



8350 EASTEX FWY, BEAUMONT, TEXAS 77708 | 409.892.7311 | WWW.TXDOT.GOV

June 16, 2020

Mr. Hector Garcia, P.E.
Bridge Engineer
FHWA – Texas Division
300 E 8th Street, Rm 826
Austin, Texas 78701

Re: SH 124 N Fork Taylor Bayou Replacement, Jefferson County, Texas, CSJ: 0368-02-XXX
NBI #201240036802027

Dear Mr. Garcia:

The Texas Department of Transportation (TXDOT) is requesting an exception from the United States Coast Guard (USCG) bridge permitting requirements for the proposed SH 124 bridge replacement over the North Fork Taylor Bayou bridge in Jefferson County, Texas. The existing bridge is 140' long and 46' wide. TXDOT is also requesting a bridge lighting exemption.

There is currently no navigational lighting on the existing bridge and no night time boat traffic utilizes the waterway. Please provide concurrence that this project is exempt from bridge lighting requirements.

The proposed project includes replacing the existing bridge and constructing a 260' bridge. The proposed bridge consists of 4 - 50' spans and 1 - 60' span. TXDOT is currently working with Jefferson County Drainage District 6 (DD6) to have the schematic completed with PS&E to follow.

North Fork Taylor Bayou is a non-tidal tributary of Taylor Bayou. Taylor Bayou has a salt water barrier approximately 22.2 channel miles downstream of the proposed SH 124 bridge replacement project. Additionally, the upstream structures at IH-10 are currently undergoing replacement. The replacement of the bridge on SH 124 is not anticipated to have any effects, adverse or otherwise on the waterway. Upstream and downstream bridges obstruct vessels larger than recreational boats from traversing Taylor Bayou.

If you have any questions, please contact me at (409) 898-5740 (email Adam.Jack@txdot.gov) or the District Bridge Engineer, Andrew Lee, P.E. by phone (409) 898-5741 (email Andrew.Lee@txdot.gov).

Sincerely,

Adam Jack
Director Transportation Planning & Development
TXDOT – Beaumont District

Attachments: USCG Bridge Project Questionnaire, Figures, and Appendices.



Commander
Eighth Coast Guard District
Hale Boggs Federal Building

500 Poydras St., Rm. 1313
New Orleans, LA 70130-3310
Staff Symbol: (dpb)
Phone: (504) 671-2128
D8DBPALL@uscg.mil

BRIDGE PROJECT QUESTIONNAIRE

Please provide the following information:

A. NAVIGATION DATA:

- 1. Name of Waterway: N Fork Taylor Bayou
- 1a. Mileage along waterway measured from mouth or confluence: 7.0 Miles to Taylor Bayou
- 1b. Tributary of: Taylor Bayou
- 2. Geographic Location: SH 124 in Fannett, Jefferson County, Texas
Lat.: 29° 54' 1.72" N Lon.: -94° 16' 11.49"
(Road Number, City, County, State) and (**Latitude and Longitude in NAD 83 form**)
- 3. Township, section and range, if applicable: N/A
- 4. Tidally influenced at proposed bridge site? Yes No .
Range of tide: N/A
Tidal data source: N/A
- 5. Depth and width of waterway at proposed bridge site:

	Depths	Widths
At Mean High Tide	<u>N/A</u>	<u>N/A</u>
At Mean Low Tide	<u>N/A</u>	<u>N/A</u>

- 6. Character of present vessel traffic on waterway (check each that apply). If none, so state: No vessels were observed nor expected (numerous obstructions, clearances, and limited access points).
Canoe Rowboat Small Motorboat Cabin Cruiser
Houseboat Pontoon Boat Sailboat.
- 6a. Provide vertical and horizontal clearance requirement for largest vessel using the waterway: N/A
- 6b. Provide photograph of each type of vessel using the waterway. No vessels were observed, but photos of potential boats are attached in the Appendix C.

7. Are these waters used to transport interstate or foreign commerce?
Yes _____ No X .
- 7a. Are these waters susceptible to use in their natural condition or by reasonable improvement as a means to support interstate or foreign commerce?
Yes _____ No X .
- 7b. Any planned waterway improvements to permit larger vessels to navigate (to your knowledge)? No If so, what are they? _____

8. Any natural or manmade obstructions, bridges, dams, weirs, etc. downstream or upstream? Yes X No _____.
- 8a. If yes, provide upstream/downstream location with relation to the proposed bridge. There are bridges upstream and downstream of the location. There is a crossing at IH-10, Craigen Rd., & Boondocks Rd. See Appendix B for photos and location info.
- 8b. If bridges are located upstream or downstream, provide vertical clearance at mean high water and mean low water and horizontal clearance normal to the axis of the channel. See Appendix B for photos and location info.
- 8c. Provide a photograph of the bridge from the waterway showing channel spans. See Appendix B for photos and location info.
9. Will the structure replace an existing bridge? Yes X No _____.
- 9a. Provide permit number and issuing agencies of permits for bridge(s) to be replaced. Impacts of the proposed bridge replacement will be covered under USACE permit. No SWG-2010-00198.
- 9b. Provide vertical clearance at mean high water and mean low water and horizontal clearance normal to the axis of the channel for the proposed bridge.
 12.2'

10. List names and addresses of persons whose property adjoins bridge right-of-way.

Mailing Address	Physical Address
Michael J. Bingham 903 Commons Way CT Huffman, TX, 77336-2991	SH 124 Beaumont, TX Property ID: 325720
Michael J. Bingham 903 Commons Way CT Huffman, TX, 77336-2991	19705 SH 124 Beaumont, TX Property ID: 141822
Michael J. Bingham 903 Commons Way CT Huffman, TX, 77336-2991	SH 124 Beaumont, TX Property ID: 141833
Mike & Cynthia Slay PO Box 2094 Winnie, TX 77665-2094	19750 SH 124 Beaumont, TX Property ID: 141836
Mike & Cynthia Slay 19750 SH 124 Beaumont, TX 77665-2094	19544 SH 124 Beaumont, TX Property ID: 141834
Jefferson County DD6 PO Box 2078 Beaumont, TX 77720-0078	SH 124, TX Property ID: 404531
Jefferson County DD6 6550 Walden Rd. Beaumont, TX 77707-5510	SH 124, TX Property ID: 141837

11. List names and addresses/location of marinas, marine repair facilities, public boat ramps, private piers/docks along the waterway within ½ mile of the bridge site. None of the listed locations were found to be located within ½ mile upstream or downstream.
12. Attach location map and plans for the proposed bridge; including vertical clearances above mean high water and mean low water and horizontal clearance normal to axis of the waterway. See Figure 1 for location map and Appendix D for proposed schematic.
13. Attach three (3) photographs taken at the proposed bridge site: one looking upstream, one looking downstream, and one looking along the alignment centerline across the bridge site. See Appendix A for the proposed bridge site.

Name of applicant: TXDOT
Name of agent completing questionnaire: Andrew Lee, P.E – Beaumont Dist. Bridge Eng.
Name of agent's firm: TXDOT
Agent's telephone number: (409) 898-5741
Address for correspondence: 8350 Eastex Fwy, Beaumont, TX 77708
Applicant's telephone number: (409) 898-5741

Date: 02/26/2020 Signature: Andrew Lee

**PLEASE NOTE: MISSING INFORMATION AND REQUIRED SIGNATURES WILL
DELAY PROCESSING**

Attachments: Figure 1: Location Map
Figure 2: Obstructions Map
Appendix A: Site Photographs
Appendix B: Obstructions Information
Appendix C: Representative photographs of vessels
Appendix D: Project Schematic
Appendix E: General Land Office Coastal Management Program Letter

ATTACHMENTS

Figures

Figure 1: Location Map

Figure 2: Obstructions Map

Appendices

Appendix A: Site Photographs

Appendix B: Obstructions Information

Appendix C: Representative Photographs of Vessels

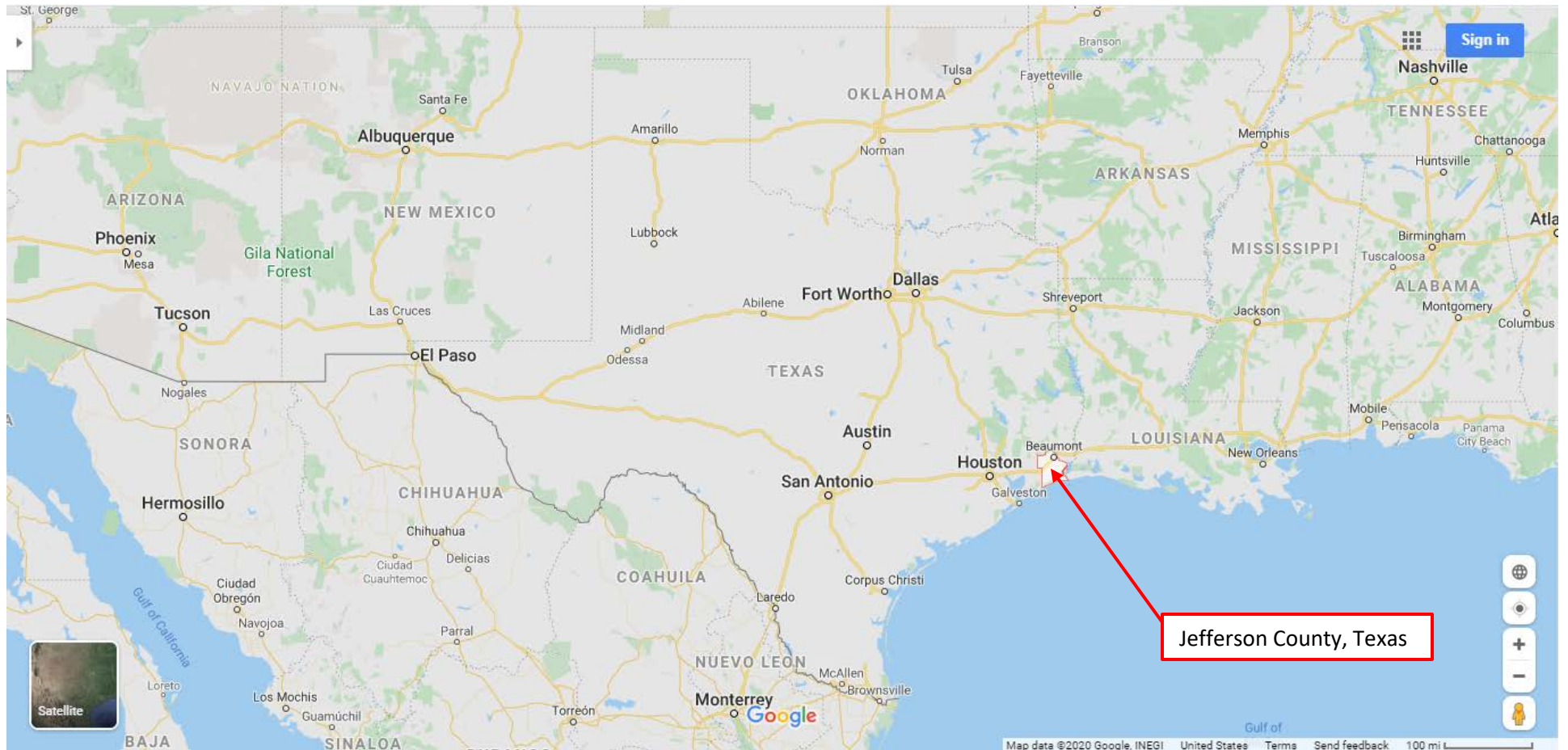
Appendix D: Project Schematic

Appendix E: General Land Office Coastal Management Program Letter

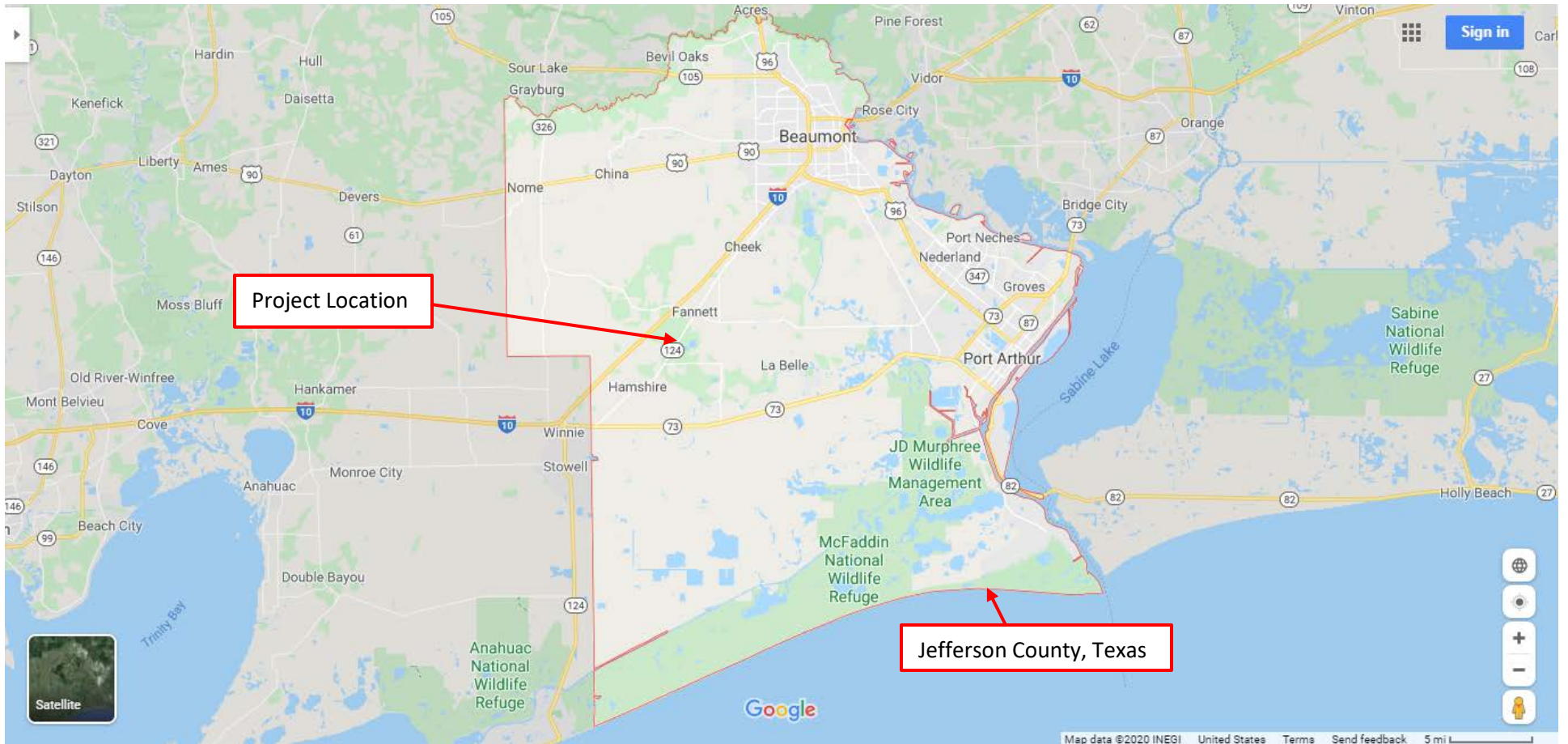
Figures

Figure 1: Location Map
Figure 2: Obstruction Map

0368-02-XXX
SH 124 @ N. Fork Taylor Bayou
Jefferson County, Texas
Project Location Maps



0368-02-XXX
SH 124 @ N. Fork Taylor Bayou
Jefferson County, Texas
Project Location Maps



0368-02-XXX
SH 124 @ N. Fork Taylor Bayou
Jefferson County, Texas
Project Location Maps





Figure 1: Location Map

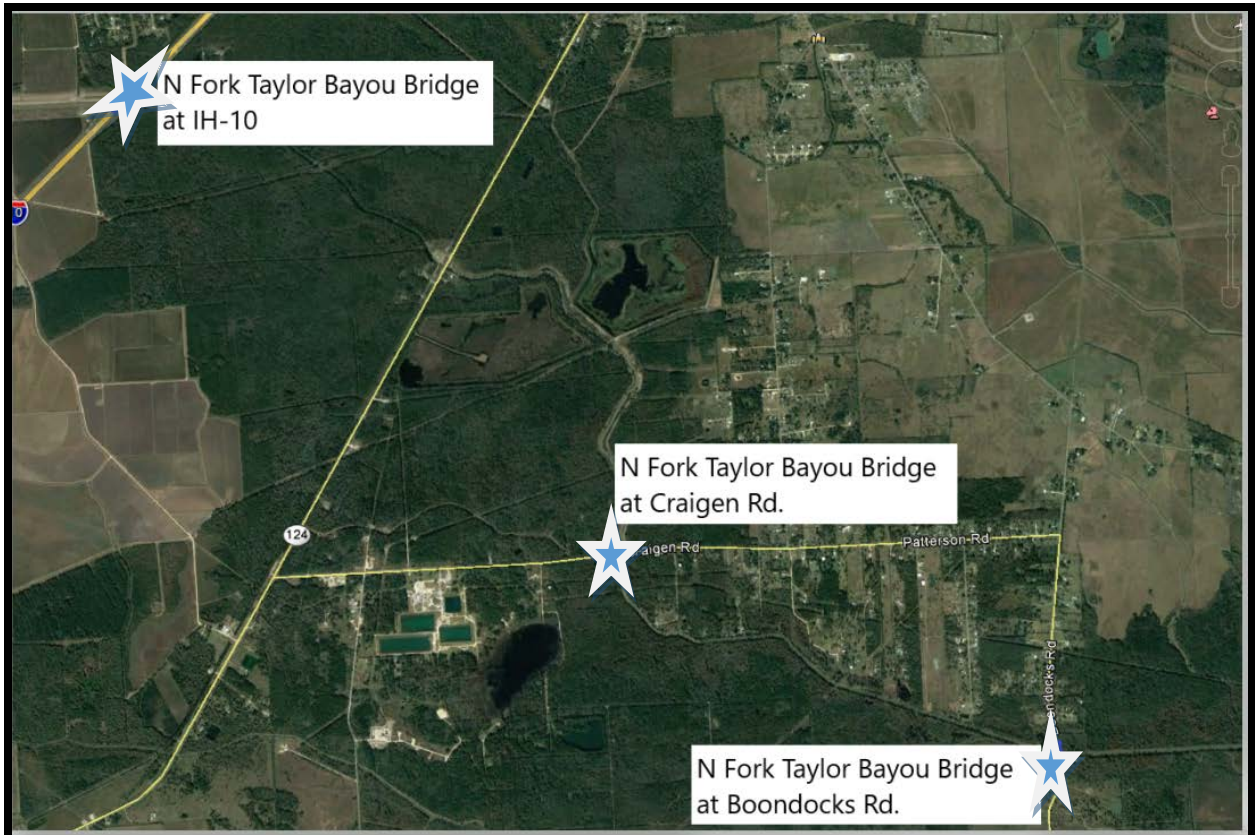


Figure 2: Obstruction Map

Appendix A:
Site Photographs



Appendix A – Photo 1: Roadway View Over Bridge (facing SW)



Appendix A – Photo 2: Upstream View From Bridge



Appendix A – Photo 3: Downstream View From Bridge

Appendix B: Obstruction Information

<u>Location</u>	<u>Obstruction</u>	<u>Distance from Proposed Bridge</u>	<u>Vertical Clearance</u>	<u>Horizontal Clearance</u>	<u>OW (Depth)</u>
UPSTREAM					
IH-10	N Fork Taylor Bayou Bridge NBI #: 201240073902023/24	1.74 MI	14 FT.	382.28 FT.	10 FT.
DOWNSTREAM					
Craigen Rd.	N Fork Taylor Bayou Bridge NBI #: 201240AA0261001	2.03 MI	9 FT.	330 FT.	2.03 FT.
Boondocks Rd.	N Fork Taylor Bayou Bridge NBI #: 201240AA0266001	4.42 MI	8 FT.	160 FT.	1.64 FT.

Appendix B: Obstruction Data



Appendix B – Photo 1: Chanel Spans of N Fork Taylor Bayou at IH-10



Appendix B – Photo 2: Downstream view of N Fork Taylor Bayou from bridge at IH-10



Appendix B – Photo 3: Upstream view of N Fork Taylor Bayou from bridge at IH-10



Appendix B – Photo 4: Chanel Spans of N Fork Taylor Bayou at Craigen Rd.



Appendix B – Photo 5: Upstream view of N Fork Taylor Bayou from bridge at Craigen Rd.



Appendix B – Photo 6: Downstream view of N Fork Taylor Bayou from bridge at Craigen Rd.



Appendix B – Photo 7: Chanel Spans of N Fork Taylor Bayou at Boondocks Rd.



Appendix B – Photo 8: Upstream view of N Fork Taylor Bayou from bridge at Boondocks Rd.



Appendix B – Photo 9: Downstream view of N Fork Taylor Bayou from bridge at Boondocks Rd.

Appendix C

Representative Photographs of Vessels



Appendix C – Photo 1: Example of a canoe that could be potentially be present.

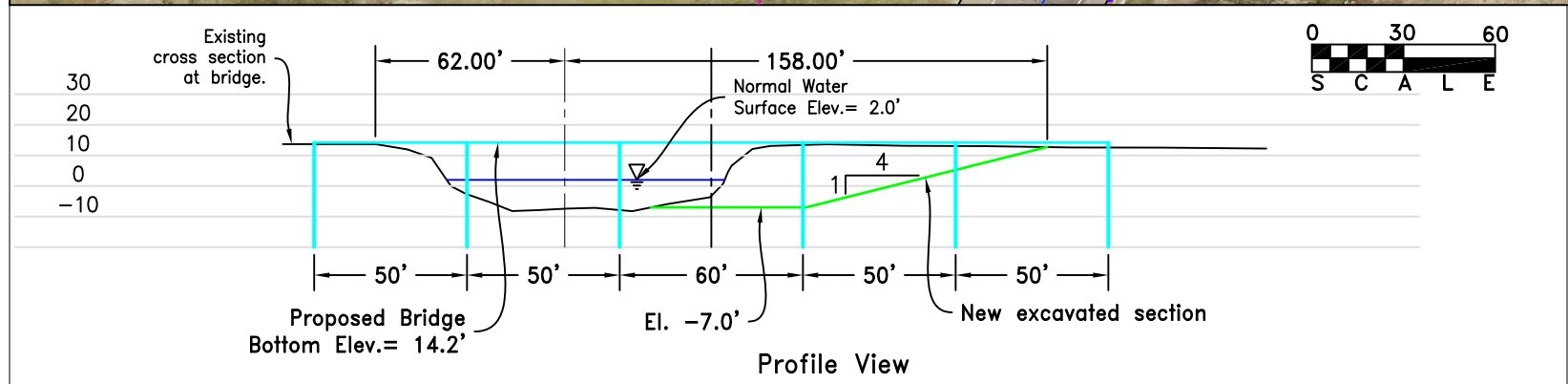
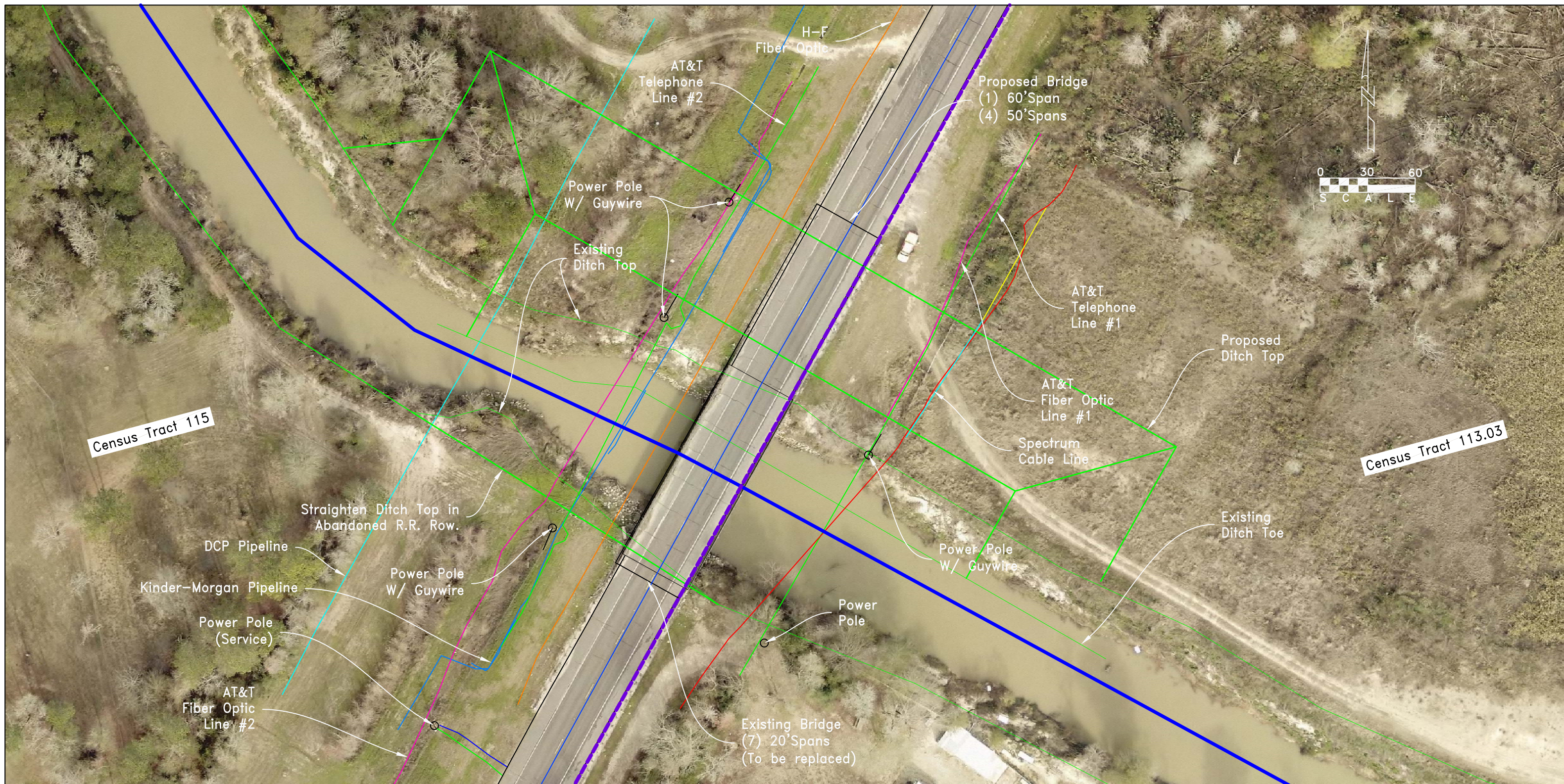


Appendix C – Photo 2: Example of a rowboat that could potentially be present.



Appendix C – Photo 3: Example of a small motor boat that could be potentially be present.

Appendix D: Project Schematic



Jefferson County
 Taylor's Bayou Drainage Project
 Channel Widening, Utility Location &
 Bridge Replacement with Census Tracts
 Plan Schematic

Appendix E:
General Land Office Coastal Management Program Letter



TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

June 26, 2020

Texas Department of Transportation
118 E. Riverside Drive
Austin, Texas 78704
ATTN: Mario Mata

**Re: TXDOT Beaumont District
SH 124 Bridge Replacement over North Fork Taylor Bayou
Jefferson County, Texas
CMP#: 20-1290-F5**

Dear Mr. Mata:

Based on information provided to the Texas Coastal Management Program on the above project, it has been determined that it will likely not have adverse impacts on coastal natural resource areas (CNRAs) in the coastal zone. However, siting and construction should avoid and minimize impacts to CNRAs. If a U. S. Army Corps of Engineers permit is required, it will be subject to consistency review under the Texas Coastal Management Program.

Please forward this letter to applicable parties. If you have any questions or concerns, please contact me at (409) 741-4057 or at federal.consistency@glo.texas.gov.

Sincerely,

Allison Buchtien
Coastal Protection
Texas General Land Office