



- █ Proposed GIWW_Bridge
- █ SR-180 Connector
- █ Waterway Blvd (Phase II)



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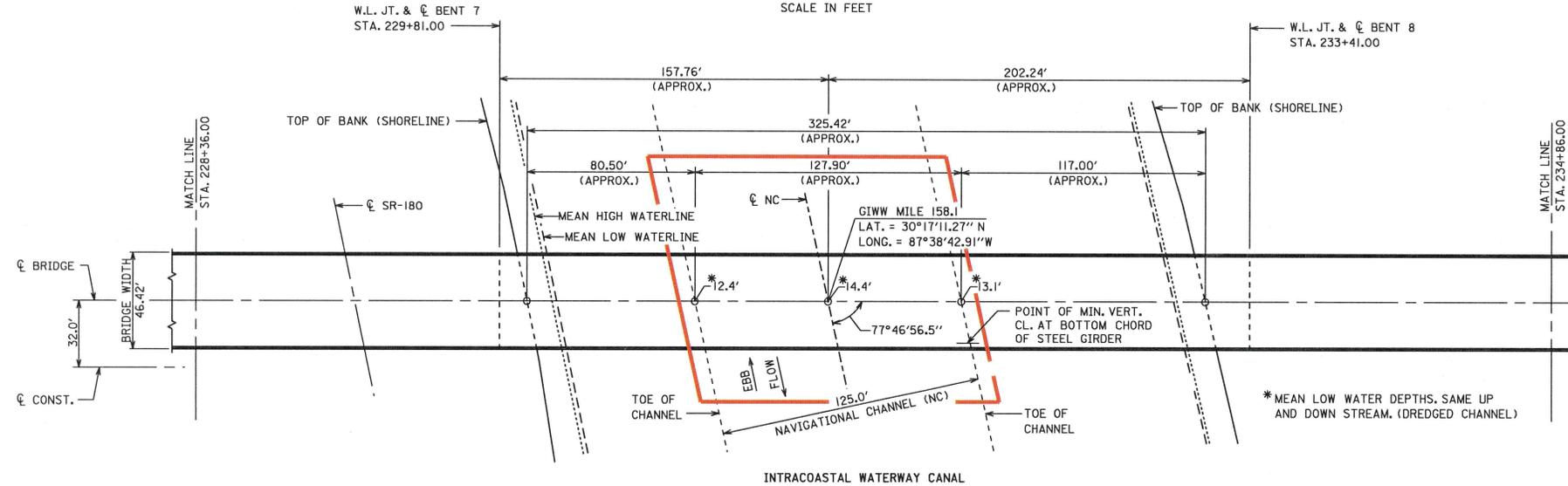
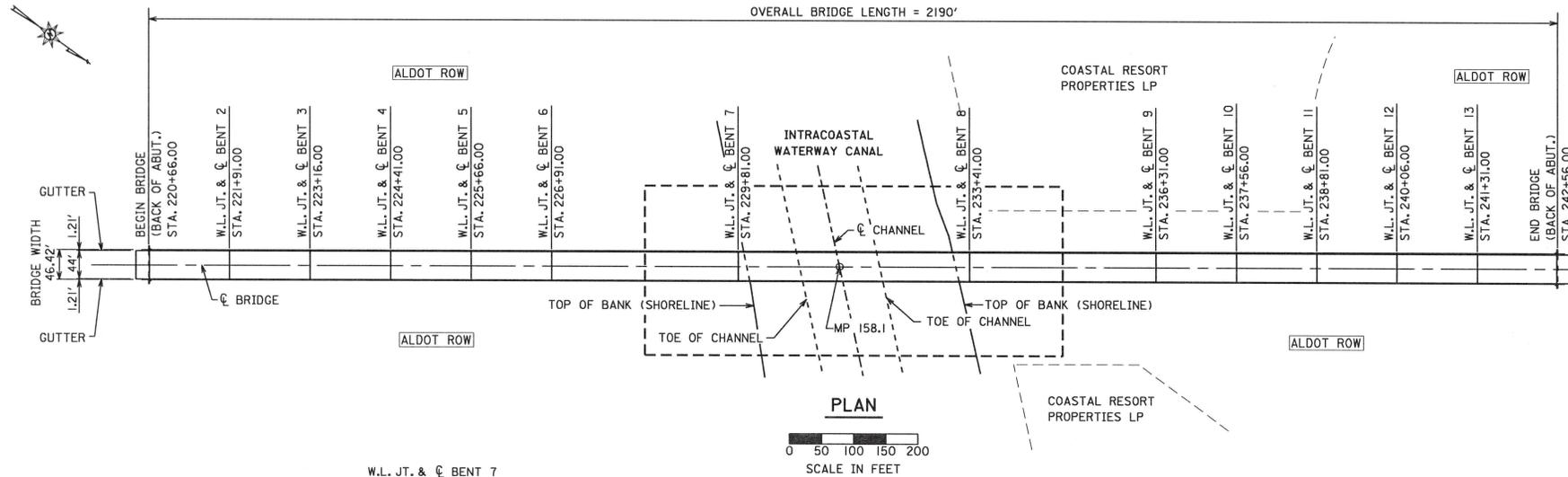
[Signature] 9/30/2020
 ASSISTANT BRIDGE ENGINEER DATE

[Signature] 9/30/2020
 STATE BRIDGE ENGINEER DATE

ALABAMA DEPARTMENT OF TRANSPORTATION

BRIDGE SHEET NO. 1 OF 4
 BIN(S) 021416
 DRAWN BY: W. HENRY
 DATE DRAWN: 9/30/2020

PROJECT NO. ST-002-000-015
 CONNECTOR FROM SR-180 TO FOLEY BEACH EXPRESS BRIDGING OVER THE INTRACOASTAL WATERWAY (STA. 220+66.0) IN ORANGE BEACH, BALDWIN COUNTY, ALABAMA [WATERWAY MILE 158.1]



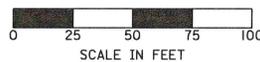
HORIZONTAL DATUM NOTE

1. STATE PLANE COORDINATE SYSTEM, 83 DATUM, WEST ZONE.

VERTICAL DATUM NOTE

1. NAVD 88 HEIGHTS UTILIZED FOR PROJECT BASED ON PRE-ADJUSTED (SUPERSEDED) VALUES ON NGS BENCHMARK P 483. MHW HEIGHT WAS DETERMINED UTILIZING GPS DERIVED HEIGHT ON TIDAL BENCHMARK 873 1439 D FROM NGS OPUS SHARE DATABASE & ADJUSTED TO PROJECT DATUM.

PARTIAL PLAN



GENERAL NOTES

1. NO DREDGING, EXCAVATION, FILL OR RIP-RAP WITHIN THE WATER WAY.
2. NO FENDER/BIDGE PROTECTION SYSTEM IS REQUIRED.

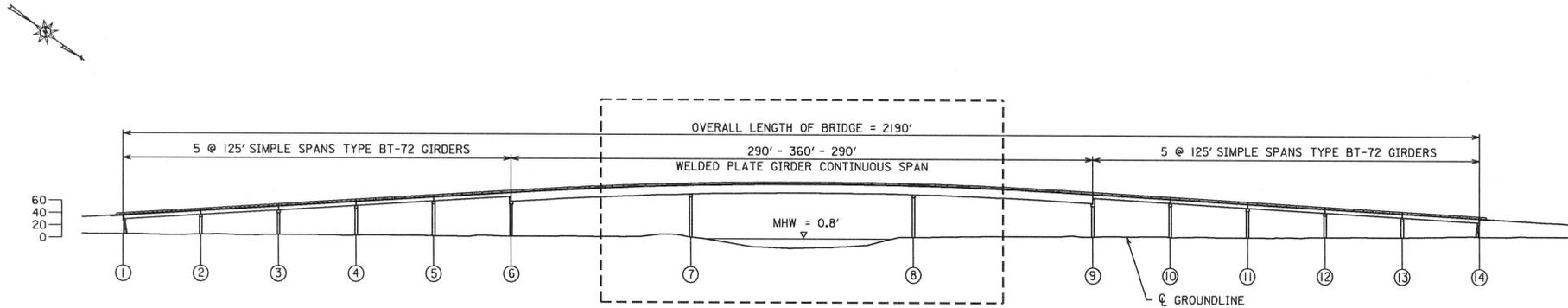
ALABAMA DEPARTMENT OF TRANSPORTATION

BRIDGE SHEET NO. 2 OF 4
 BIN(S): 021416
 DRAWN BY: M. MOCK
 DATE DRAWN: 09/30/2020

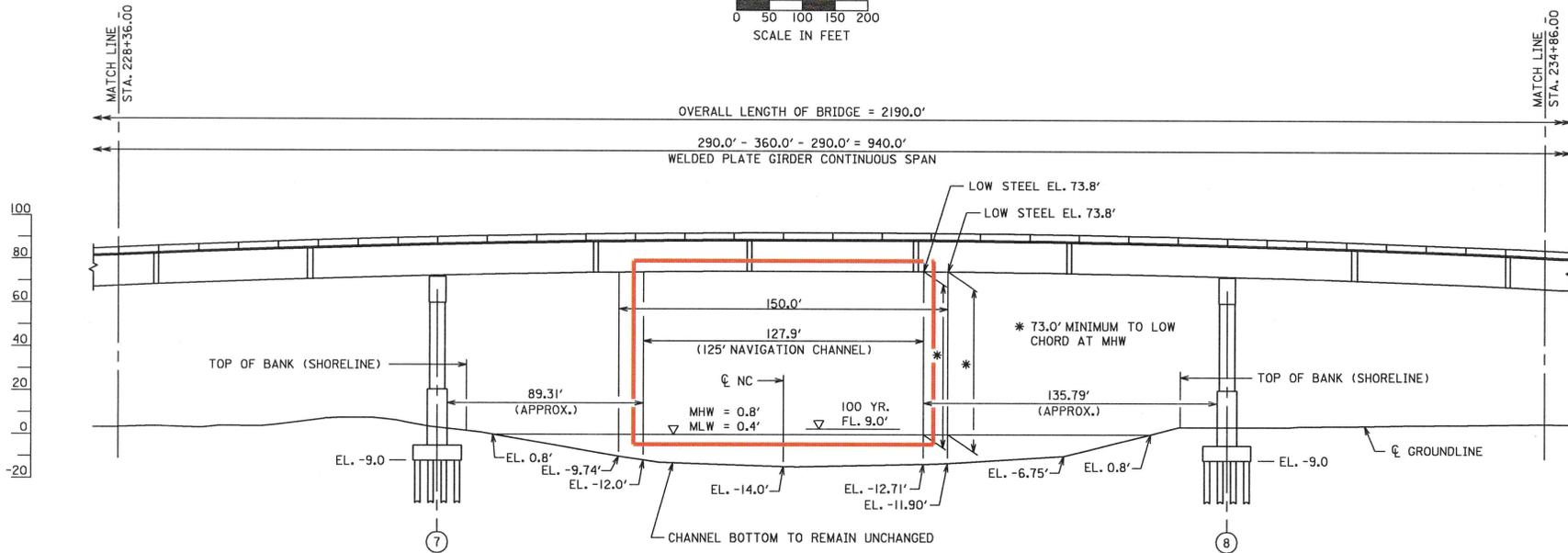
PROJECT NO. ST-002-000-015
 CONNECTOR FROM SR-180 TO FOLEY BEACH
 EXPRESS BRIDGING OVER THE INTRACOASTAL
 WATERWAY (STA. 220+66.0)
 IN ORANGE BEACH, BALDWIN COUNTY,
 ALABAMA [WATERWAY MILE 158.1]

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 ASSISTANT BRIDGE ENGINEER
 DATE 9/30/2020

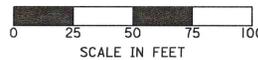
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 STATE BRIDGE ENGINEER
 DATE 9/30/2020



ELEVATION



PARTIAL ELEVATION



HORIZONTAL DATUM NOTE

1. STATE PLANE COORDINATE SYSTEM, 83 DATUM, WEST ZONE.

VERTICAL DATUM NOTE

1. NAVD 88 HEIGHTS UTILIZED FOR PROJECT BASED ON PRE-ADJUSTED (SUPERSEDED) VALUES ON NGS BENCHMARK P 483. MHW HEIGHT WAS DETERMINED UTILIZING GPS DERIVED HEIGHT ON TIDAL BENCHMARK 873 1439 D FROM NGS OPUS SHARE DATABASE & ADJUSTED TO PROJECT DATUM.

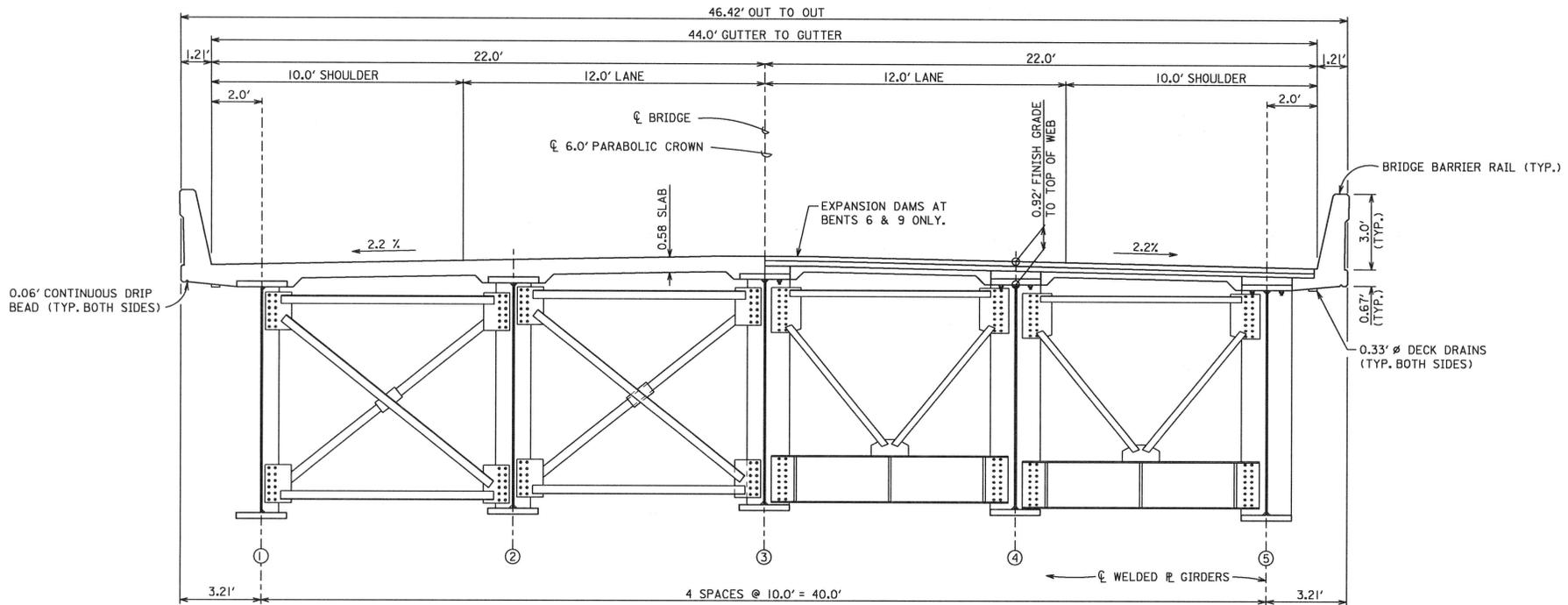
GENERAL NOTES

1. NO DREDGING, EXCAVATION, FILL OR RIP-RAP WITHIN THE WATER WAY.
2. NO FENDER/BRIDGE PROTECTION SYSTEM IS REQUIRED.
3. NO PERMANENT TRAVELER SYSTEM IS REQUIRED.

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT		
ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 3 OF 4	PROJECT NO. ST-002-000-015	
BIN(S): 021416	CONNECTOR FROM SR-180 TO FOLEY BEACH	
DRAWN BY: M. MOCK	EXPRESS BRIDGING OVER THE INTRACOASTAL	
DATE DRAWN: 09/30/2020	WATERWAY (STA. 220+66.0)	
	IN ORANGE BEACH, BALDWIN COUNTY,	
	ALABAMA [WATERWAY MILE 158.1]	

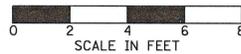
[Signature]
 ASSISTANT BRIDGE ENGINEER
 DATE 9/30/2020

[Signature]
 STATE BRIDGE ENGINEER
 DATE 9/30/2020



TYPICAL HALF SECTION

TYPICAL HALF END VIEW



GENERAL NOTES

1. NO SIDEWALKS, FISHING/PEDESTRIAN PLATFORMS, OR PIPELINES.
2. NO FENDER/BRIDGE PROTECTION SYSTEM IS REQUIRED.
3. TEMPORARY STRUCTURES/FALSEWORK ARE THE RESPONSIBILITY OF THE CONTRACTOR DURING CONSTRUCTION (UNKNOWN AT THIS TIME).

CONCEPTUAL PLANS UTILIZED TO OBTAIN COAST GUARD BRIDGE PERMIT

ALABAMA DEPARTMENT OF TRANSPORTATION

BRIDGE SHEET NO. 4 OF 4
 BIN(S): 021416
 DRAWN BY: M. MOCK
 DATE DRAWN: 09/30/2020

PROJECT NO. ST-002-000-015
 CONNECTOR FROM SR-180 TO FOLEY BEACH
 EXPRESS BRIDGING OVER THE INTRACOASTAL
 WATERWAY (STA. 220+66.0)
 IN ORANGE BEACH, BALDWIN COUNTY,
 ALABAMA [WATERWAY MILE 158.1]

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 ASSISTANT BRIDGE ENGINEER
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 STATE BRIDGE ENGINEER
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U.S. Department of
Homeland Security

United States
Coast Guard



Commander
Eighth Coast Guard District
Hale Boggs Federal Building

500 Poydras Street, Room 1313
New Orleans, LA 70130-3310
Staff Symbol: (dpp)
Phone: (504) 671-2128
Fax: (504) 671-2133
D8DPBALL@uscg.mil

October 26, 2020

PUBLIC NOTICE (4-20)

BRIDGE PERMIT APPLICATION TO CONSTRUCT A FIXED BRIDGE OVER GULF INTRACOASTAL WATERWAY, FROM SR-180 TO FOLEY BEACH EXPRESS, MILE 158.1, IN ORANGE BEACH, BALDWIN COUNTY, ALABAMA

All interested parties are notified that the Commander, Eighth Coast Guard District, has received application materials from the ALABAMA DEPARTMENT OF TRANSPORTATION (ALDOT) for approval of the enclosed location and plans to construct a fixed highway bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Gulf Intracoastal Waterway, Mile 158.1, Orange Beach, Baldwin County, Alabama.

CHARACTER OF WORK: ALDOT proposes to construct a new bridge across the Gulf Intracoastal Waterway (GIWW), at Mile 158.1, approximately 1.1 mile west of the existing Foley Beach Express (FBE) bridge. The proposed bridge structure will carry a 2-lane new roadway, providing an additional north/south connector over the GIWW. The structure will utilize welded steel plate girders to provide a 360' span over the GIWW. The bridge will consist of a 12' travel lane and 10' shoulder in each direction. An additional 2.42' will be required for barrier rails to yield a total structure width of 46.42'.

ALDOT submits that the proposed bridge would be a clear span of the GIWW with no support structures in the waterway. The bridge project is part of a two-phased transportation project. In the first phase of the project, road infrastructure would connect the bridge to SR-180 to the south and the Foley Beach Express to the north. Phase two of the project would focus on improving the existing Waterway East Boulevard (WEB) lateral connection extending easterly from existing State Road 59 (SR-59) to the north-south connector road between SR-180 and FBE.

ALDOT submits that the purpose of the project is to help alleviate congestion on Alabama Highway 59 from high tourist season and special event related traffic volumes by providing alternate access to Interstate 10 to and from Gulf Shores, including parts of Gulf Shores south of the GIWW, via the Foley/Baldwin Beach Express. With a clear span bridge over the GIWW, the proposed project would provide an alternate means of access between the island and mainland Baldwin County should the supports of one of the existing bridges be affected by a vessel strike, necessitating a full closure of the bridge until a full structure safety inspection is conducted.

The project would also improve community connectivity to regional resources including the Jack Edwards National Airport and the adjacent Gulf Shores Business and Aviation Park located

north of existing Waterway East Boulevard and east of Alabama Highway 59. The project would also improve connectivity to a planned Gulf Shores Education Campus that would be located northwest of the intersection created on the FBE by construction of the proposed project. ALDOT also indicates that the project would provide an additional northbound route that may help facilitate hurricane evacuation from the Gulf Shores and Fort Morgan areas.

MINIMUM NAVIGATIONAL CLEARANCES:

Proposed:

Vertical: 73.5' feet above Mean High Water,
elevation 0.8 feet

Horizontal (normal to the axis of the channel): 325' clear channel

ENVIRONMENTAL CONSIDERATIONS: The United States Army Corps of Engineers (USACE) is the lead federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). The USACE is acting on behalf of the U.S. Coast Guard (USCG) for all environmental control laws. A final Environmental Assessment and Statement of Findings (SOF) was signed on January 3, 2020, pursuant to NEPA, as amended. The USCG has tentatively determined that the proposed action will not have a significant impact for purposes of NEPA and plans to issue a FONSI for the project. Documents are available for review electronically or at the above address, Monday through Friday by appointment from 8:00 a.m. to 4:00 p.m., subject to building rules.

The project is not considered an encroachment on the 100-year floodplain. The proposed bridge project will clear the 100-year flood elevation of 9.0 feet above Mean High Water, elevation 0.8 feet. The low steel of the bridge is 73.8 feet.

A Water Quality Certification has been granted from the Alabama Department of Environmental Management dated April 3, 2019, in accordance with Section 401 of the Clean Water Act, as amended, certifying that reasonable assurance has been furnished that the project will be conducted in compliance with water quality standards for the State of Alabama. The project is located within the Alabama Coastal Zone Management (CZM) area. The applicant has made a determination that the project is consistent with the Alabama coastal management program, and the applicant will be required to submit concurrence with this determination prior to issuance of a bridge permit.

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 navigational safety issues, including the need for clearance gauges, the need for a bridge protective system and the extent of nighttime navigation passing through the bridge to determine the need for bridge lighting, and other navigational safety issues. 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).

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 at the office of the Commander (dpb), Eighth Coast Guard District, Hale Boggs Building, 500 Poydras Street, Room 1313 New Orleans, LA 70130-3310, through November 30, 2020.

We will forward comments of an environmental nature such as those regarding wild life refuges, water fowl refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, etc. to the U.S. Army Corps of Engineers for appropriate handling.

It is requested that this information be brought to the attention of any person having an interest in this, who may not have received a copy of this public notice.

Plans of the proposed project are included in this public notice.

//s//

DOUGLAS BLAKEMORE
Chief, Bridge Administration Branch
By direction of the Commander
Eighth Coast Guard District

This is a web-searchable copy and it is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.