DESIGN-BUILD PROJECT

CHESTER BRIDGE

MO-51 & IL-150 over the Mississippi River at Chester, IL

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CHESTER BRIDGE DESIGN-BUILD PROJECT

TODAY'S AGENDA

01 INTRODUCTIONS
02 PROJECT BACKGROUND
03 GOALS AND SCHEDULE
04 PROJECT STATUS/UPDATE
05 QUESTION & ANSWER

INDUSTRY MEETING | JUNE 16, 2022
CHESTER BRIDGE DESIGN-BUILD PROJECT

INTRODUCTIONS

MoDOT  HDR  Illinois Department of Transportation
CHESTER BRIDGE DESIGN-BUILD PROJECT

PROJECT LOCATION

Chester

Perryville
CHESTER BRIDGE DESIGN-BUILD PROJECT

PROJECT BACKGROUND

2017
Environmental Assessment Started

April 2018
Rehab Let; Stopped 50% of the Way Through

Oct. 2019
Rehab Rejected

June 2021
Extensive Rehab Rejected

July 2021
Design-Build Delivery Determination

Sept. 2021
MHTC Authorized Design-Build Delivery Method & FONSI Issued
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PROJECT GOALS

01 Replace both structures within the project budget using durable 100-year, low maintenance structure(s).

02 Provide a safe and reliable transportation solution for all modes of transportation.

03 Complete the project no later than December 1, 2026 with the least impacts to all modes of transportation.

04 Deliver the project safely while utilizing a diverse workforce.
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ANTICIPATED BUDGET

TOTAL PROGRAM
$232,417,000
PE/CE Internal
Utilities
R/W and Incidentals
Stipends

DESIGN-BUILD CONTRACT
$208,000,000

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DBE & WORKFORCE GOALS

DBE GOAL

6% Construction
12% Professional Services

WORKFORCE GOAL

11.4% Minority
6.9% Female
3 OJT slots at 1,000 hours for construction
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PROJECT SCHEDULE

01 INDUSTRY MEETING AND RFQ RELEASE
   June 16, 2022

02 ISSUE REQUEST FOR PROPOSAL
   August/September 2022

03 SELECTION OF APPARENT BEST VALUE
   March 2023

04 START OF CONSTRUCTION
   Spring 2023

05 PROJECT COMPLETION
   December 1, 2026
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PROJECT STATUS

EARLY TO RELEASE INFO
Release by June 30, 2022

OTHER COORDINATION

INDUSTRY MEETING | JUNE 16, 2022
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EARLY TO RELEASE INFORMATION

- Lidar and Bathymetric Survey
- Draft Geotechnical Report
- FAA Determination of No Hazard to Air Navigation
- Coast Guard Coordination and Span Length
CHESTER BRIDGE DESIGN-BUILD PROJECT
LIDAR AND BATHYMETRIC SURVEY
FAA FORM 7460-1
NOTICE OF PROPOSED CONSTRUCTION
Determination of No Hazard to Air Navigation

- Permanent Structure Height 340 feet above ground level
- Temporary Crane Height 390 feet above ground level
COAST GUARD COORDINATION AND SPAN LENGTH

- Navigation Clearance Letter
- Vertical: 103.8 above zero from Chester Gage (7-foot reduction on auxiliary span)
- Horizontal: 800’ main span with 500’ auxiliary span or 1050’ main span
OTHER CONSIDERATIONS

- USACE 408
- USACE 401/404
- Bois Brule Levee District
- Cultural Resources
- Segar Memorial Park 4(f)
- Union Pacific Railroad
- Section 7
- No Rise Certification SEMA/IDNR
- Utilities
- Right of Way
- Seismic Design
QUESTIONS

www.modot.org/chesterbridge