



November 1, 2022

PRELIMINARY PUBLIC NOTICE (11-159)

The United States Coast Guard is soliciting public comments on a proposal by the Union Pacific Railroad Company (UPRR) to convert an existing swing (movable) bridge to a fixed bridge. The reason for this proposal is due to the swing span not having opened for vessels since before 2009. A Coast Guard Bridge Permit application has not yet been submitted but would be required for this project.

WATERWAY AND LOCATION: Cordelia Slough, mile 1.5, at Cygnus, Solano County, California. 38.152534, -122.089593

MINIMUM PROPOSED NAVIGATIONAL CLEARANCES:

Existing (movable)

Horizontal:
39.4 ft. pivot pier face to pier 3 face
measured normal to the axis of the
channel.

Vertical: Closed Position
1.4 ft. above Mean High Water

Vertical: Open Position
Unlimited

Proposed (fixed)

Horizontal:
39.4 ft. pivot pier face to pier 3 face,
measured normal to the axis of the
channel.

Vertical:
1.4 ft. above Mean High Water

Datum: Elevation 5.5 feet, Mean High Water (NAVD88)

ENVIRONMENTAL CONSIDERATIONS:

The United States Coast Guard is anticipated to be the lead federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). This project has not yet been classified under regulations implementing NEPA.

SOLICITATION OF COMMENTS:

The existing swing span, in the open-to-navigation position, is the only access to Cordelia Slough upstream of the bridge for vessels which require more than 1.4 feet of vertical clearance. If the Coast Guard ultimately permits the conversion of the swing bridge to a fixed bridge, it would limit vessel access to any portion of Cordelia Slough upstream of the bridge.

Mariners are requested to comment on navigational access and safety issues, including the need for clearance gauges and extended nighttime navigation through the bridge.

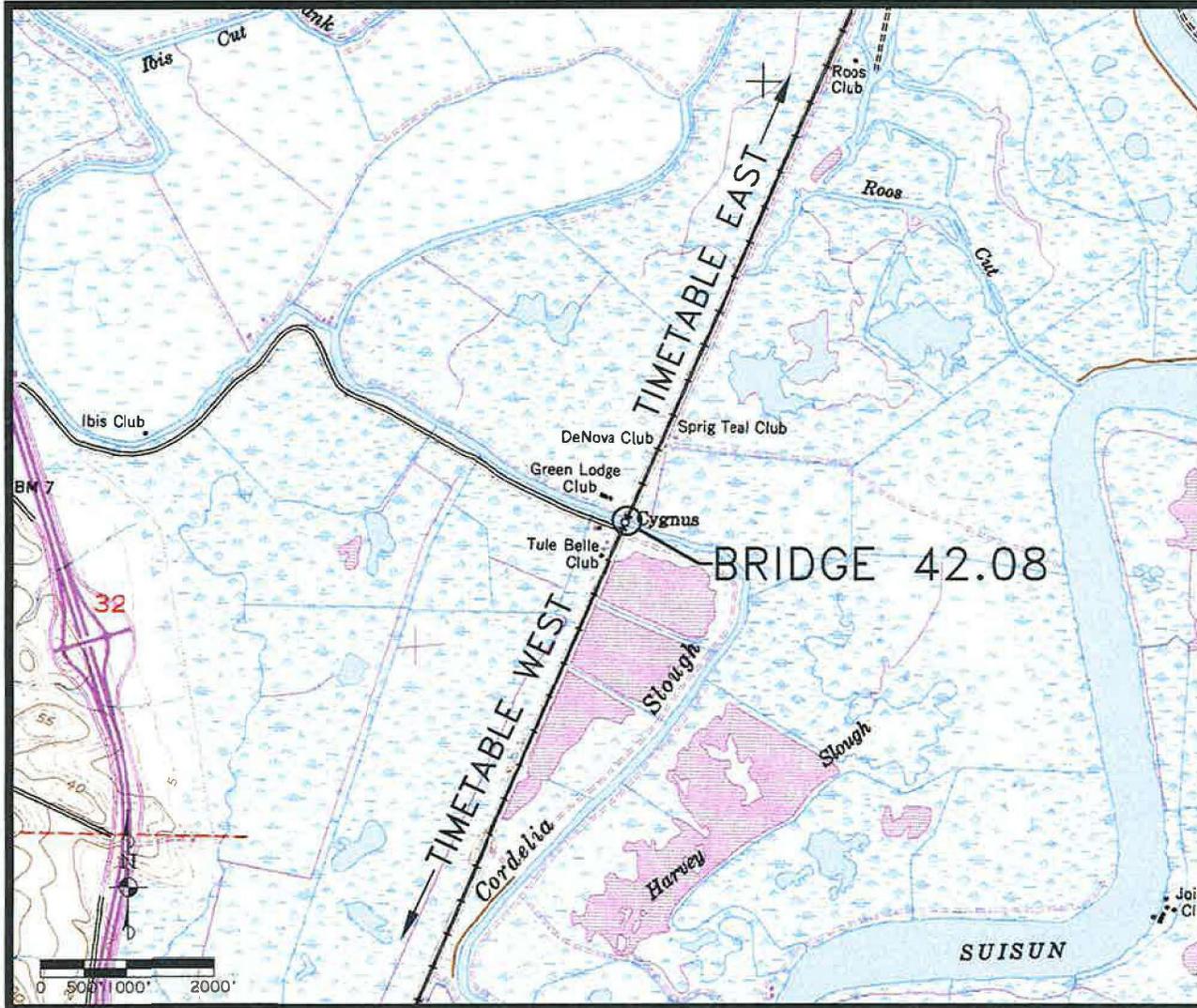
Boat owners in the project vicinity are requested to provide information about their vessels including type of vessel, length overall, draft, beam, and height from the waterline to the highest fixed point and to appurtenant structures (e.g. tuna towers, flying bridges, fixed antennas and radar units) and whether these appurtenant structures can be disassembled, dismantled or lowered. Also provide where the vessel is primarily moored and the frequency of passage through bridge in either the opened or closed to navigation position (i.e. number of times per month).

Interested parties are requested to express their views, in writing, on the proposed bridge project, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed work. Comments will be received for the record at Commander (dpw), Eleventh Coast Guard District, Coast Guard Island, Bldg. 50-2, Alameda, CA 94501-5100, or by email at D11-SG-M-DPW-Bridges@uscg.mil, through December 1, 2022.

Map of location and plans attached.

CARL T. HAUSNER
Chief, Bridge Section
Eleventh Coast Guard District
By direction of the District Commander

Attention Postmaster: Please Post.



olsson	
DATE: 05/04/2021	SURVEY: 03/30/2021

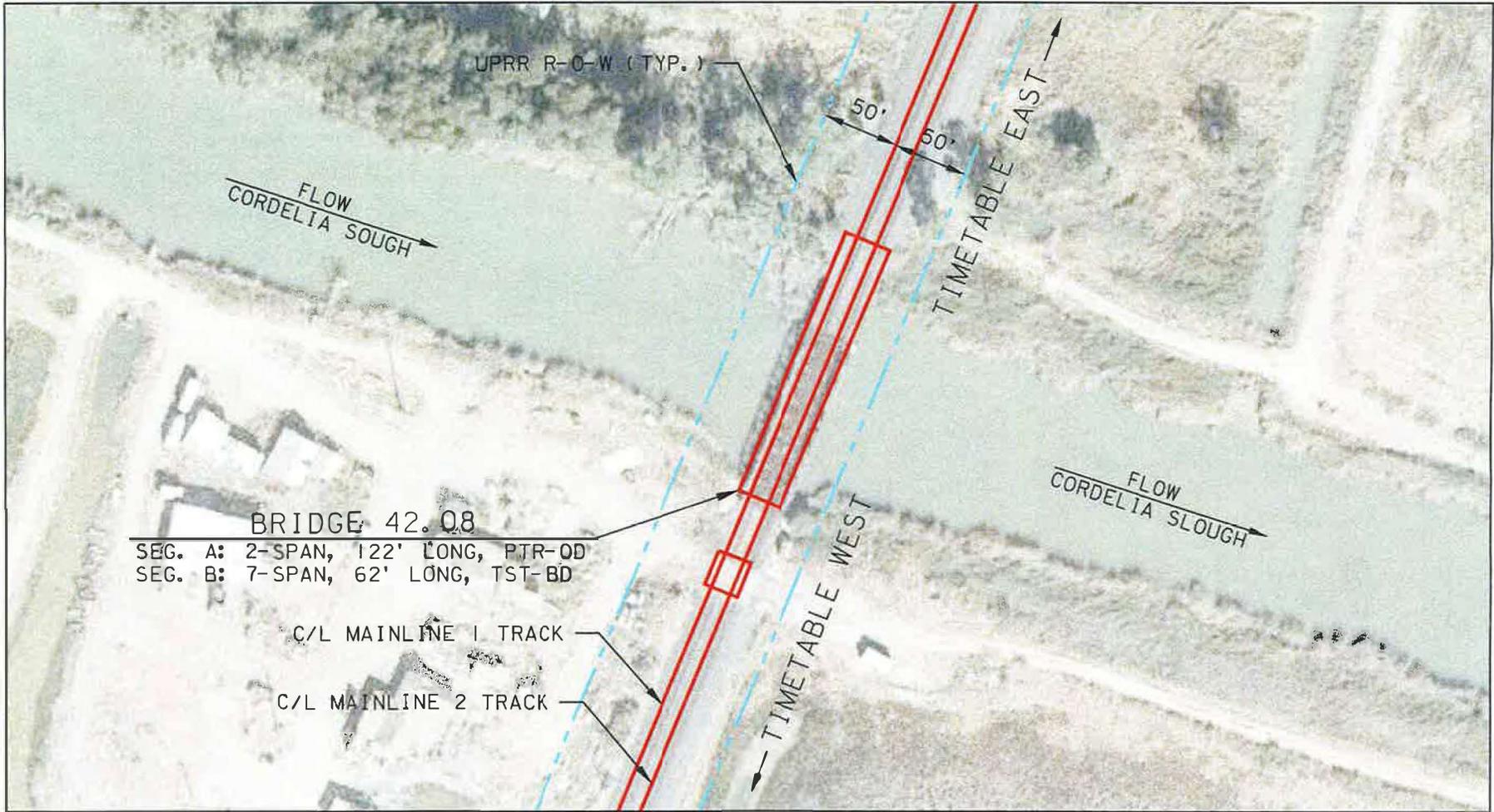
SOURCE:
USGS TOPOGRAPHIC MAP:
FAIRFIELD SOUTH (1980), CA

BRIDGE LOCATION:
SECTION 32
TOWNSHIP 4 NORTH
RANGE 2 WEST

SOLANO COUNTY, CA

RIVER MILE 1.5 CORDELIA SLOUGH

Union Pacific Rail Bridge
 Mile 1.5, Cordelia Slough, at Cygus,
 Solano County, CA
 Sheet 1 of 5



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DATE: 05/04/2021

SURVEY: 03/30/2021

Union Pacific Rail Bridge
 Mile 1.5, Cordelia Slough, at Cygus,
 Solano County, CA
 Sheet 2 of 5

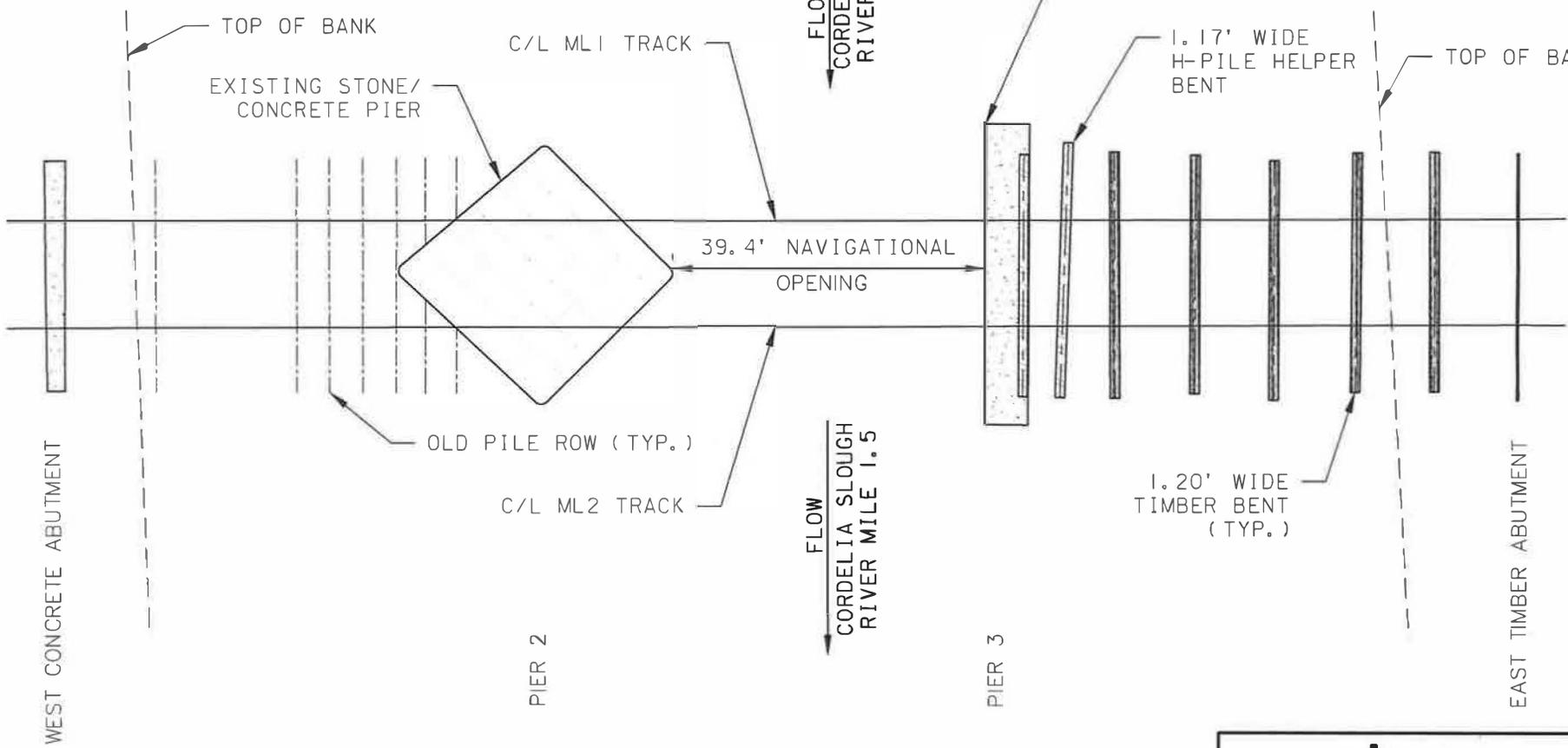
SOURCE:
 2020 GOOGLE EARTH
 SOLANO COUNTY, CA
 RIVER MILE 1.5 CORDELIA SLOUGH

TO MARSH &
10TH STREET (OAKLAND)
(TIMETABLE WEST)

TO CORDELIA &
ROSEVILLE
(TIMETABLE EAST)

FLOW
CORDELIA SLOUGH
RIVER MILE 1.5

FLOW
CORDELIA SLOUGH
RIVER MILE 1.5



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DATE: 05/04/2021	SURVEY: 03/30/2021

Union Pacific Rail Bridge
Mile 1.5, Cordelia Slough, at Cygus,
Solano County, CA
Sheet 3 of 5



APPROX. GEOGRAPHIC NORTH

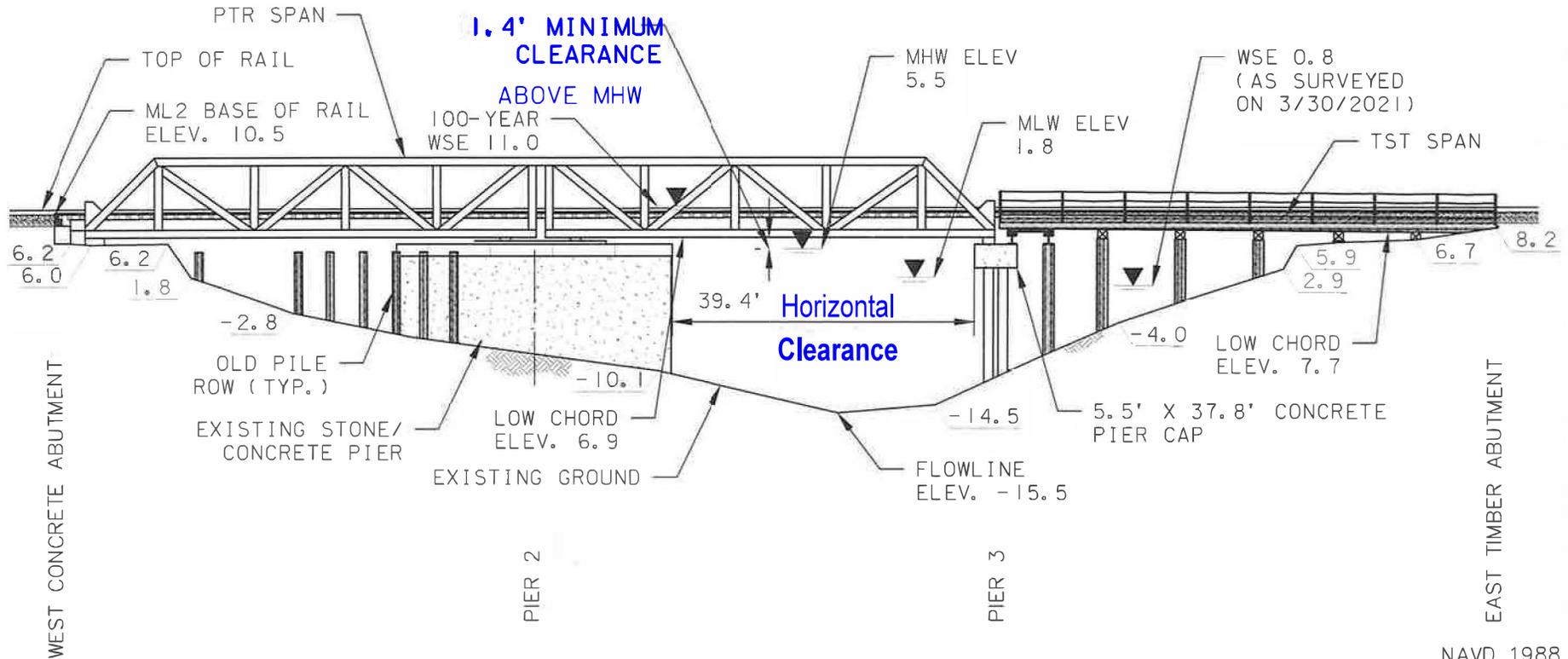
← TO MARSH &
10TH STREET (OAKLAND)
(TIMETABLE WEST)

→ TO CORDELIA &
ROSEVILLE
(TIMETABLE EAST)

BRIDGE 42.08 - MARTINEZ SUBDIVISION

SEG. A: 2-SPAN, 122' LONG, PTR-OD

SEG. B: 7-SPAN, 62' LONG, TST-BD



NAVD 1988
RIVER MILE 1.5 CORDELIA SLOUGH



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DATE: 05/04/2021	SURVEY: 03/30/2021

Union Pacific Rail Bridge
 Mile 1.5, Cordelia Slough, at Cygus,
 Solano County, CA
 Sheet 4 of 5

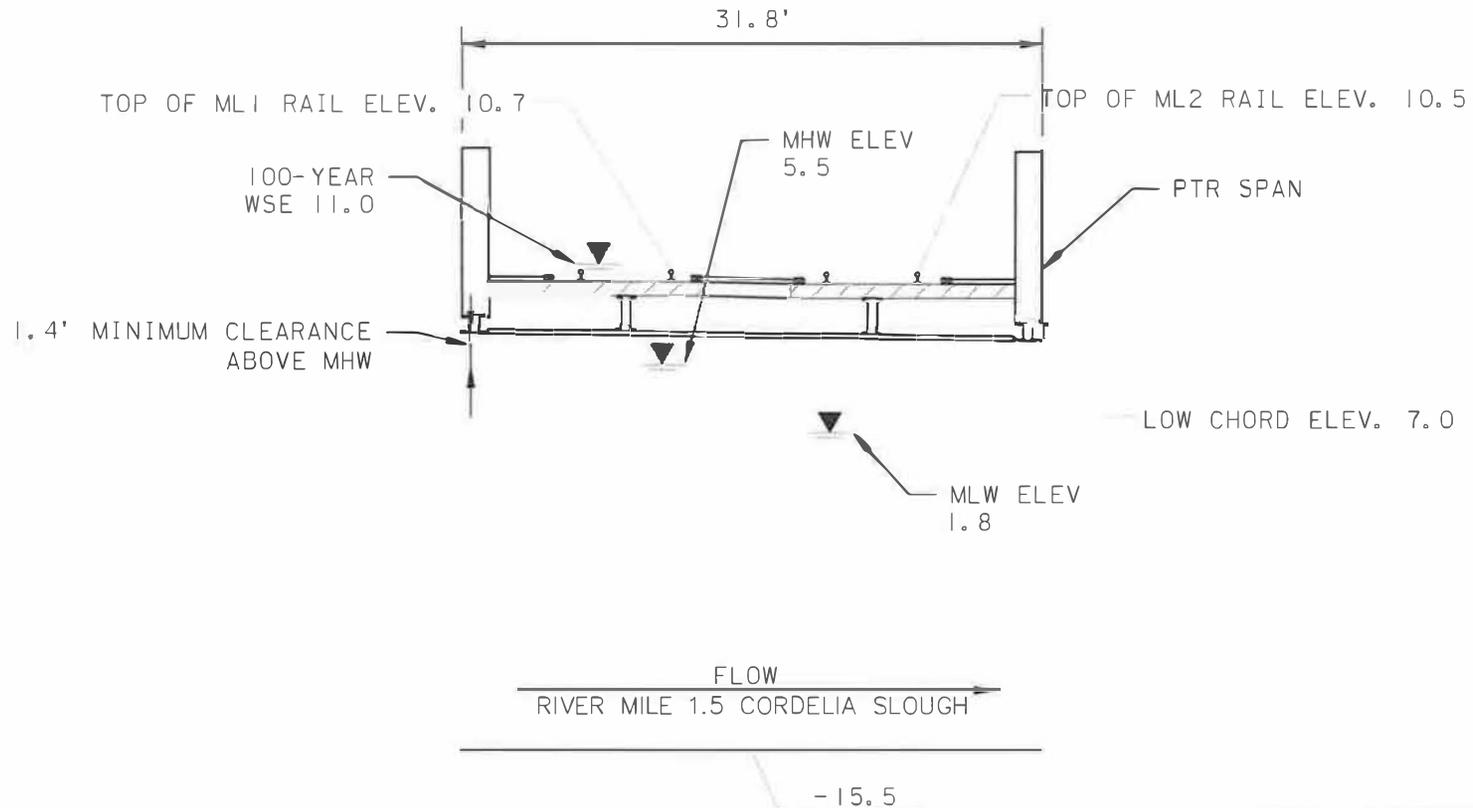
TIMETABLE NORTH

TIMETABLE SOUTH

BRIDGE 42.08 - MARTINEZ SUBDIVISION

SEG. A: 2-SPAN, 122' LONG, PTR-OD

SEG. B: 7-SPAN, 62' LONG, TST-BD



SCALE
(VIEW LOOKING TT EAST)



NAVD 1988

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DATE:

05/04/2021

SURVEY:

03/30/2021

Union Pacific Rail Bridge
Mile 1.5, Cordelia Slough, at Cygus,
Solano County, CA
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