

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
United States Coast Guard  
Seventh District

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Miami, FL 33131  
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Phone: (305) 415-6747  
Email: Omar.Beceiro@uscg.mil

16591/1079  
August 24, 2022

## PUBLIC NOTICE (10-22)

All interested parties are herein notified that Commander, Seventh Coast Guard District has received an application dated June 13, 2022 from Georgia Department of Transportation (GDOT), Bridge Design and Maintenance Office. The applicant is requesting approval of location and plans for a bridge replacement across a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Savannah River, Mile 21.5, Port Wentworth, Chatham County, Georgia, 32° 09' 55.4" N, 81° 09' 17.7" W

**CHARACTER OF WORK:** Georgia Department of Transportation intends to replace the State Route (SR) 25/James P. Houlihan Memorial Bridge (Mile 21.5) over the Savannah River with a new, fixed span bridge. The project would replace the existing 33.6-foot wide by 1,465-foot long swing span bridge with a new 43-foot wide by 2,650-foot long fixed bridge with two, 12-foot wide travel lanes and 8-foot wide outside shoulders. The alignment of the new bridge would be offset approximately 77 feet north (centerline to centerline) of and parallel to the existing alignment.

A temporary work platform/trestle will be constructed to facilitate construction of the new bridge and demolition of the existing bridge. The work platform/trestle will be located in between the existing and replacement bridges and advanced simultaneously from both bridge approaches. The temporary work platform/trestle will not extend across the entire width of the Savannah River so the navigational channel will not be obstructed.

The existing bridge will be removed in its entirety. Demolition of the existing bridge would begin once the replacement bridge has been completed and is open to traffic.

### MINIMUM NAVIGATIONAL CLEARANCES:

The proposed new bridge will have clearances as described in the table below relative to Mean Low Water (MLW).

	<u>Existing (Feet)</u>	<u>Proposed (Feet)</u>
Vertical	Unrestricted when open	55
Horizontal	90	100

Datum: NAVD88

### ENVIRONMENTAL CONSIDERATIONS:

The lead Federal agency for this project is Federal Highway Administration (FHWA). They have determined the bridge replacement warrants a Categorical Exclusion for the purposes of the National Environmental Policy Act (NEPA).

In a letter dated April 6, 2020, the Georgia Department of Natural Resources, Historic Preservation Division (HPD) concurred with GDOT's determination that the proposed project would have no adverse effect on the National Register of Historic Places (NRHP)-eligible Colerain Plantation District and Atlantic Coastal Highway Through Georgia Marker. The HPD concurred with GDOT's determination that the proposed project would have an adverse effect on the NRHP-eligible James P. Houlihan Memorial Bridge and Atlantic Coastal Highway. Furthermore, HPD concurred that adequate measures have been proposed to minimize or avoid adverse effects.

A water quality certification in accordance with Section 401 of the Clean Water Act, as amended, for this project is covered under U.S. Army Corps of Engineers Regional Permit 34. Application (SAS-2018-00046) submitted on May 26, 2022.

The proposed project is in the base floodplain. The 100-year flood elevation is 5.77 feet, while elevation of the low member of the navigation span is approximately 59 feet. Elevations are referenced to NAVD88 datum.

The Savannah River at the project site is identified as Open Water. Six tidally influenced wetlands were identified within the environmental survey boundary. Georgia Department of Transportation will mitigate unavoidable impacts to wetlands through the purchase of compensatory wetland credits from the Vallambrosa Mitigation Bank.

The Savannah River is considered Essential Fish Habitat (EFH) for spiny lobster and snapper/grouper. The adjacent tidal and freshwater wetlands are also identified as EFH. Construction of the proposed project would result in fill, clearing, and shading impacts to EFH. In an email dated January 15, 2021, National Marine Fisheries Service (NMFS) concurred with FHWA's determination that construction of the proposed project "may affect, likely to adversely affect" EFH. Since that determination was made, the project design has been modified and impacts to EFH have been significantly reduced. As a result, FHWA re-initiated consultation with NMFS on May 19, 2022.

In a letter dated August 26, 2020, U.S. Fish and Wildlife Service (USFWS) concurred with FHWA's determination that construction of the proposed project would "not likely adversely affect" the wood stork or West Indian manatee. In a letter dated May 24, 2022, USFWS concurred with FHWA's determination that construction of the proposed project would "not likely adversely affect" the Eastern Black Rail.

**NAVIGATION:** During construction, temporary work trestles, construction barges, and other construction-related vessels may affect navigation. The Coast Guard will publish in the Local Notice to Mariners (LNM) project phases that may affect navigation. To subscribe to the Coast Guard LNM, please visit <http://www.navcen.uscg.gov/> under "Subscribe / Report (free)" select the notifications you wish to receive; note this project is located in the Seventh Coast Guard District area.

#### **SOLICITATION OF COMMENTS:**

Mariners are asked 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 asked to express their views, in writing, on the proposed bridge project including its possible environmental impacts to include those impacts on minority and/or low income populations, if any, giving sufficient detail to establish a clear understanding of the reasons for support of, or opposition to, the proposed work.

Comments will be received for the record at the office of: Commander (dpb), Seventh Coast Guard District, 909 SE 1st Ave., Ste. 432, Miami, Florida 33131-3028 or via email at: [Omar.Beceiro@uscg.mil](mailto:Omar.Beceiro@uscg.mil), for a 30-day period from the date of this public notice. The Coast Guard project manager for this application is Mr. Omar Beceiro, who can be contacted by mail at the above address or e-mail. Comments received will be made part of the project administrative record. (Plans attached)

CONCEPTUAL DESIGN BUILD PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT. THE COST GUARD WILL BE NOTIFIED OF ANY CHANGES THAT MAY IMPACT THE NAVIGATIONAL WATERWAY.

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## PLAN AND PROFILE OF PROPOSED BRIDGE REPLACEMENT SR 25 OVER SAVANNAH RIVER

FEDERAL AID PROJECT

P.J. NO. 0013741



LOCATION SKETCH

PROJECT LOCATION

**DESIGN DATA:**  
TRAFFIC A.D.T.: 4175 (2025)  
TRAFFIC A.D.T.: 5125 (2045)  
TRAFFIC D.H.V.: 500  
DIRECTIONAL DIST: 70%  
% TRUCKS: 26.5%  
24 HR. TRUCKS %: 42.5%  
SPEED DESIGN: 45 MPH

LOCATION & DESIGN  
APPROVAL DATE: 11/01/2018

FUNCTIONAL CLASS:  
RURAL MINOR ARTERIAL

THIS PROJECT IS 100% IN  
CHATHAM COUNTY AND IS  
100% IN CONG. DIST. NO. 1.

PROJECT DESIGNATION: EXEMPT

THIS PROJECT HAS BEEN PREPARED  
USING THE HORIZONTAL GEORGIA  
COORDINATE SYSTEM OF 1984 (NAD  
1983)/84 EAST ZONE, AND THE NORTH  
AMERICAN VERTICAL DATUM (NAVD)  
OF 1988.

THE DATA TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY  
INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON  
FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE  
SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT  
OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO  
SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

**PROJECT MIDPOINT**  
STA 120+32.00  
N = 78914.4107  
E = 969003.7498

LENGTH OF PROJECT		CHATHAM COUNTY COUNTY NO. 051
		P.J. No. 0013741
		MILES
NET LENGTH OF ROADWAY	0.293	
NET LENGTH OF BRIDGES	0.502	
NET LENGTH OF PROJECT	0.795	
NET LENGTH OF EXCEPTIONS	0.000	
GROSS LENGTH OF PROJECT	0.795	

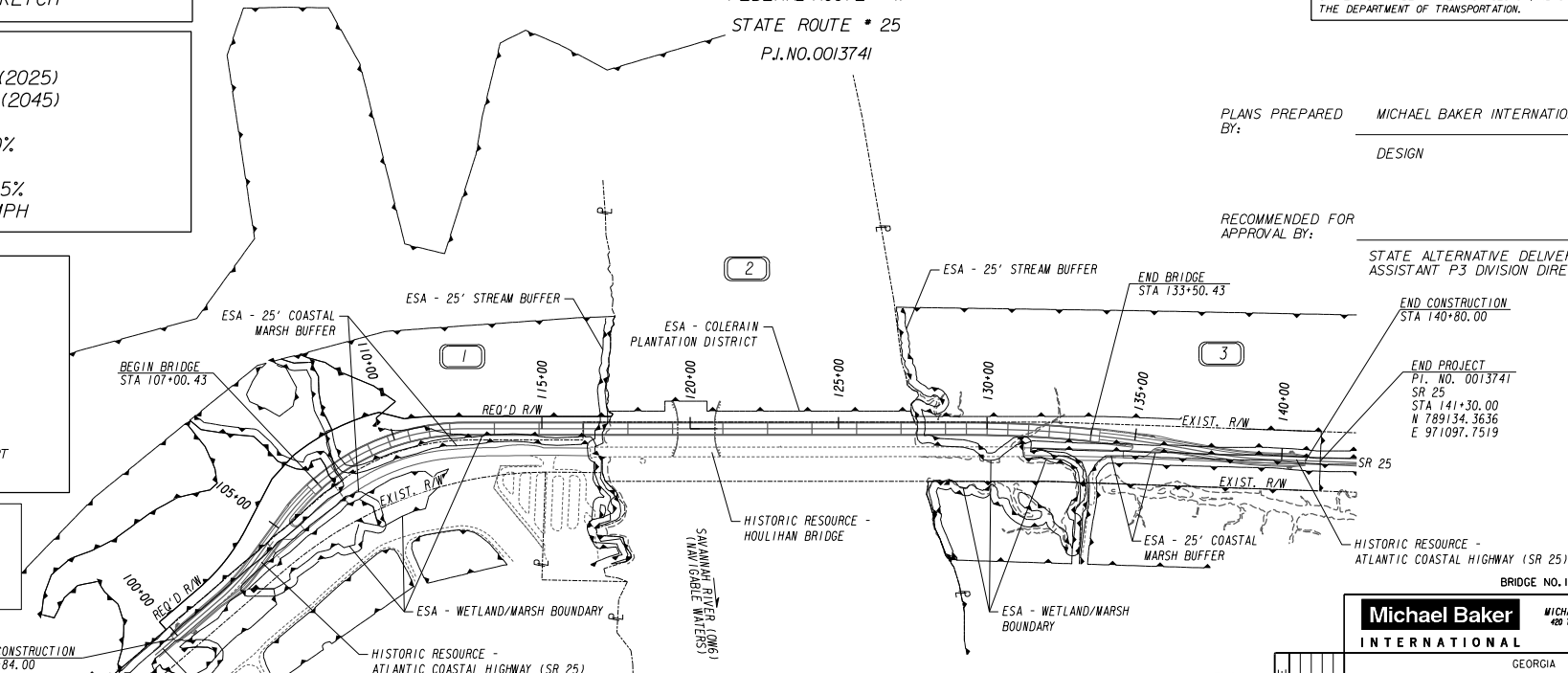
FEDERAL ROUTE \* 11  
STATE ROUTE \* 25  
P.J. NO. 0013741

PLANS PREPARED BY: MICHAEL BAKER INTERNATIONAL

DESIGN

RECOMMENDED FOR APPROVAL BY:

STATE ALTERNATIVE DELIVERY ADMINISTRATOR/  
ASSISTANT P3 DIVISION DIRECTOR



**Michael Baker International**  
400 TECHNOLOGY PARKWAY, SUITE 150  
NORCROSS, GEORGIA 30092  
(770) 553-9118

GEORGIA  
DEPARTMENT OF TRANSPORTATION  
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

COVER SHEET  
SR 25 OVER SAVANNAH RIVER (MP 21.5)  
PORT WENTWORTH, CHATHAM COUNTY, GA. 0013741

NO SCALE JULY 19, 2022



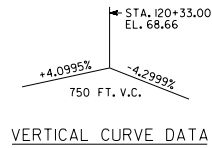
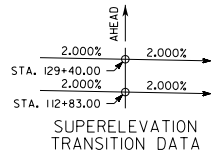
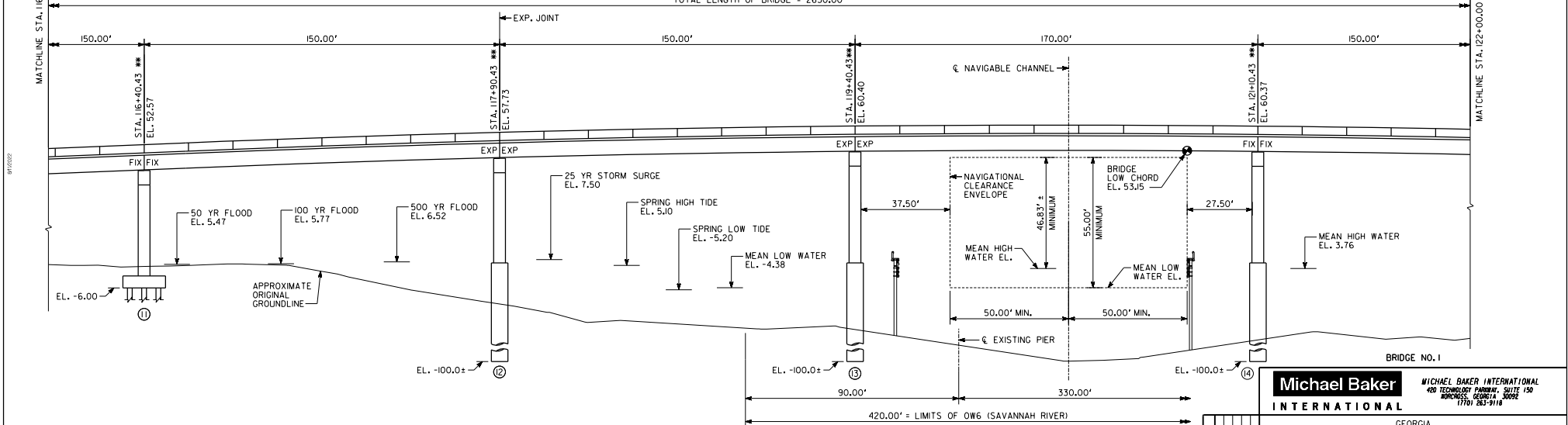
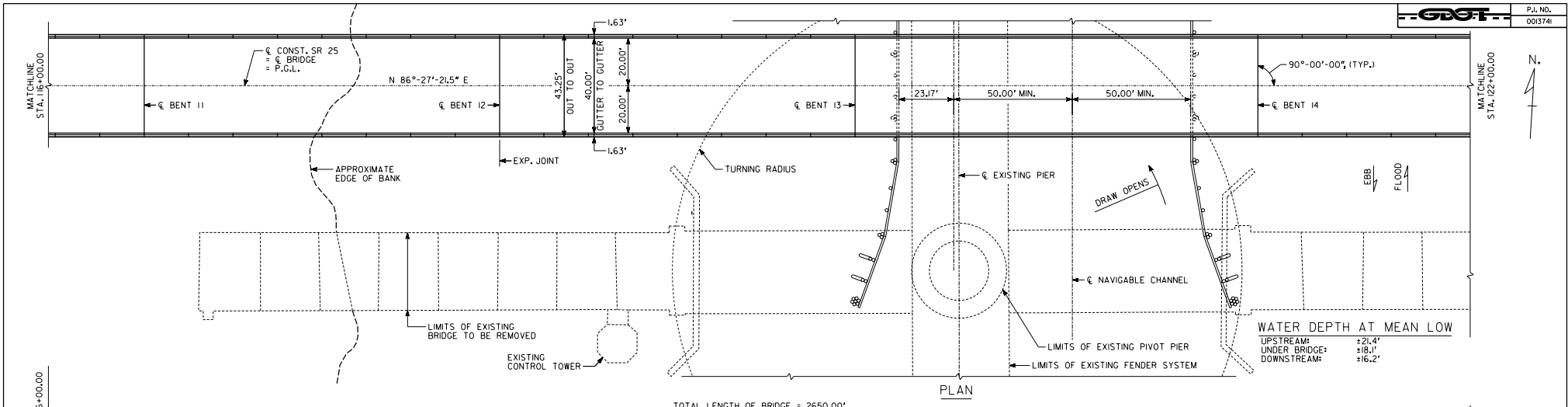
DRAWING NO. 35-0001  
BRIDGE SHEET 1 OF 5

DATE	REVISIONS	BY	REVIEWED

DESIGNED: BSB  
DRAWN: JER  
CHECKED: GJM  
DESIGN GROUP: E, F  
REVIEWED: D, L, C, S, K, G  
APPROVED: D, P, D

1 INCH WHEN PRINTED FULL SIZE

CONCEPTUAL DESIGN BUILD PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT. THE COST GUARD WILL BE NOTIFIED OF ANY CHANGES THAT MAY IMPACT THE NAVIGATIONAL WATERWAY.



**NOTE:**  
 ELEVATIONS ARE SHOWN IN DECIMAL, FEET, AND IN DATUM: NAVD 1988.



DATE	REVISIONS

DRAWING NO. 35-0002  
 BRIDGE SHEET 2 OF 5

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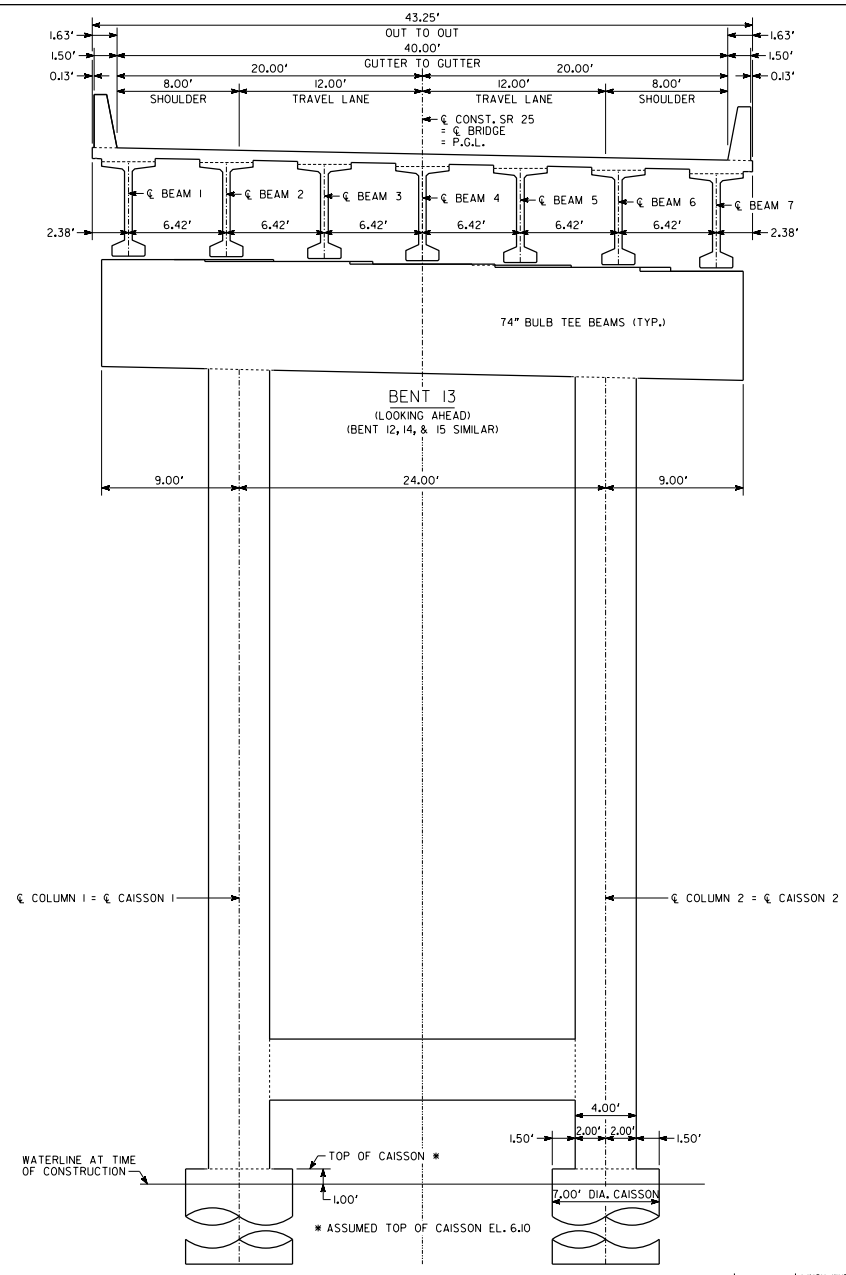
PLAN & ELEVATION - SPANS 11 THRU 14  
 SR 25 OVER SAVANNAH RIVER (MP 21.5)  
 PORT WENTWORTH, CHATHAM COUNTY, GA. 0013741

SCALE: 1" = 20'-0"  
 JULY 19, 2022

DESIGNED: BSB	CHECKED: GJM
DRAWN: BRM	DESIGN GROUP: E_JF
REVIEWED: DLG/SKG	APPROVED: DPD

CONCEPTUAL DESIGN BUILD PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT. THE COST GUARD WILL BE NOTIFIED OF ANY CHANGES THAT MAY IMPACT THE NAVIGATIONAL WATERWAY.

**GD&T** P.J. NO. 0013741



8/1/2022

8/1/2022

0013741\_06



BRIDGE NO. 1

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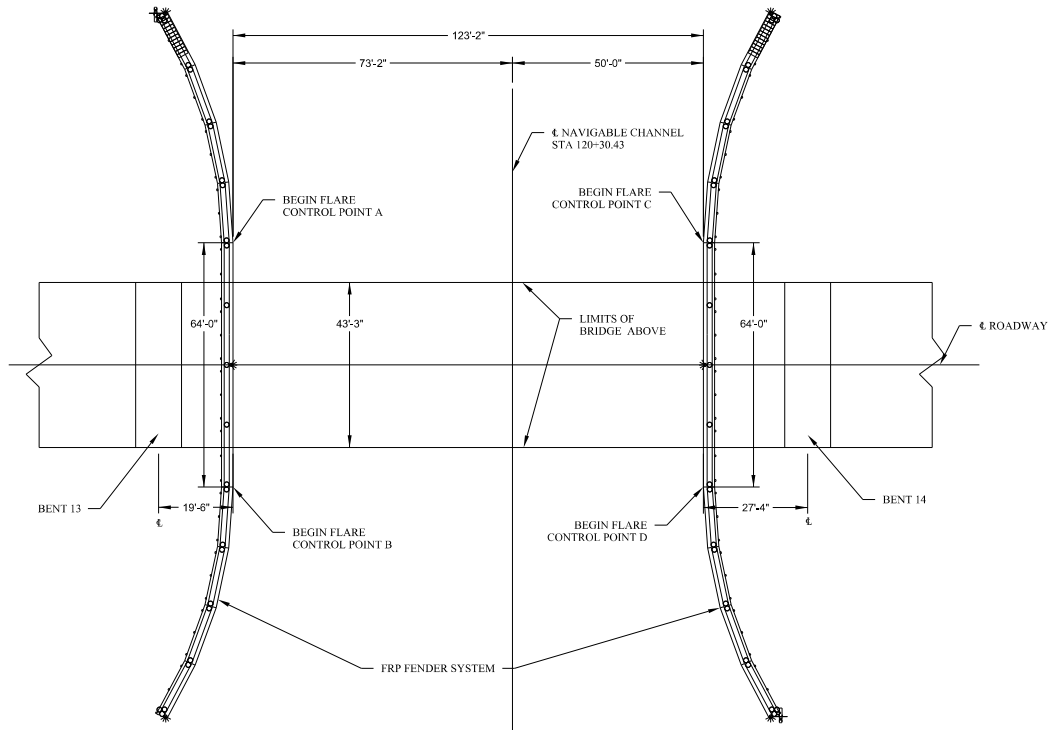
TYPICAL SECTION (SPANS 8-11 & 15-18)  
 SR 25 OVER SAVANNAH RIVER (MP 21.5)  
 PORT WENTWORTH, CHATHAM COUNTY, GA. 0013741

SCALE: 1/4" = 1'-0" JULY 19, 2022

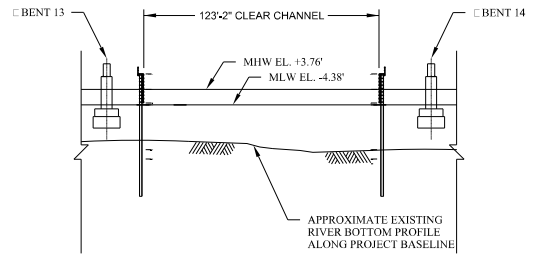
DRAWING NO. 35-0003	DESIGNED: BSB	CHECKED: CJM	REVIEWED: DLC/SKG
BRIDGE SHEET 3 OF 5	DRAWN: BSB	DESIGN GROUP: E, F	APPROVED: DPD

BY	REVISIONS	DATE

CONCEPTUAL DESIGN BUILD PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT. THE COST GUARD WILL BE NOTIFIED OF ANY CHANGES THAT MAY IMPACT THE NAVIGATIONAL WATERWAY.



**PLAN VIEW**  
SCALE: 1/32" = 1'-0"



**CHANNEL SECTION VIEW**  
SCALE: 1/64" = 1'-0"

BRIDGE NO. 1

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1770 653-9118



REVISIONS	DATE

GEORGIA  
DEPARTMENT OF TRANSPORTATION  
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

FENDER PROJECT OVERVIEW  
SR 25 OVER SAVANNAH RIVER (MP 21.5)  
PORT WENTWORTH, CHATHAM COUNTY, GA. 001374I

SCALE: AS SHOWN JULY 19, 2022

DESIGNED: AL	CHECKED: AL	REVIEWED: DLG/SKG
DRAWN: AL	DESIGN GROUP: E_JF	APPROVED: DPD

DRAWING NO. 35-0004  
BRIDGE SHEET 4 OF 5

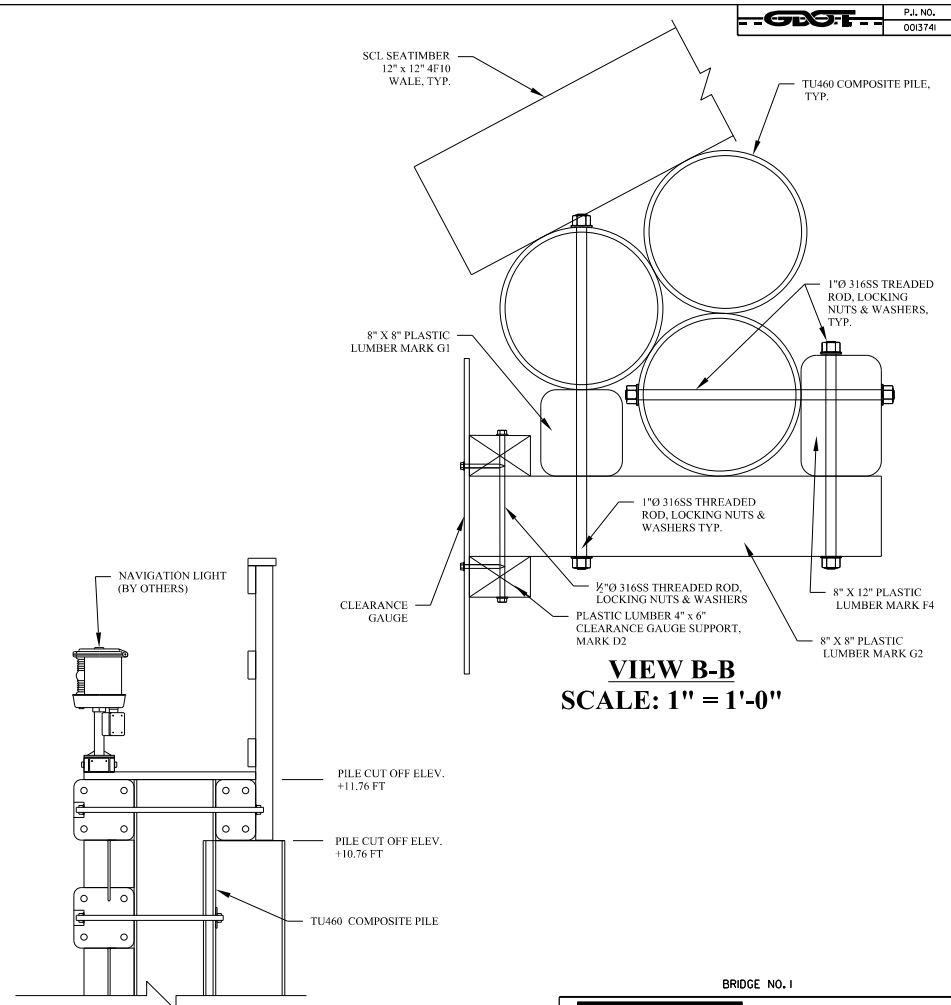
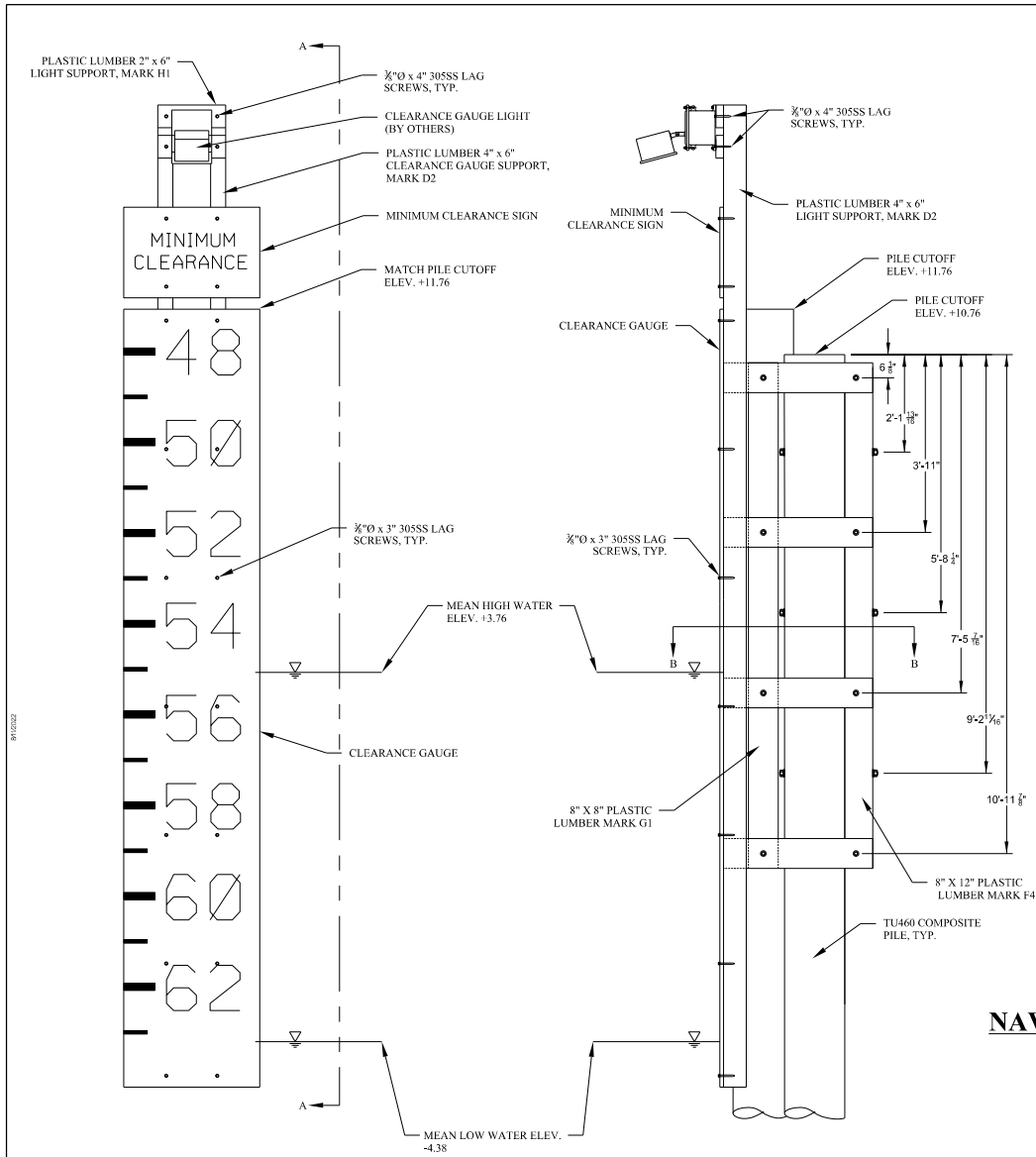
1 INCH WHEN PRINTED FULL SIZE

8/15/2022

8/15/2022

001374I\_02-01

CONCEPTUAL DESIGN BUILD PLANS UTILIZED TO OBTAIN COAST GUARD PERMIT. THE COAST GUARD WILL BE NOTIFIED OF ANY CHANGES THAT MAY IMPACT THE NAVIGATIONAL WATERWAY.



BRIDGE NO. 1

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1770 653-9118

GEORGIA  
DEPARTMENT OF TRANSPORTATION  
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

CLEARANCE SIGN DETAILS  
SR 25 OVER SAVANNAH RIVER (MP 21.5)  
PORT WENTWORTH, CHATHAM COUNTY, GA. 0013741

SCALE: AS SHOWN  
JULY 19, 2022

DRAWING NO. 35-0005	DESIGNED: AL	CHECKED: AL	REVIEWED: DLG/SKG
BRIDGE SHEET 5 OF 5	DRAWN: AL	DESIGN GROUP: E,F	APPROVED: DPD