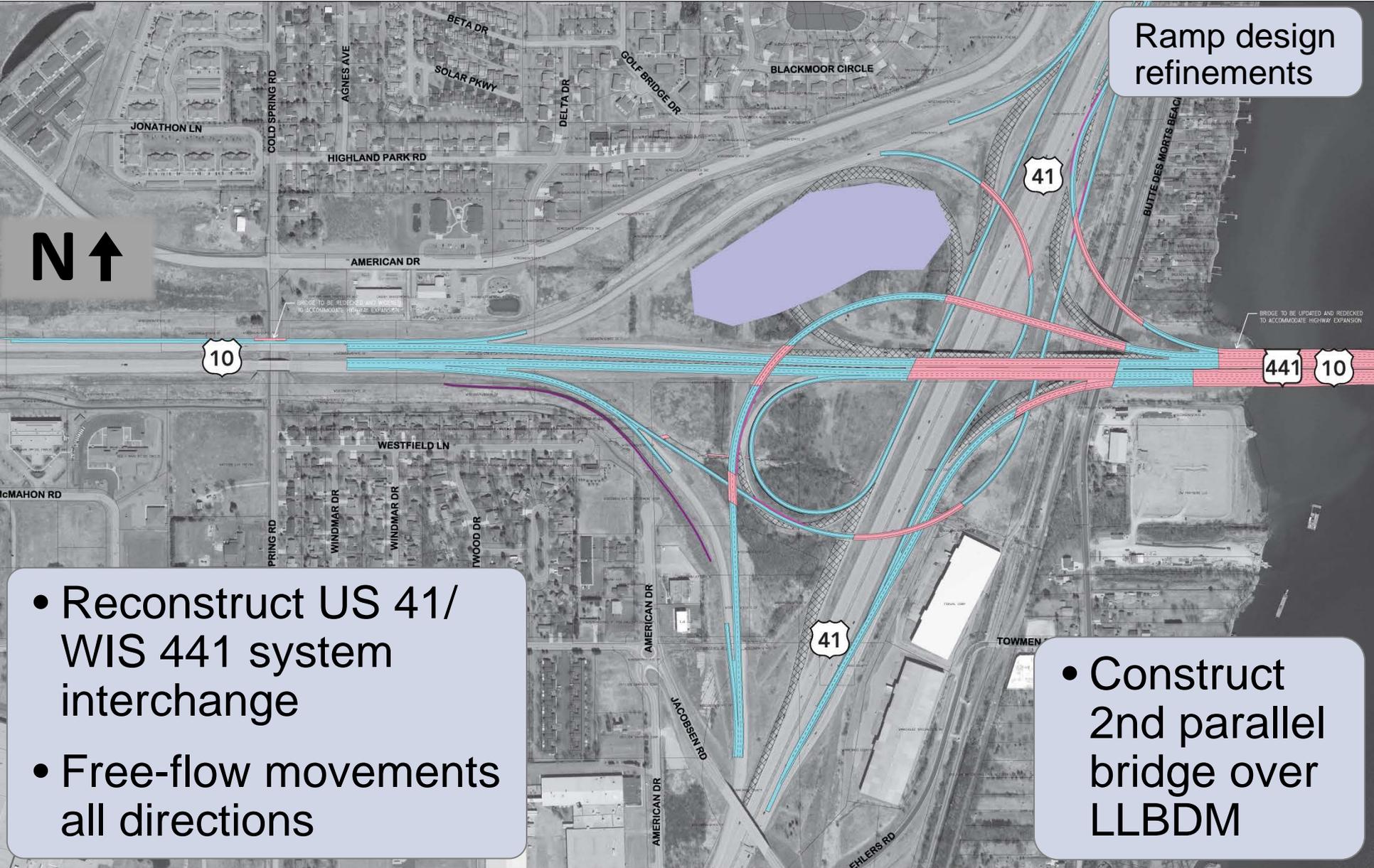
Structures design

Key

- Existing Noise Barriers
- Preliminary Proposed Noise Barriers
- Replacement Noise Barriers
- Junction 10/441 & 41 Structures
- Structures East of Little Lake Butte des Morts
- Stain only on existing structures



US 41/WIS 441 interchange



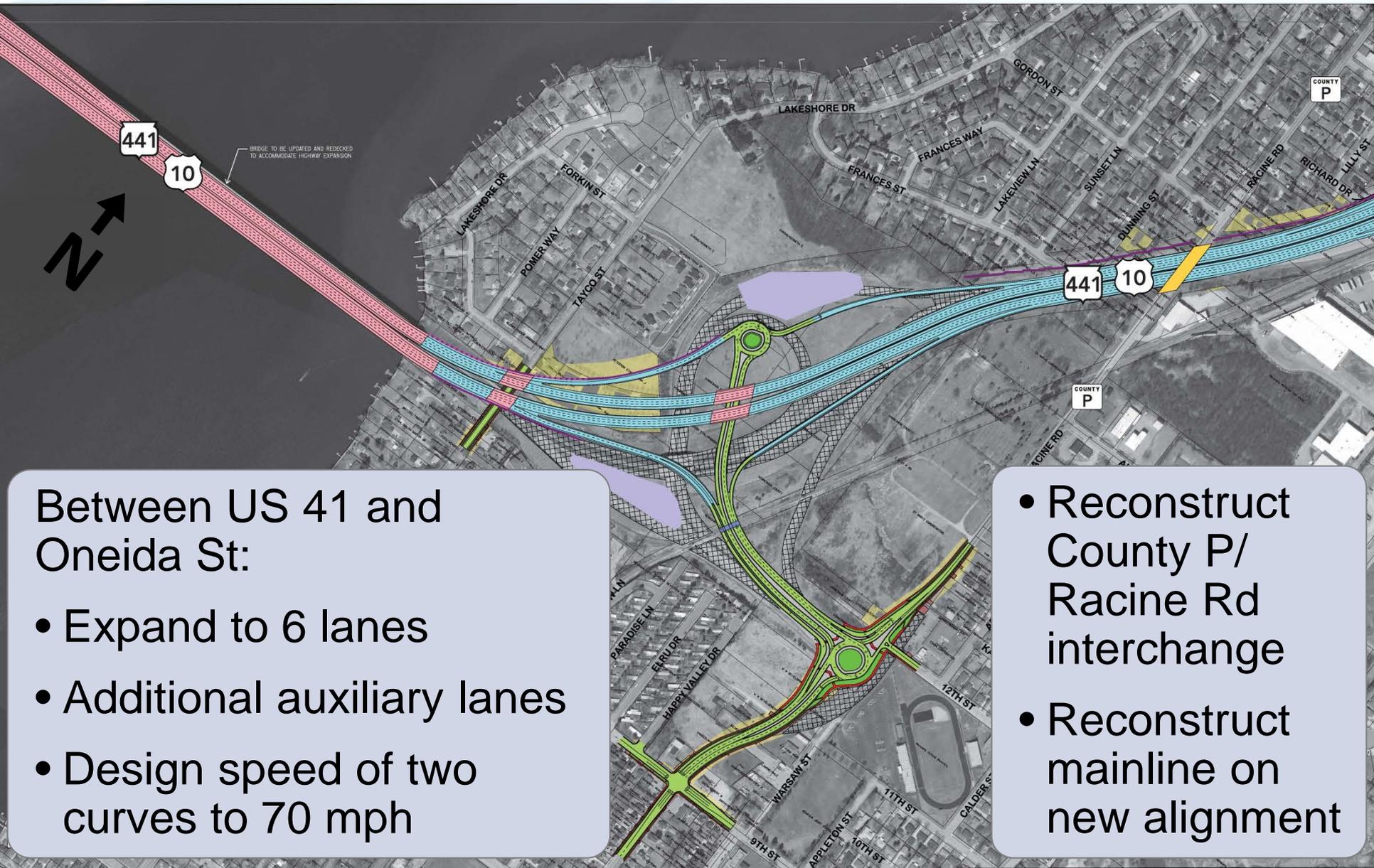
Ramp design refinements

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- Reconstruct US 41/ WIS 441 system interchange
- Free-flow movements all directions

- Construct 2nd parallel bridge over LLBDM

County P/Racine Rd interchange

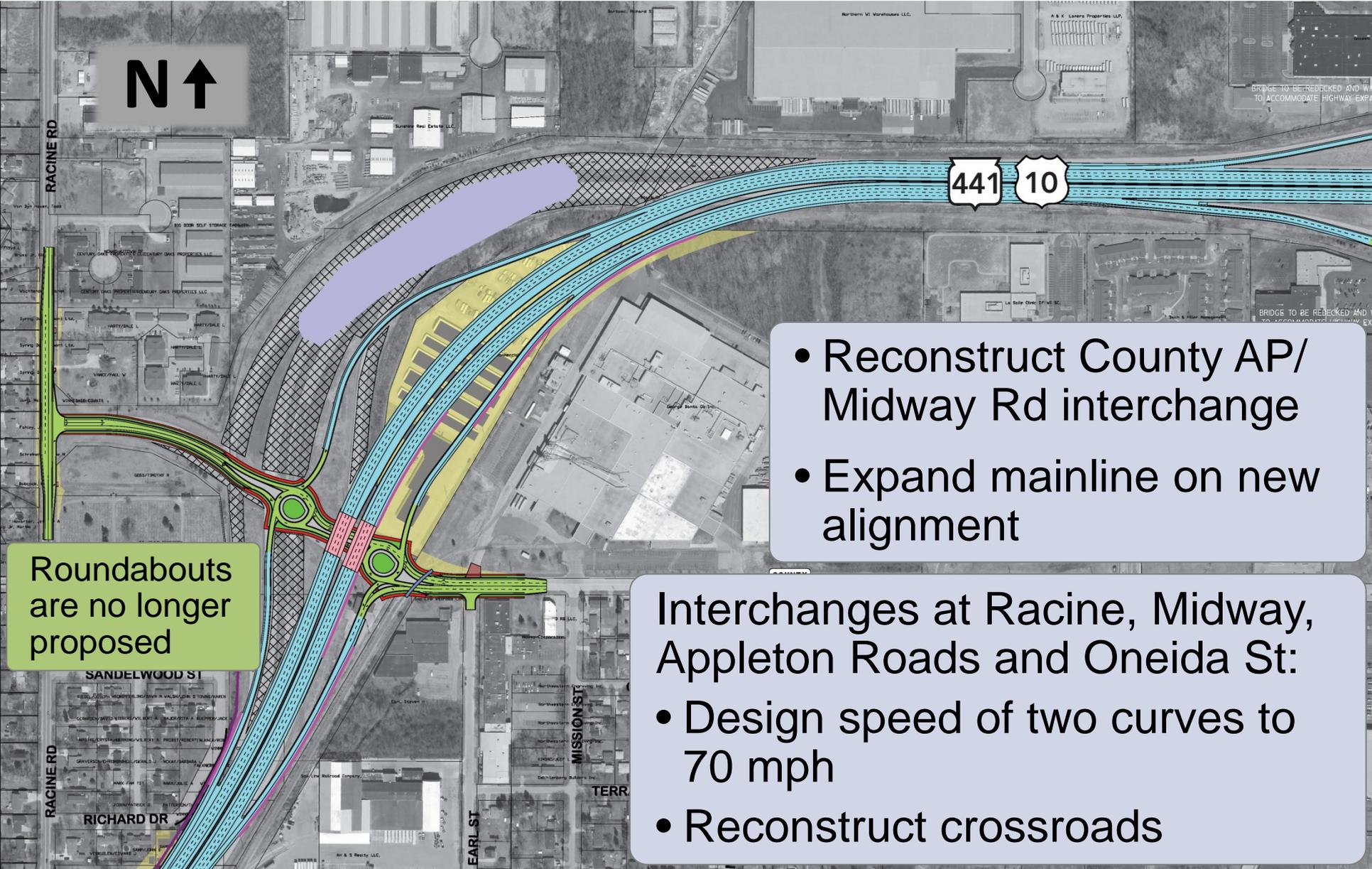


Between US 41 and Oneida St:

- Expand to 6 lanes
- Additional auxiliary lanes
- Design speed of two curves to 70 mph

- Reconstruct County P/Racine Rd interchange
- Reconstruct mainline on new alignment

County AP/Midway Rd interchange

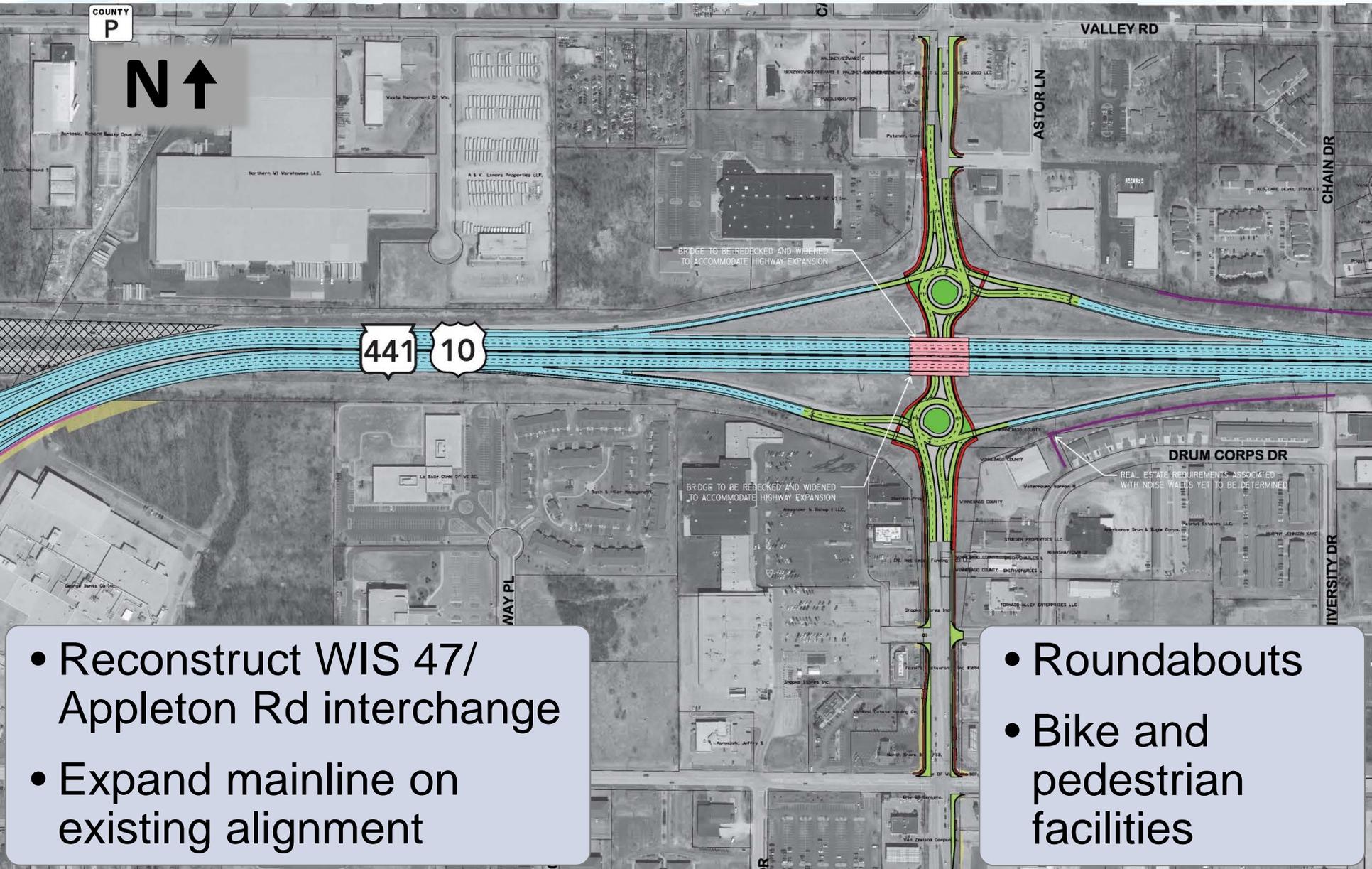


- Reconstruct County AP/ Midway Rd interchange
- Expand mainline on new alignment

Roundabouts are no longer proposed

- Interchanges at Racine, Midway, Appleton Roads and Oneida St:
- Design speed of two curves to 70 mph
 - Reconstruct crossroads

WIS 47/Appleton Rd interchange



- Reconstruct WIS 47/Appleton Rd interchange
- Expand mainline on existing alignment

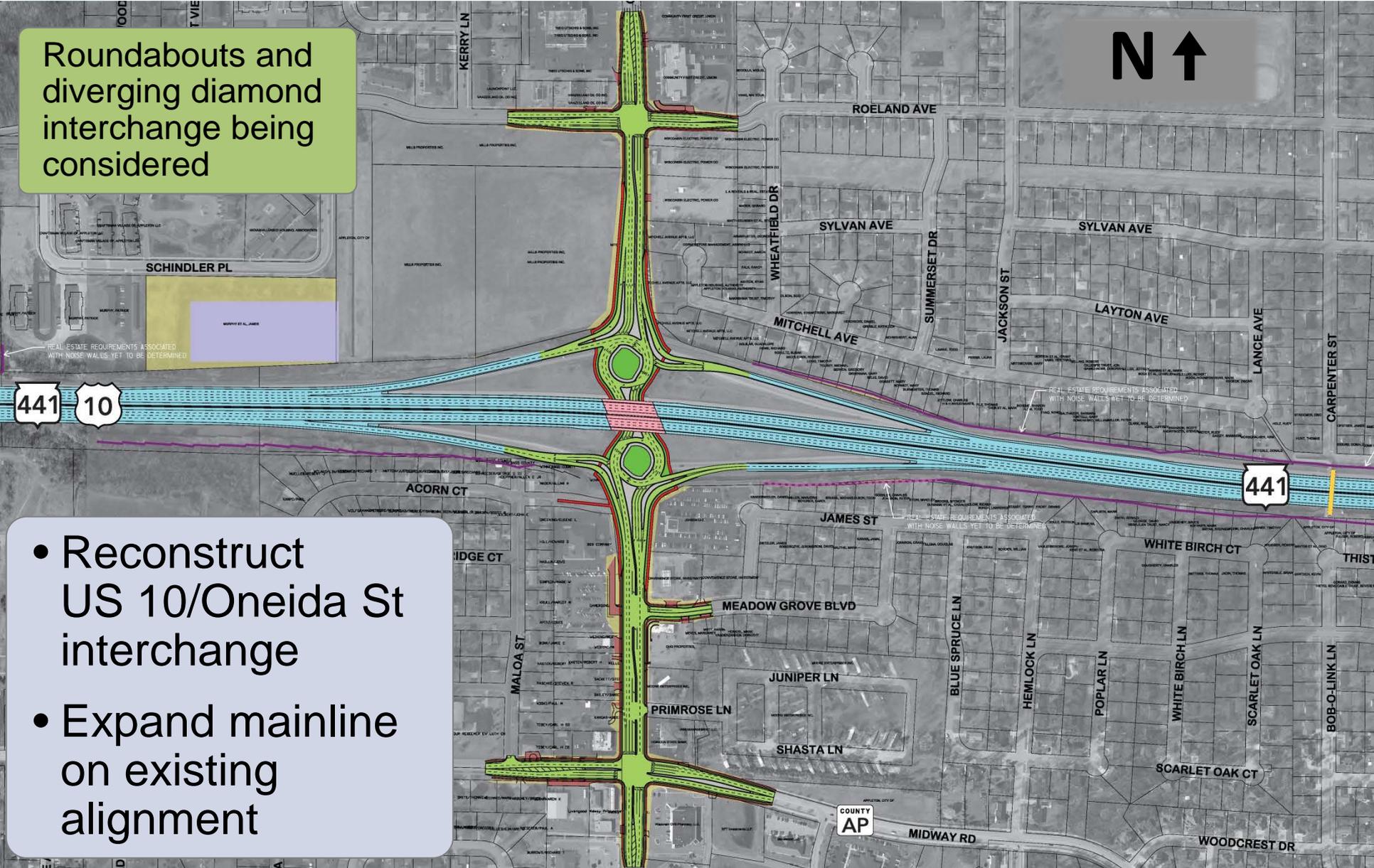
- Roundabouts
- Bike and pedestrian facilities

US 10/Oneida St interchange

Roundabouts and diverging diamond interchange being considered



- Reconstruct US 10/Oneida St interchange
- Expand mainline on existing alignment





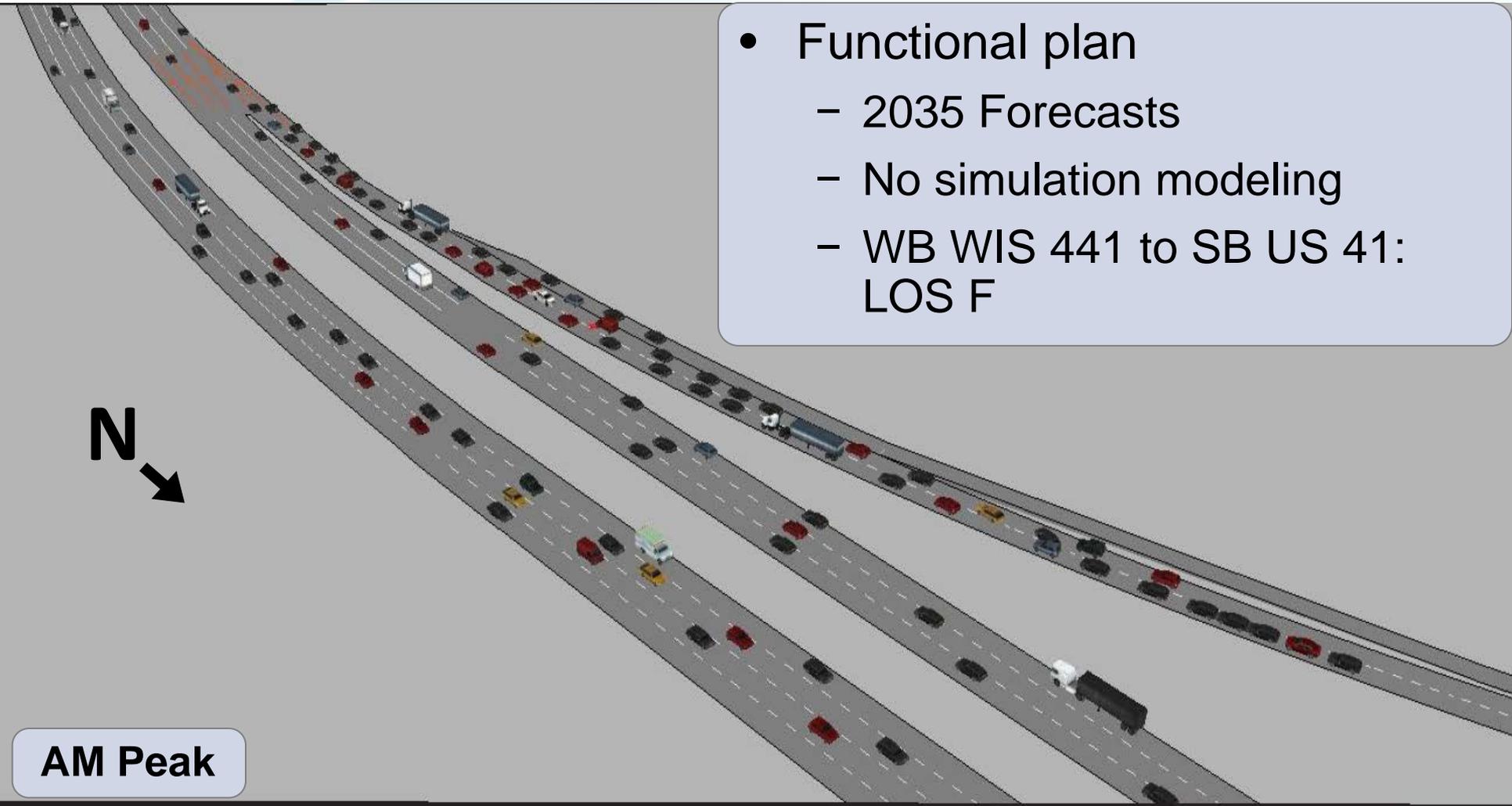
Interchange design

System interchange – US 41 south leg

- Functional plan
 - 2035 Forecasts
 - No simulation modeling
 - WB WIS 441 to SB US 41:
LOS F

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AM Peak



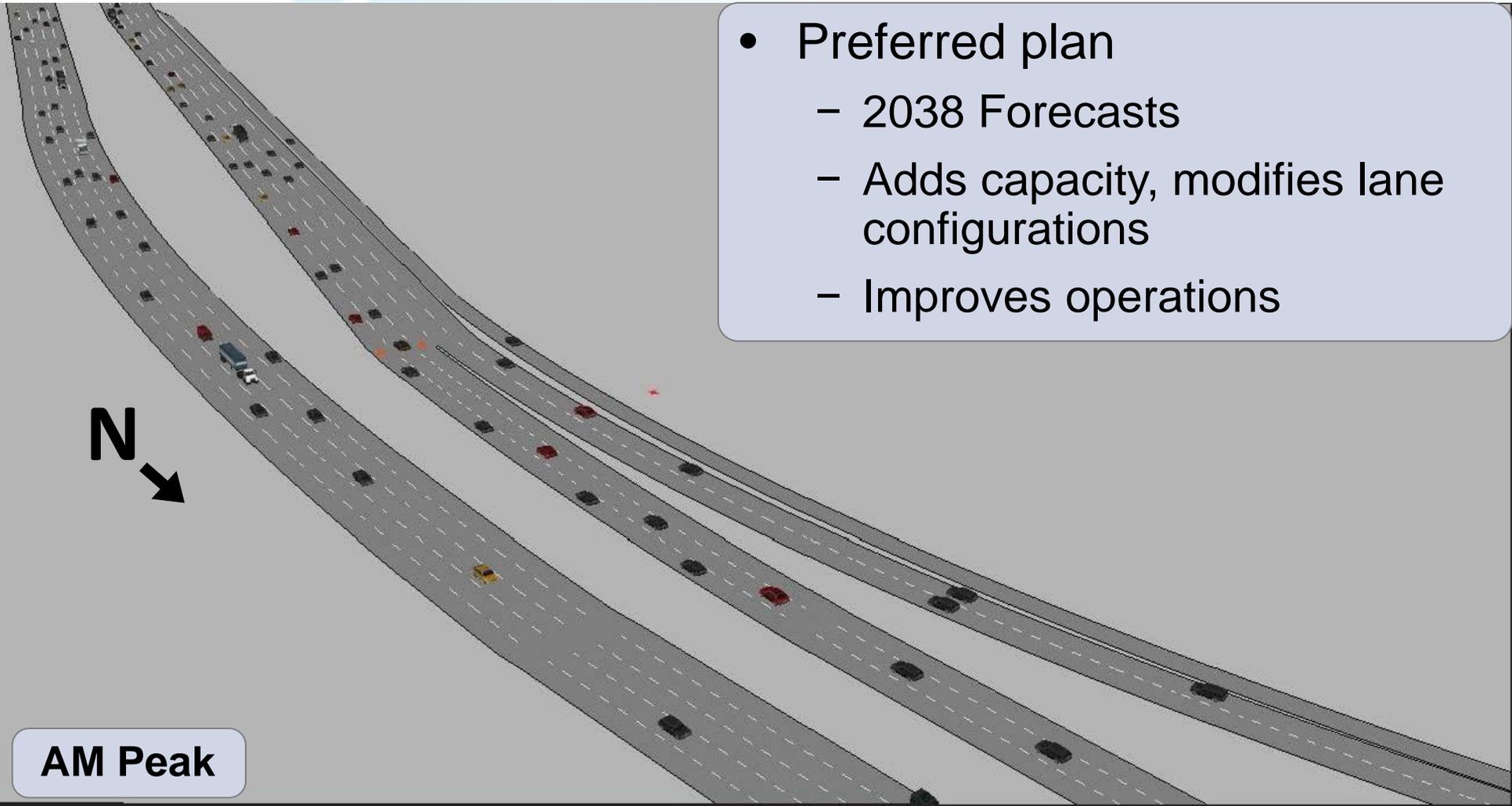
Interchange design

System interchange – US 41 south leg

- Preferred plan
 - 2038 Forecasts
 - Adds capacity, modifies lane configurations
 - Improves operations

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AM Peak



Stakeholder coordination

Federal

- Federal Highway Administration
- US Corps of Engineers
- US Coast Guard
- Federal Aviation Administration
- United States Department of Agriculture
- Bureau of Indian Affairs
- Federal Emergency Management Agency
- US Fish and Wildlife Service

State, Regional and Local

- Wisconsin Department of Natural Resources
- State Historical Preservation Office
- Airports and Marinas
- Emergency responders
- School districts
- Large employers
- Event organizers
- Businesses
- Industries and freight
- Transit

Stakeholder coordination

Local and elected officials, businesses, public

- 1525 residents
- 525 businesses
- 250 local and elected officials
 - Officials from Winnebago, Calumet and Outagamie counties
 - City of Appleton
 - Wisconsin Legislature
 - Town of Menasha
 - East Central Regional Planning Commission
 - City of Menasha
 - Wisconsin Legislature
 - Town of Harrison

Project budget

Function	Budget	Total to date*
Design	\$31,000,000	\$12,238,780
Real Estate	\$30,000,000	--
Utilities	\$8,000,000	--
Construction	\$346,000,000	--
Total	\$415,000,000	\$12,238,869

* as of Dec 31, 2012

- 3% expended to date