



REPLY TO  
ATTENTION OF:

DEPARTMENT OF THE ARMY  
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT  
P.O. BOX 2288  
MOBILE, ALABAMA 36628-0001

CESAM-RD-M  
PUBLIC NOTICE NO. SAM-2019-00238-RCV

March 20, 2019

JOINT PUBLIC NOTICE  
U.S. ARMY CORPS OF ENGINEERS

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF POLLUTION CONTROL

MISSISSIPPI DEPARTMENT OF MARINE RESOURCES

**PROPOSED IMPACTS FOR MAINTENANCE DREDGING OF NAVIGATIONAL CHANNELS  
OF WEST IOLA RD BAYOU AND SIDE BAYOUS, OCEAN SPRINGS, JACKSON COUNTY,  
MISSISSIPPI**

TO WHOM IT MAY CONCERN: This District has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act. Please communicate this information to interested parties.

APPLICANT: **Jackson County Board of Supervisors  
Attention Mr. Randy Bosarge  
PO Box 998  
Pascagoula, MS 39568-0998**

AGENT: **Seymour Engineering, PLLC  
Attention: Mr. Bobby Weaver  
925 Tommy Munro Drive, Suite G  
Biloxi, MS 39532**

LOCATION OF WORK AND WATERWAY: **This project proposes to perform maintenance dredging within the following navigational channels within West Iola Rd Bayou and Side bayous located approximately at Latitude 30.417626 and Longitude -88.835726. These are tidal bayou originating from the Biloxi Bay and Mississippi Sound, Ocean Springs, Jackson County, Mississippi:**

PROJECT PURPOSE: **The basic project purpose of the proposed project is the maintenance dredging for the identified navigational channels located within a residential area of the City of Ocean Springs. The U.S. Army Corps of Engineers (USACE) has initially determined this project to be water dependent.**

EXISTING CONDITIONS: **The project site is surrounded by residential areas and is located in the City of Ocean Springs. Some of the shoreline along the proposed dredge alignment has been altered by residential development, but long stretches of the shoreline is rimmed by marshes. The applicant states that dredging within these waterways has been completed in the past before permitting was required and when work was completed on bulkheads and boat houses. Siltation from storm water runoff,**

storm surge and normal wave action has reduced water depths throughout these waterways, restricting storm water runoff. Shallow water depths are impacting safe use of waterway for recreational boaters. Increasing the water depths in the bayou would restore adequate storm water runoff, safer navigation and enhanced recreational opportunities within these waterways.

**ALTERNATIVES:** The project is site specific There were no off-site alternatives considered for this project.

Dredging will be performed via mechanical equipment and barged to an approved disposal site. If required, a Sediment Testing Plan of the proposed dredge material will be prepared and submitted to the Mississippi Department of Marine Resources for review and approval. Upon approval, sediment testing shall be completed for determination of suitability for disposal in a MDMR Beneficial Use Disposal Site. If not, material may be disposed of at the Harrison County Development Commission Disposal Area C-1 located in the Industrial Seaway or at an approved upland Class I or Class II Rubbish Disposal Site or other site deemed acceptable to receive such dredge spoils.

**PROPOSED WORK:** This project proposes to perform maintenance dredging of the following navigational channels of West lola Rd Bayou and Side bayous. Total Estimated Dredge Quantities= 12,765 CY over ten years. All dredging will be performed to a - 5' ML W Depth with 3: 1 Side Slopes. The project parameters of each alignment is as follows:

- Alignment No. 1 = 2,361' Long x 30' Wide with an estimate of 5,450 CY of dredge material
- Alignment No. 2 = 170' Long x 15' Wide with an estimate of 300 CY of dredge material
- Alignment No. 3 = 440' Long x 20' Wide with an estimate of 750 CY of dredge material
- Alignment No. 4 = 80' Long x 15' Wide with an estimate of 200 CY of dredge material
- Alignment No. 5 = 220' Long x 15' Wide with an estimate of 890 CY of dredge material
- Alignment No. 6 = 385' Long x 15' Wide with an estimate of 2,200 CY of dredge material
- Alignment No. 7 = 400' Long x 15' Wide with an estimate of 2,100 CY of dredge material
- Alignment No. 8 = 190' Long x 15' Wide with an estimate of 875 CY of dredge material

**AVOIDANCE & MINIMIZATION:** There were no SAV's and Shell Fish located within the proposed dredge alignments. The proposed dredging will comply with the permitting requirement of no dredging within 10 feet of marsh grass and identified subaquatic vegetation and will not impact the shoreline marshes or other wetland habitats. If biologically sensitive areas are found in the bayou and are located close to the dredging

path, sediment silt curtains will be placed to protect the areas from siltation during dredging. If present, sensitive areas will be located and clearly marked before work commences. The applicant states that minimization of will be carried out by use of best management practices The USACE has not verified the accuracy or adequacy of the applicant's avoidance and minimization at this time.

**MITIGATION: Wetlands will not be impacted by this project; therefore, no mitigation is proposed. Further mitigation may be required, if applicable. The U.S. Army Corps of Engineers (USACE) has not verified the adequacy of this mitigation proposal at this time.**

The applicant has applied for certification from the State of Mississippi in accordance with Section 401(a)(1) of the Clean Water Act, and upon completion of the required advertising, a determination relative to certification will be made by the Mississippi Department of Environmental Quality.

The National Register of Historic Places (NRHP) will be consulted for properties listed in or eligible for the National Register, which would be affected by the proposed work. Copies of this notice are being sent to the State Historic Preservation Officer (SHPO) and the U.S. Department of the Interior, National Park Service, and Division of Archeological Services for further consultation and comments. Previous investigations for the facility have determined that no properties are listed in or eligible for listing in the NRHP. In accordance with Appendix C of 33 CFR Part 325, the USACE has determined the permit area is the full area of development for the overall project footprint. The agent representing the applicant submitted a Cultural Resource Assessment of the current permit review area to the Mississippi Department of Archives and History (MDAH) for review. Copies of this public notice are being sent to the SHPO.

**ENDANGERED SPECIES: Preliminary review of this application and the U.S. Department of the Interior List of Endangered and Threatened Wildlife and Plants indicate the proposed activity may require additional coordination with the U.S. Fish and Wildlife Service (FWS). The following federally listed species that could potentially occur or be occupied by the West Indian Manatee, Piping Plover, Red Knot, Wood Stork, Dusky gopher frog, Mississippi Sandhill Crane, Alabama Red Bellied Turtle, Gopher Tortoise, Gulf Sturgeon, Loggerhead Sea Turtle, or other Federally listed species that may occur temporarily or otherwise in coastal Mississippi. A survey was conducted along both shorelines of the bayou and around the internal marsh islands which are located within the bayou. There were no live Shell Fish located within the proposed dredge alignments. Additional coordination will be performed with the FWS on the proposed project.**

This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the USACE can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the

reasons for support or opposition. The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources.

The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, protected species, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and in general, the needs and welfare of the people.

The USACE is soliciting comments from the public; Federal, State and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers (USACE) to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act.

Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held for consideration of this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing.

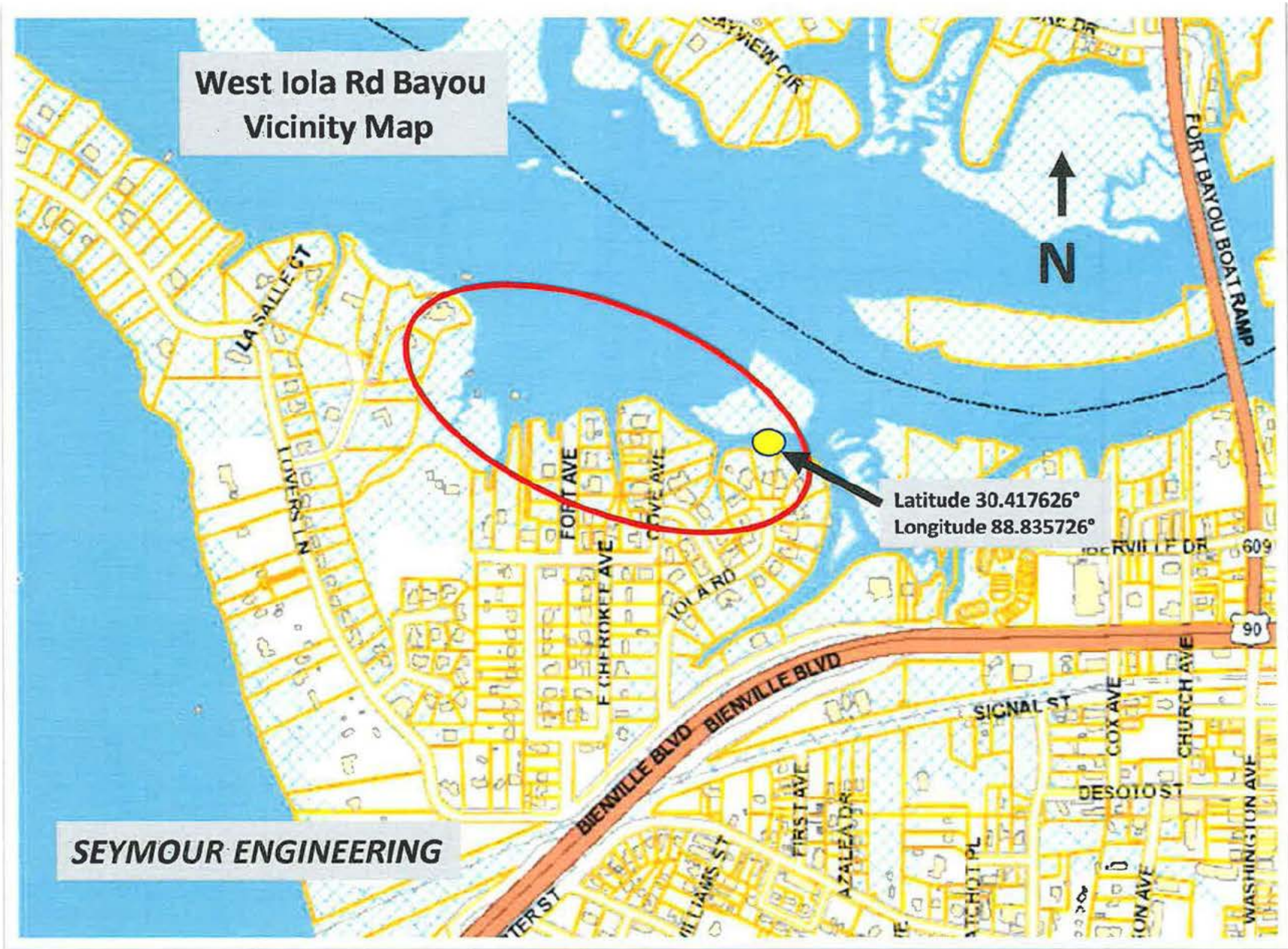
Correspondence concerning this Public Notice should refer to Public Notice Number **SAM-2019-00238-RCV** and should be directed to the District Engineer, U.S. Army Engineer District Mobile, Attention: **Mr. Rudolph C. Villarreal**, Post Office Box 2288, Mobile, Alabama 36628-0001, with a copy to the Mississippi Department of Environmental Quality, Office of Pollution Control, **Attention: Ms. Florance Bass, P.E.**, Post Office Box 2261, Jackson, Mississippi 39225 and the Mississippi Department of Marine Resources, **Attention: Ms. Jennifer Wilder**, 1141 Bayview Avenue, Suite 101, Biloxi, Mississippi 39530.

**All Comments should be received no later than 30 days from the date of this Public Notice.** If you have any questions concerning this publication, you may contact the project manager at (251) 690-3246, or at [rudolph.c.villarreal@usace.army.mil](mailto:rudolph.c.villarreal@usace.army.mil). Please refer to the above Public Notice number.

For additional information about our Regulatory Program, please visit our web site at [www.sam.usace.army.mil/Missions/Regulatory.aspx](http://www.sam.usace.army.mil/Missions/Regulatory.aspx).

MOBILE DISTRICT  
U.S. Army Corps of Engineers

Enclosures





**GENERAL NOTES:**

1. ALL SURVEY ELEVATIONS SHOWN REFLECT MEAN LOW WATER.
2. AERIAL IMAGERY PROVIDED BY JACKSON COUNTY GIS DEPT. AND HAS BEEN GEOREFERENCED TO RELATION TO HYDROGRAPHIC SURVEY DATA SHOWING ACTUAL RANGE DIMENSIONS. MAP USER.
3. ALL SURVEY ELEVATIONS REPRESENT CONDITIONS OF THE DREDGING AREAS AND ANY DISCREPANCIES SHOULD BE IDENTIFIED AND FIELD VERIFIED BY THE CONTRACTOR AND REPORTED TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK.
4. CONTRACTOR SHALL MINIMIZE INTERFERENCE WITH AND SHALL PERMIT SUFFICIENT SPACE FOR THE SAFE NAVIGATIONAL USE OF CHANNELS AND PASSAGES.

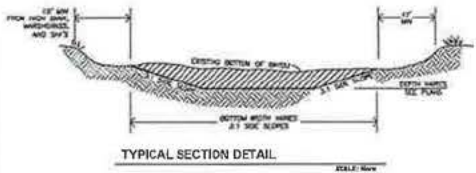


DREDGING LEGEND	
ALIGNMENT 1	= Sta. 0+00 - 23+61 x 30' @ -5.0' MLW
ALIGNMENT 2	= Sta. 0+00 - 1+70 x 15' @ -5.0' MLW
ALIGNMENT 3	= Sta. 0+00 - 4+40 x 20' @ -5.0' MLW
ALIGNMENT 4	= Sta. 0+00 - 0+00 x 15' @ -5.0' MLW
ALIGNMENT 5	= Sta. 0+00 - 2+20 x 15' @ -5.0' MLW
ALIGNMENT 6	= Sta. 0+00 - 3+85 x 15' @ -5.0' MLW
ALIGNMENT 7	= Sta. 0+00 - 4+00 x 15' @ -5.0' MLW
ALIGNMENT 8	= Sta. 0+00 - 1+90 x 15' @ -5.0' MLW
<b>TOTAL = 4,246 LF</b>	

SAV SURVEY COMPLETED SEPTEMBER 28, 2018  
NO SAV'S LOCATED



**DREDGING PLAN** SCALE: 1"=100'



Project No.	
Sheet No.	
Date	11/18/2018

Project Name: WEST JACKSON COUNTY  
DREDGE PERMITTING PROJECT  
WEST IOLA RD. BAYOU  
JACKSON COUNTY, MISSISSIPPI

Sheet Title: PROPOSED DREDGE ALIGNMENT

**SEYMOUR ENGINEERING**  
925 TOWNAT, MINNOC DRIVE, SUITE 0  
BLOOMING, MISSISSIPPI 39532  
PHONE: 228-385-1200 FAX: 228-385-2533

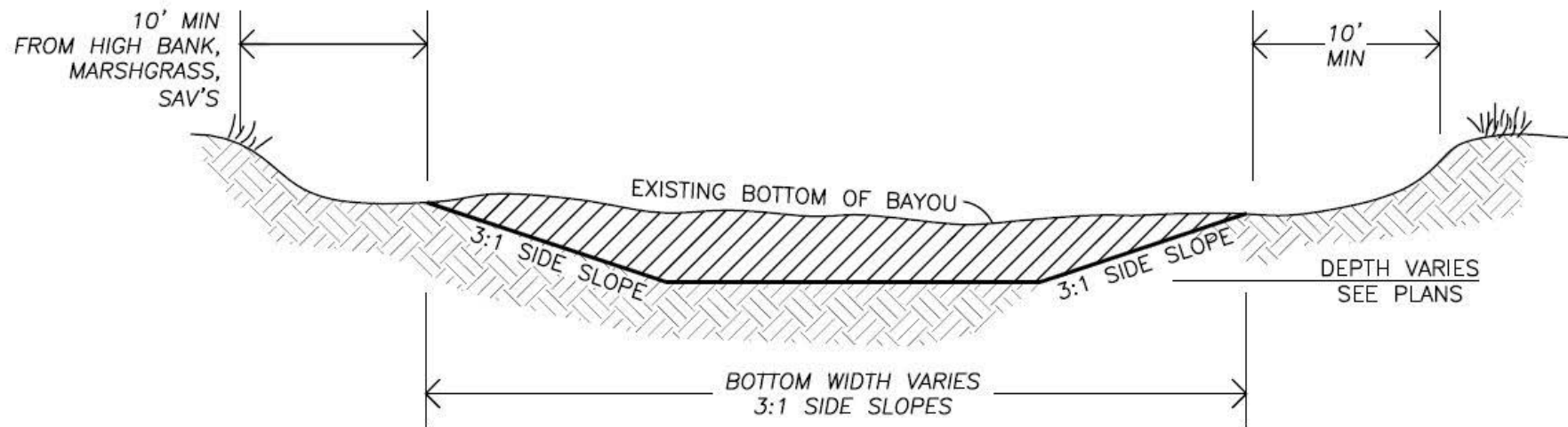
Sheet	C1
Project No.	18-043.07

MADEBY SOURCE  
Checked: County GIS Dept  
GIS/IT/FA: Aerial Imagery  
Checked: Aerial Photography © R (2018)

# WEST IOLA RD BAYOU & SIDE BAYOUS PROPERTY OWNERSHIP MAP







## TYPICAL SECTION DETAIL

SCALE: None

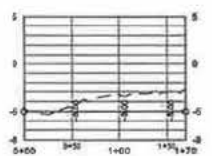
Sheet	
Scale	AS / S.M.T.S.
Checked	A. WOOD
Approved	A. WOOD
Date	11/16/2017

Sheet Title  
ALIGNMENT PROFILES

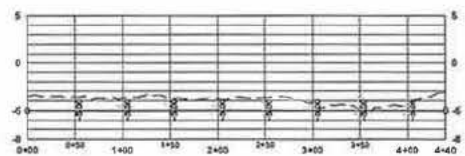
Project Name  
WEST JACKSON COUNTY  
DREDGE PERMITTING PROJECT  
WEST IOLA RD. BAYOU  
JACKSON COUNTY, MISSISSIPPI

**SEYMOUR ENGINEERING**  
925 TOWNY MONRO DRIVE, SUITE 0  
BLOOMING, MISSISSIPPI 39552  
PHONE: 228-385-1290 FAX: 228-385-2333

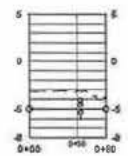
Sheet  
**C3**  
Project No.  
18-543.01



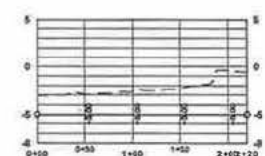
ALIGNMENT 2 PROFILE - STA. 0+00 TO 1+70  
SCALE: 1"=20'  
1"=10'



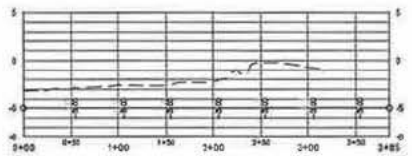
ALIGNMENT 3 PROFILE - STA. 0+00 TO 4+40  
SCALE: 1"=20'  
1"=10'



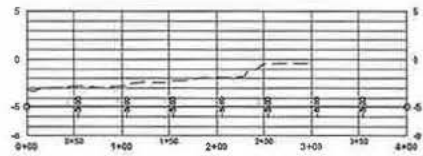
ALIGNMENT 4 PROFILE - STA. 0+00 TO 0+80  
SCALE: 1"=20'  
1"=10'



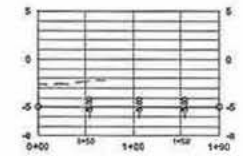
ALIGNMENT 5 PROFILE - STA. 0+00 TO 2+20  
SCALE: 1"=20'  
1"=10'



ALIGNMENT 6 PROFILE - STA. 0+00 TO 3+85  
SCALE: 1"=20'  
1"=10'



ALIGNMENT 7 PROFILE - STA. 0+00 TO 4+00  
SCALE: 1"=20'  
1"=10'



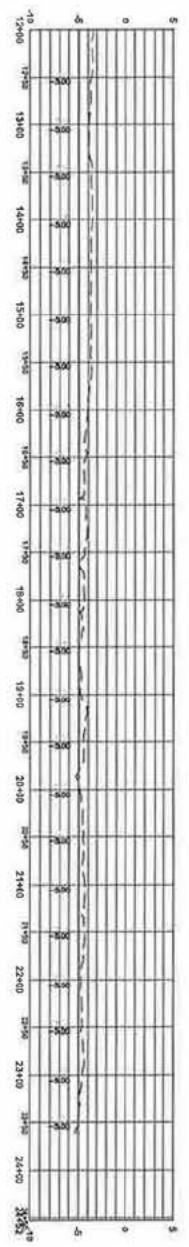
ALIGNMENT 8 PROFILE - STA. 0+00 TO 1+90  
SCALE: 1"=20'  
1"=10'



EXISTING (SEPT. 2018) HYDROGRAPHIC  
CHANNEL BOTTOM ELEVATION  
(MLD) (TYP)  
PROPOSED DREDGE DEPTH



ALIGNMENT 1 PROFILE - STA. 0+00 TO 12+00  
SCALE: 1"=10'



ALIGNMENT 1 PROFILE - STA. 12+00 TO 24+52  
SCALE: 1"=20'



DISTING (SEPT. 2018) HYDROGRAPHIC  
CHANNEL BOTTOM ELEVATION  
(ALBY (1717))  
PROPOSED DREDGE DEPTH

Sheet No. 1 of 1
Project No. 19-000001
Date: 11/14/2019

Sheet Title  
**ALIGNMENT PROFILES**

Project Name  
**WEST JACKSON COUNTY  
DREDGE PERMITTING PROJECT  
WEST IOLA RD. BAYOU  
JACKSON COUNTY, MISSISSIPPI**

**SEYMOUR ENGINEERING**  
 PHONE: 228-365-2350 925 TOMMY MUNRO DRIVE, SUITE G BLOXI, MISSISSIPPI 39332 FAX: 228-365-2353

Sheet No. **C2**  
Project No. 19-000001