

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
Eighth Coast Guard District
Hale Boggs Federal Building

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Phone: (504) 671-2131
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16591
March 31, 2023

PUBLIC NOTICE 1-23

All interested parties are herein notified that the Commander, Eighth Coast Guard District has received application materials dated from Florida Department of Transportation (FDOT) for approval of location and plans for the replacement of a bridge over a navigable waterway of the United States.

BRIDGE, WATERWAY AND LOCATION: Brooks Bridge over Santa Rosa Sound (Gulf Intracoastal Waterway) mile 223.1 on State Road 30 (US 98) at Fort Walton Beach and Okaloosa Island, Okaloosa County, Florida.

CHARACTER OF WORK: The proposed replacement bridge will be two twin fixed bridges that will consist of three lanes on each span: two of the lanes on each bridge will serve as travel lanes and the third lane will serve as an outside auxiliary lane. The new twin replacement bridges will be 2,291 feet long and occupy approximately 146 feet 11 inches in width (two 68-foot-five-inch decks separated by a 10-foot gap). It will exceed the length of the existing bridge by 973 feet and the elevation of the existing bridge by 15 feet. The proposed configuration will provide 65 feet of vertical clearance above mean high water and 150 feet of horizontal clearance between the new bridge protection system.

The current bridge is a fixed four-lane bridge that provides 50 feet of vertical clearance at high water where it crosses the Gulf Intracoastal Waterway and 140 feet of horizontal clearance between the bridge protection system.

MINIMUM NAVIGATIONAL CLEARANCES:

The proposed replacement bridge will have clearances as described in the table below. These clearances are an increase from current clearances over this section of the waterway at or near this mile.

	Existing	Proposed
Vertical	50	65
Horizontal	140	150

Datum: NAVD88

ENVIRONMENTAL CONSIDERATIONS:

The Florida Department of Transportation is the lead Federal agency with authority delegated from Federal Highway Administration (FHWA) for satisfying the requirements of the National

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Environmental Policy Act (NEPA). The Florida Department of Transportation (FDOT) is acting on behalf of the U.S. Coast Guard for all environmental control laws. An Environmental Assessment dated December 14, 2016, and a Finding of No Significant Impact (FONSI) were issued on April 16, 2019, pursuant to NEPA. The Florida Department of Transportation has resubmitted the Environmental Assessment and the Finding of No Significant Impact for a re-evaluation. The U.S. Coast Guard has tentatively determined that the proposed action will not have a significant impact for the purposes of NEPA for the project. Documents are available for review online at <https://nwflroads.com/documents/?Projects/Okaloosa/415474-2/Meeting%20Materials/mtgdocs/Final%20EA%20Approval.pdf> or reviewed 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 for this project was applied for from the Florida Department of Transportation and issued by the Florida Department of Environmental Protection on August 15, 2022. Approximately 1.395 acres of wetlands will be affected by this project.

The bridge is located in the floodplain. The 100-year flood elevation is 9.30 feet, while elevation of the low member of the navigation span is 66.6 feet. Elevations are referenced to NAVD88 datum. There will be no cubic yards of fill material placed below mean high water level for the construction of the bridge and approaches.

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 Florida Department of Transportation. Comments will be received for the record at the address noted in the header or via email at d8dpball@uscg.mil through **May 13, 2023**.

Map of location and plans attached.

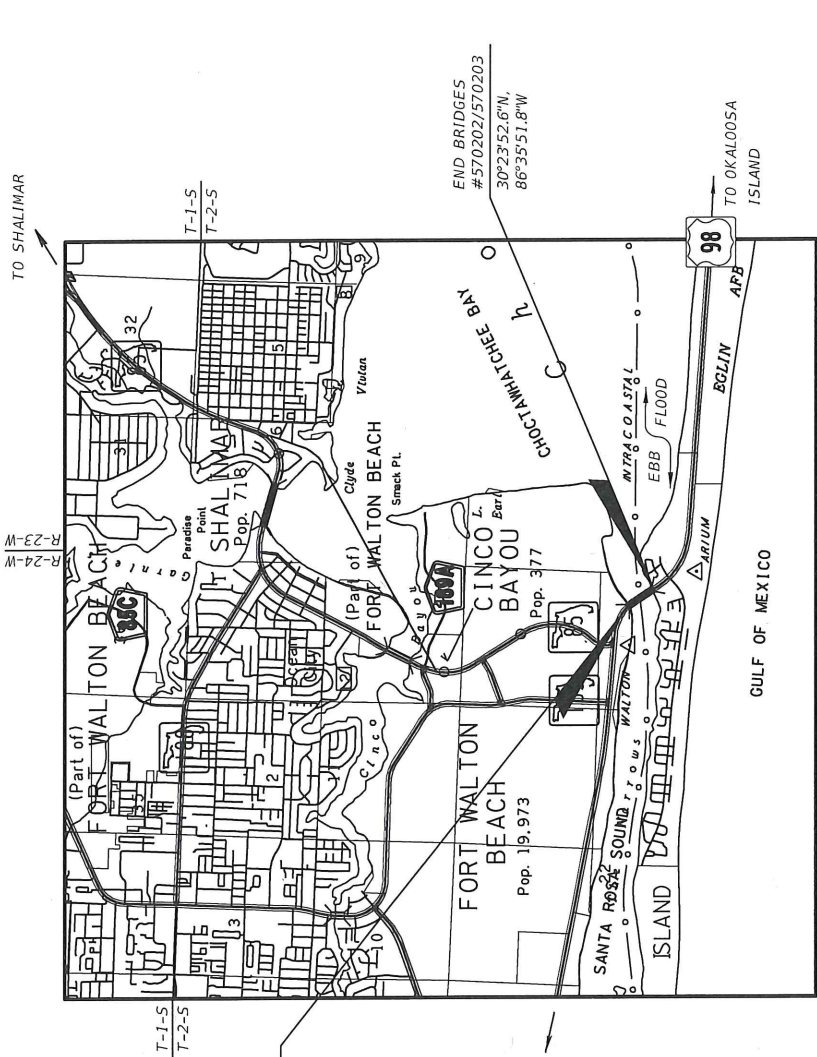
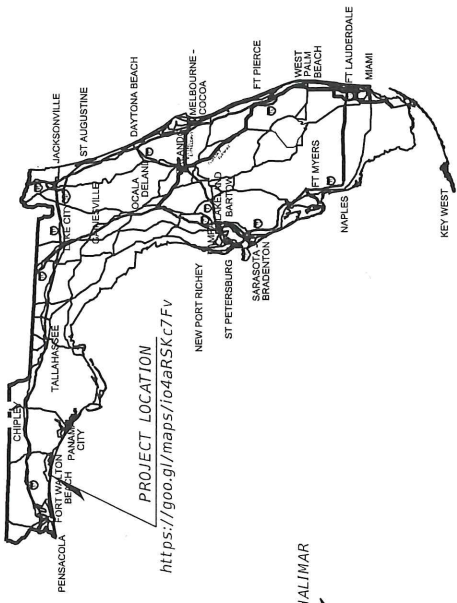


DOUGLAS BLAKEMORE
Bridge Administrator
By direction of the Commander,
Eighth Coast Guard District

BRIDGE CONSTRUCTION

SR 30 (US 98) OVER SANTA ROSA SOUND
 FINANCIAL PROJECT ID 415474-2-52-01
 FEDERAL AID PROJECT NO. D317-032-B
 OKALOOSA COUNTY (57030000)
 FDOT CONTRACT NO. E3U76

PROJECT LOCATION
<https://goo.gl/maps/1o4aRSKc7Fv>



BEGIN BRIDGES
 #570202/570203
 30°24'09.3"N,
 86°36'06.2"W

END BRIDGES
 #570202/570203
 30°23'52.6"N,
 86°35'51.8"W

NOTES:

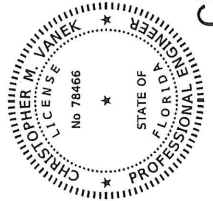
- ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON NAVD88.
- THESE PLANS INCLUDE NO FILL MATERIAL BELOW MEAN HIGH WATER ELEVATION.
- THE BRIDGE HAS BEEN DESIGNED FOR THE FOLLOWING EQUIVALENT STATIC LATERAL SHIP IMPACT FORCES APPLIED PER AASHTO LRFD.

PIER NO.	TRANSVERSE (KIP)	LONGITUDINAL (KIP)
4	2100	1050
5	2500	1250
6	2500	1250
7	2100	1050

LOCATION MAP

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 CHRISTOPHER M. VANEK, P.E., ON
 03/21/2023

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Digitally signed by Christopher M. Vanek
 DN: cn=Christopher M. Vanek, o=US, ou=WSP USA INC.

APPLICANT:
 FLORIDA DEPARTMENT OF TRANSPORTATION
 CONSULTANT: WSP USA Inc.

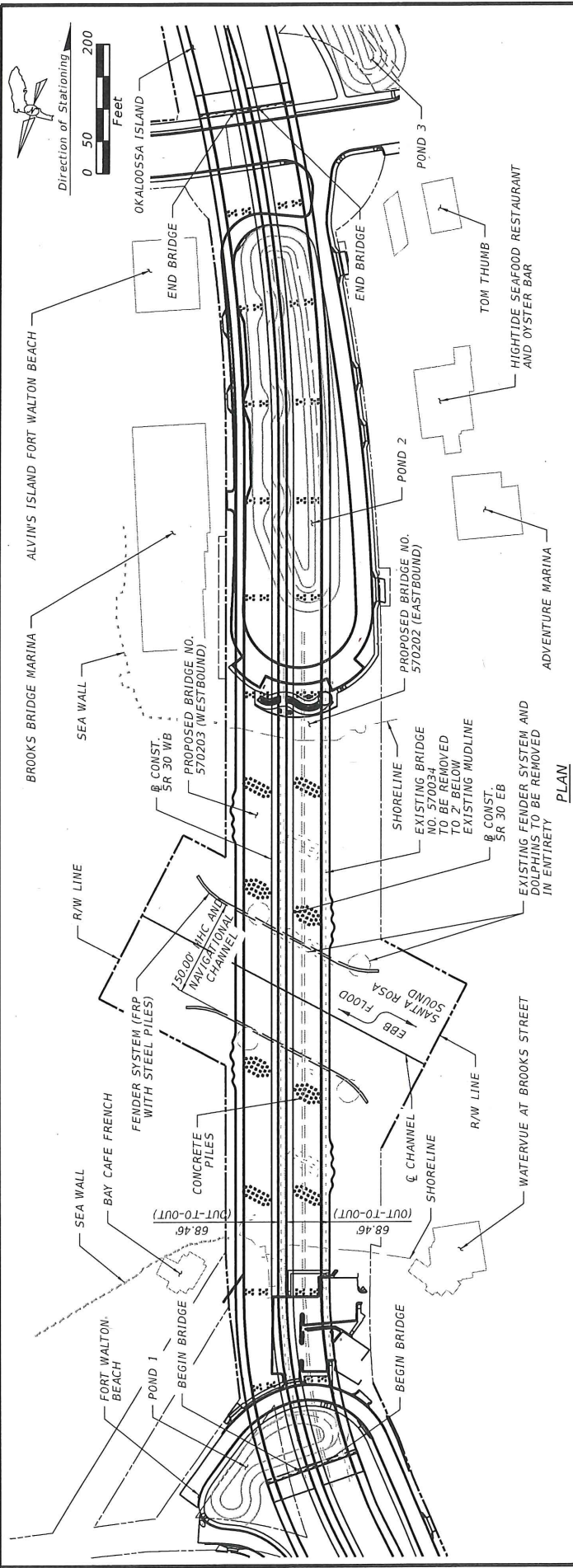
SR 30 (US 98) BROOKS BRIDGE OVER
 SANTA ROSA SOUND (GIWW)

PROPOSED BRIDGES M.P. 223.1 EHL WATERWAY
 BEGIN PROJECT M.P. 11.647 SR 30
 FORT WALTON BEACH
 OKALOOSA COUNTY, FLORIDA

VICINITY MAP

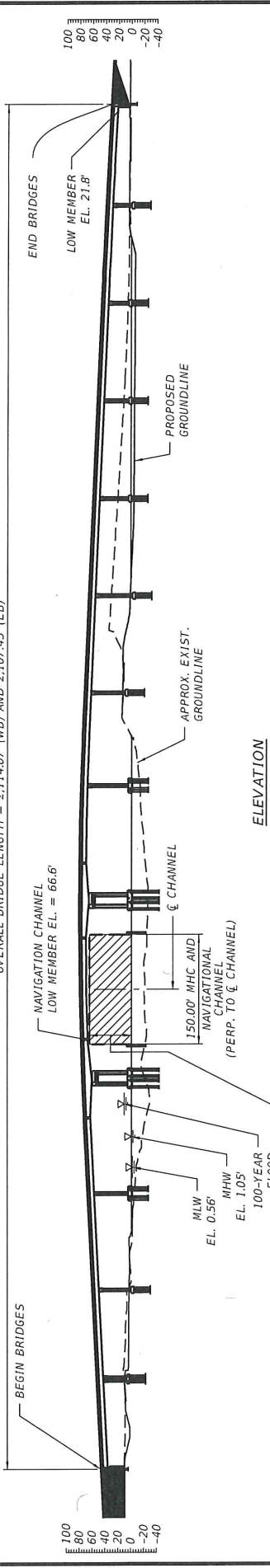
MARCH 21, 2023 SHEET 1 OF 5

Christopher
 P. E.



PLAN

OVERALL BRIDGE LENGTH = 2,114.07' (WB) AND 2,107.45' (EB)



ELEVATION

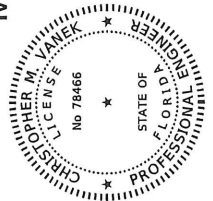
NOTE: ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON NAVD83.

LEGEND:

- MLW = MEAN LOW WATER
- MHW = MEAN HIGH WATER
- MVC = MINIMUM VERTICAL CLEARANCE (ABOVE MHW)
- MHC = MINIMUM HORIZONTAL CLEARANCE
- FRP = FIBER REINFORCED POLYMER
- PERP. = PERPENDICULAR
- EL. = ELEVATION
- NAVIGATION WINDOW

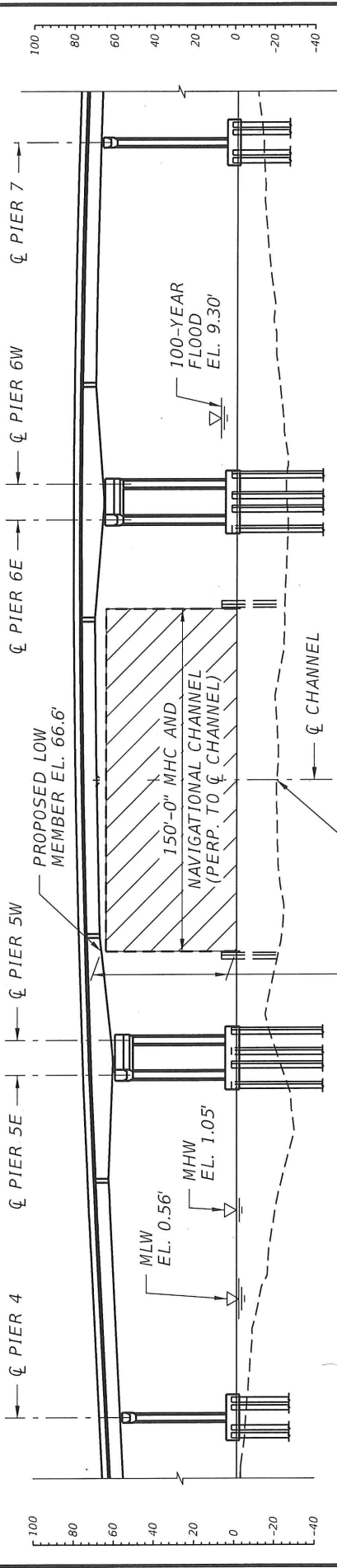
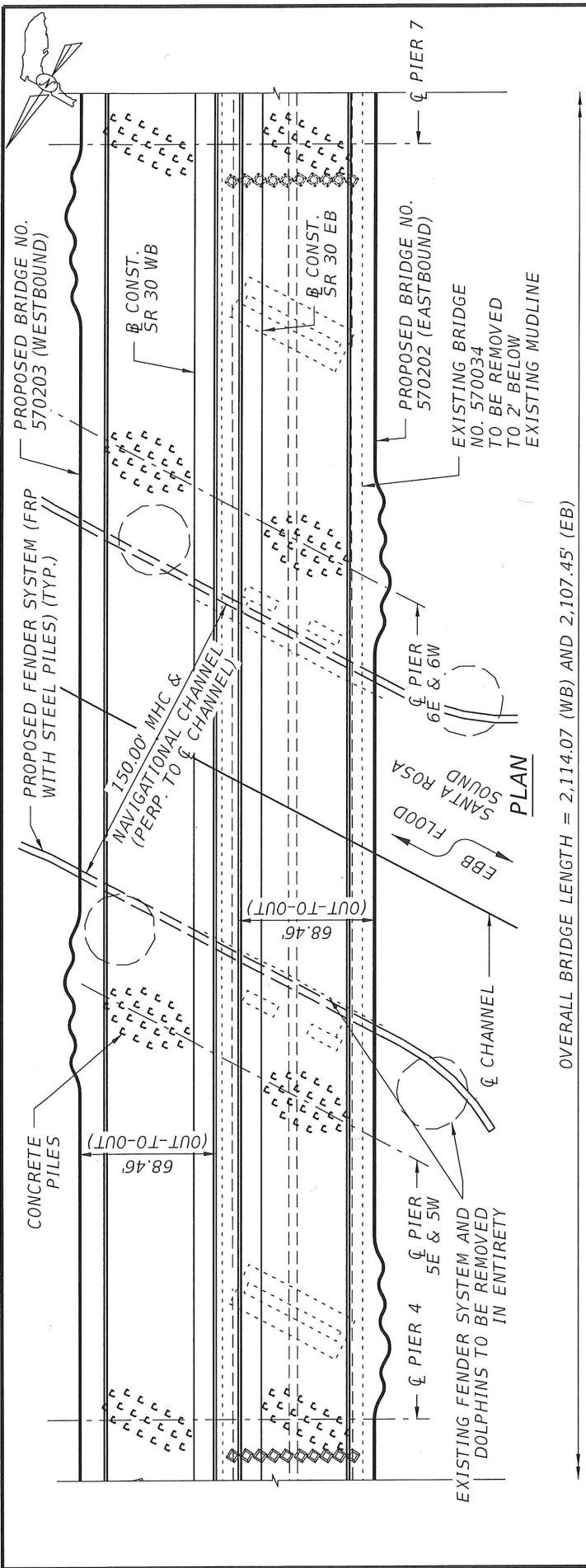
Digitally signed by Christopher M Vanek
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 c=US, o=WSP USA, Inc.,
 email=christopher.vanek@wsp.com
 Date: 2023.03.21 06:12:40 -0700

Christopher M Vanek



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 CONSULTANT: WSP USA Inc.
 SR 30 (US 98) BROOKS BRIDGE OVER SANTA ROSA SOUND (GIWW)
 PROPOSED BRIDGES M.P. 223.1 EHL WATERWAY BEGIN PROJECT M.P. 11.647 SR 30 FORT WALTON BEACH OKALOOSA COUNTY, FLORIDA
 PROPOSED BRIDGES PLAN AND ELEVATION
 MARCH 21, 2023 SHEET 2 OF 5



NOTE:
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ARE BASED ON NAVD88.

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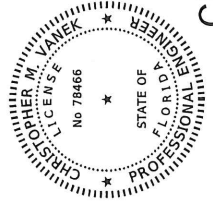
SR 30 (US 98) BROOKS BRIDGE OVER
SANTA ROSA SOUND (GIWW)

PROPOSED BRIDGES M.P. 223.1 EHL WATERWAY
BEGIN PROJECT M.P. 11.647 SR 30
FORT WALTON BEACH
OKALOOSA COUNTY, FLORIDA

BRIDGES PLAN AND ELEVATION CHANNEL SPAN

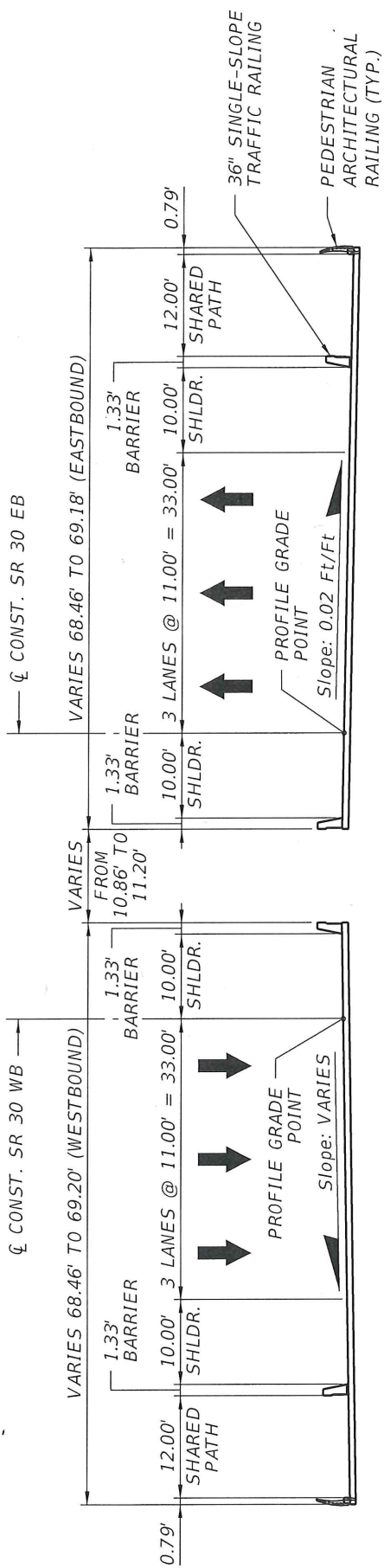
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c:\us-c\wsp-usa-inc.

Christopher



TYPICAL SECTION - PROPOSED BRIDGES

(LOOKING AHEAD STATION)



Feet

APPLICANT:
 FLORIDA DEPARTMENT OF TRANSPORTATION
 CONSULTANT: WSP USA Inc.

SR 30 (US 98) BROOKS BRIDGE OVER
 SANTA ROSA SOUND (GIWW)

PROPOSED BRIDGES M.P. 223.1 EHL WATERWAY
 BEGIN PROJECT M.P. 11.647 SR 30
 FORT WALTON BEACH
 OKALOOSA COUNTY, FLORIDA

BRIDGES TYPICAL SECTION

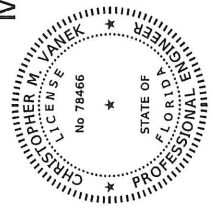
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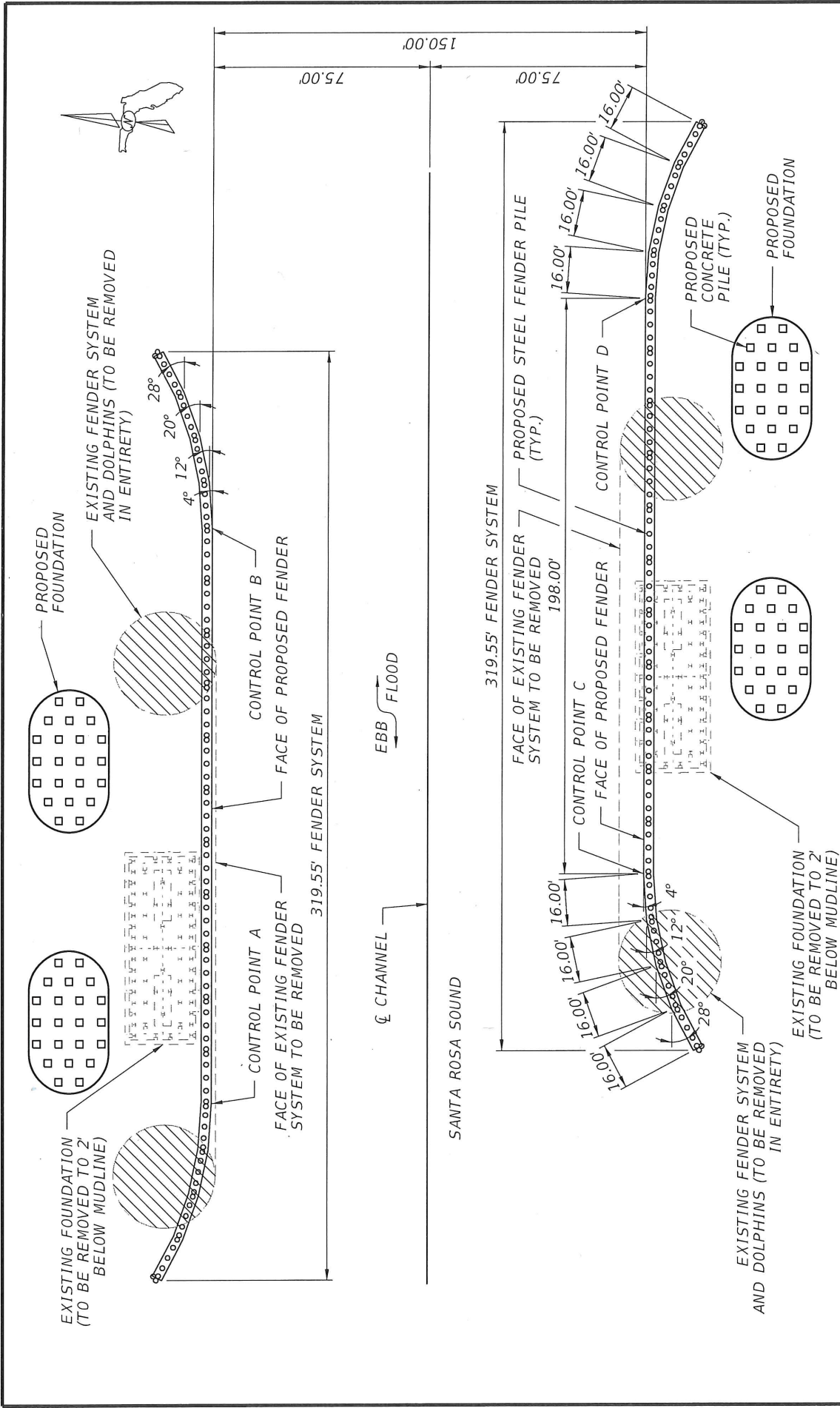
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 Date: 2023.03.21 06:12:59 -0700

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 CONSULTANT: WSP USA Inc.
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 SANTA ROSA SOUND (GIWW)
 PROPOSED BRIDGES M.P. 223.1 EHL WATERWAY
 BEGIN PROJECT M.P. 11.647 SR 30
 FORT WALTON BEACH
 OKALOOSA COUNTY, FLORIDA
 FENDER SYSTEM LAYOUT
 MARCH 21, 2023 SHEET 5 OF 5

PLAN

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 Date: 2023.03.21 06:13:08 -0700

Christopher M Vanek
 LICENSE No 78466
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

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LEGEND:
 — - EXISTING PILE
 □ - PROPOSED CONCRETE PILE
 ○ - PROPOSED STEEL FENDER PILE