

U.S. Department of
Homeland Security

**United States
Coast Guard**



Commander
Eleventh Coast Guard District

Coast Guard Island, Bldg 50-2
Alameda, CA 94501-5100
Staff Symbol: (dpw)
Phone: (510) 437-3516
Fax: (510) 437-5835
Email: D11Bridges@uscg.mil

July 18, 2024

PRELIMINARY PUBLIC NOTICE (11-163)

The United States Coast Guard is soliciting public comments on a proposal by the California Department of Transportation (Caltrans) to replace the pier protection system at the existing Route 37 bridge across the Petaluma River. The General Bridge Act of 1946 requires approval of the location and plans for bridges over navigable waters of the United States, prior to commencing construction. This public notice allows the public to comment on the navigational clearances being proposed. A Coast Guard Bridge Permit application has not yet been submitted but would be required for this project.

WATERWAY AND LOCATION: Petaluma River, mile 1.0, near Blackpoint, at the Marin/Sonoma County line, California. 38.11577, -122.50537.

PROPOSED MINIMUM NAVIGATIONAL CLEARANCES OF THE MODIFIED BRIDGE:

Existing

Horizontal: 140 feet, measured
normal to axis of channel

Vertical: 70 feet above
Mean High Water (MHW*)

Proposed

Horizontal: 128 feet, measured
normal to axis of channel

Vertical: 70 feet above MHW*

The proposed replacement fender system will reduce the horizontal clearance of the bridge by 12 feet.

**Datum: MHW elevation of 3.15 feet, NAVD88.*

SOLICITATION OF COMMENTS:

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

Commercial and recreational mariners 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 under the proposed modified bridge (i.e. number of times per month).

Interested parties are requested to express their views, in writing, on the proposed bridge modification project, giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed project. 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 D11Bridges@uscg.mil through August 19, 2024.

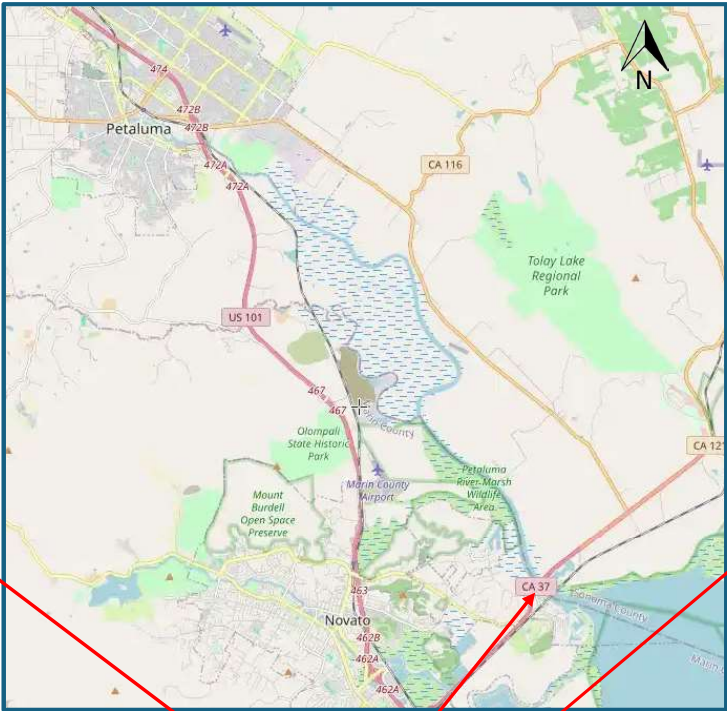
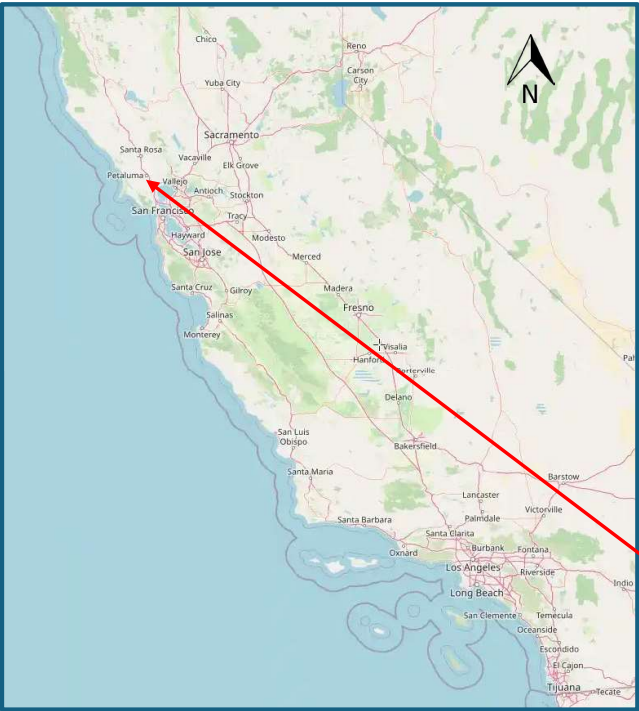
Map of location and plans attached.

Sincerely,

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

Postmaster: Please Post

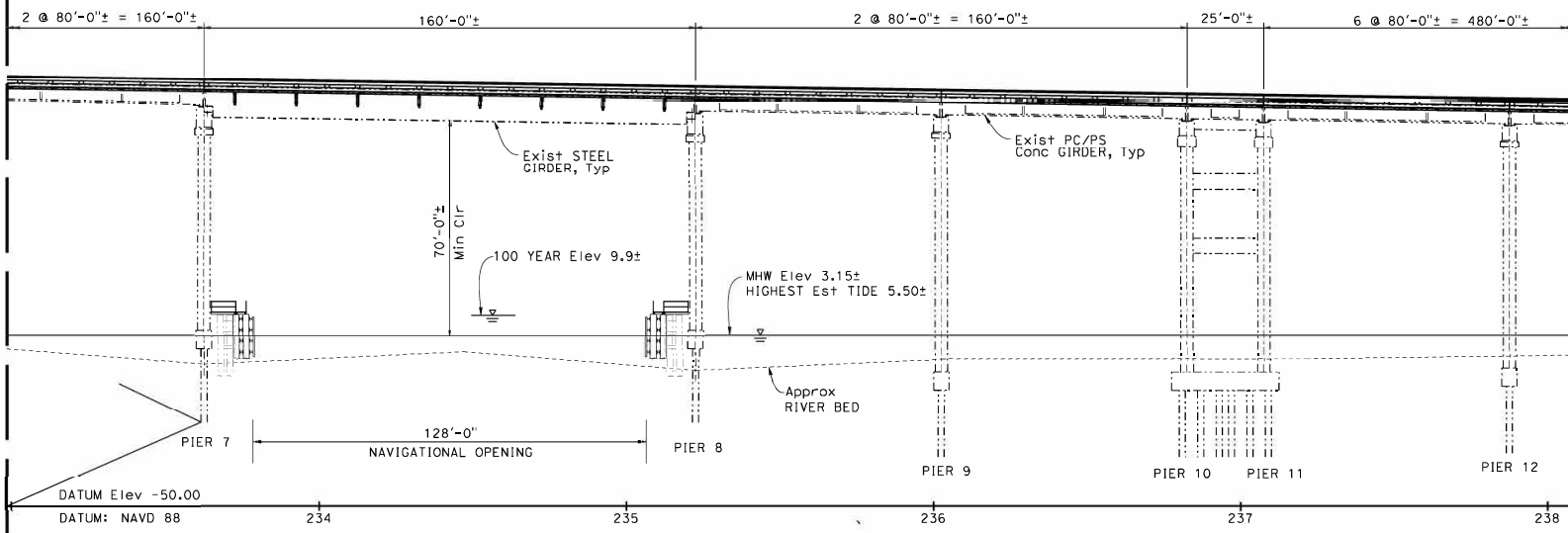
Proposed Modification – State Route 37 Bridge, Mile 1.0, Petaluma River



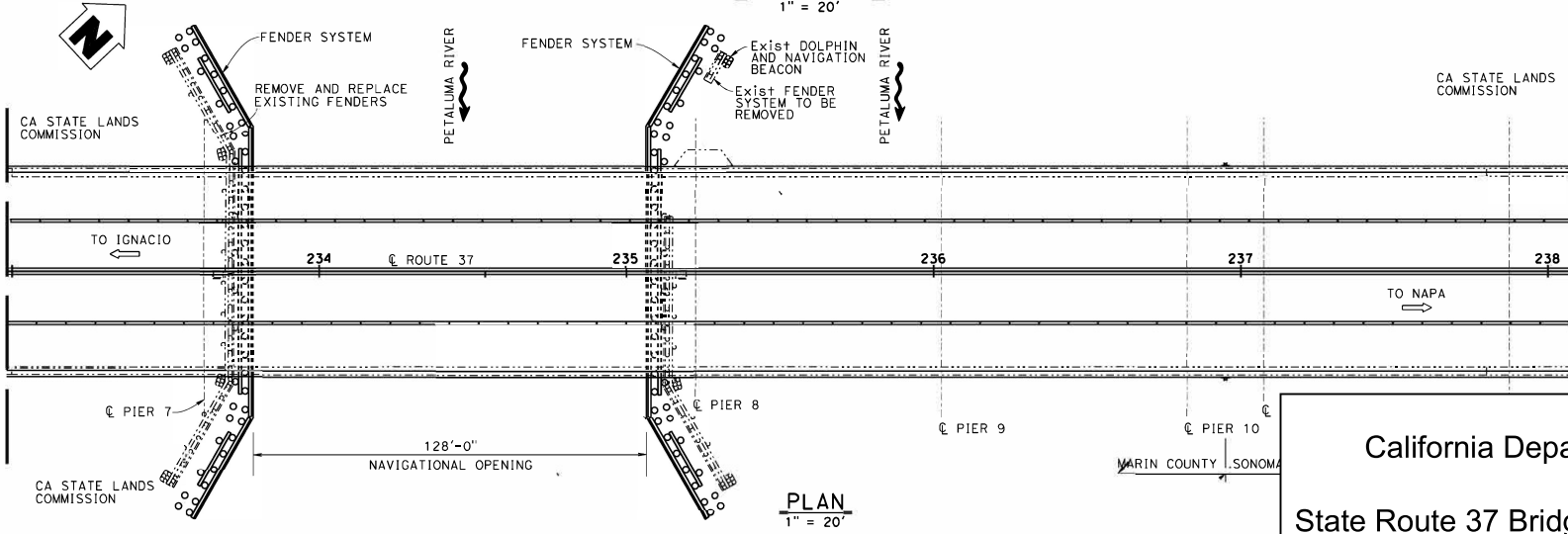
Location

California Department of Transportation
State Route 37 Bridge across the Petaluma River,
mile 1.0, near Blackpoint, at the Marin/Sonoma
County line, California
May 22, 2024 Sheet 1 of 4

2183'-0"± (MEASURED ALONG C ROUTE 37)



ELEVATION
1" = 20'



PLAN
1" = 20'

CONCEPTUAL PLAN UTIL

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Marin	37	14.5	2	4

REGISTERED CIVIL ENGINEER X DATE _____

X PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



AECOM
2020 L STREET, SUITE 300
SACRAMENTO, CA, 95811

California Department of Transportation

State Route 37 Bridge across the Petaluma River, mile 1.0, near Blackpoint, at the Marin/Sonoma County line, California

May 22, 2024

Syed Kazmi
PROJECT ENGINEER

**PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION**

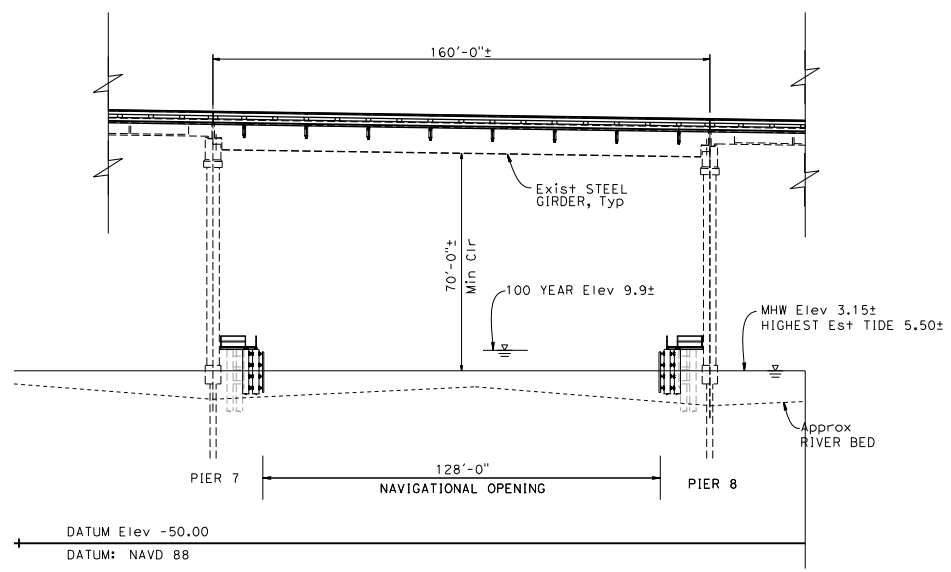
PROJECT NUMBER 6

X DESIGN OVERSIGHT	DESIGN BY L. Fellows	CHECKED G. Endrows / M. Etcheopore	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	Syed Kazmi PROJECT ENGINEER
X SIGN OFF DATE	DETAILS BY C. Tu	CHECKED L. Fellows		
STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)	QUANTITIES BY J. Axton	CHECKED G. Endrows / M. Etcheopore		
DATE PLOTTED => 4/18/2024		TIME PLOTTED => 5:10:54 PM	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0	PROJECT NUMBER 6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 FUNCTIONAL SUPERVISOR
 CALCULATED BY
 DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Marin	37	14.5	4	4

REGISTERED CIVIL ENGINEER DATE
 Jason Phoen
 No. 57553
 Exp 2/31/25
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 STATE OF CALIFORNIA
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



California Department of Transportation
 State Route 37 Bridge across the Petaluma River,
 mile 1.0, near Blackpoint, at the Marin/Sonoma
 County line, California
 May 22, 2024
 Sheet 3 of 4

CONCEPTUAL PLAN UTIL

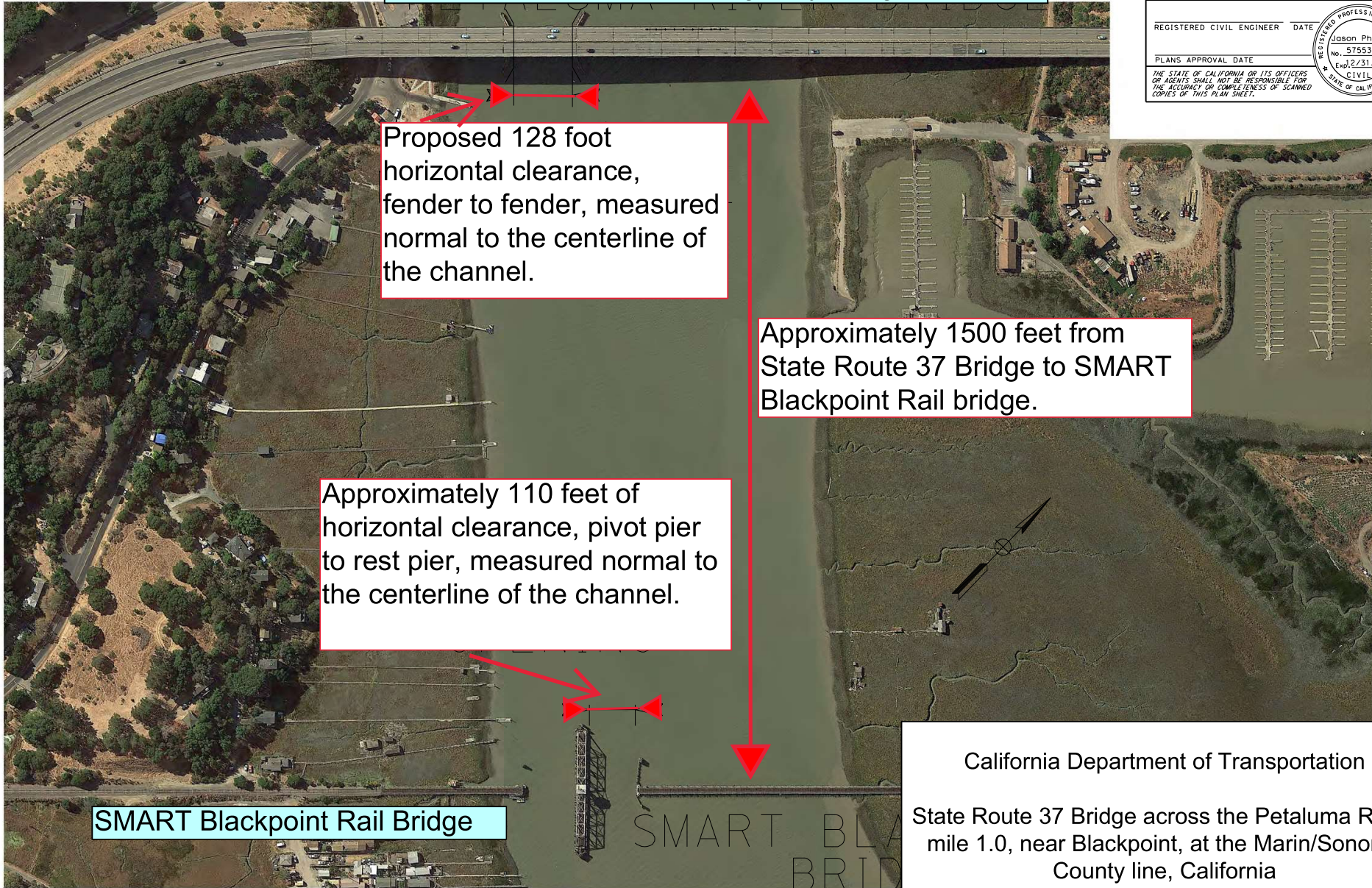


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 FUNCTIONAL SUPERVISOR
 CALCULATED, DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

State Route 37 Highway Bridge

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Mrn	37	14.5	3	4

REGISTERED CIVIL ENGINEER DATE
 Jason Phoen No. 57553 Exp. 2/31/25
 PLANS APPROVAL DATE
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Proposed 128 foot horizontal clearance, fender to fender, measured normal to the centerline of the channel.

Approximately 1500 feet from State Route 37 Bridge to SMART Blackpoint Rail bridge.

Approximately 110 feet of horizontal clearance, pivot pier to rest pier, measured normal to the centerline of the channel.

SMART Blackpoint Rail Bridge

California Department of Transportation
 State Route 37 Bridge across the Petaluma River, mile 1.0, near Blackpoint, at the Marin/Sonoma County line, California
 May 22, 2024