



Red Wing Bridge Project



PAC #11/TAC #14
June 25, 2015

We all have a stake in **A  B**

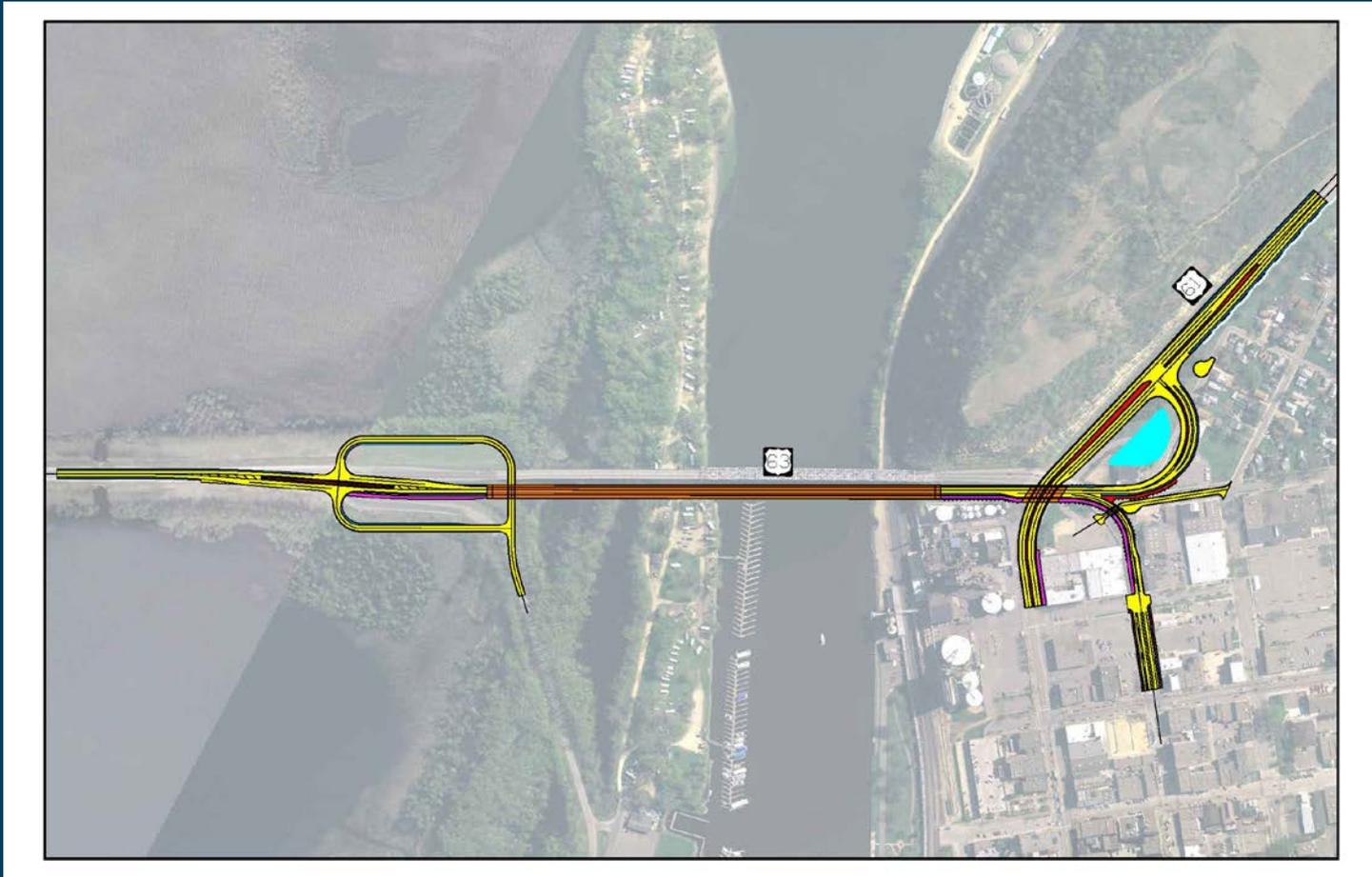


Agenda

- ▶ Introductions
- ▶ Preliminary Design Update
- ▶ Environmental Assessment Update
- ▶ Visual Quality Update
- ▶ Schedule



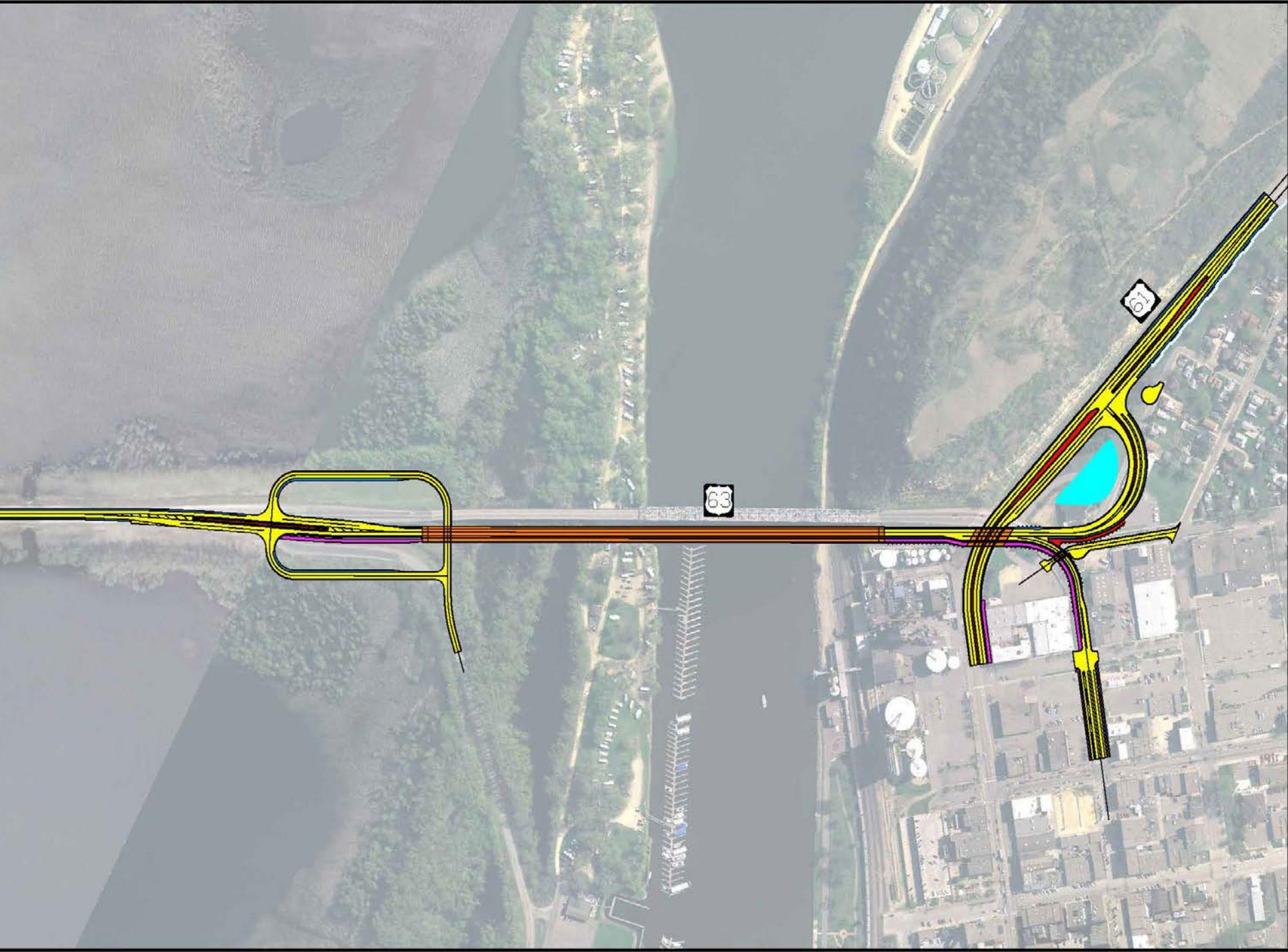
Preliminary Design Update



Overview of Major Decisions

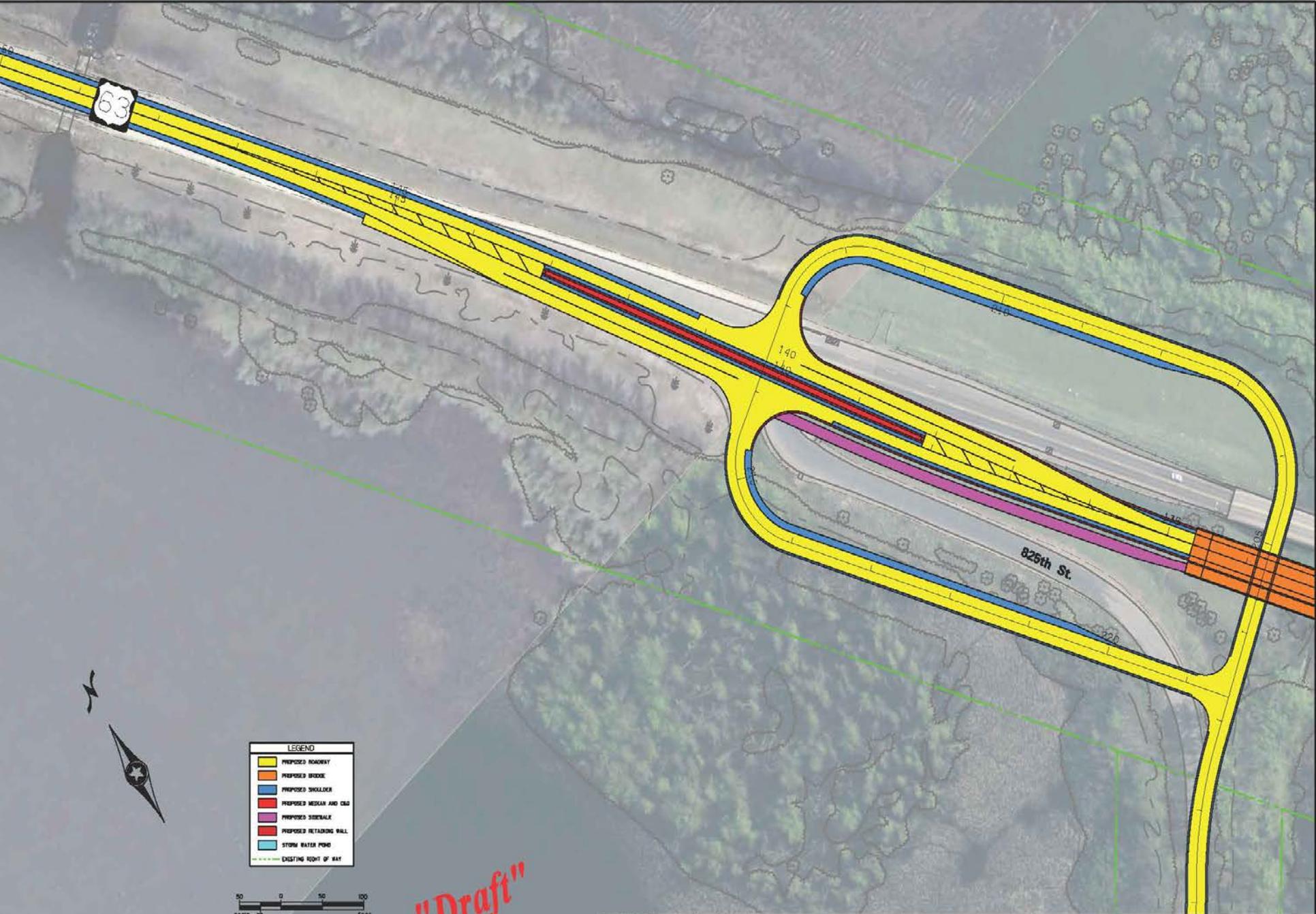
- ▶ Decided to proceed with a new two-lane river crossing (steel box girder design);
- ▶ Identified the recommended alternative for the Wisconsin approach (jug-handle intersection);
- ▶ Identified the recommended alternative for the Minnesota approach (button-hook with slip-ramp)





63

67



LEGEND

	PROPOSED ROADWAY
	PROPOSED BRIDGE
	PROPOSED SHOULDER
	PROPOSED MEDIAN AND CURB
	PROPOSED SIDEWALK
	PROPOSED RETAINING WALL
	STORM WATER POND
	EXISTING RIGHT OF WAY



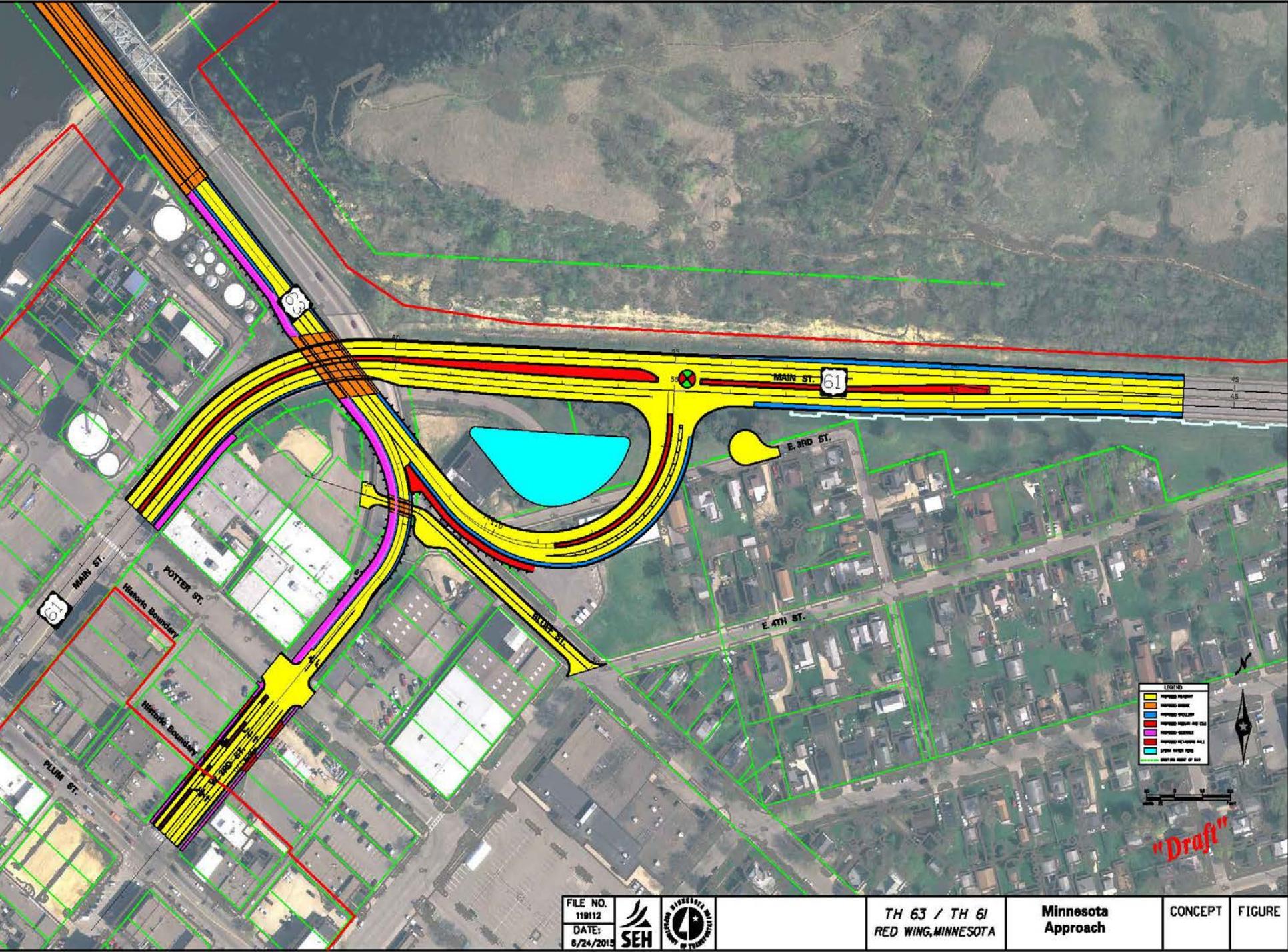
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FILE NO. 119112	
DATE: 8/10/2015	

TH 63 / TH 61
RED WING, MINNESOTA

Wisconsin
Approach

CONCEPT FIGURE



- LEGEND
- Proposed Roadway
 - Proposed Bridge
 - Proposed Utility
 - Proposed Right-of-Way
 - Proposed Shoulder
 - Proposed Existing Pave
 - Storm Water Pond
 - Existing Road of Way



"Draft"

FILE NO.
119112

DATE:
6/24/2015




TH 63 / TH 61
RED WING, MINNESOTA

Minnesota
Approach

CONCEPT FIGURE

Preliminary Construction Staging Plan – Year 2017

Wisconsin Approach

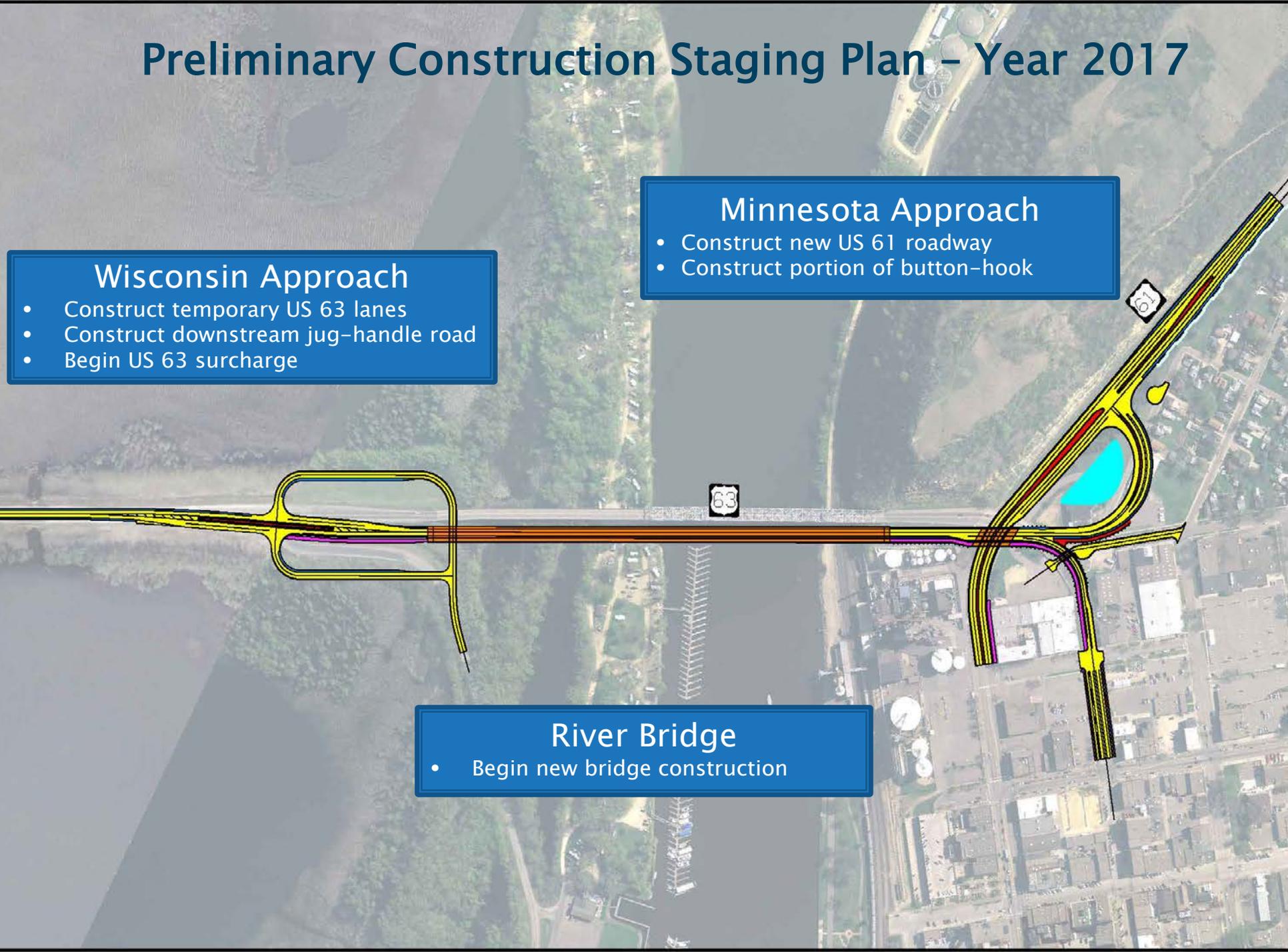
- Construct temporary US 63 lanes
- Construct downstream jug-handle road
- Begin US 63 surcharge

Minnesota Approach

- Construct new US 61 roadway
- Construct portion of button-hook

River Bridge

- Begin new bridge construction



Preliminary Construction Staging Plan – Year 2018

Wisconsin Approach

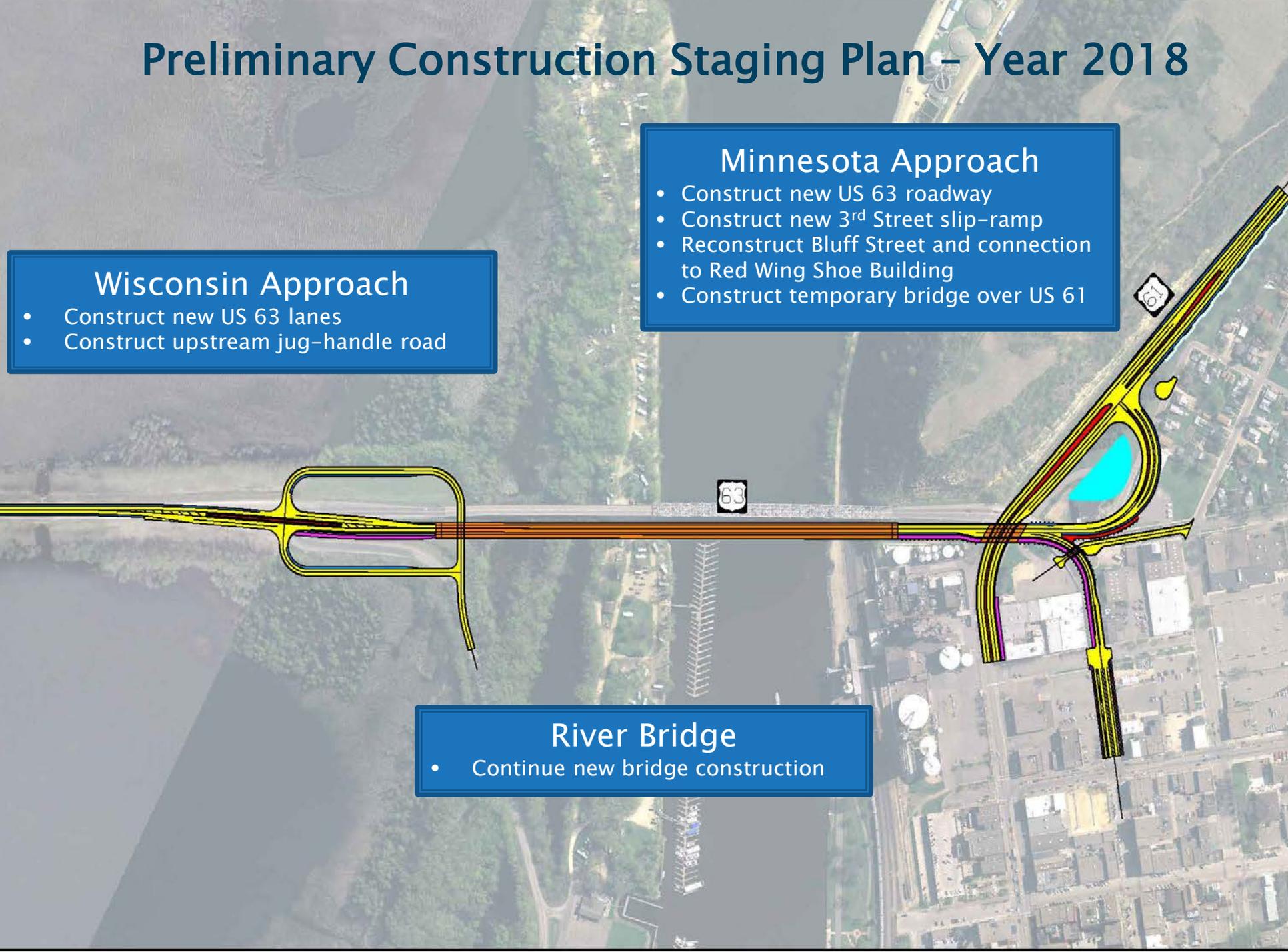
- Construct new US 63 lanes
- Construct upstream jug-handle road

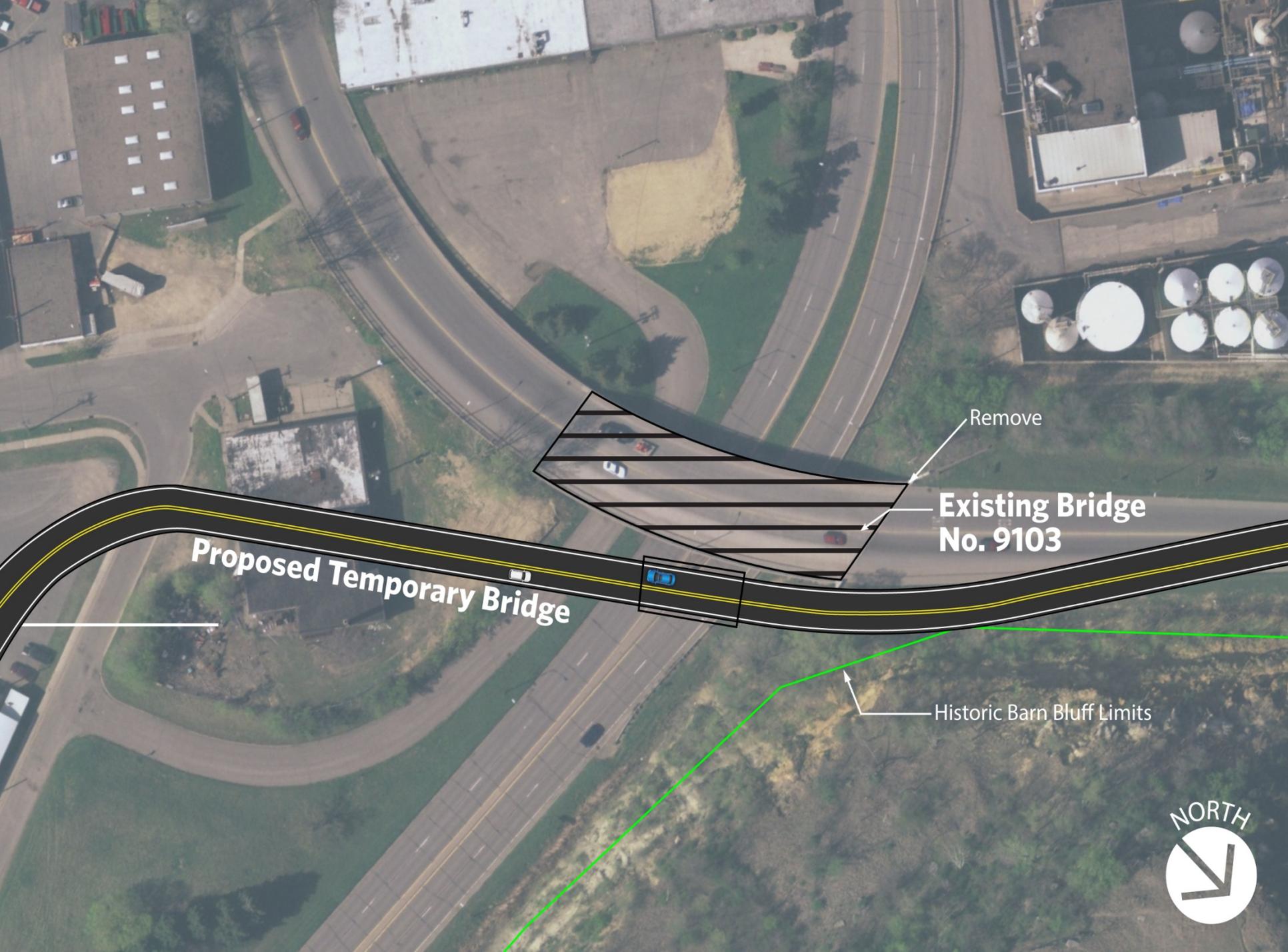
Minnesota Approach

- Construct new US 63 roadway
- Construct new 3rd Street slip-ramp
- Reconstruct Bluff Street and connection to Red Wing Shoe Building
- Construct temporary bridge over US 61

River Bridge

- Continue new bridge construction





Proposed Temporary Bridge

Remove
Existing Bridge No. 9103

Historic Barn Bluff Limits



Preliminary Construction Staging Plan – Year 2019

Wisconsin Approach

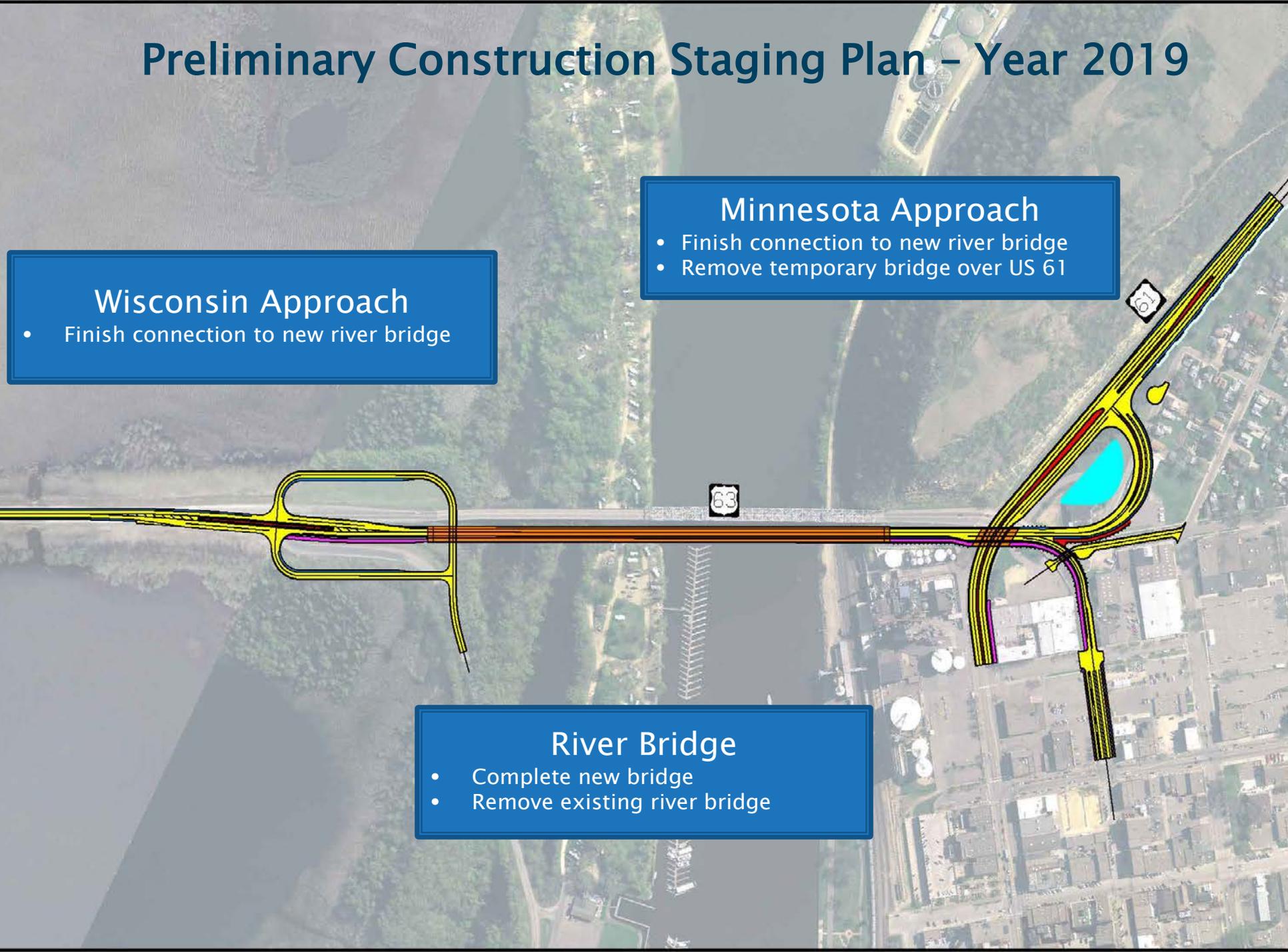
- Finish connection to new river bridge

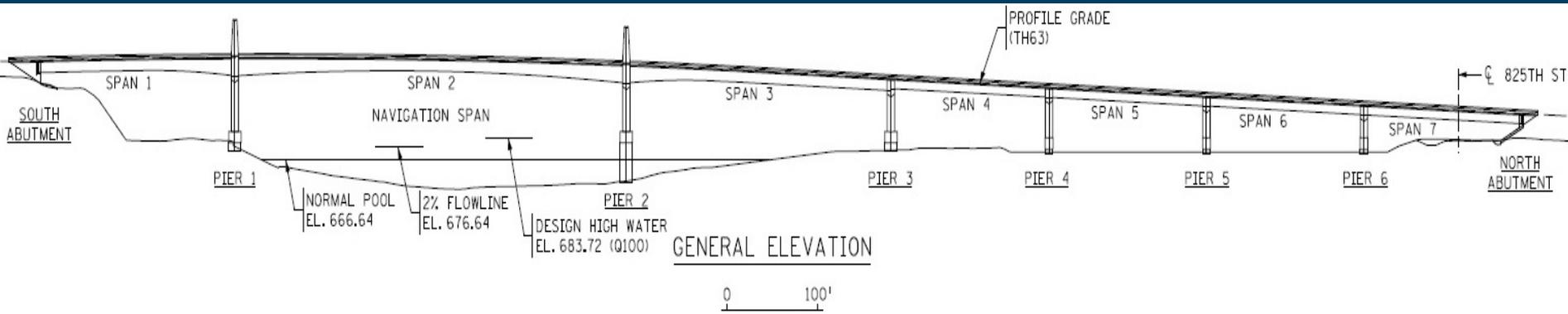
Minnesota Approach

- Finish connection to new river bridge
- Remove temporary bridge over US 61

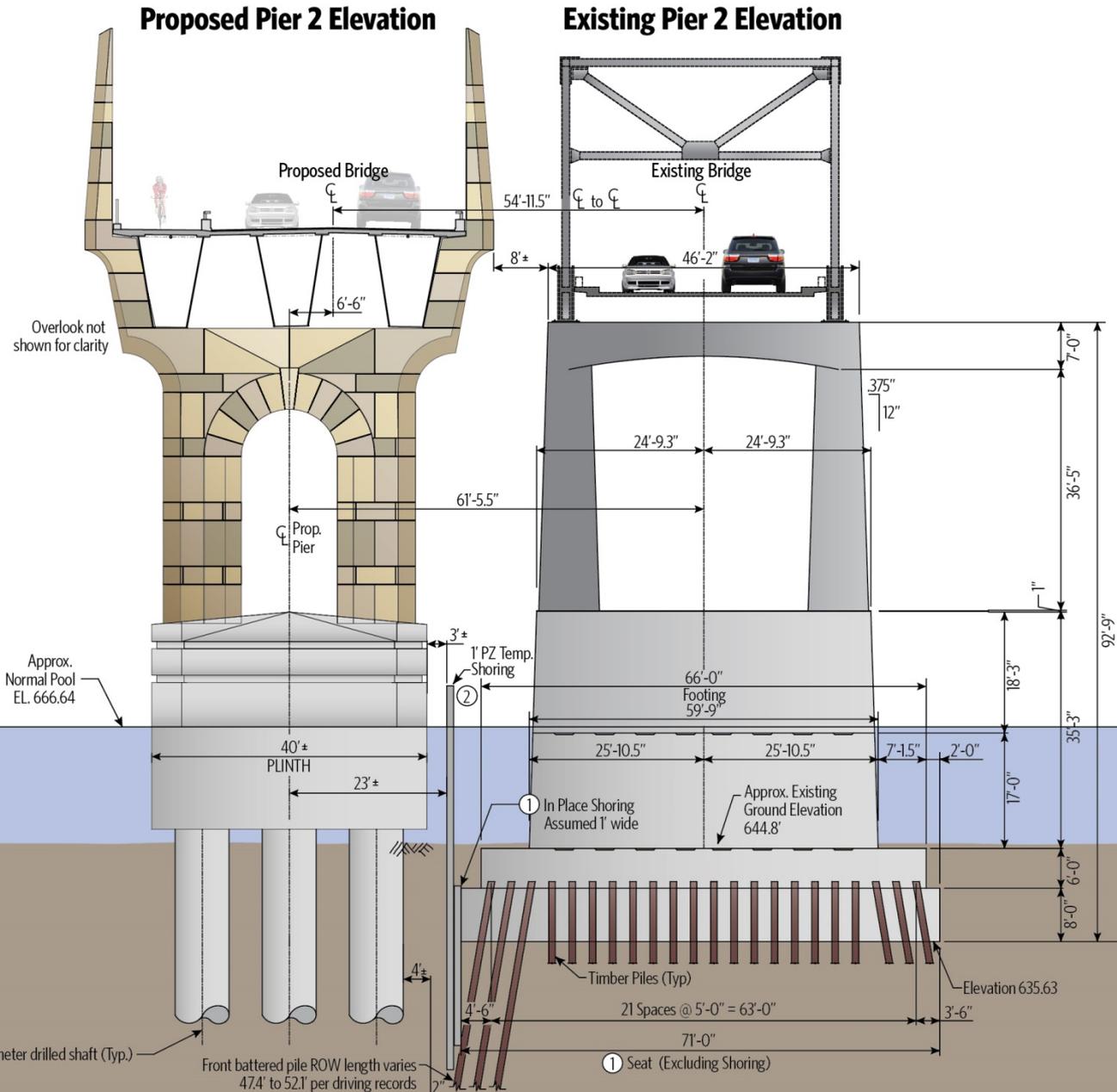
River Bridge

- Complete new bridge
- Remove existing river bridge





Comparison of Existing and Proposed

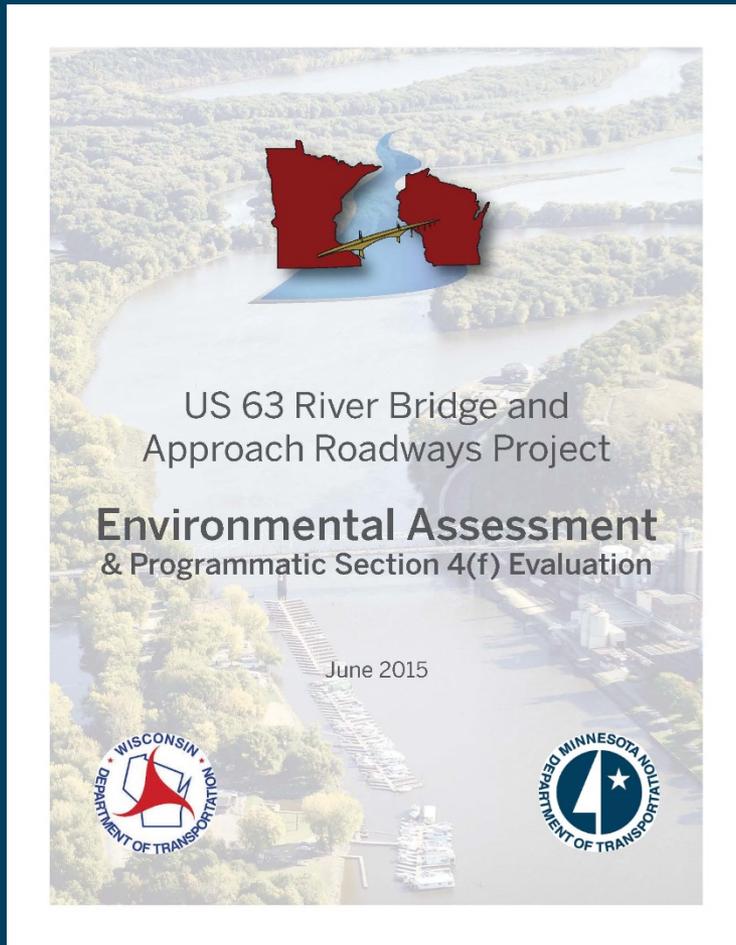


NOTES:

- ① Recommend probing west edge of existing pier foundation in 2015 to verify foundation dimensions
- ② Sheet piling necessary if seal construction specified
- ③ Based on draft foundations report



Environmental Assessment Update



- ▶ Published – June 22nd
- ▶ Public Meeting – July 8th
- ▶ Public Comment Period
Ends – July 22nd



Environmental Assessment Document

- ▶ Addresses federal and state requirements for Minnesota and Wisconsin
- ▶ Includes the preferred and no-build alternatives;
- ▶ Addresses the full range of social, economic and natural environmental issues;
- ▶ Basis for determining the need for an Environmental Impact Statement (EIS);
- ▶ Summarizes proposed mitigation to address identified impacts;



Environmental Assessment: Summary of Key Findings

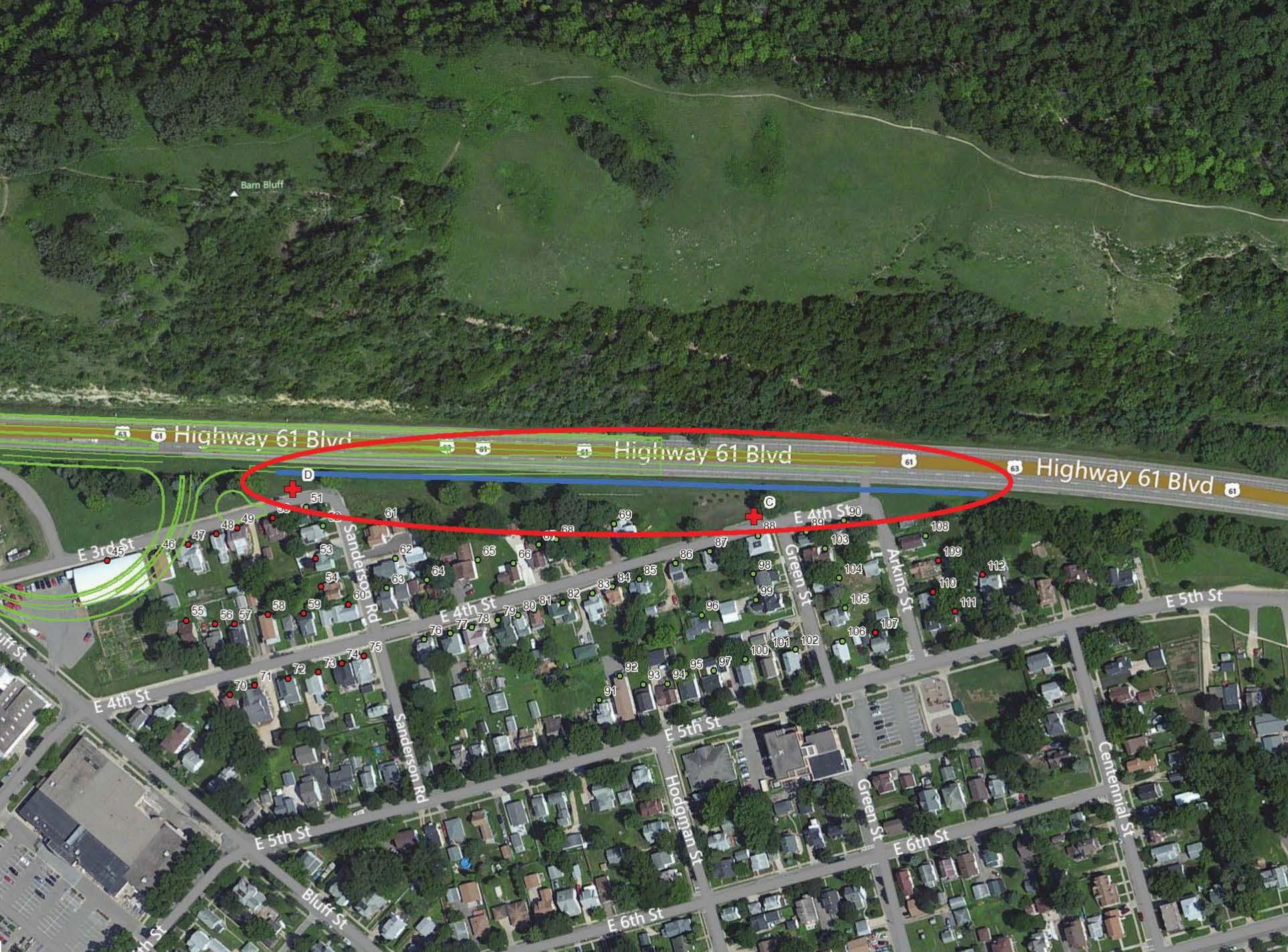
- ▶ Wetlands:
 - Permanent impacts = 3 acres
 - Temporary impacts = 3.5 acres
- ▶ Two areas with site contamination
- ▶ Removal of US 61 Overpass (historic property)
- ▶ Traffic Noise
- ▶ Right-of-Way - Five parcels impacted (2.9 acres)
 - Two residential properties
 - One commercial/warehouse



Traffic Noise Analysis: Potential Noise Wall

- ▶ Technical analysis concluded a wall along US 61 is feasible and cost effective
- ▶ Federal noise process requires voting by directly affected property owners and residents
- ▶ Voting process will occur in August
- ▶ Neighborhood meeting will be held on August 19th
- ▶ Noise wall will be built if 50% or more vote yes or do not vote





Barn Bluff

Highway 61 Blvd

Highway 61 Blvd

Highway 61 Blvd

D

C

E 3rd St

E 4th St

E 5th St

E 6th St

Sanderson Rd

E 4th St

E 5th St

Green St

Green St

E 6th St

Atkins St

Centennial St

E 5th St

Bluff St

Bluff St

Hodgman St

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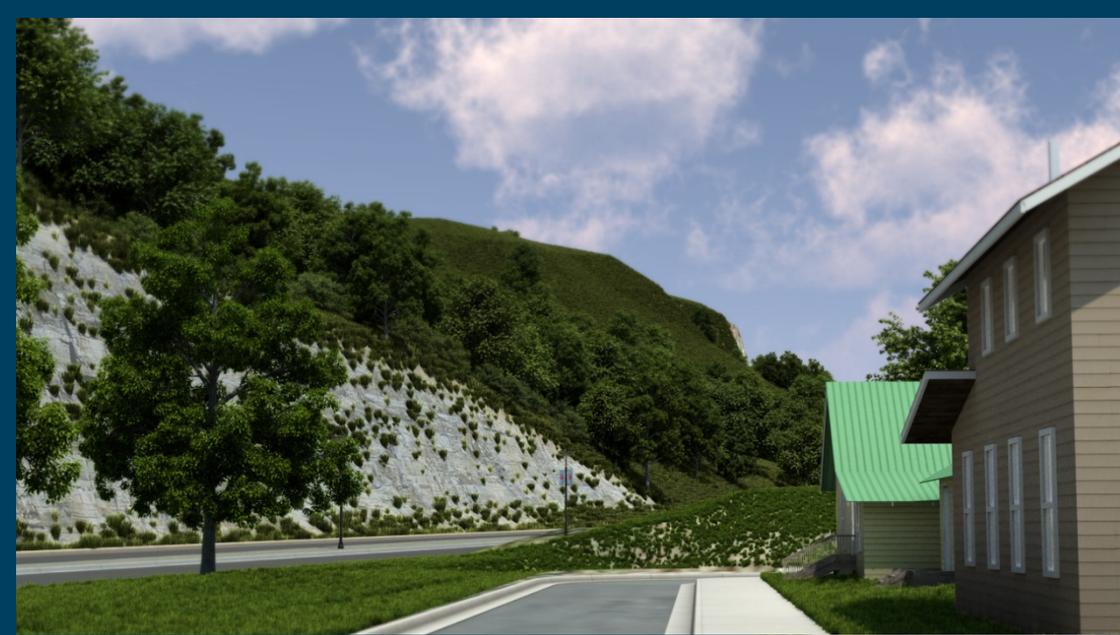
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Visual Quality Update

VISUAL QUALITY MANUAL



US 63 RIVER BRIDGE AND APPROACH ROADWAY PROJECT





Visual Quality Advisory Committee Representatives:

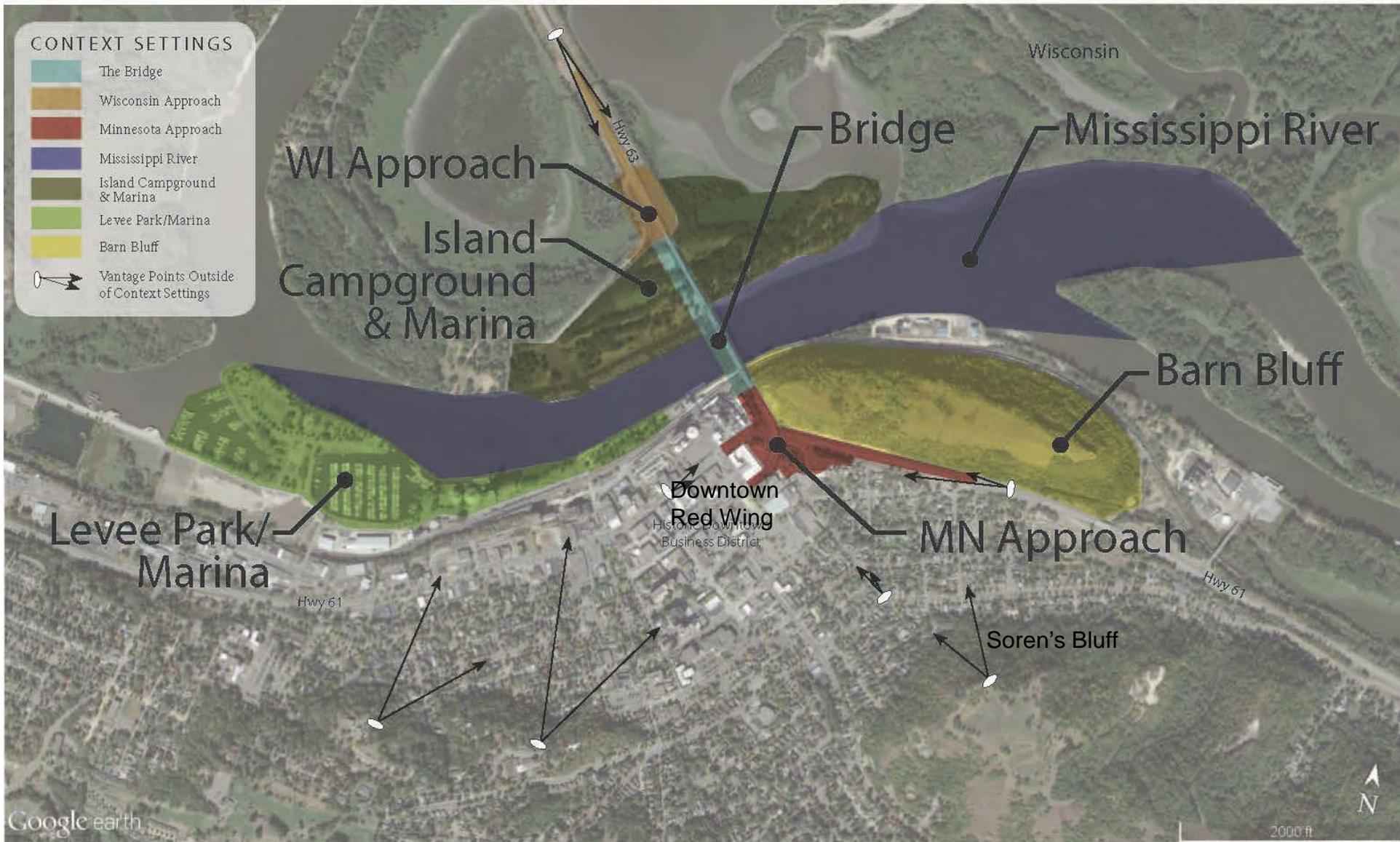
- Photographer, Red Wing Arts Association
- Sargent's Nursery and Red Wing Advisory Planning Commission
- Red Wing Heritage Preservation Commission
- Studio Artist, Transportation Committee, Red Wing 2020
- SHIP Coordinator (Health Improvement), Goodhue County HHS
- Planning Director, City of Red Wing
- Prairie Island Indian Community
- Pierce County Board
- Artist, Town of Trenton
- Student, Planning Intern



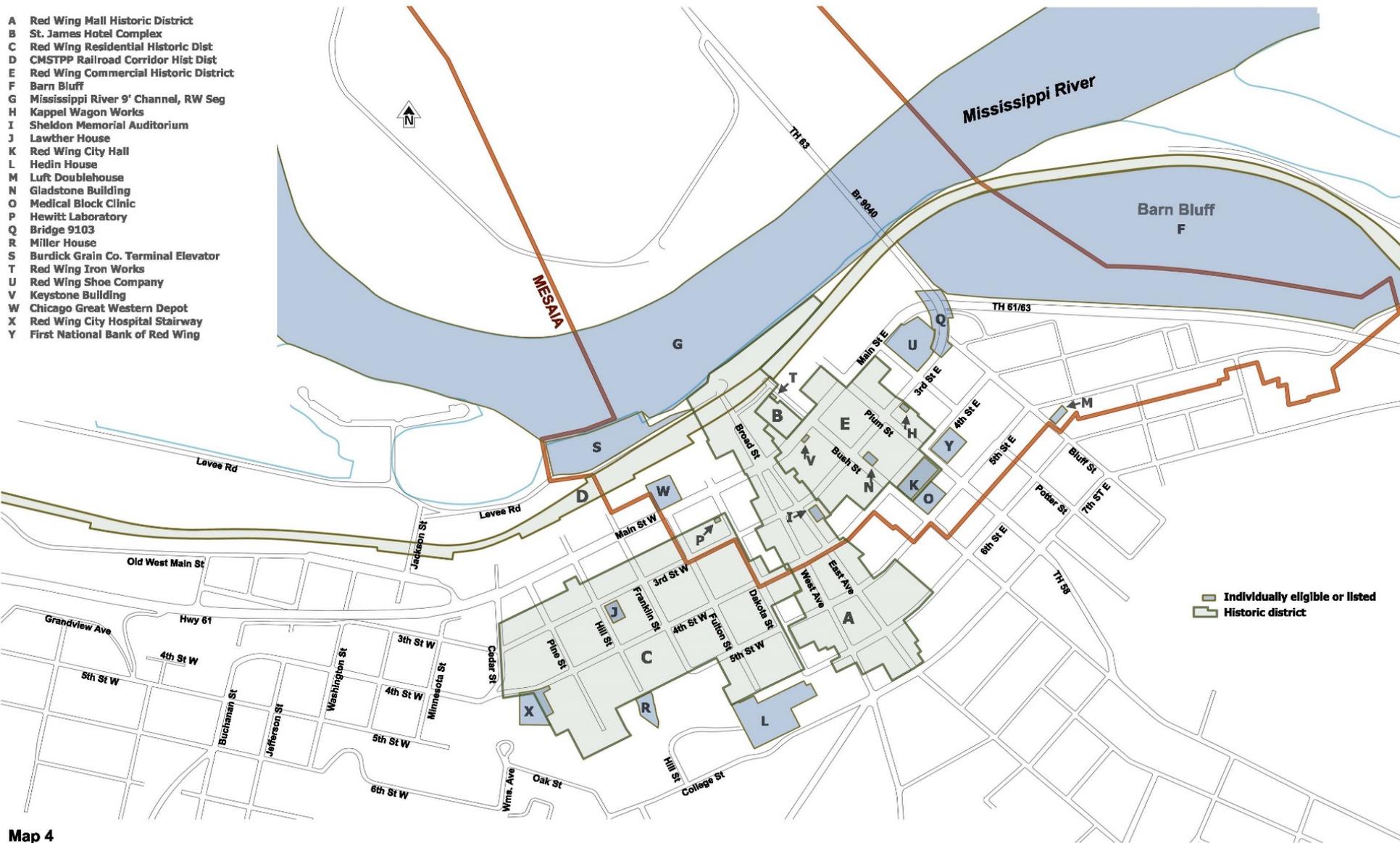
Context Settings

CONTEXT SETTINGS

- The Bridge
- Wisconsin Approach
- Minnesota Approach
- Mississippi River
- Island Campground & Marina
- Levee Park/Marina
- Barn Bluff
- Vantage Points Outside of Context Settings



- A Red Wing Mall Historic District
- B St. James Hotel Complex
- C Red Wing Residential Historic Dist
- D CMSTPP Railroad Corridor Hist Dist
- E Red Wing Commercial Historic District
- F Barn Bluff
- G Mississippi River 9' Channel, RW Seg
- H Kappel Wagon Works
- I Sheldon Memorial Auditorium
- J Lawther House
- K Red Wing City Hall
- L Hedin House
- M Luft Doublehouse
- N Gladstone Building
- O Medical Block Clinic
- P Hewitt Laboratory
- Q Bridge 9103
- R Miller House
- S Burdick Grain Co. Terminal Elevator
- T Red Wing Iron Works
- U Red Wing Shoe Company
- V Keystone Building
- W Chicago Great Western Depot
- X Red Wing City Hospital Stairway
- Y First National Bank of Red Wing

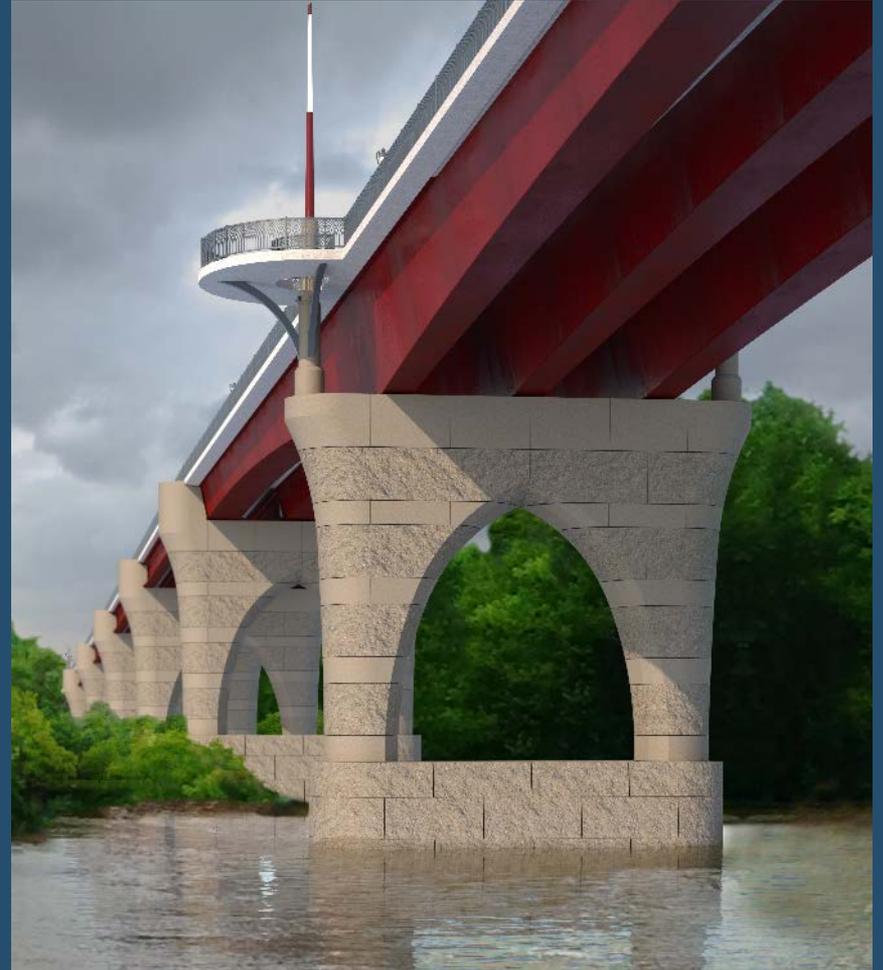


Individually eligible or listed
 Historic district

Map 4
Properties in the APE Listed on or Eligible for the National Register



Option "A"



Option "B"



Developing Hybrid Option “C”



Closed Overlook



Open Overlook with Cables



Developing Hybrid Option “C”



Closed Overlook



Open Overlook with Cables



Final Preliminary River Bridge Design



River Bridge Design (Light Wash)



River Bridge Pier Design



River Bridge Overlook

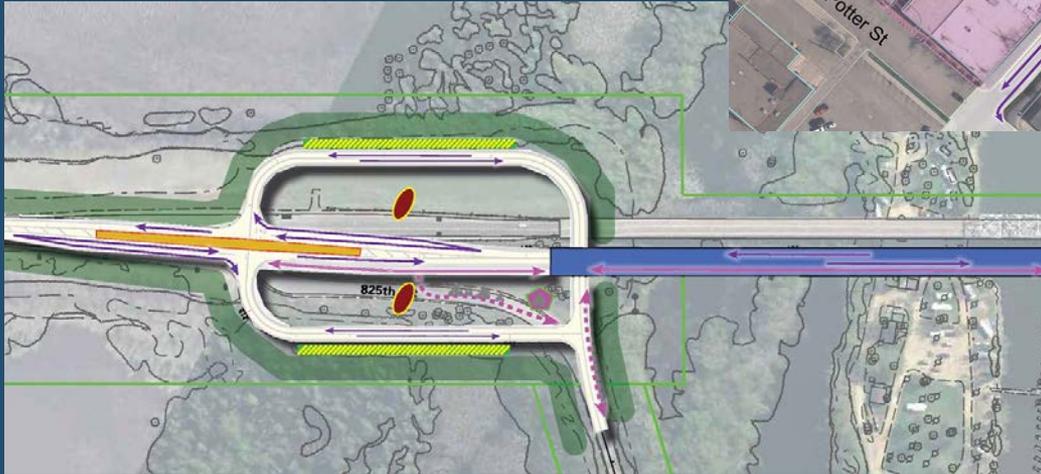


River Bridge Overlook (Evening)





Approach Area Concepts Developed



Final Visual Quality Manual & Project Animation



Final Visual Quality Manual

(will scroll through VQM pdf)



Project Animation *(will play video)*



Schedule

- ▶ EA Published for Review and Comment – June 22, 2015
- ▶ EA Open House/Public Hearing – July 8, 2015
- ▶ Complete Environmental Review Process – October 2015
- ▶ Final Design – Summer 2015 to Fall 2016
- ▶ Begin Construction – Spring 2017



Questions/Comments



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