



September 26, 2022

PUBLIC NOTICE D8 DWB-908

All interested parties are herein notified that the Commander, Eighth Coast Guard District, has received application materials dated September 2, 2022 from the Missouri Department of Transportation for approval of location and plans for the construction of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Upper Mississippi River, Mile 109.9, on Missouri Route 51 between Perry County, MO and Chester, Randolph County, IL.

CHARACTER OF WORK: Replace a fixed steel highway through truss bridge with a fixed highway cable-stayed or tied arch bridge. The new bridge replaces a structurally deficient bridge which will be removed.

MINIMUM NAVIGATIONAL CLEARANCES:

Existing

Horizontal: Each channel span is 650.0 feet measured normal to axis of the channel.

Vertical: Left descending span low steel elevation is 444.6 feet. 2% Flowline elevation is 373.6 for a total of 71.0 feet vertical clearance. Right descending span has 10.3 feet less clearance.

Proposed Alternate A

Horizontal: Main channel span is 800.0 feet, side span is 500.0 feet measured normal to axis of the channel.

Vertical: Main left descending span low steel elevation is 444.5 feet. 2% Flowline elevation is 373.6 for a total of 70.9 feet vertical clearance. Side span has 7.0 feet less clearance.

Existing

Proposed Alternate B

Horizontal: Each channel span is 650.0 feet measured normal to axis of the Channel.

Horizontal: 1050.0 feet measured normal to axis of the channel.

Vertical: Left descending span low steel elevation is 444.6 feet. 2% Flowline elevation is 373.6 for a total of 71.0 feet vertical clearance. Right descending span has 10.3 feet less clearance.

Vertical: Low steel elevation is 444.5 feet. 2% Flowline elevation is 373.6 for a total of 70.9 feet vertical clearance.

Datum: NAVD88

ENVIRONMENTAL CONSIDERATIONS:

The Federal Highway Administration (FHWA) is the lead Federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). The FHWA is acting on behalf of the U.S. Coast Guard for all environmental control laws. An Environmental Assessment/Finding of No Significant Impact (EA/FONSI) was issued on September 27, 2021 pursuant to NEPA, as amended. The U.S. Coast Guard has tentatively determined that the proposed action will not have a significant impact for the purposes of NEPA and plans to issue a EA/FONSI for the project. Documents are available for review at the above address, Monday through Friday, 8:00 a.m. to 4:00 p.m.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project was applied for U.S. Army Corps of Engineers and Illinois Environmental Protection Agency on June 28, 2022. The bridge is located in the floodplain. The 100-year flood elevation is 388.7 feet, while elevation of the low member of the navigation span is 444.5. Elevations are referenced to NAVD88 datum. The total impacted acres of wetland is 3.2 acres.

The decision as to whether to grant approval of the location and plans for the proposed action rests primarily upon the effect it has on navigation.

SOLICITATION OF COMMENTS:

Mariners are requested to comment on the proposed navigation clearances, placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation to determine the need for bridge lighting. Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impacts to navigation.

We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, environmental justice, etc. to the FHWA. Comments will be received for the record at the address noted in the header or via email eric.washburn@uscg.mil through **October 30, 2022**.

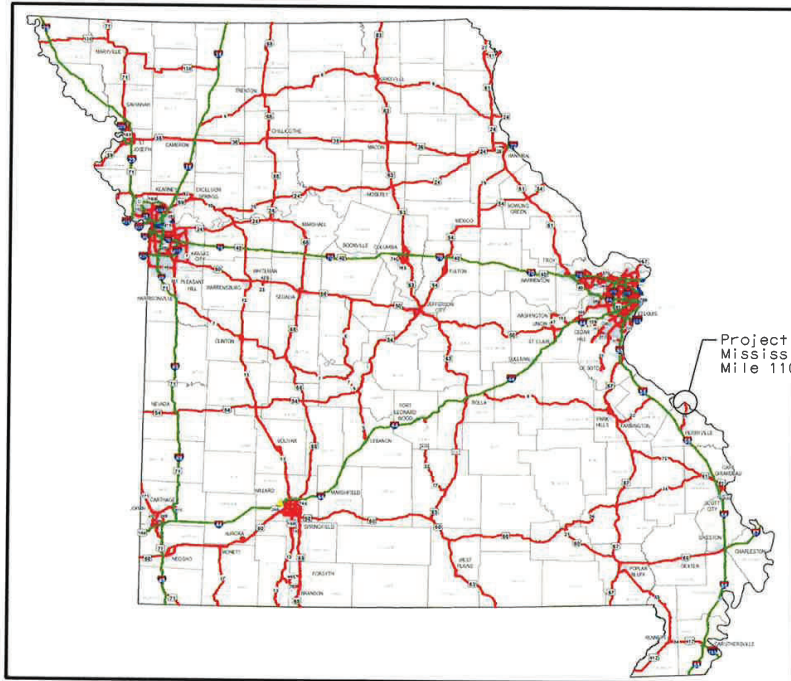
Map of location and plans attached.



ERIC A. WASHBURN
Bridge Supervisor, Western Rivers
By direction of the District Commander

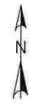
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POSTMASTER: Official business. Please post.

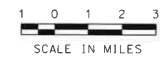


VICINITY MAP

Project Location
Mississippi River
Mile 110±



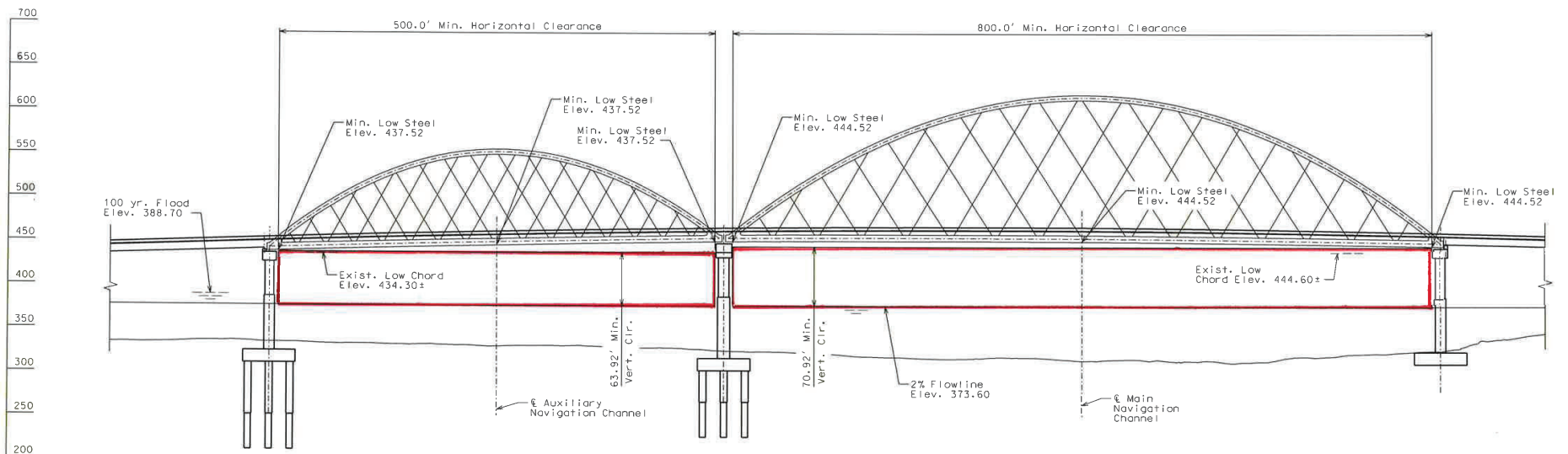
LOCATION MAP



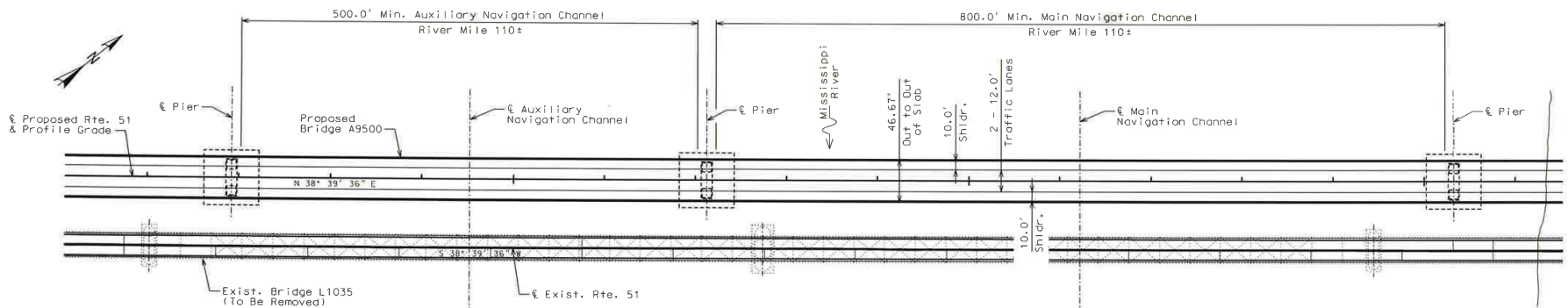
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SIGNED, SEALED AND DATED
ELECTRONICALLY

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

PROPOSED HIGHWAY BRIDGE
MISSOURI ROUTE 51
BRIDGE OVER MISSISSIPPI RIVER, MILE 110±
AT CHESTER, ILLINOIS
BETWEEN PERRY COUNTY, MISSOURI AND
RANDOLPH COUNTY, ILLINOIS
APPLICATION BY
MISSOURI DEPARTMENT OF TRANSPORTATION



ELEVATION
(Looking upstream)



PLAN

Notes:
Elevations shown are referenced to NAVD88.
Bridge type and dimensions are approximate and shall be determined during final design.

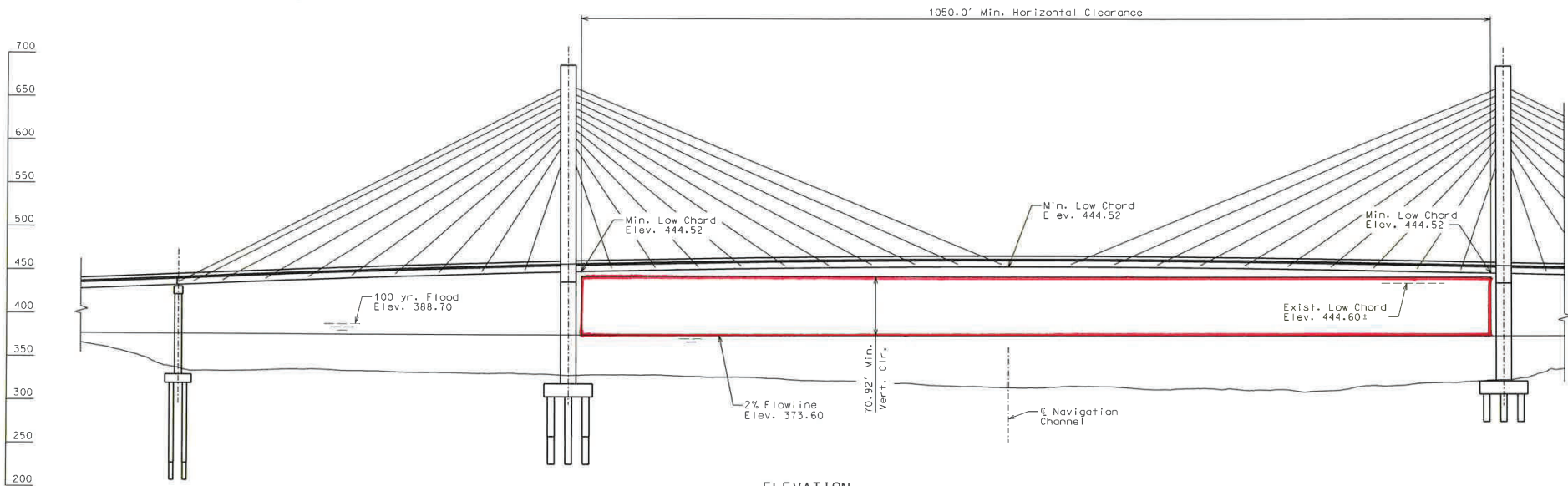


CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.

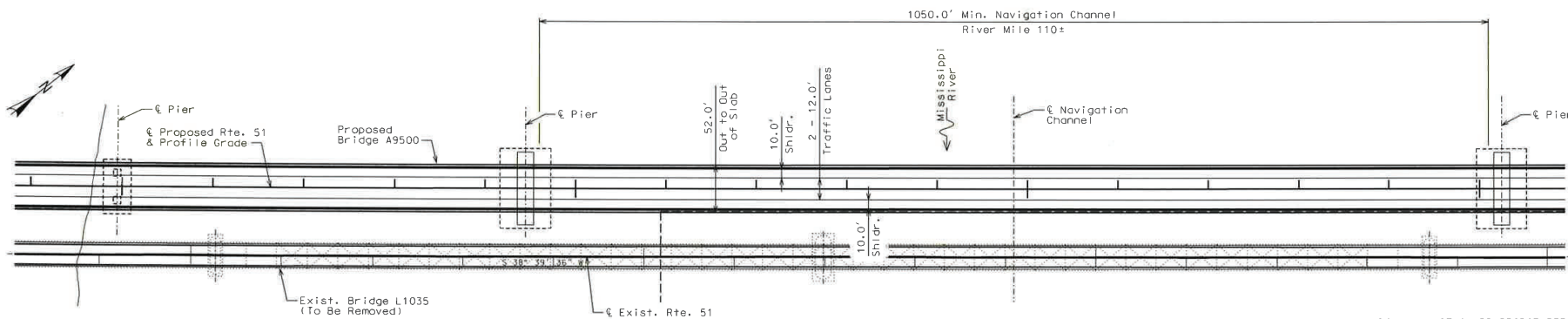


PROPOSED HIGHWAY BRIDGE
ALTERNATE A - MAIN AND AUXILIARY
NAVIGATION SPANS
MISSOURI ROUTE 51
BRIDGE OVER MISSISSIPPI RIVER, MILE 110±
AT CHESTER, ILLINOIS
BETWEEN PERRY COUNTY, MISSOURI AND
RANDOLPH COUNTY, ILLINOIS
APPLICATION BY
MISSOURI DEPARTMENT OF TRANSPORTATION
SHEET 3 OF 5 08/01/2022





ELEVATION
(Looking upstream)



PLAN

Notes:

Elevations shown are referenced to NAVD88.
 Bridge type and dimensions are approximate and shall be determined during final design.



CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT.



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PROPOSED HIGHWAY BRIDGE
 ALTERNATE B - SINGLE NAVIGATION SPAN
 MISSOURI ROUTE 51
 BRIDGE OVER MISSISSIPPI RIVER, MILE 110±
 AT CHESTER, ILLINOIS
 BETWEEN PERRY COUNTY, MISSOURI AND
 RANDOLPH COUNTY, ILLINOIS
 APPLICATION BY
 MISSOURI DEPARTMENT OF TRANSPORTATION
 SHEET 5 OF 5 08/01/2022

