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

REPLY TO
ATTENTION OF:

CESAM-RD-M **March 11, 2019**
PUBLIC NOTICE NO. SAM-2019-00172-RCV

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 SOUTHEAST GULF HILLS BAYOUS, ST. MARTIN COMMUNITY, 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 Dr. Ste G
Biloxi, MS 39532

LOCATION OF WORK AND WATERWAY: **This project proposes to perform maintenance dredging within the folloowing coordinates of the navigational channels of Southeast Gulf Hills Bayou, St. Martin Community, Jackson County, Mississippi**:

Alignment 1 –	**Alignment 2** -	**Alignment 3** –
Start:	Start:	Start:
Latitude 30.421548	Latitude 30.423034	Latitude 30.424211
Longitude -88.834524	Longitude -88.833772	Longitude -88.833687
End:	End:	End:
Latitude 30.425399	Latitude 30.423742	Latitude 30.423224
Longitude -88.833875	Longitude -88.833852	Longitude -88.82943

PROJECT PURPOSE: **The basic project purpose of the proposed project is the maintenance dredging for the identified navigational channels located within residential area of the Gulf Hills Subdivision of the St. Martin Community. The U.S. Army Corps of Engineers (USACE) has initially determined this project to be water dependent.**

EXISTING CONDITIONS: **The appliacant 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 Southeast Gulf Hills Bayou. Total Estimated Dredge Quantities= 19,000 CY. The project parameters of each alignment is as follows:**

• Alignment 1 = 1,514' Long x 30' Wide & 450' Long x 20' Wide @ - 5' ML W Depth with 3:1 Side Slopes with an estimate of 3,850 CY of dredge material.

• Alignment 2 = 835' Long x 20' Wide@ -5 MLW Depth with 3:1 Side Slope with an estimate of 1,850 CY of dredge material.

• Alignment 3 = 3,069 Long x 25' Wide@ -5 MLW Depth with3:1 Side Slopes with an estimate of 13,300 CY of dredge material.

AVOIDANCE & MINIMIZATION: **The plan view of the project shows Submerged Aquatic Vegetation (SAV) were found throughout areas along the shoreline of the proposed dredge alignments and their locations are identified on the attached dredge alignment drawings. 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 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-2019-00172-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: Mr. Matthew Murphy**, 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. 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.

Encls

MOBILE DISTRICT
U.S. Army Corps of Engineers


Southeast Gulf Hills Bayous
Vicinity Map
ARBOR CIR
PASO RD
FAIRWAY DR
RIDGE RD
WINDSOR PORT E
DAVID DAVIS PL
N
CALDWELL DR
SHORE DR
BAYVIEW CIR
WASHINGTON AVE
Latitude 30.422331°
Longitude 88.833861°
SEYMOUR ENGINEERING
LEGION LN
IBERVILLE DR
SUNSET AVE
WISTERIA LN

GENERAL NOTES:

1. ALL SURVEY ELEVATIONS SHOWN REFLECT MEAN LOW WATER.
2. AERIAL IMAGERY PROVIDED BY JACKSON COUNTY GIS DEPT. CLEARINGHOUSE AND HAS BEEN GEOREFERENCED IN RELATION TO HYDROGRAPHIC SURVEY DATA SHOWN. ACTUAL IMAGE DIMENSIONS MAY VARY.
3. ALL SURVEY ELEVATIONS REPRESENT CONDITIONS OF THE DREDGING AREAS AND ANY DISCREPANCIES SHOULD BE IDENTIFIED AND FIELD VERIFIED BY THE CONTRACTOR AND BROUGHT 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

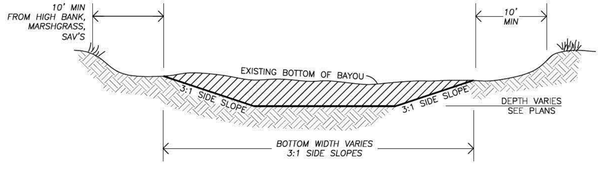
ALIGNMENT 1 = Sta. 0+00 - 10+68 x 30' @ -5.0' MLW
& Sta. 10+68 - 15+14 x 20' @ -5.0' MLW
ALIGNMENT 2 = Sta. 0+00 - 8+31 x 20' @ -5.0' MLW
ALIGNMENT 3 = Sta. 0+00 - 30+69 x 25' @ -5.0' MLW

TOTAL = 5,414 LF

SAV LOCATIONS
SAV SURVEY COMPLETED
SEPTEMBER 28, 2018



DREDGING PLAN
SCALE 1" = 100'



TYPICAL SECTION DETAIL
SCALE None

N

GRAPHIC SCALE
100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

Figure 1 SAM- 2019-0172-RCV

IMAGERY SOURCE:
Jackson County GIS Dept
geoTIFFs Aerial Imagery
Coastal Aerial Photography 2 ft (2016)

Revised	
Drawn	D. LOVE
Checked	B. WEAVER
Approved	M. SEYMOUR
Date	10/04/2018

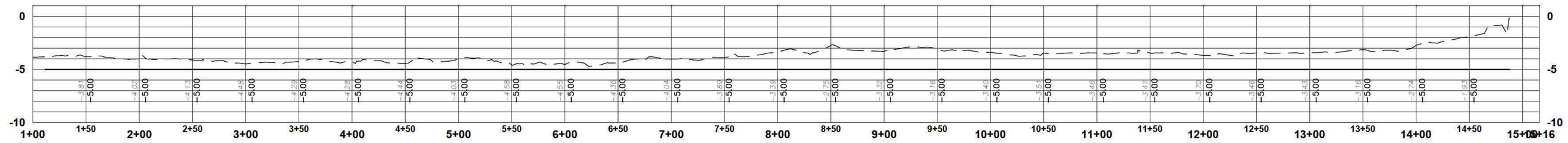
Sheet Title: PROPOSED DREDGE ALIGNMENTS

Project Name: WEST JACKSON COUNTY
DREDGE PERMITTING PROJECT
SOUTHEAST GULF HILLS BAYOUS
JACKSON COUNTY, MISSISSIPPI

SEYMOUR ENGINEERING
925 TOMMY MUNRO DRIVE, SUITE G
BILOXI, MISSISSIPPI 39532
PHONE: 228-385-2350 FAX: 228-385-2353

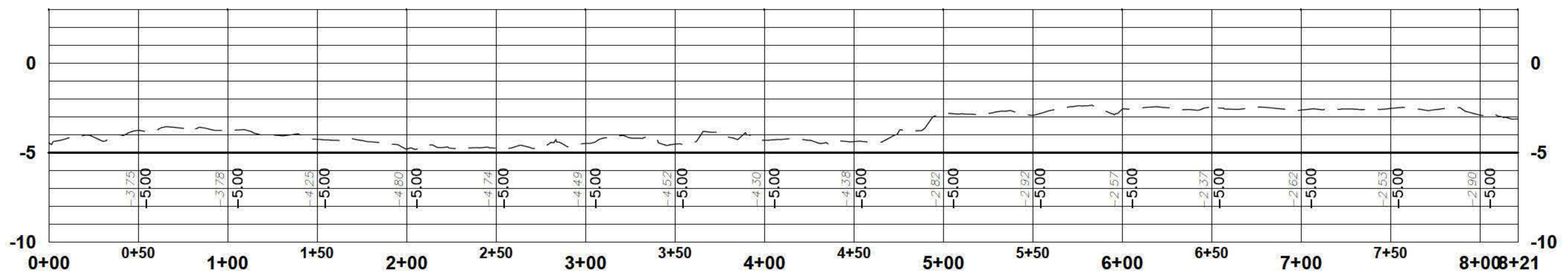
Sheet
C1

Project No.
18-065.07



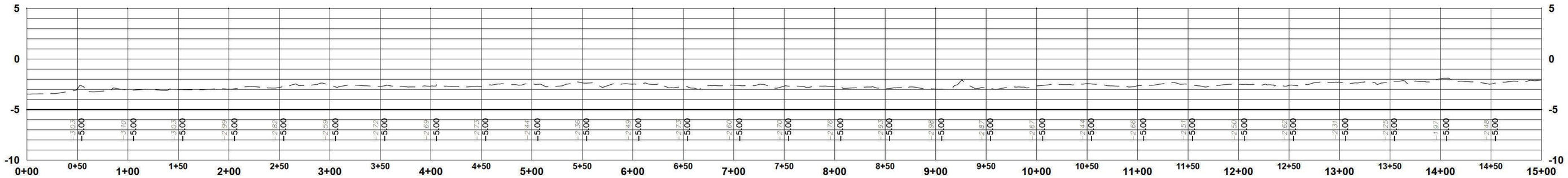
ALIGNMENT 1 PROFILE - STA. 0+00 TO 15+14

SCALE 1" = 60' H
1" = 6' V



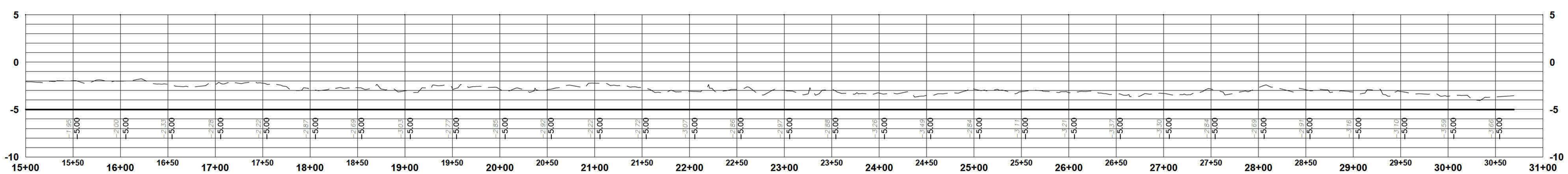
ALIGNMENT 2 PROFILE - STA. 0+00 TO 8+31

SCALE 1" = 60' H
1" = 6' V



ALIGNMENT 3 PROFILE - STA. 0+00 TO 15+00

SCALE 1" = 60' H
1" = 6' V



ALIGNMENT 3 PROFILE - STA. 15+00 TO 30+69

SCALE 1" = 60' H
1" = 6' V

EXISTING (OCT. 2018) HYDROGRAPHIC CHANNEL BOTTOM ELEVATION (MLW) (TYP)

PROPOSED DREDGE DEPTH

Revised	
Drawn	DL / K. NETTO
Checked	B. WEAVER
Approved	M. SEYMOUR
Date	11/16/2017

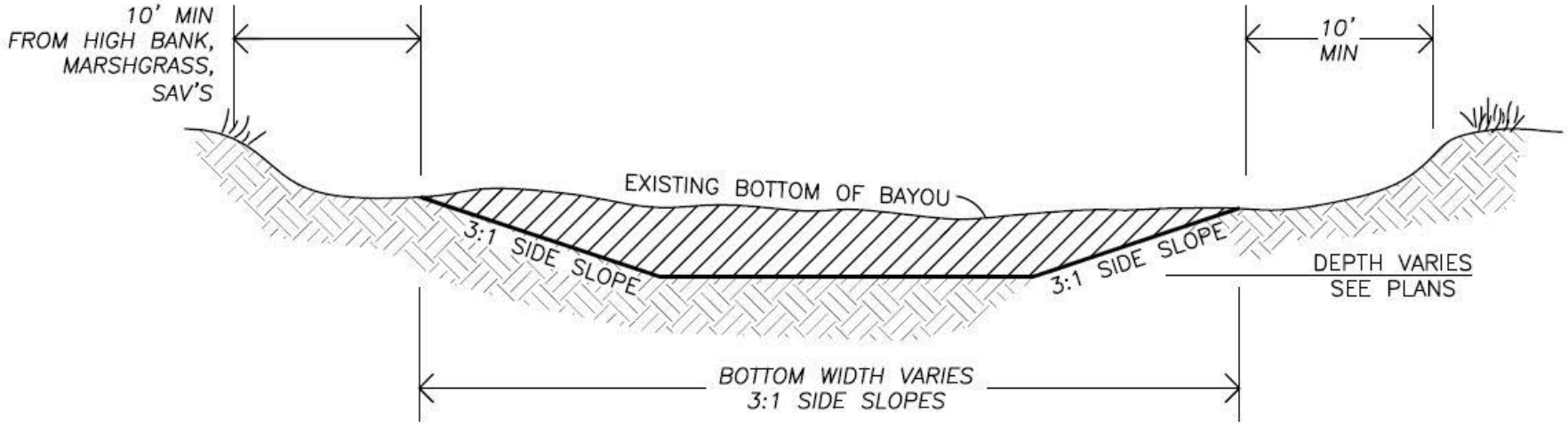
Sheet Title: ALIGNMENT PROFILES

Project Name: WEST JACKSON COUNTY
DREDGE PERMITTING PROJECT
SOUTHEAST GULF HILLS BAYOUS
JACKSON COUNTY, MISSISSIPPI

SEYMOUR ENGINEERING
925 TOMMY MUNRO DRIVE, SUITE G
BILOXI, MISSISSIPPI 39532
PHONE: 228-385-2350 FAX: 228-385-2353

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Project No.
18-065.07



TYPICAL SECTION DETAIL

SCALE: None

Figure 2 SAM-2019-0172-RCV