

just the facts



WHO

The Illinois Department of Transportation is conducting this study in conjunction with the Iowa Department of Transportation and under the jurisdiction of the Federal Highway Administration.



WHAT

A Planning and Environment Linkages study is designed to coordinate with stakeholders in identifying existing and future transportation challenges and potential improvements.



WHEN

Following anticipated study completion in 2023, the next phase of engineering is the development of detailed contract plans for the selected improvement alternative.



WHERE

The study includes approximately six miles on I-80 from the I-88/I-80 interchange in Illinois to SW 35th Street in Bettendorf, Iowa.



WHY

The interchange and bridge (built in 1967) do not meet current design standards, and the bridge requires recurring and costly maintenance.

SECOND PUBLIC MEETING HELD FOR I-80 MISSISSIPPI RIVER BRIDGE STUDY

A second online Public Meeting was held on Wednesday, May 11, 2022, to review potential improvement alternatives and receive public comment as part of the I-80 Mississippi River Bridge study.

This early stage transportation study was launched to coordinate with stakeholders to identify existing and future transportation problems and needs in the area and to develop and evaluate potential improvement alternatives.

In 2020, the state departments of transportation held a live, interactive online public meeting to introduce a Planning and Environment Linkages study, or PEL, of the Mississippi River Bridge and corridor. More than 500 residents, organizations and other stakeholders attended the meeting, submitting more than 125 questions and comments addressing everything from ramps and merging to community connections and pedestrian accommodations.

PROJECT GOALS

Based on examination of the project needs as identified through study and public input, the purpose of the I-80 Mississippi River Bridge project is to:

- Provide a structurally sound bridge over the Mississippi River
- Improve safety on I-80 mainline and interchanges
- Improve deficient conditions on existing bridges and culvert
- Improve roadway geometrics where they are clearly a contributing cause to safety issues

Those goals were used to establish evaluation criteria and determine potential improvements alternatives.

Public feedback will be considered in the evaluation of alternatives.

The study is expected to conclude in **late 2023** with a final report and recommendation of a preferred alternative.

MISSISSIPPI RIVER BRIDGE ALTERNATIVES:

Improvements along I-80 between SW 35th Street west of the US 67 interchange in Iowa and the Mississippi Rapids Rest Area ramps south of the IL 84 interchange in Illinois:



ALTERNATIVE 1: BRIDGE REPLACEMENT ON EXISTING ALIGNMENT

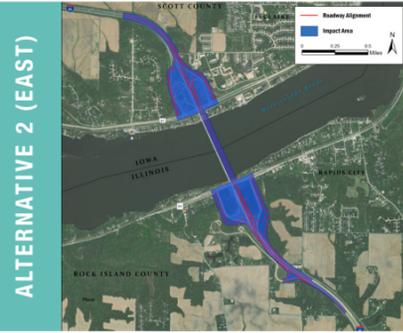
- » Replace existing bridge on existing alignment
- » Four 12-foot through lanes, two 12-foot auxiliary lanes, 12-foot outside and 6-foot inside shoulders
- » US 67 & IL 84 interchanges reconstructed to meet current design standards
- » Existing bridge demolished before replacement is built; four-year traffic detour required



ALTERNATIVE 1

ALTERNATIVES 2 & 3: BRIDGE REPLACEMENT EAST & WEST

- » Bridge replacement 50 feet (east or west) from existing alignment
- » Four 12-foot through lanes, two 12-foot auxiliary lanes, 12-foot outside and 6-foot inside shoulders
- » US 67 & IL 84 interchanges reconstructed to meet current design standards



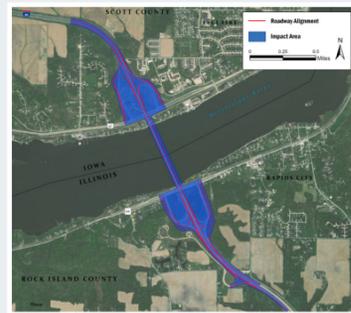
ALTERNATIVE 2 (EAST)



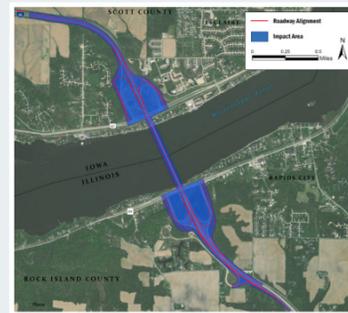
ALTERNATIVE 3 (WEST)

ALTERNATIVES 4 & 5: COMPANION BRIDGES EAST & WEST

- » Companion Bridge constructed 20 feet (east or west) from existing bridge
- » Two 12-foot through lanes, one 12-foot auxiliary lane, 12-foot outside and 6-foot inside shoulders
- » Traffic moves to companion bridge as existing bridge is replaced
- » Results in two side-by-side bridges
- » US 67 & IL 84 interchanges reconstructed to meet current design standards



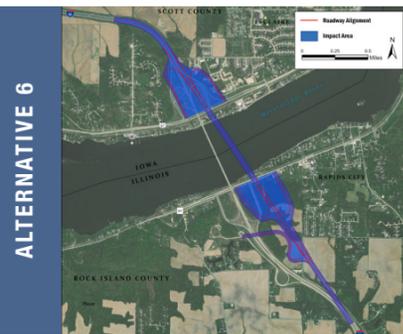
ALTERNATIVE 4 (EAST)



ALTERNATIVE 5 (WEST)

ALTERNATIVE 6: BRIDGE REPLACEMENT EAST ON NEW ALIGNMENT

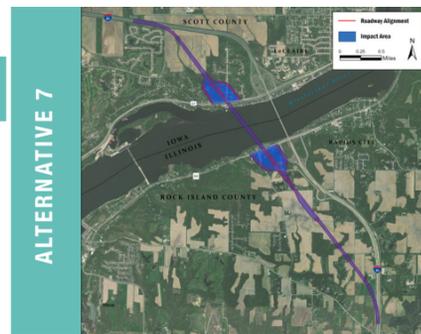
- » Bridge replacement approximately 600 feet east of existing alignment
- » Four 12-foot through lanes, two 12-foot auxiliary lanes, 12-foot outside and 6-foot inside shoulders
- » US 67 & IL 84 interchanges reconstructed to meet current design standards
- » Access to the Mississippi Rapids Rest Area modified



ALTERNATIVE 6

ALTERNATIVE 7: BRIDGE REPLACEMENT WEST ON NEW ALIGNMENT

- » Bridge replacement approximately 2,100 feet west of existing alignment
- » Four 12-foot through lanes, two 12-foot auxiliary lanes, 12-foot outside and 6-foot inside shoulders
- » US 67 & IL 84 interchanges reconstructed to meet current design standards
- » Impacts Mississippi Rapids Rest Area; new Rest Area provided



ALTERNATIVE 7

PROJECT TIMELINE



Public Meeting #1
April 22, 2020
Develop Purpose & Need Statement

The Illinois Department of Transportation Fiscal Year 2022-2027 Proposed Highway Improvement Program includes funding for the I-80 Mississippi River Bridge project through construction.

I-88 INTERCHANGE ALTERNATIVES:

Improvements at the I-80/I-88 interchange and the I-88/Old IL 2 interchange.



ALT A: EXPANDED CLOVERLEAF

- » Maintain and expand all four cloverleaf interchange loop ramps at the I-80/I-88 interchange
- » Minor ramp modifications at the Old IL 2 interchange to correct geometric deficiencies



ALT B: EXPANDED CLOVERLEAF WITH OUTER DIRECT RAMP

- » Maintain and expand 3 of 4 cloverleaf ramps (NW, NE, SE)
- » Construct directional ramp in SW quadrant to improve safety
- » Minor ramp modifications at the Old IL 2 interchange to correct geometric deficiencies



ALT C: EXPANDED CLOVERLEAF WITH OUTER DIRECT RAMP & OLD IL 2

- » Maintain and expand 3 of 4 cloverleaf ramps (NW, NE, SE)
- » Construct directional ramp in SW quadrant to improve safety
 - » Ramp located to be retained in future interchange modifications
- » Completely modified I-88 interchange at Old IL 2



ALT D: FOUR-LEVEL INTERCHANGE AND OLD IL 2

- » Remove all loop ramps and replace with fully directional, four-level interchange
- » Completely modified I-88 interchange at Old IL 2

WHAT DO YOU THINK?

What do you think of the alternatives? Do you have a preference? Please tell us what you think about the potential improvement alternatives for the I-80 Mississippi River Bridge and study corridor. Comment online at any time:



I80MISSISSIPPIBRIDGE.COM

Comments are always welcome; however, those received through **May 25, 2022**, will become part of the public meeting record.

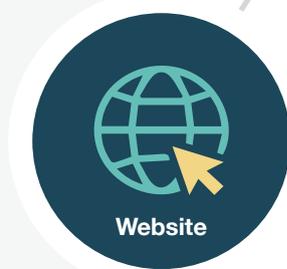
ways to participate

Your input is critical to the success of this study. Review the project information on this website. Let us know about your experiences, what you are seeing, and what you believe are the greatest strengths and challenges to transportation in the I-80 Mississippi River Bridge corridor.

Ways to stay involved include:

- » **Public Meetings**
- » **Project Website**
- » **Subscribe for News and Updates**
- » **Submit Comments to the Project Team**

STAY CONNECTED!



Website



Social



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