



8350 Eastex Freeway, Beaumont, TEXAS 77708 | 409.892.7311 | WWW.TXDOT.GOV

December 04, 2020

Doug Blakemore
Chief, Bridge Administration Branch
United States Coast Guard
Eighth Coast Guard District
500 Poydras Street
New Orleans, LA 70130

Re: Notice of Maintenance
Sabine River Bridge Maintenance
Interstate Hwy. 10
Orange, Orange County, TX.
CSJ: 0028-14-116, 0028-14-117

Dear Mr. Blakemore:

The Texas Department of Transportation (TxDOT) Beaumont District is proposing to conduct maintenance work on the Interstate Highway (IH) 10 bridge over the Sabine River. The proposed maintenance work will occur on both the eastbound and westbound lanes and there are no planned changes to the existing facility parameters. Work will consist of deck rehabilitation and require the Contractor to access the deck soffit in a snooper or work platform over the Sabine River. Minor concrete repairs to the substructure may be performed from a work barge or floating platform. Details of the work are included in the attached Notice of Maintenance for the proposed IH 10 at Sabine River Bridge Improvements/Maintenance Project in Orange, Orange County, Texas.

The Notice of Maintenance includes the bridge location, proposed work description/work plan, the proposed start and end dates of the work and the contractor information. The projects estimated start date is July 2021, with 85 total working days.

There is no known current use of this reach of the Sabine River for commerce and the waterway is primarily used by small recreational watercraft such as kayaks, canoes and other small motor boats. There is also no known significant nighttime navigation on this reach of the Sabine River.

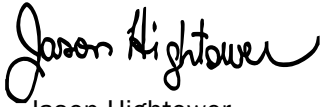
If you have any questions or need additional information, please contact Jason Hightower at 409-898-5820 or by e-mail at jason.hightower@txdot.gov. Thank you for your assistance on this project.

Doug Blakemore

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December 04, 2020

Sincerely,

A handwritten signature in black ink that reads "Jason Hightower". The signature is written in a cursive, flowing style.

Jason Hightower
Environmental Specialist
Texas Department of Transportation – Beaumont District

Notice of Maintenance Required Information

- Name of the person or bridge owner proposing the project.

Andrew Lee – TxDOT PROJECT MANAGER, (409) 898-5741

andrew.lee@txdot.gov

Texas Department of Transportation

Beaumont District

8350 Eastex Freeway

Beaumont, TX 77708

- Name of the contractor or consultant designated to represent the bridge owner (if any).

The contractor has not been selected as of yet, but once designated, the contractor must adhere to the workplan established in this Notice of Maintenance information. Any changes to the work plan and schedule will not proceed until the United States Coast Guard (USCG) has been informed and has granted approval to proceed.

- Name and location of the bridge. (Please reference the attached project location map)

Structure ID 20-181-0-0028-14-243, 20-181-0-0028-14-244

Feature: Crosses Sabine River

Facility Carried: I-10

Location 2.40 Miles East of SH 87

CSJ: 0028-14-116, 0028-14-117

Yr Built 2002

Design Load

Bridge structure: 20-181-0-0028-14-243 Design Load: HS 20

Bridge structure: 20-181-0-0028-14-244 Design Load: HS 20

Total No Spans 39

Str Lgth 5007.00

Yr Reconstr 0

Structure_number 20-181-0-0028-14-243, 20-181-0-0028-14-244

GPS_Latitude 30.12

GPS_Longitude -93.71

- Description of the proposed work.

The TxDOT Beaumont District is proposing maintenance work on the IH 10 at Sabine River Bridge. in Orange County, Texas. The maintenance activities include precast concrete deck panel (PCP) deck bedding repairs on the south half of the I-10 westbound bridge and concrete deck (PCP) repairs and steel repairs on the north half of the I-10 westbound main lane bridge. Also, concrete deck (PCP) repairs will be performed on the north half of the I-10 eastbound main lane bridge and concrete deck (PCP) repairs and steel repairs on the south half of the I-10 eastbound main lane

Notice of Maintenance Required Information

bridge. The PCP deck repairs will require the Contractor to access the deck soffit in a snoopers or work platform over the Sabine River within the envelope of the main channel. Missing steel diaphragm bolts will be replaced between girders 3 and 4 of the westbound bridge. Minor concrete repairs to the substructure are included on the west abutment and Bents 20 and 21 in the main channel of the Sabine River; these repairs may be performed from a work barge or floating platform. No divers will be required.

- If the proposed work reduces the bridge's vertical or horizontal clearance – the reduction to each clearance measured in feet.

The maintenance activities will not impact the vertical/horizontal clearance. The temporary suspended work platform/snooper, located below low chord, is 10' wide with a vertical clearance of 42' at MSL. The temporary work barge, when in use, will be located outside of the fender of Bent 20 or 21 and have a 219' horizontal clearance between the floating platform and the fender located on the opposite side of the channel. When the barge/floating platform is not in use, it will be parked outside of the main channel, behind Bent 20 or 21. The Contractor is not permitted to attach the floating platform to the existing bridge bent. A location map and plans for the proposed bridge are attached.

- If the proposed work reduces the bridge's vertical or horizontal clearance – the specific dates and times that are needed for the reduction.

The proposed bridge project does not impact the bridge's vertical or horizontal clearance. The projects estimated start date is July 2021, with 85 total working days. The work week will be Monday-Saturday, and the work day 7 am to 7 pm.

- If a drawbridge - the dates and times of the proposed changes to the drawbridge operating schedule that are listed in 33 CFR 117.

The proposed project is not a drawbridge.

- If a drawbridge – a copy of bridge tender logs that provide information on the number of bridge openings.

The proposed project is not a drawbridge.

- The availability of alternate waterway routes that can be used by vessels during bridge closures.

No restrictions or closures of the waterway are needed for this proposed bridge project. The temporary work barge, when in use, will be located outside of the fender of Bent

Notice of Maintenance Required Information

20 or 21 and have a 219' horizontal clearance between the floating platform and the fender located on the opposite side of the channel.

- Length of time, days of the week, and hours of the day the work will be performed.

The projects estimated start date is July 2021, with 85 total working days. The work week will be Monday-Saturday, and the work day 7 am to 7 pm.

- Any anticipated waterway restrictions or closures that are needed to support the project.

No restrictions or closures on the waterway are needed for this proposed bridge project.

- If vessels or barges are being used – the type and size of each vessel and barge.

The type and size of a potential work barge or floating platform is currently unknown.

- If any – the location of temporary structures including mooring structures, anchorages, pilings, navigation safety aids needed during the project.

No temporary structures will be required for this proposed project.

- Plans to demobilize equipment each day - whether equipment will be removed from the site or the navigational channel at the end of every workday, lighting requirements for equipment at night, emergency contact information for vessels and barges.

Construction equipment and materials will be demobilized at the end of each working day. Lighting requirements for equipment are not necessary as work will not occur at night. When the barge/floating platform is not in use, it will be parked outside of the main channel, behind Bent 20 or 21. The Contractor is not permitted to attach the floating platform to the existing bridge bent. A location map and plans for the proposed bridge and equipment storage areas are attached. Emergency contacts will be listed once a Contractor is selected.

- Steps taken to minimize adverse impacts to vessels, navigation and the navigation channel.

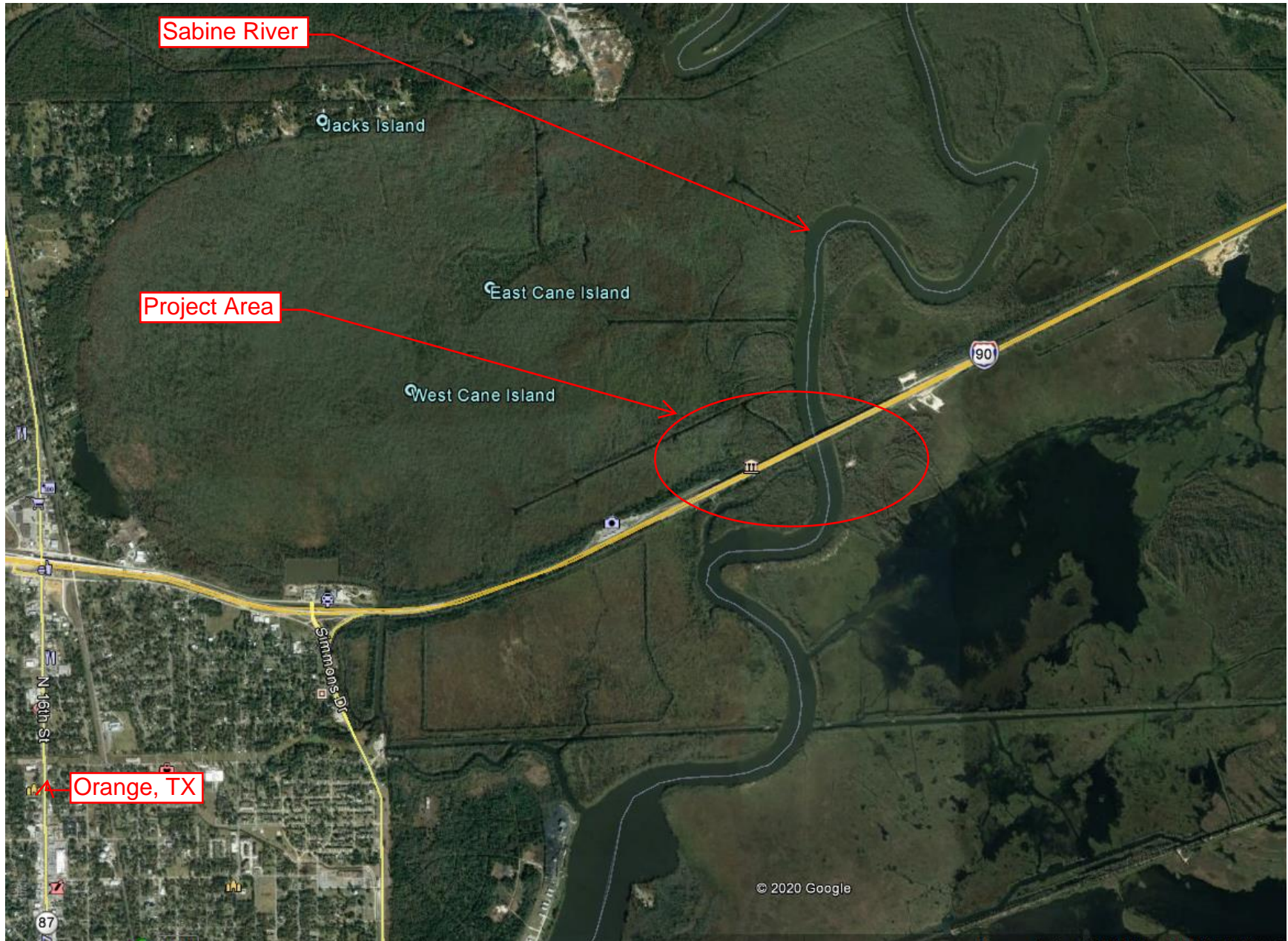
The proposed bridge project is a maintenance type project. The proposed project will utilize safety precautions and SW3P BMPs to minimize adverse impact to the waterways from storm water. The temporary work barge, when in use, will be located outside of the fender of Bent 20 or 21 and have a 219' horizontal clearance between the floating platform and the fender located on the opposite side of the channel.

Notice of Maintenance Required Information

- Contact information for the person(s) in charge of construction activities, such as 24-hour phone number, email, and mailing address.

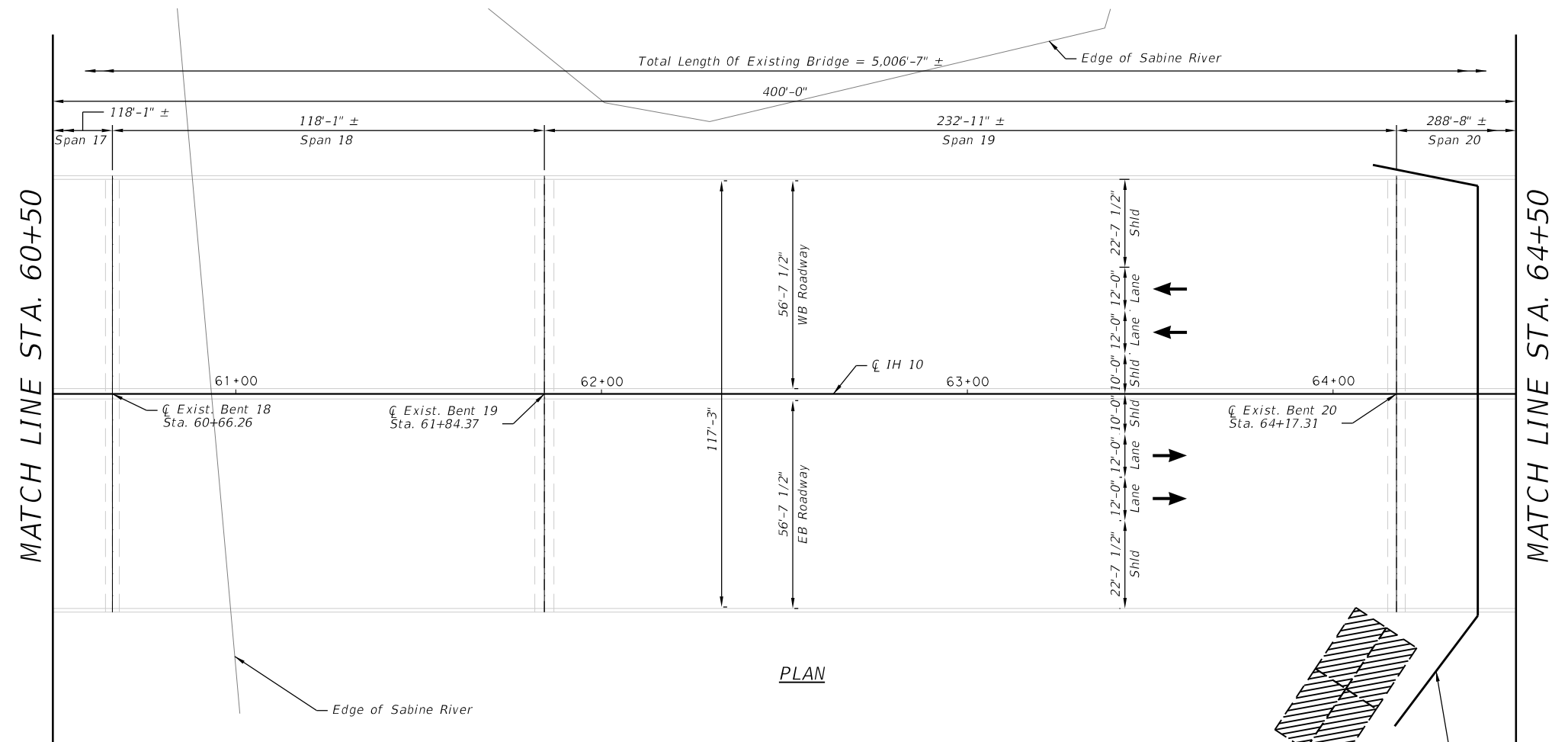
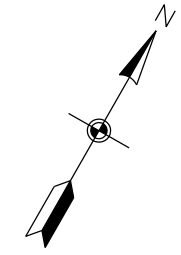
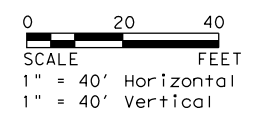
The contractor has not been selected as of yet, but once designated, the contractor must adhere to the workplan established in this Notice of Maintenance information. Any changes to the work plan and schedule will not proceed until the United States Coast Guard (USCG) has been informed and has granted approval to proceed.

CSJ 0028-14-116, etc, (CSJ 0028-14-117)
Bridge Maintenance, I-10 East/West Bound @ Sabine River
Google Earth Image Retrieved November 24, 2020
Orange County, TX
Project Location Map



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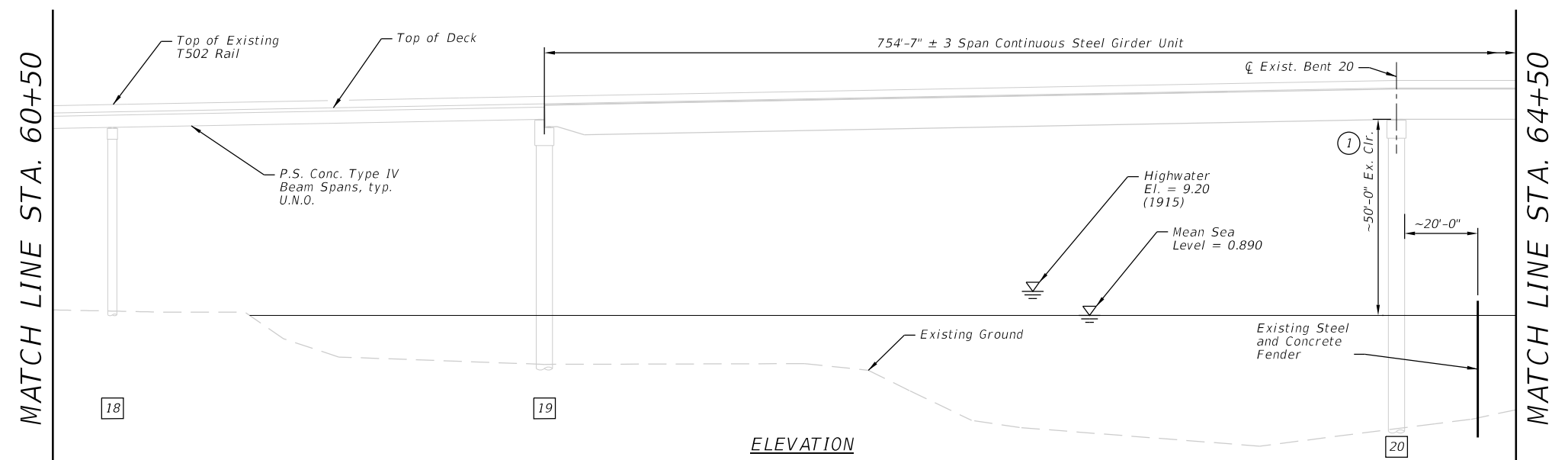
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PLAN

Suggested temp. work barge storage location when not in use. Contractor is not permitted to attach to existing bridge bent.

Existing Steel and Concrete Fender



ELEVATION

SEE NEXT SHEET FOR HORIZONTAL AND VERTICAL CLEARANCES TO THE WATER

General Notes:

1. All quantities shown to be field verified prior to ordering material.
2. Apply penetrating concrete surface treatment to all exposed surfaces of the bridge deck and railings after deck repairs are complete.
3. Existing NBI Numbers:
Eastbound: 20-181-0-0028-14-243
Westbound: 20-181-0-0028-14-244
4. Contractor shall ensure no construction debris enters the waterway. Contractor shall coordinate work over the water with the U.S. Coast Guard before starting work.

12/3/2020

TEXAS REGISTERED ENGINEERING FIRM P-3557



500 W. 7th ST. SUITE 1100
FORT WORTH, TX 76102
(817) 339-8950
TX ENG FIRM NO. 3557



IN-WATER EXHIBIT
SABINE RIVER BRIDGES
IH-10

STA 60+50.00 TO STA 64+50.00

SCALE: 1" = 40' SHEET 1 OF 2

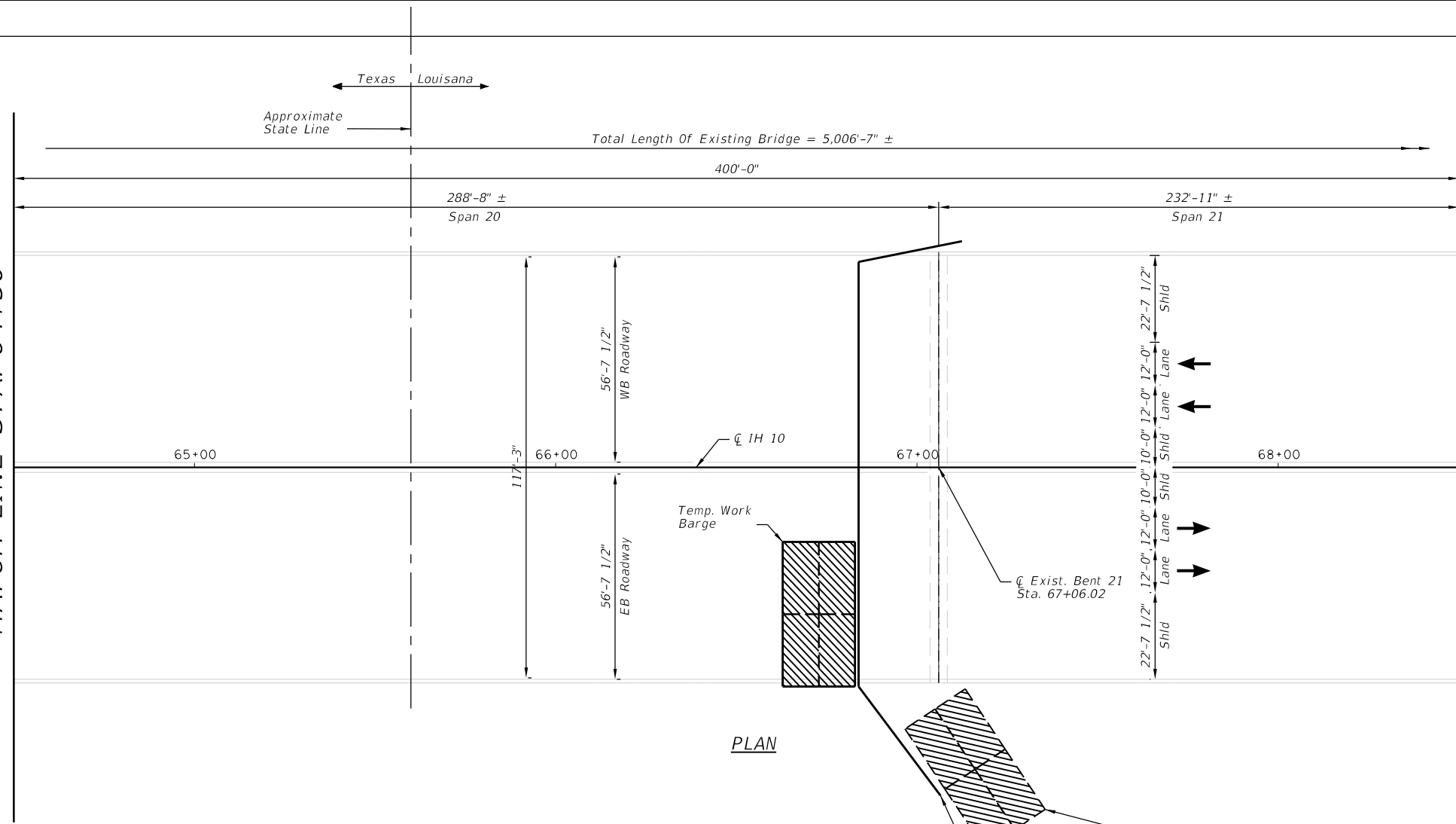
DESIGN AG/CH	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
JEM	6	SEE TITLE SHEET		IH10, ETC
CHECK KMA	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK PGN	TEXAS	BMT	ORANGE, ETC.	1
	CONTROL	SECTION	JOB	
	0028	14	116, ETC.	

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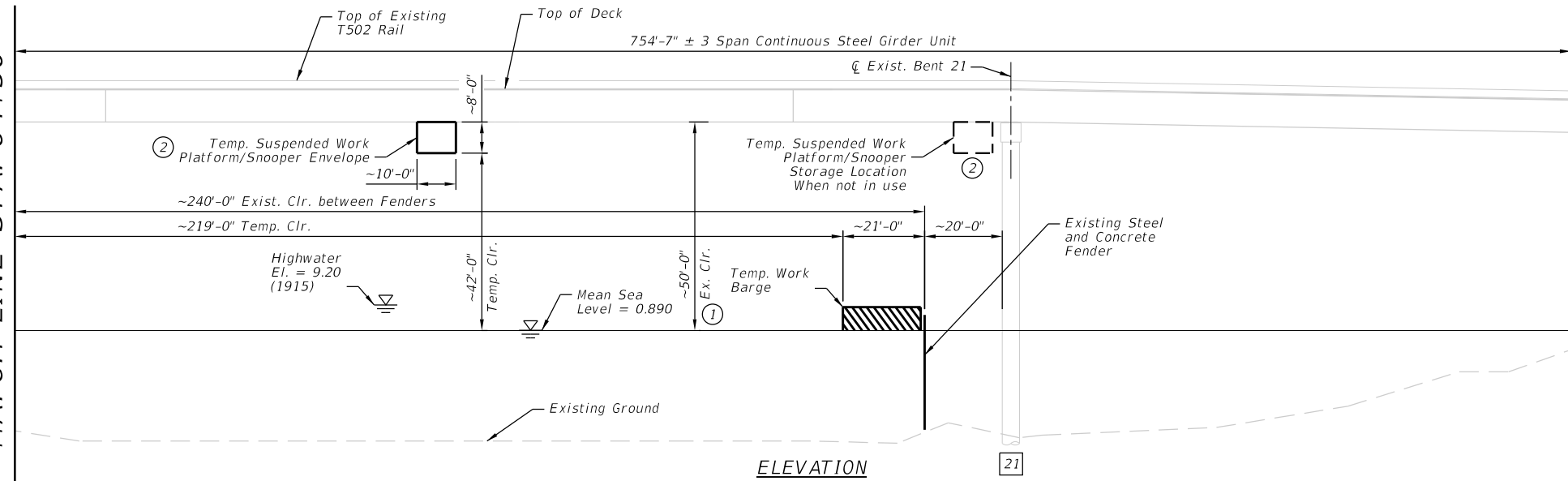
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MATCH LINE STA. 64+50

MATCH LINE STA. 64+50



PLAN



ELEVATION

- ① Per the original design plans
- ② Can be relocated closer to bent when not in use

MATCH LINE STA. 68+50

MATCH LINE STA. 68+50

General Notes:

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3. Existing NBI Numbers:
Eastbound: 20-181-0-0028-14-243
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4. Contractor shall ensure no construction debris enters the waterway. Contractor shall coordinate work over the water with the U.S. Coast Guard before starting work.

12/3/2020

TEXAS REGISTERED ENGINEERING FIRM P-3557



500 W. 7th ST. SUITE 1100
FORT WORTH, TX 76102
(817) 339-8950
TX ENG FIRM NO. 3557



IN-WATER EXHIBIT
SABINE RIVER BRIDGES
IH-10

STA 64+50.00 TO STA 68+50.00

DESIGN AG/CH	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
GRAPHICS	6	SEE TITLE SHEET		IH10, ETC
JEM	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK KMA	TEXAS	BMT	ORANGE, ETC.	2
CHECK PGN	CONTROL	SECTION	JOB	
	0028	14	116, ETC.	