





I-39/90/94 Corridor Study

Frank Pritzlaff, PE WisDOT Project Manager

Public Involvement Meeting #2



Presentation Topics

- 1. Study Overview
- 2. Study Purpose & Corridor Needs
- 3. Study Schedule
- 4. Interstate Alternatives
- 5. Interchange Alternatives
- 6. Next Steps
- 7. Contact Information















Study Overview

- 67 miles of I-39/90/94
 - From US 12/18 (Madison) to US 12/WIS 16 (Wisconsin Dells)
 - Spans Dane, Columbia, Sauk and Juneau counties
- Does not include:
 - Wisconsin River Bridges Project
 - WIS 60 interchange reconstruction
- Limited to on- and near-alignment alternatives (no bypass)











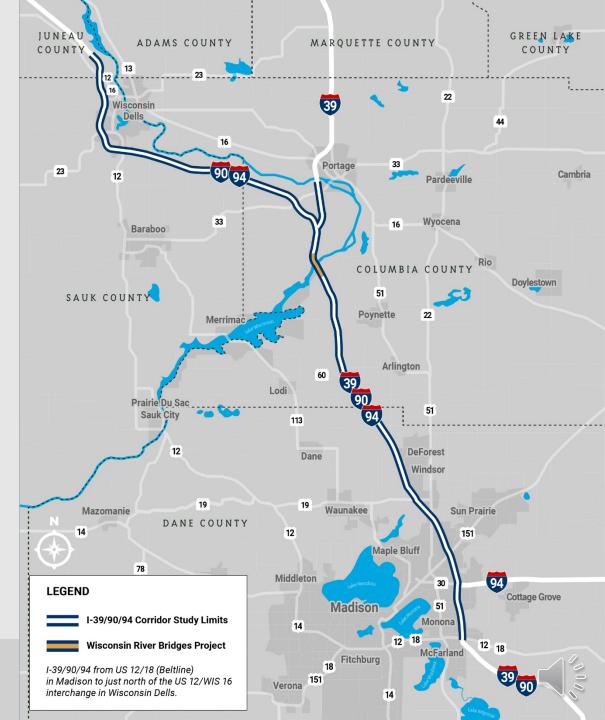












Study Overview

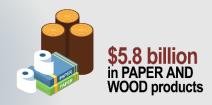
- Primary long-haul truck route and regional vehicle corridor through state
- Vitally important to economic health of the state and region























 Acts as a gateway from major population centers – Chicago, Milwaukee, Madison, Minneapolis to popular outdoor recreation and tourist destinations

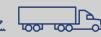




















Study Overview – Project Team

- WisDOT Southwest Region
 - Dan Schave, P.E. Supervisor
 - Frank Pritzlaff, P.E. Project Manager
 - Brian Taylor Environmental Coordinator
- WisDOT Central Office Bureau of Technical Services
 - Mike Helmrick NEPA compliance
- Federal Highway Administration (FHWA)
 - Bethaney Bacher-Gresock

 Environmental Program Manager
 - Dave Platz, P.E. Major Projects Oversight Engineer
 - Michelle Gehrke, P.E. Transportation Engineer



















Study Purpose and Corridor Needs

Study Purpose:

Address existing and future traffic demands, safety issues, aging and outdated corridor infrastructure, and corridor resiliency.



























Study Purpose and Corridor Needs

Corridor Needs:

TRAFFIC



Traffic volumes along the study corridor are increasing, causing vehicle congestion and backups on the Interstate and decreasing travel time reliability

SAFETY



Crash rates along the study corridor, especially at interchanges, exceed the statewide average crash rate





















Study Purpose and Corridor Needs

Corridor Needs:

PAVEMENT



Pavement maintenance projects are anticipated in **24 of the next 30 years** somewhere in the study corridor

BRIDGES



84 of 113 structures in the study corridor will be over 50 years old by 2030 and many bridges do not meet current design standards

FLOODING



Floods causing Interstate
closures impact corridor
resilience and disrupt vital
commerce and emergency
services connections











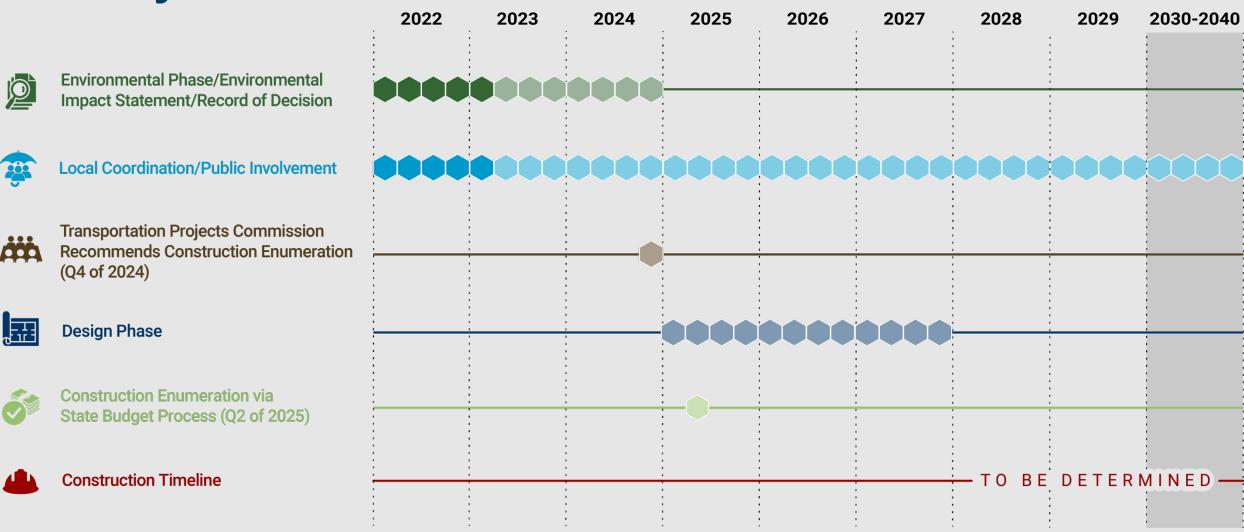








Study Schedule

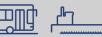




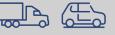
















Study Schedule

2022

2023

2024



Corridor Study Tasks

- » Data collection
- » Develop study purpose and need
- Develop transportation alternatives
- » Coordination
 - Local and federal agency coordination
 - Citizens advisory committee
 - Technical advisory committee
 - · Local officials advisory committee

- » Further develop transportation alternatives and study purpose and need
- » Begin environmental impact analysis
- » Continued coordination
 - Local and federal agency coordination
 - Citizens advisory committee
 - · Technical advisory committee
 - Local officials advisory committee

- » Finalize environmental impact analysis
- » Complete environmental document
- Continued coordination
- Local and federal agency coordination
- Citizens advisory committee
- Technical advisory committee
- Local officials advisory committee







September 2022

Public Involvement Meeting No. 1



Spring 2023

Public Involvement Meeting No. 2



Public Involvement Meeting No. 3



May 2024
Public Hearing



Final Environmental Impact Statement



Draft Environmental Impact Statement





















Interstate Alternatives

- No Build [used as baseline]
 - No improvements
- Traffic Demand Management/Traffic Systems Management & Operations [partially eliminated]
 - Public transportation, ramp metering, park and ride lots, traffic detectors, variable message signs,
 crash investigation sites, part-time hard shoulder running, reversible lanes
- Off Alignment East Reliever [eliminated]
- Spot Improvements [eliminated]
 - Spot safety and operational improvements
- Interstate Modernization [three alternatives see next slide]
 - Existing interchange reconstruction
 - Potential new interchange access











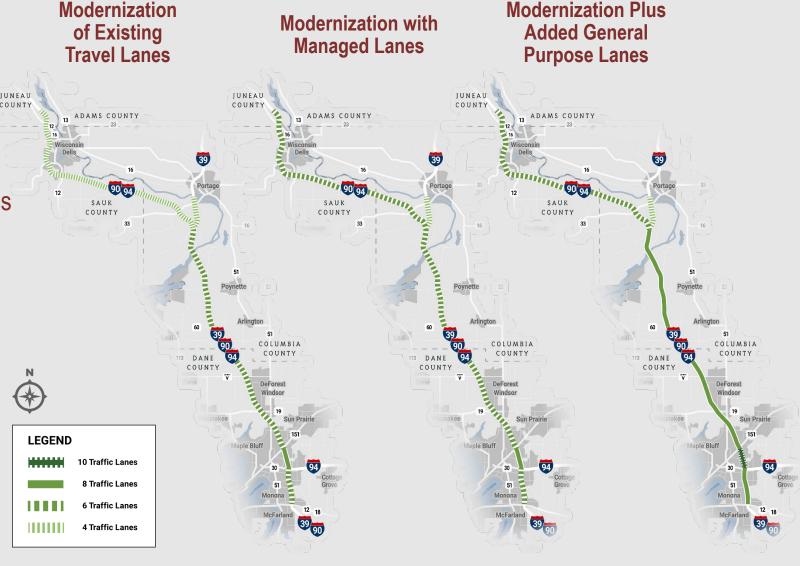






Interstate Alternatives

- Mainline build alternatives:
 - Modernization of Existing Travel Lanes
 - Modernization with Managed Lanes
 - Modernization Plus Added General Purpose Lanes
- Modernization:
 - Definition
 - Other Potential Operational Improvements
- Not a "one or the other" choice















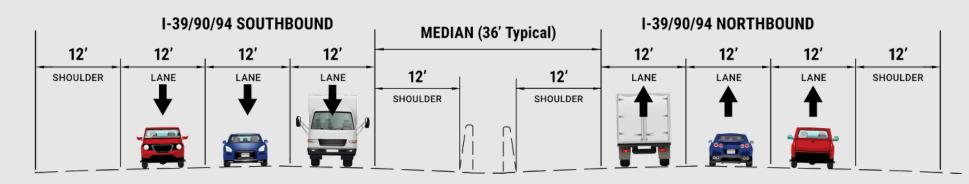


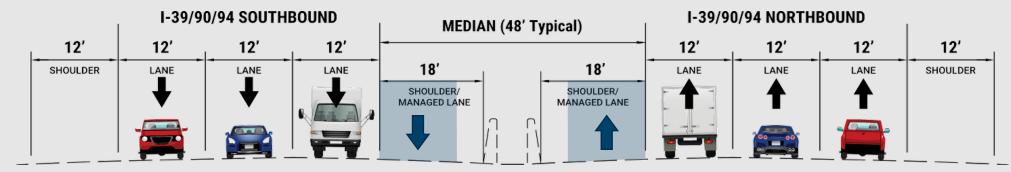


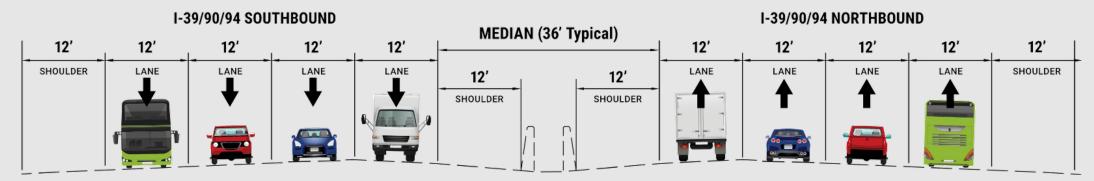




I-39/90/94 from US 12/18 to I-39 I-90/94 Split

















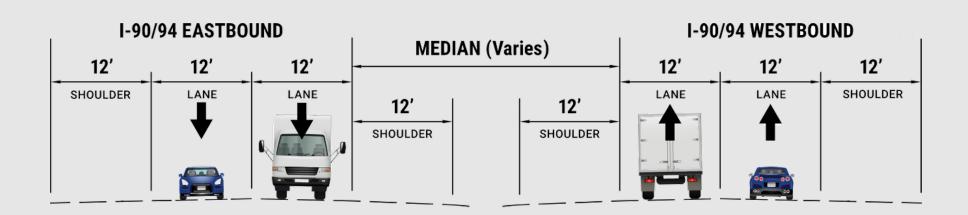


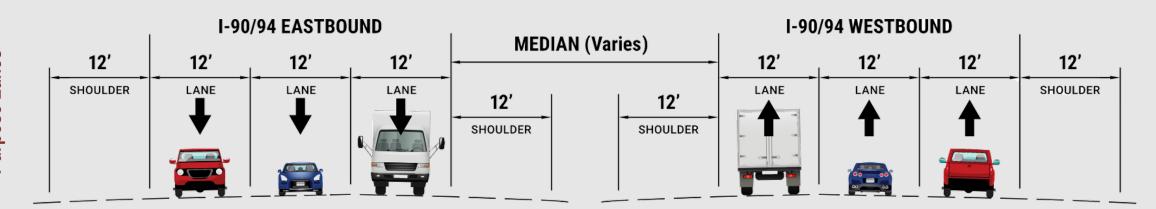






I-90/94 from I-39 I-90/94 Split to US 12/WIS 16



















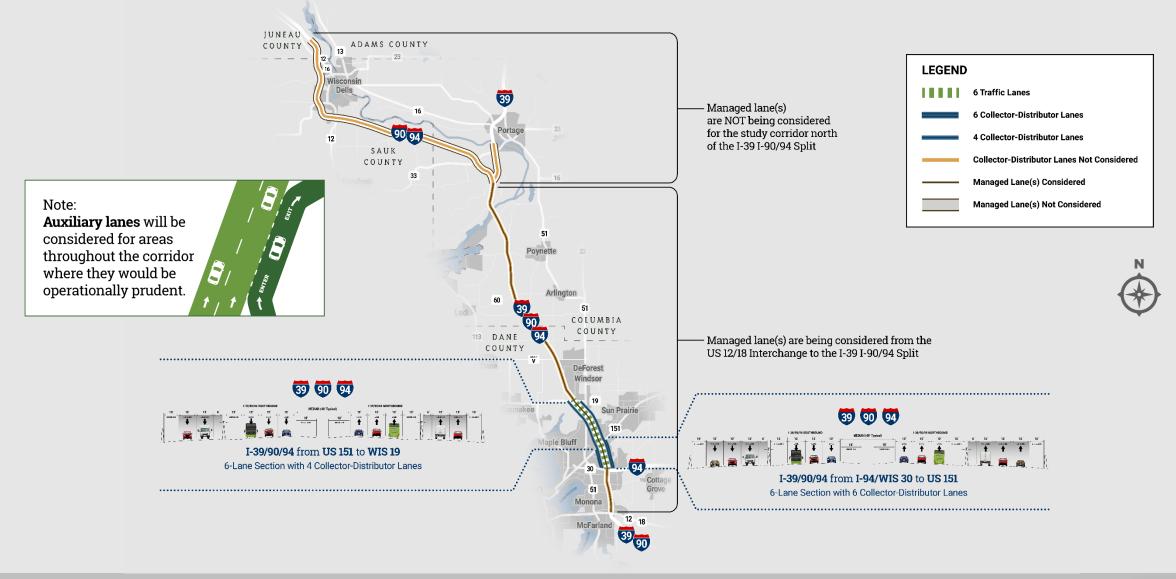








Potential Collector-Distributor, Managed and Auxiliary Lanes

















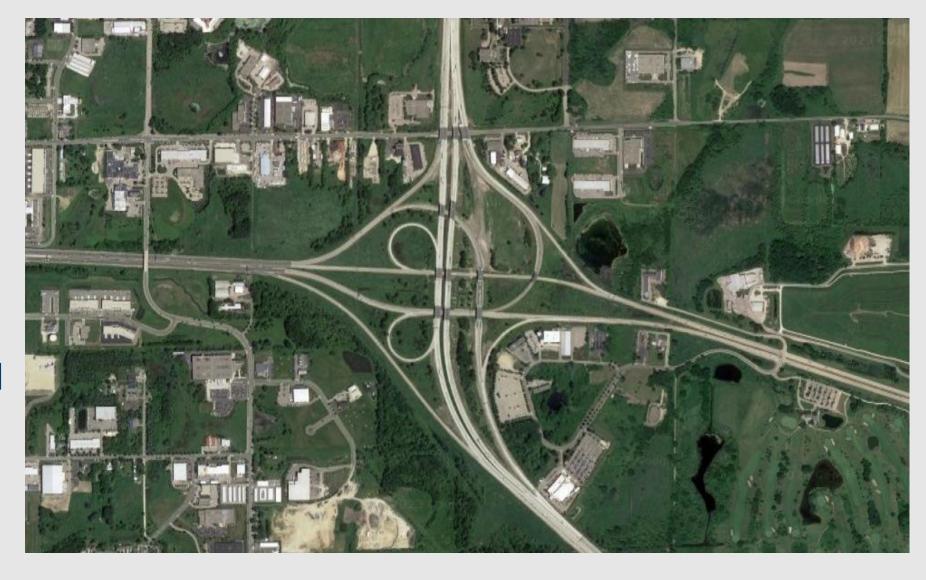






US 12/18 Interchange

- Will not be reconstructed as part of any future project from this study
- This study will tie into recently reconstructed I-39/90 project





















Interchange Alternatives

Existing Interchanges

- I-94/WIS 30
- **US** 151
- WIS 19
- County CS
- WIS 33 @ I-39
- WIS 33 @ I-90/94
- WIS 23
- US 12/WIS 16

- High Crossing Blvd
- US 51
- County V
- I-39 I-90/94 Split
- Cascade Mountain Rd
- US 12
- WIS 13

Potential New Interchanges

Hoepker Rd

Milwaukee Street























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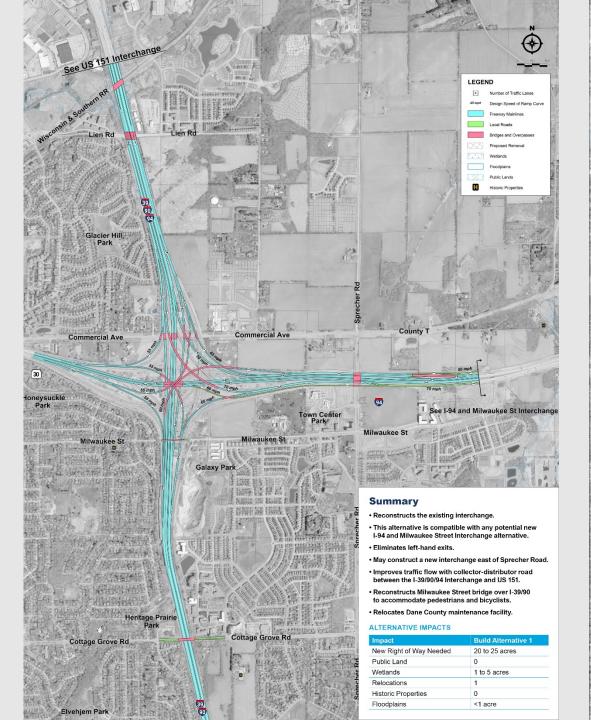


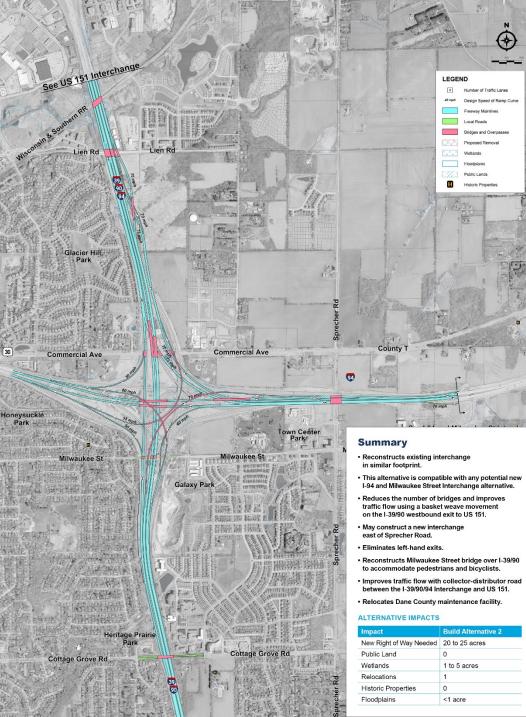




I-94/WIS 30 Interchange









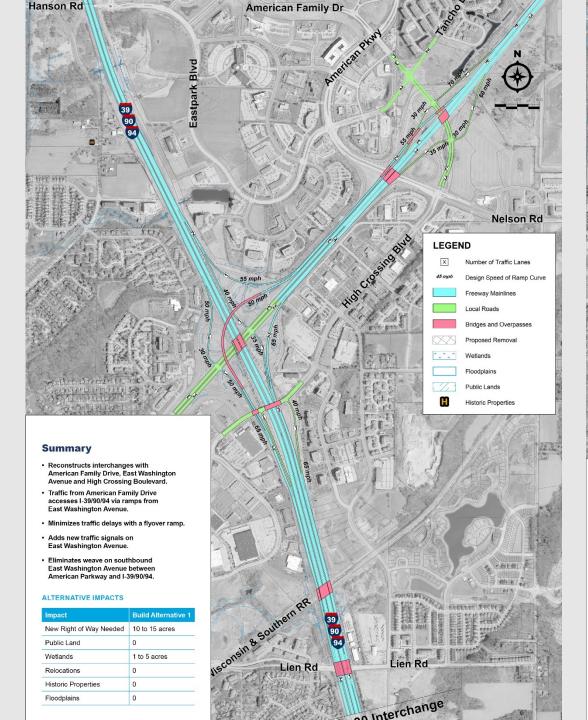


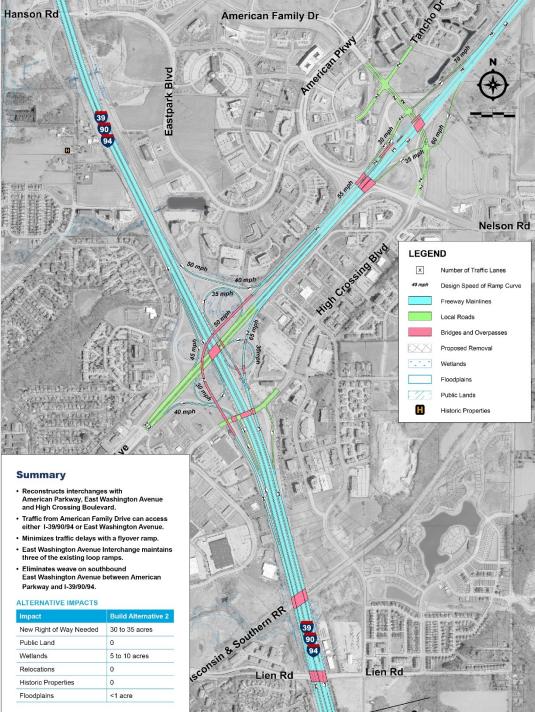




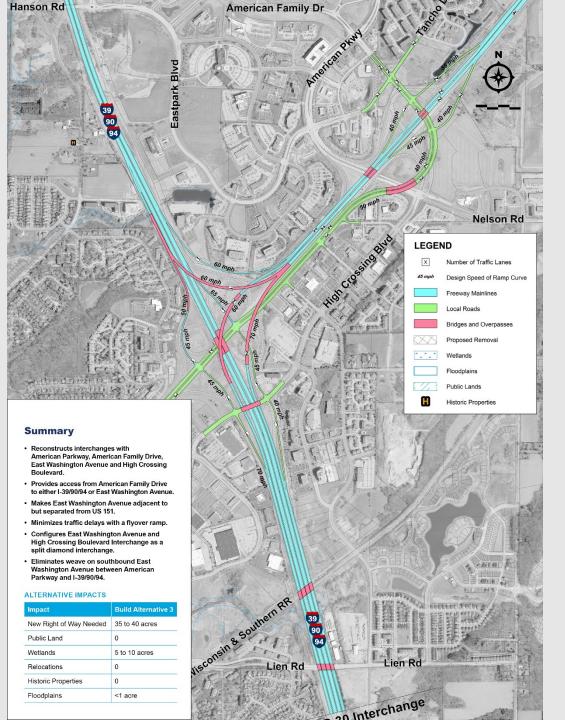
US 151 & High Crossing Boulevard Interchanges

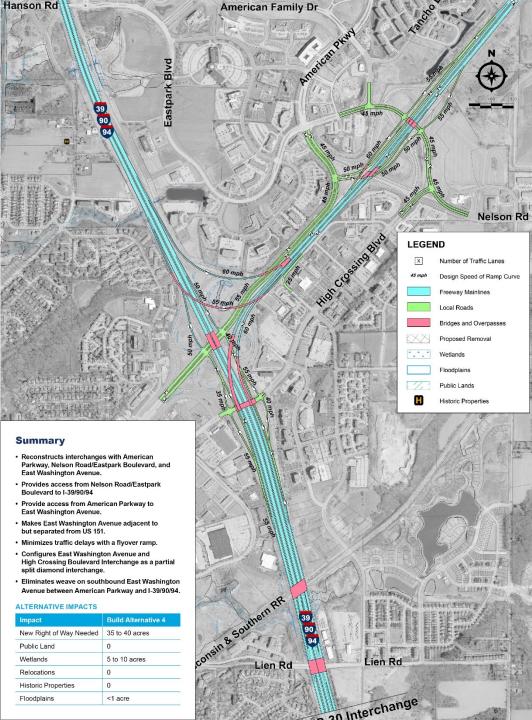














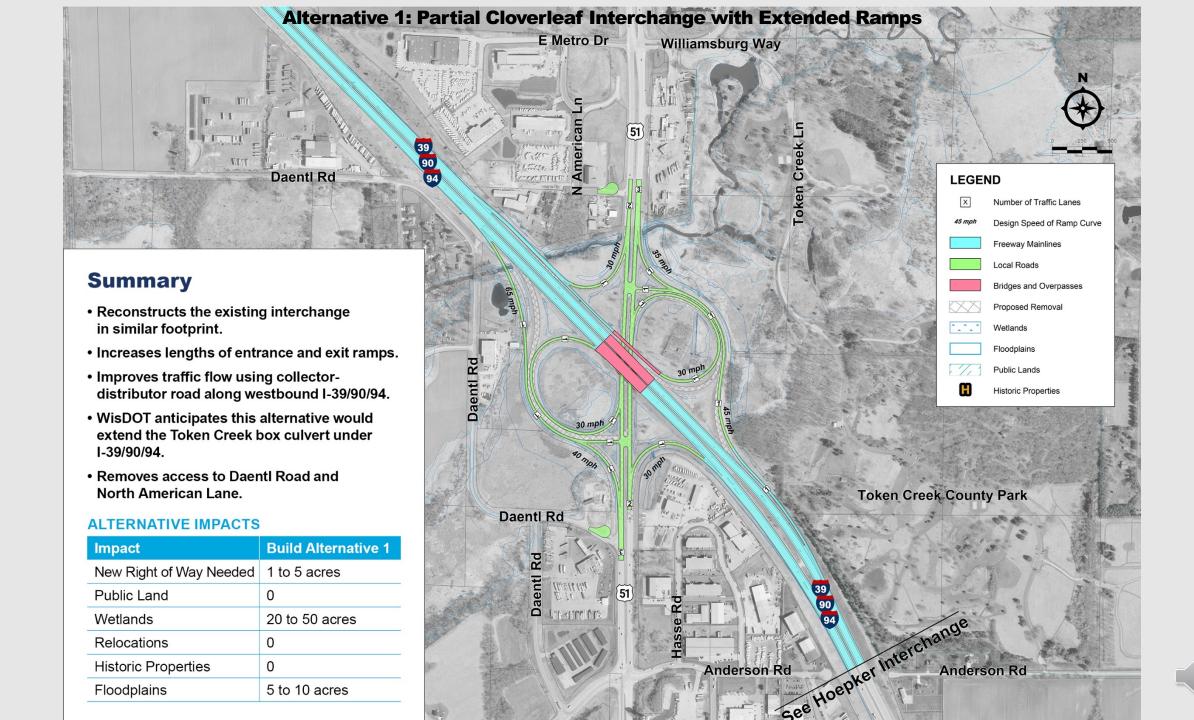


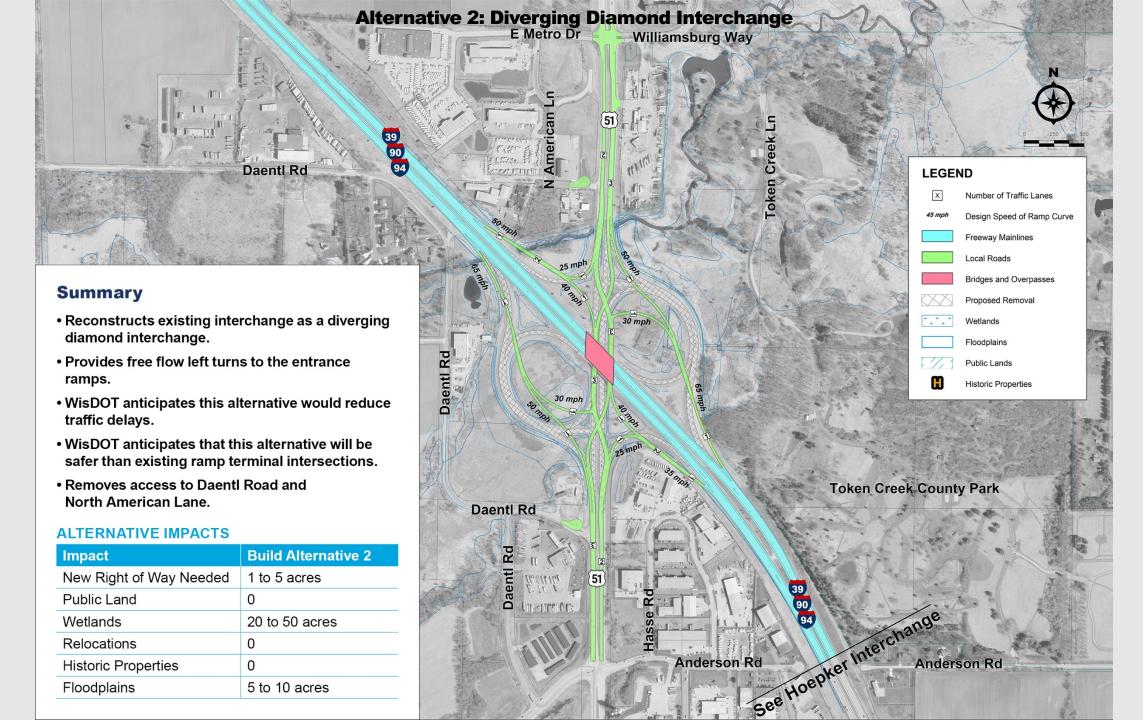




US 51 Interchange









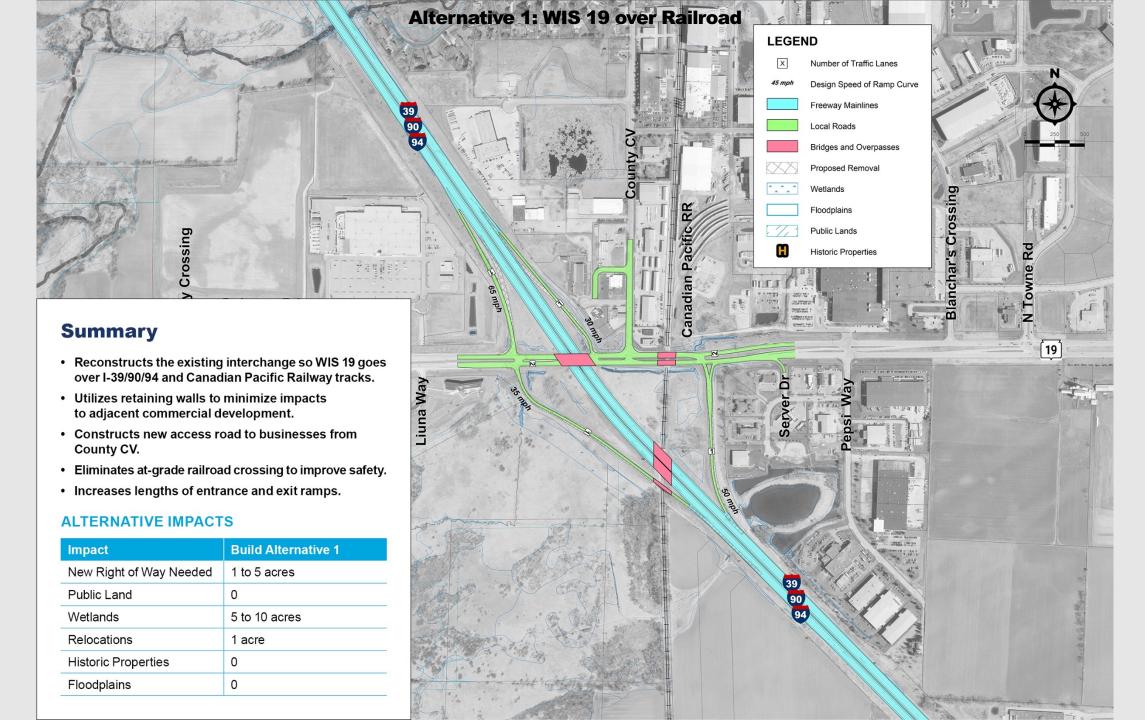




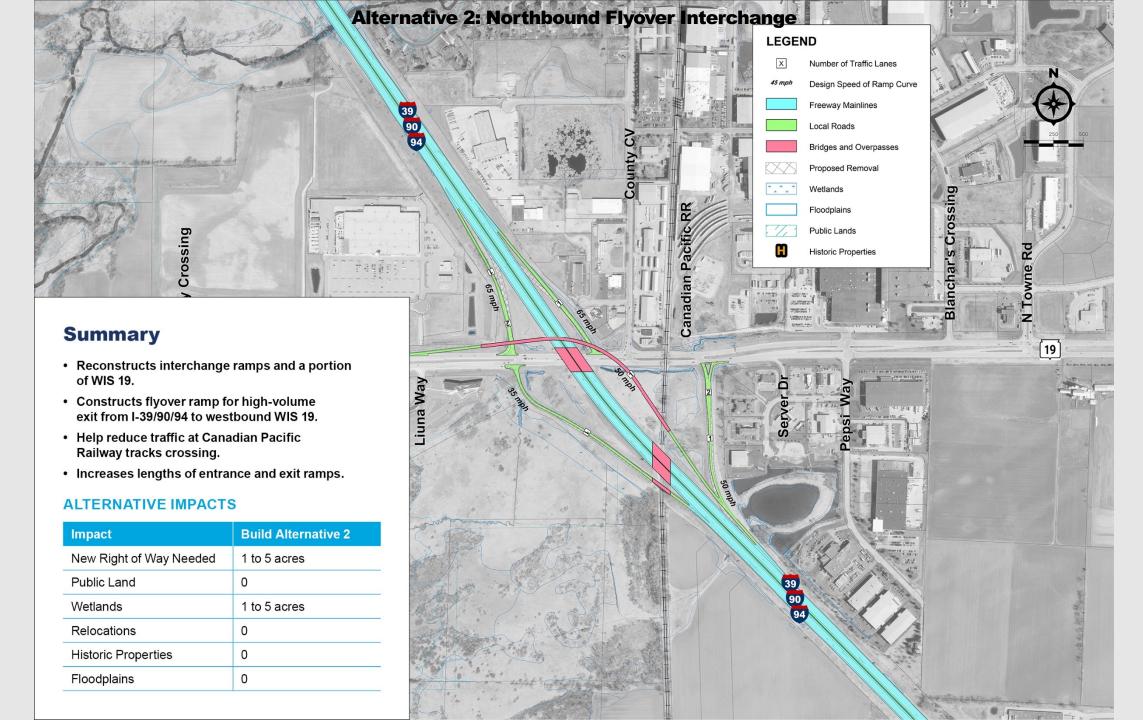


WIS 19 Interchange

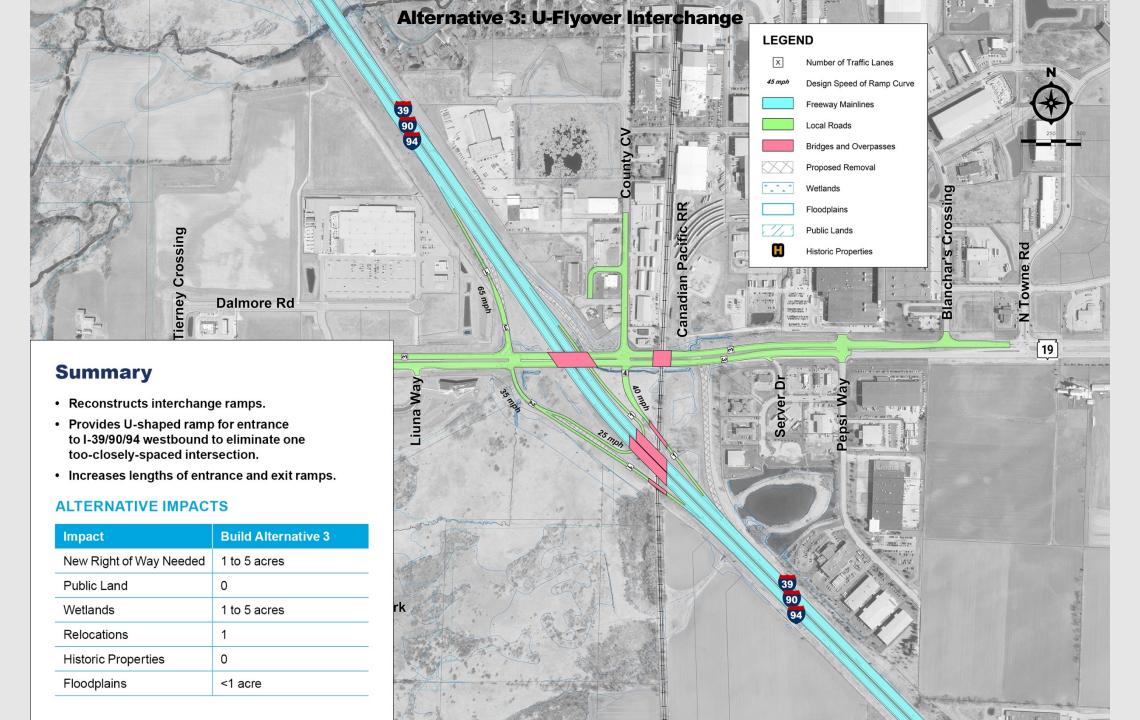




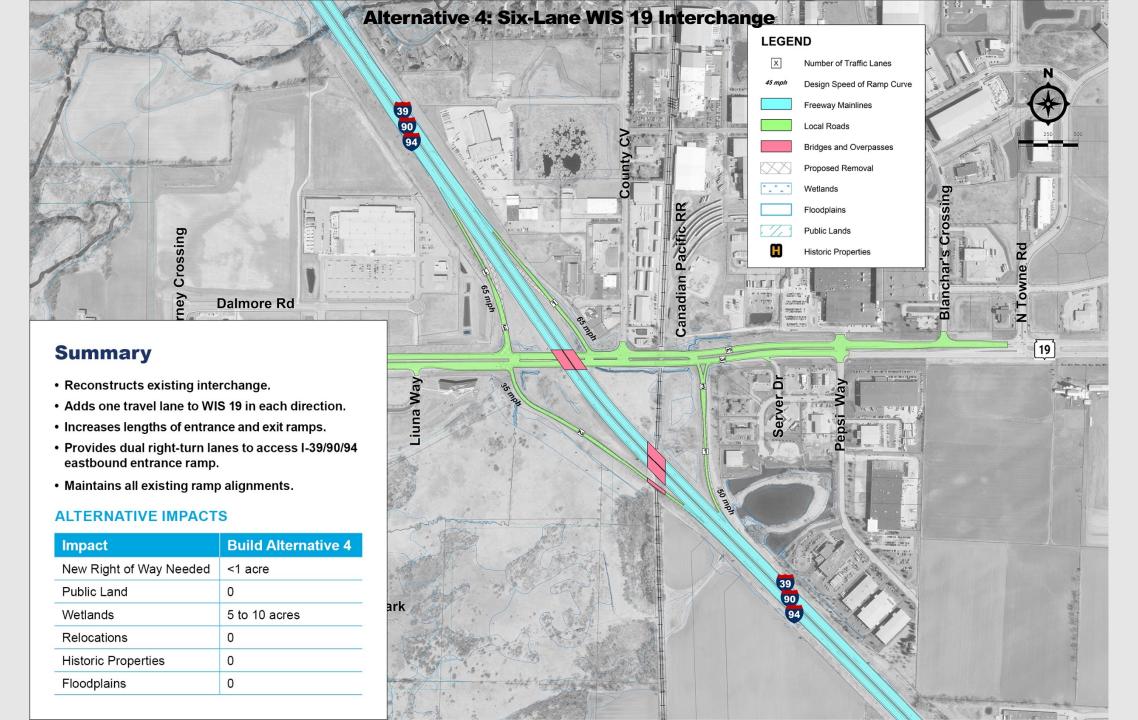














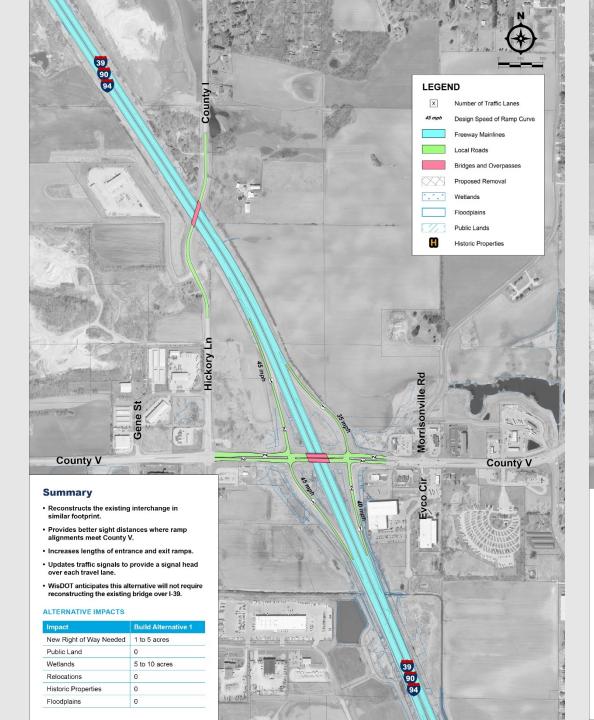


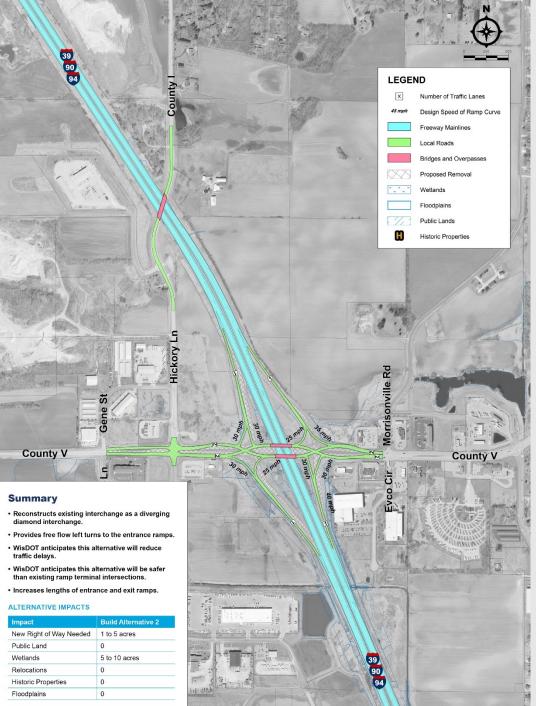




(Dane) County V Interchange









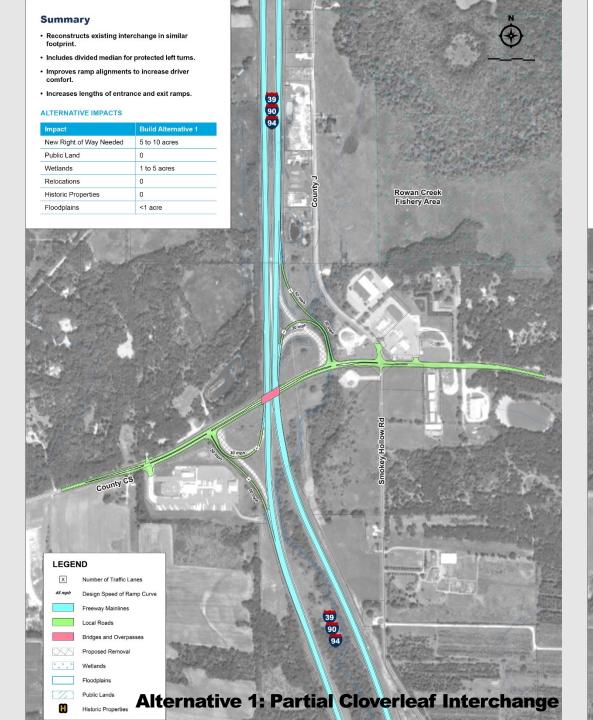






(Columbia) County CS Interchange





Summary

- Reconstructs existing interchange in similar footprint
- Keeps existing County CS a two-lane roadway.
- Improves ramp alignments to increase driver comfort.
- · Increases lengths of entrance and exit ramps.

ALTERNATIVE IMPACTS

LEGEND

*_ * Wetlands

Floodplains

Public Lands

Historic Properties

Number of Traffic Lanes

Bridges and Overpasses
Proposed Removal

Freeway Mainlines
Local Roads

Design Speed of Ramp Curve

Impact	Build Alternative 2
New Right of Way Needed	1 to 5 acres
Public Land	0
Wetlands	1 to 5 acres
Relocations	0
Historic Properties	0
Floodplains	<1 acre

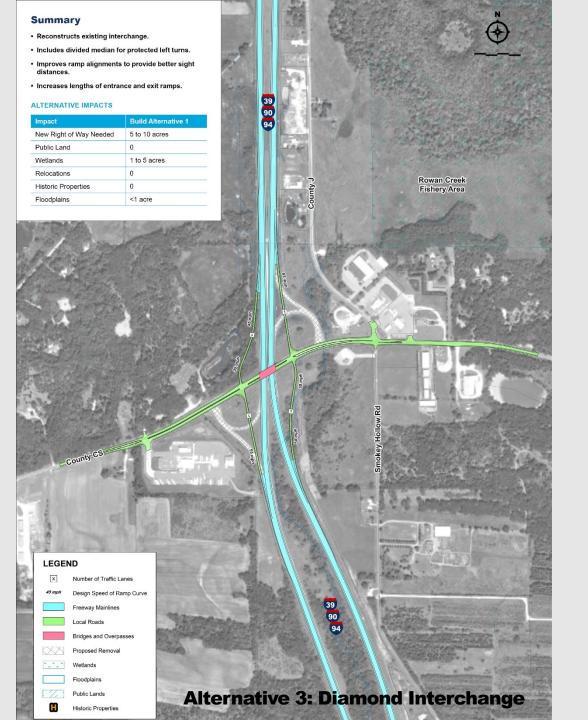
Rowan Creek Fishery Area

Alternative 2: Partial Cloverleaf

Interchange Without County CS

Reconstruction







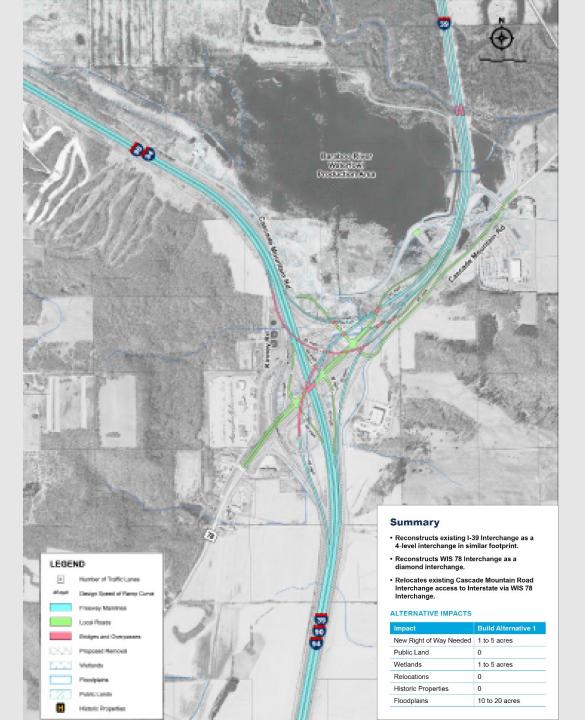


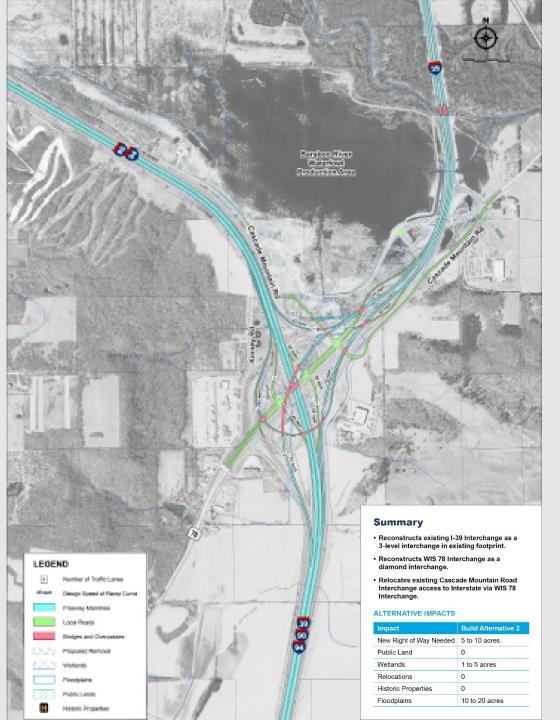




I-39 I-90/94 Split & Cascade Mountain Road Interchanges











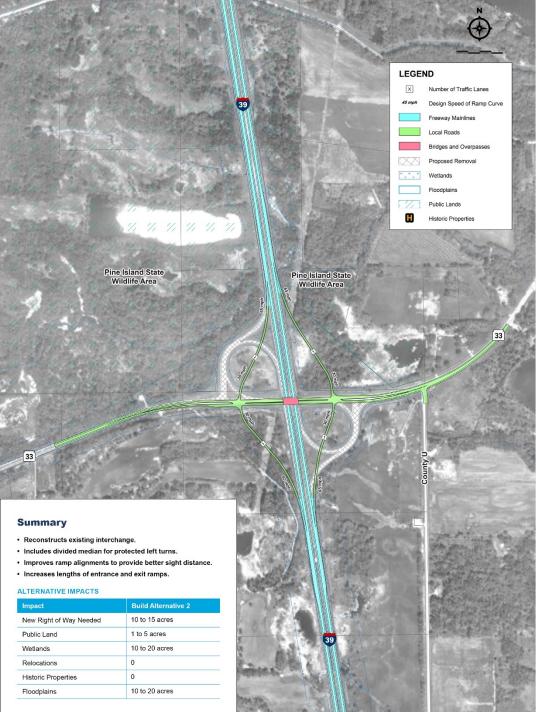




WIS 33 Interchange at I-39









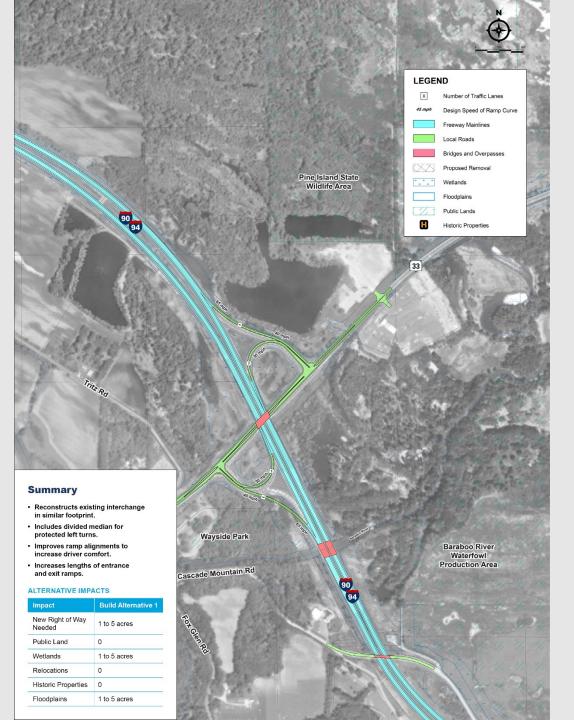


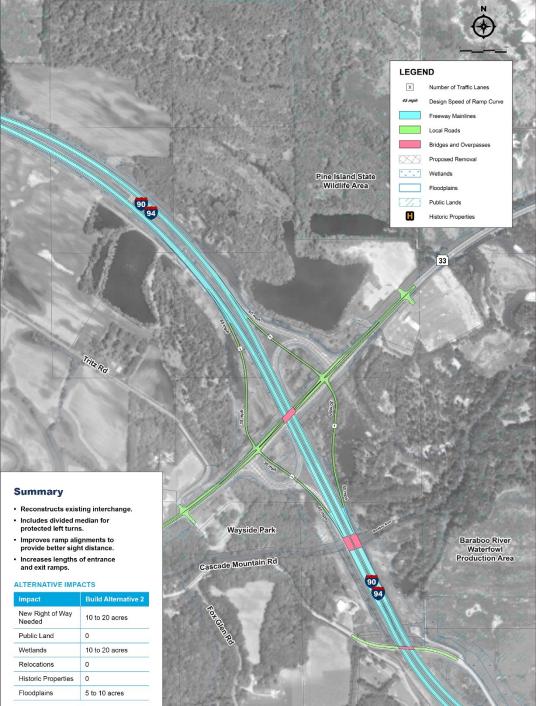




WIS 33 Interchange at I-90/94









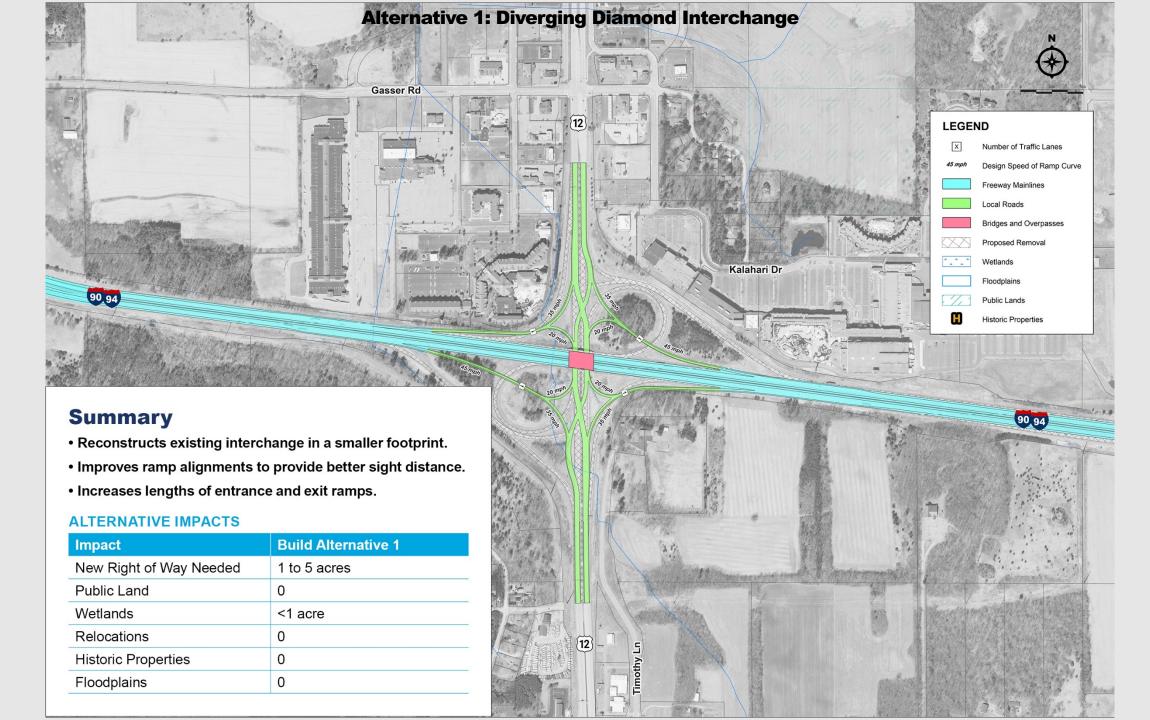




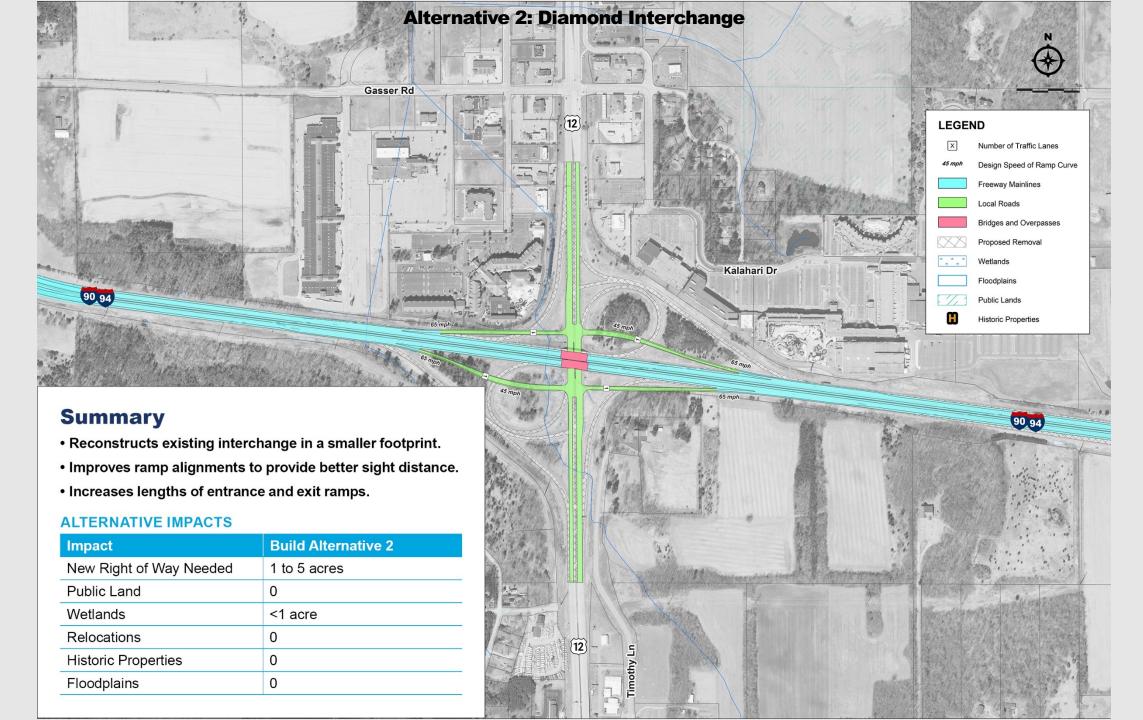


US 12 Interchange

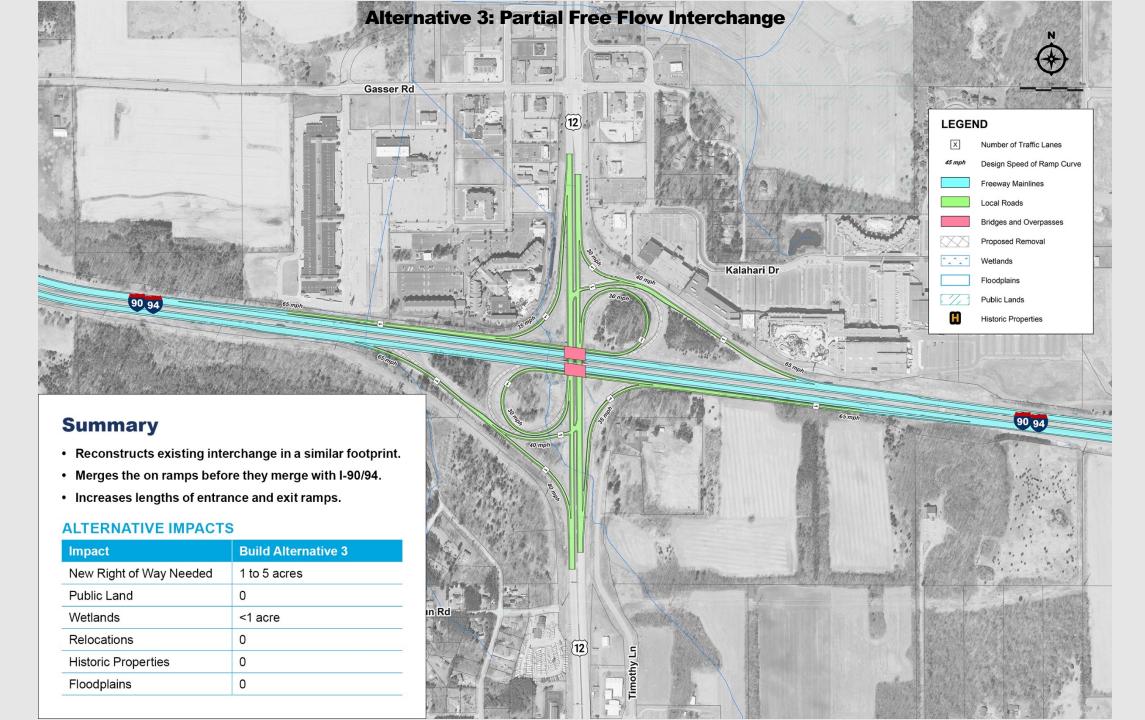














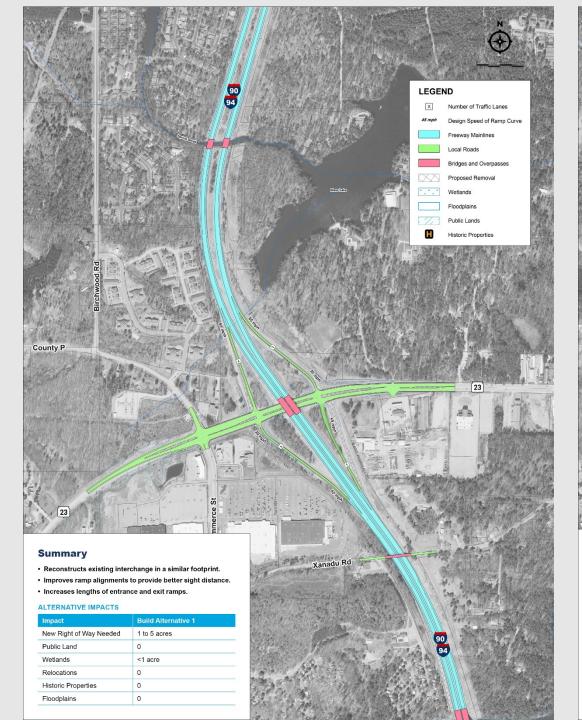


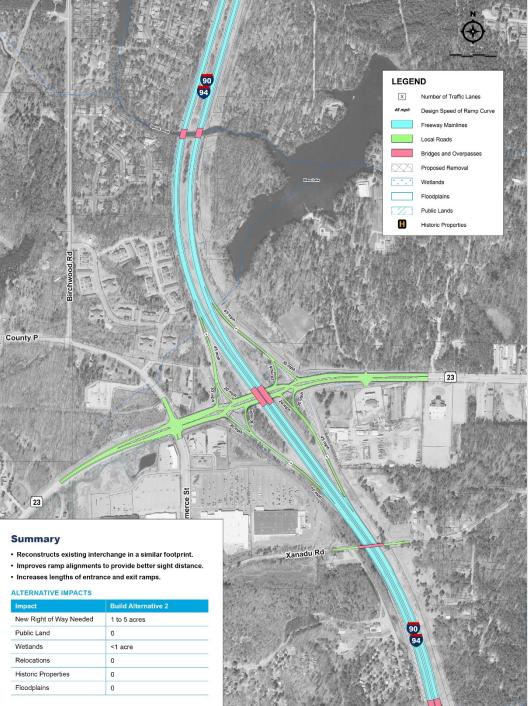




WIS 23 Interchange









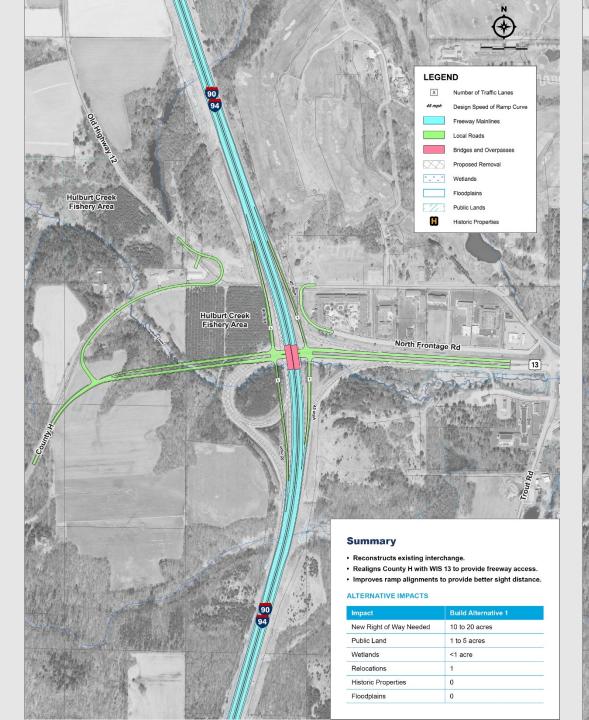


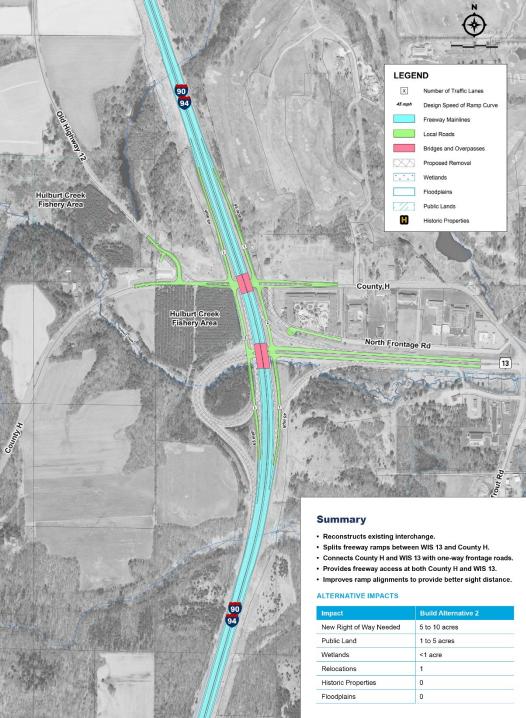




WIS 13 Interchange









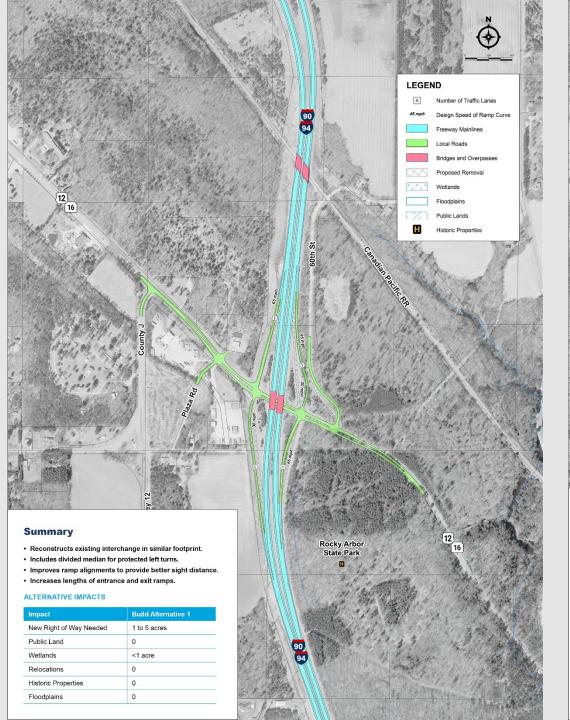


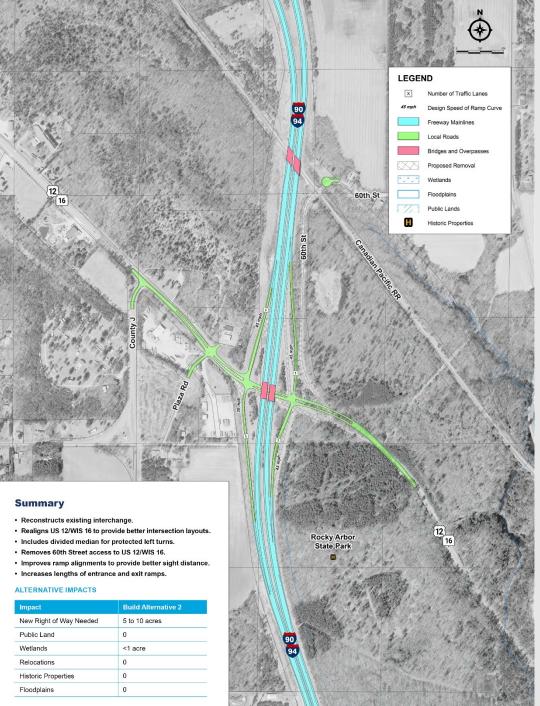




US 12/WIS 16 Interchange









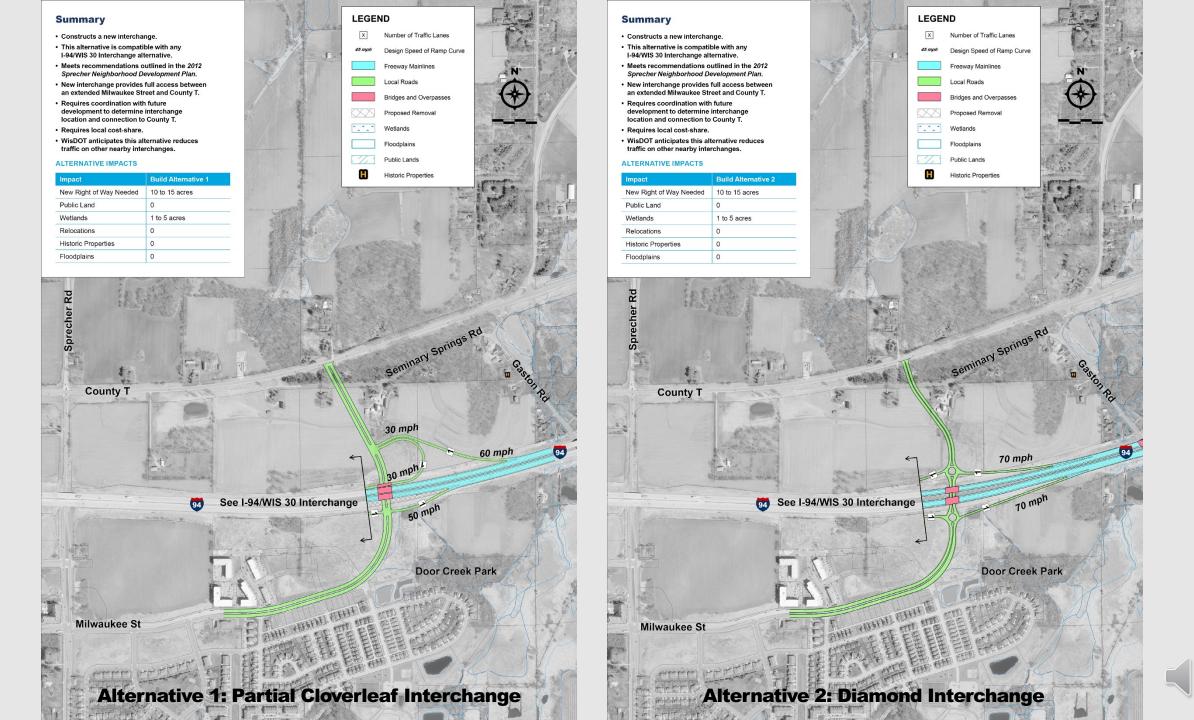






[Potential New] Milwaukee Street Interchange





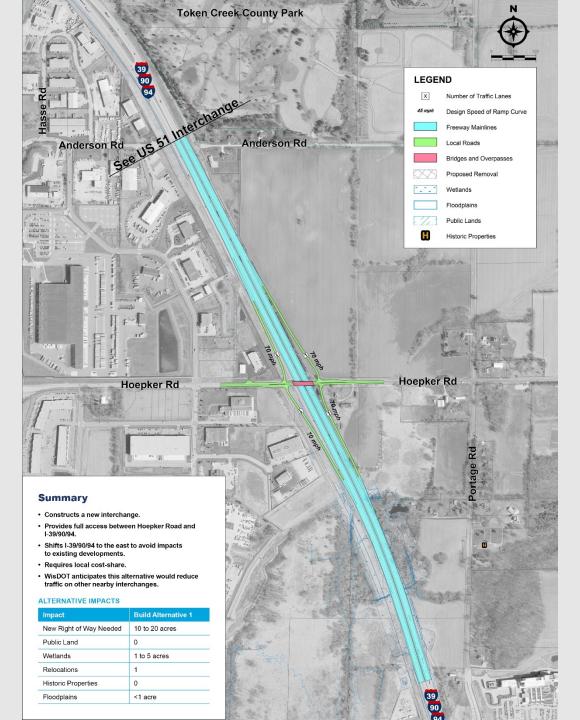


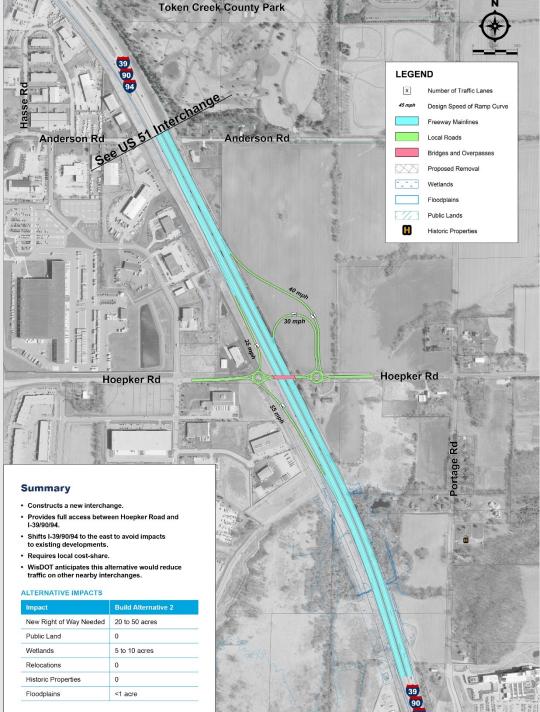




[Potential New] Hoepker Road Interchange









Evaluating Alternatives

- Purpose and Need
 - Traffic demand
 - Is Level of Service acceptable?
 - Safety
 - Would the alternative address identified safety concerns?
 - Pavement and bridge condition
 - Would pavement and bridges be improved?
 - Corridor resiliency
 - Will design reduce flood risk?
- Other screening factors:
 - Impacts, public/agency input, cost



Next Steps

- Reduce alternatives:
 - Traffic & safety analysis
 - Environmental impacts & cost
 - Feedback from agencies & PIMs
- Publish a Notice of Intent to prepare a Draft Environmental Impact Statement/Public Scoping (Spring 2023)
- Develop remaining alternatives
- Determine a "Preferred Alternative"
- PIM #3 (late 2023)
- Draft EIS (April 2024)
- Public Hearing (May 2024)

















Contact Information





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WEB

tinyurl.com/InterstateStudy













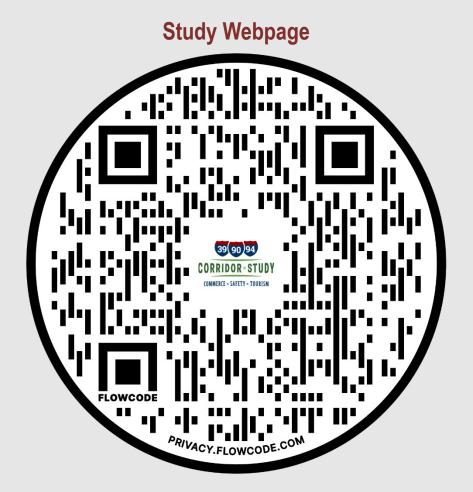




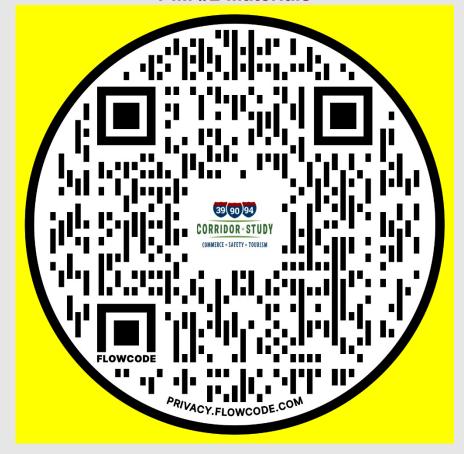




Contact Information

































I-39/90/94 Corridor Study

Frank Pritzlaff, PE WisDOT Project Manager

Combined Advisory Committee Meeting CAC, TAC, & LOAC

April 6th, 2023



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