

DEPARTMENT OF THE ARMY U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT 7400 LEAKE AVE NEW ORLEANS, LA 70118-3651

August 14, 2023

Regulatory Division
Western Evaluation Branch

Project Manager: Johnny Duplantis (504) 862-2548 johnny.i.duplantis@usace.army.mil

Application #: MVN-2020-00234-WPP

PUBLIC NOTICE

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344), and/or [X] Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. Section 408).

MODIFICATION FOR MAINTENANCE DREDGING OF NAVIGATION CHANNELS FOR EXPANSION OF THE PORT OF IBERIA IN IBERIA PARISH

NAME OF APPLICANT: Port of Iberia, c/o: GIS Engineering, LLC, 450 Laurel Street, Suite 1500, Baton Rouge, Louisiana 70801.

LOCATION OF WORK: Located in Iberia Parish, Section 34, Township 12S and Range 06E, within Port of Iberia, in New Iberia, Louisiana, (POB -- Lat. 29.958239 / Long. -91.8412 W; POE -- Lat. 29.5109862 / Long. -92.3127306), as shown within the attached drawings. (Hydrologic Unit Code 08080103, Vermilion Teche Watershed)

CHARACTER OF WORK: A Department of Army permit was issued on April 26, 2021 for the subject project, and was subsequently modified on January 11, 2022, associated with maintenance dredging of approximately 50 miles of existing navigation channels connecting the Port of Iberia to the Gulf of Mexico (GOM), to include Commercial Canal (segment 1), the GIWW (segment 2), and Freshwater Bayou (segment 3). The maintenance dredging will deepen existing channels to a depth of approximately negative (-)16 feet. Dredge materials from the upper segments, the lower segments would be discharged and placed in nearby interior areas, open waters, along the mid to lower banks of the GIWW and Freshwater Bayou, and in a near shore

disposal site near the GOM.

The applicant has submitted a project modification request dated May 13, 2023, that includes additional Beneficial Use Area sites, along with proposed relocations and reductions in marsh creation sites. along the project route from the Port of Iberia to the GOM. Approximately 11.5 acres of wetlands are anticipated to be temporarily impacted due to the dredging and disposal activities and are proposed to be restored upon completion of the work. A total of approximately 1,253 acres of marsh creation, and approximately 310 acres of beneficial use areas is anticipated to occur in interior and open water areas. Further details and acreage breakdowns can be viewed within the attached drawings. The applicant has proposed that the project benefits will outweigh the detriments, and therefore has not proposed a compensatory mitigation plan for the project.

The comment period on the requested Department of the Army Permit will close **20 days** from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit request, and must be submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the Applicant's Name and the Permit Application Number and can be preferably emailed to the Corps of Engineer's project manager listed above or forwarded to the Corps of Engineers at the address above, ATTENTION: REGULATORY DIVISION, RGW, Johnny J. **Duplantis.** Individuals or parties may also request an extension of time in which to comment on the proposed work by mail or preferably by emailing the specified project manager listed above. Any request for an extension of time to comment must be specific and substantively supportive of the requested extension and received by this office prior to the end of the initial comment period. The Branch Chief will review the request and the requester will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous and inclusive of the initial comment period and will not exceed a total of 30 calendar days. This public notice is also available for review online at https://go.usa.gov/xennJ

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general,

the needs and welfare of the people.

This request will also be reviewed pursuant to Section 408 and USACE Engineering Circular (EC) 1165-2-220, which provides policy and procedural guidance for processing requests to alter USACE civil works projects. The decision whether to grant permission for the requested alteration will be based on several factors. The benefits that reasonably may be expected to accrue from the proposal will be balanced against its reasonably foreseeable detriments. Review of the requests for modification will be reviewed by a USACE technical review team considering the following factors:

- Potential to Impair the Usefulness of the Project. Proposed alterations will be reviewed to determine whether the alteration would limit the ability of the USACE project to function as authorized, or would compromise or change any authorized project conditions, purposes, or outputs. If USACE determines that the usefulness of the authorized project would be impaired, the request will be denied.
- 2) Potential to be Injurious to the Public Interest. Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. Factors that may be relevant to the public interest depend upon the type of USACE project being altered and may include, but are not limited to, such things as conservation, economic development, historic properties, cultural resources, environmental impacts, water supply, water quality, flood hazards, floodplains, residual risk, induced damages, navigation, shore erosion or accretion, and recreation. This evaluation will consider information received from the interested parties, including tribes, agencies, and the public. The decision whether to approve an alteration will be determined by the consideration of whether benefits are commensurate with risks. If the potential detriments are found to outweigh the potential benefits, then it may be determined that the proposed alteration is injurious to the public interest.

The Section 408 review will consider the potential impact to the usefulness of the Federal project and whether the proposed alteration would be injurious to the public interest. Policy and legal compliance will also be considered.

The U.S. Army Corps of Engineers 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 to determine whether to make, 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 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.

The New Orleans District is presently unaware of properties listed on the National Register of Historic Places at or near the proposed work but is pending further review in accordance with the National Historic Preservation Act. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes regarding potential impacts to cultural resources.

Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that the project is located in habitat known to be utilized by the Western Manatee (Trichechus manatus) and the Eastern Black Rail (Laterallus jamaicensis ssp. jamaicensis), and determined that the activity is not likely to adversely affect these species. If the DA permit is approved, the permittee will be required to the follow the IPaC mitigative conditions for the Western Manatee (Trichechus manatus) and the Eastern Black Rail (Laterallus jamaicensis ssp. jamaicensis).

Our initial finding is that the proposed work would have no effect on any species listed as endangered by the U.S. Department of Commerce, nor affect any habitat designated as critical to the survival and recovery of any such species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of <u>5,550 acres</u> of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. *Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Louisiana Department of Environmental Quality before a Department of the Army permit could be issued.*

Any person may request within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing, and can be <u>preferably</u> emailed to the USACE project manager listed above or mailed to the address listed above.

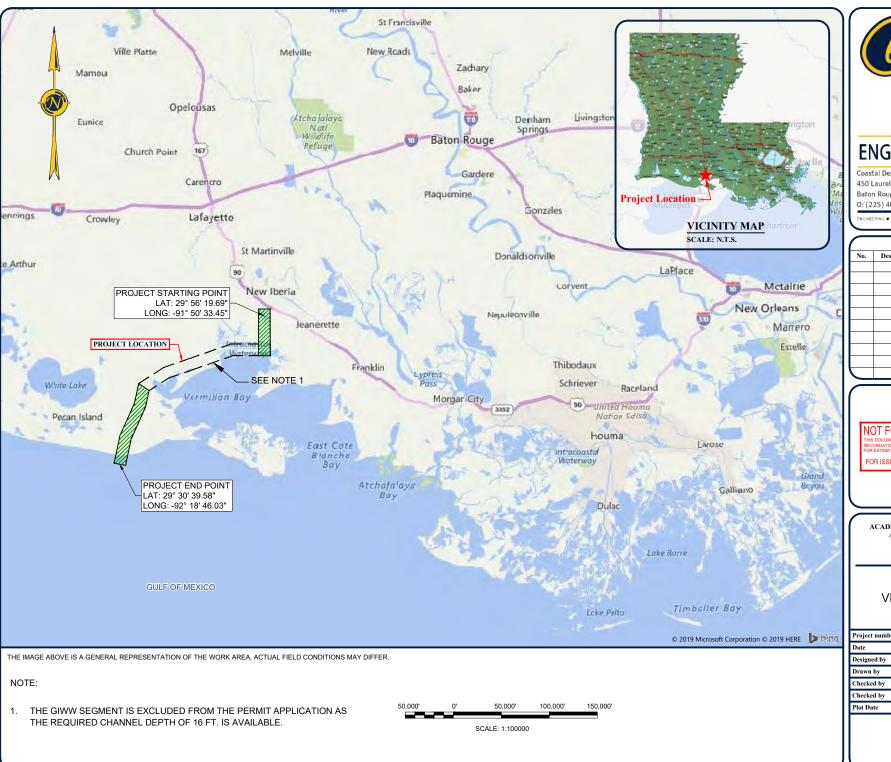
The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana

Department of Natural Resource's Coastal Resources Program (Application # P20191275). The Department of the Army permit will not be issued unless the applicant receives approval or a waiver of the Coastal Use Permit by the Louisiana Department of Natural Resources.

You are invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Darrell S. Barbara Chief, Western Evaluation Branch Regulatory Division

Enclosures





Coastal Design & Infrastructure 450 Laurel Street | Suite 1500 Baton Rouge, LA 70801 O: (225) 408-0700 | F: (985) 475-7014

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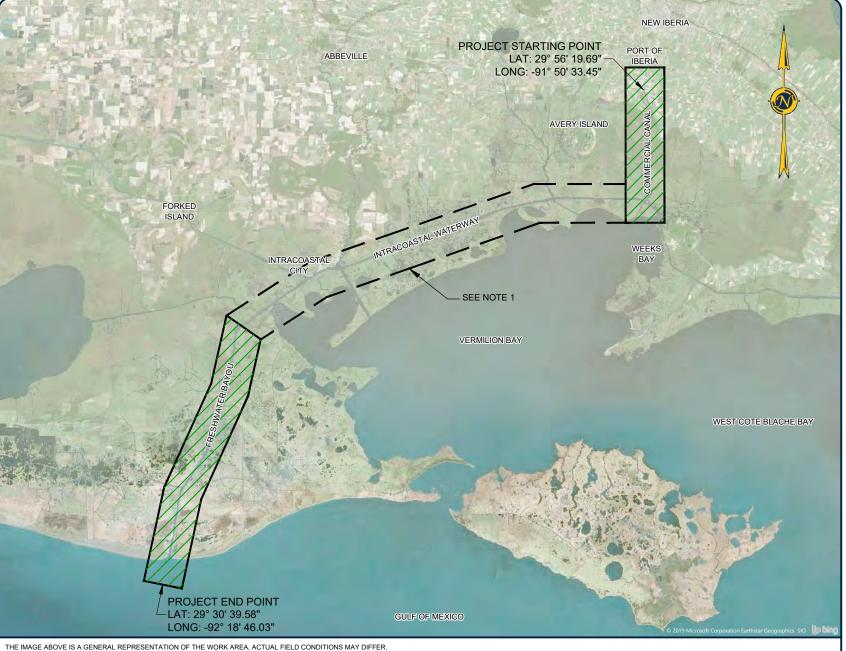
ACADIANA GULF OF MEXICO ACCESS CHANNEL PORT OF IBERIA

VICINITY MAP

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Silent\POl-Port of Iberia\1197 - AGMAC Channel Dredging -



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OVERALL PROJECT PLAN **VIEW**

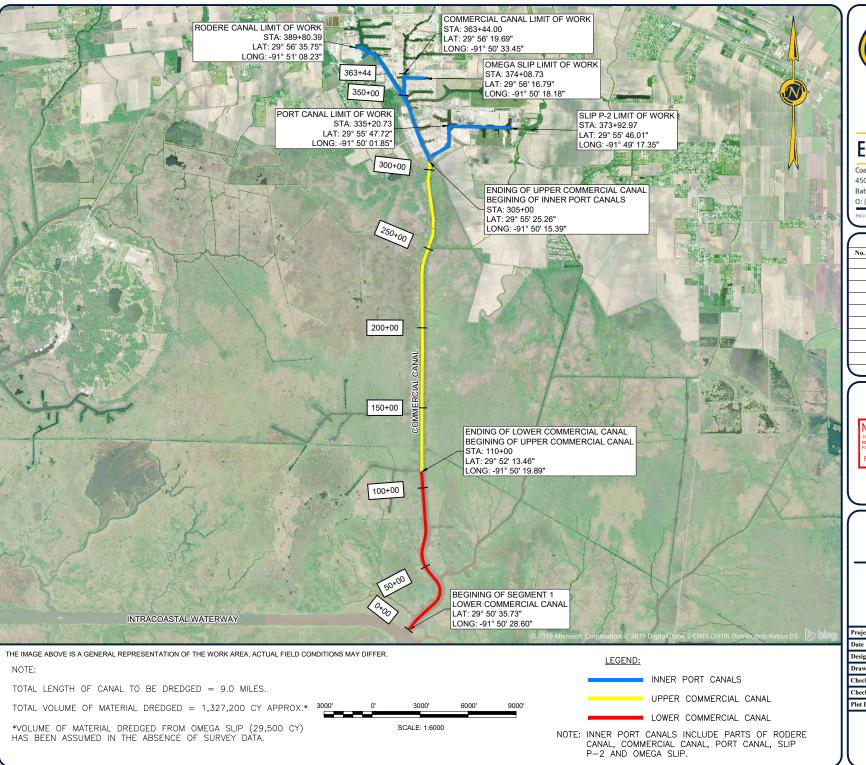
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NOTE:

1. THE GIWW SEGMENT IS EXCLUDED FROM THE PERMIT APPLICATION AS THE REQUIRED CHANNEL DEPTH OF 16 FT. IS AVAILABLE.







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ACADIANA GULF OF MEXICO ACCESS CHANNEL PORT OF IBERIA

SEGMENT 1 DREDGING PLAN VIEW

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1000'

SCALE: 1:2000

2000'

3000'

1000'



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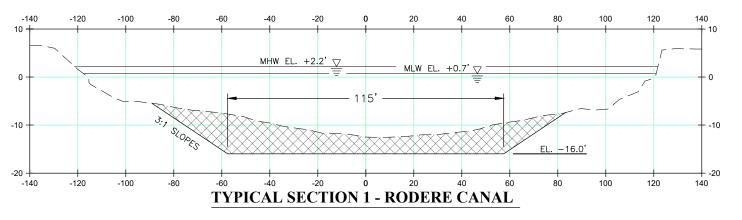
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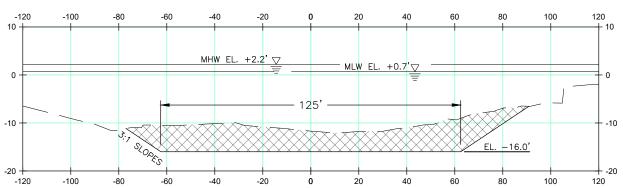
INNER PORT CANAL SEGMENT DREDGING PLAN VIEW

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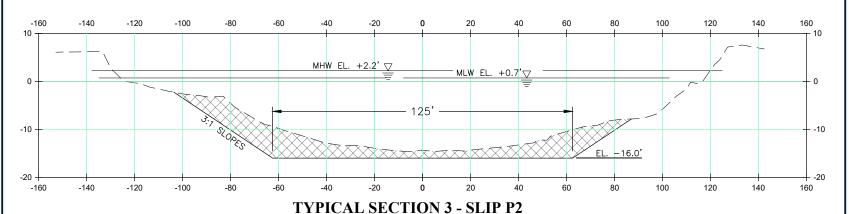
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TYPICAL SECTION 2 - PORT CANAL



VERTICAL SCALE = 1:20

10' 0' 10' 20' 30'

20' 0' 20' 40' 60'

HORIZONTAL SCALE = 1:40



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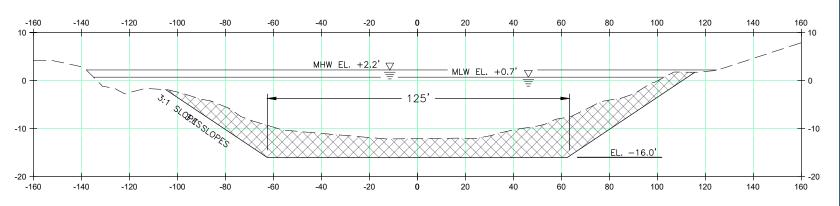
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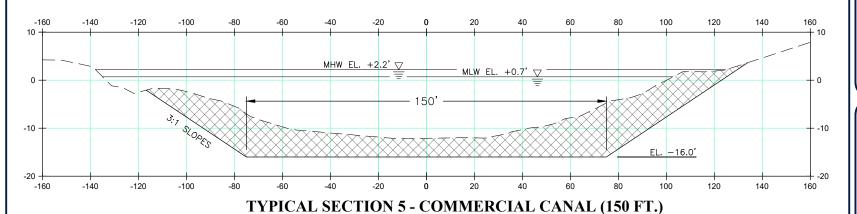
INNER PORT CANAL SEGMENT TYPICAL CROSS SECTIONS

Project number	39130-1197
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TYPICAL SECTION 4 - COMMERCIAL CANAL (125 FT.)









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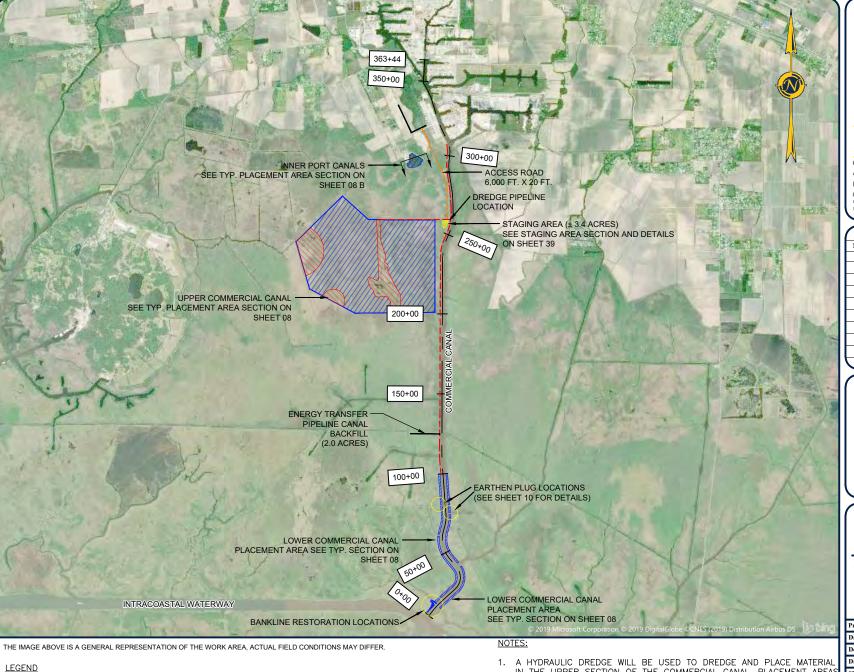
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INNER PORT CANAL SEGMENT TYPICAL **CROSS SECTIONS**

Project number	39130-1197
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Checked by	OPM
Plot Date	March 27, 2023



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SCALE: 1:6000

- DREDGED MATERIAL PLACEMENT AREA = ±960 ACRES

- PLACEMENT AREA TO BE AVOIDED = ± 200 ACRES

1. INNER PORT CANAL AND SLIPS = ± 13 ACRES 2. UPPER COMMERCIAL CANAL PLACEMENT AREA = ± 900 ACRES

3. LOWER COMMERCIAL CANAL PLACEMENT AREA = ± 47 ACRES

A HYDRAULIC DREDGE WILL BE USED TO DREDGE AND PLACE MATERIAL IN THE UPPER SECTION OF THE COMMERCIAL CANAL. PLACEMENT AREAS ALONG THE UPPER SECTION WILL BE ACCESSED FROM THE NORTH VIA SEGURA ROAD.

A BARGE MOUNTED BUCKET DREDGE WILL BE USED TO EXCAVATE AND PLACE MATERIAL IN THE LOWER SECTION OF THE COMMERCIAL CANAL.

3. NO SPOIL WILL BE PLACED IN THE FORESTED WETLANDS DURING ANY PHASE OF THE PROPOSED ACTIVITIES.

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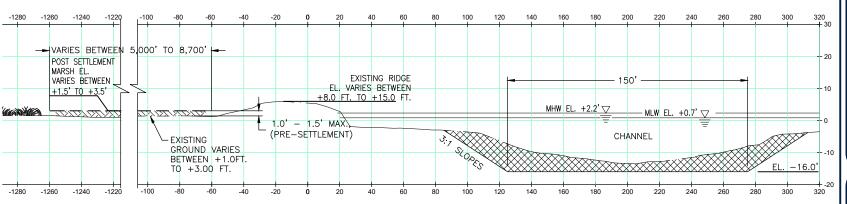
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SEGMENT 1 DREDGE **MATERIAL** PLACEMENT PLAN **VIEW**

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Date	APRIL 2020
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UPPER AND LOWER COMMERCIAL CANAL **TYPICAL CROSS SECTIONS**

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UPPER COMMERCIAL CANAL TYPICAL PLACEMENT SECTION

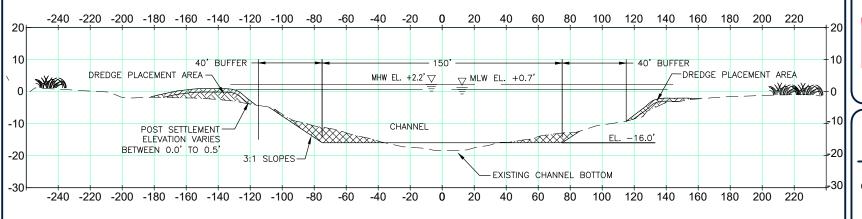
1. ELEVATION OF EXISTING MARSH VARIES BETWEEN +1.0 TO +3.0 FT.

VERTICAL SCALE

2. POST SETTLEMENT MARSH EL. VARIES BETWEEN +1.5' TO +3.5' (0.5' INCREASE) DEPENDING ON THE EXISTING MARSH ELEVATION OF THE AREA

NOTE:





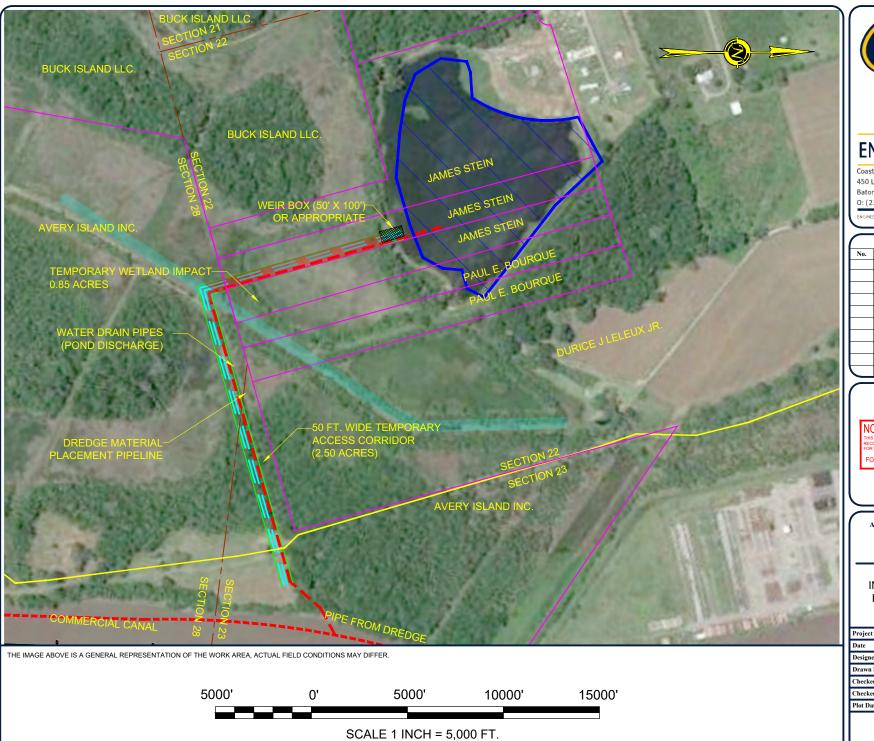
LOWER COMMERCIAL CANAL TYPICAL PLACEMENT SECTION



NOTE:

1. THE DREDGED MATERIAL WILL BE PLACED WITHIN THE CHANNEL ALONG THE BANKS TO AVOID WETLAND IMPACT.

DREDGING AREA PLACEMENT AREA





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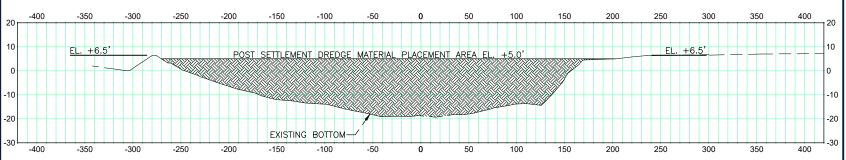
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INNER PORT CANAL PLACEMENT AREA

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Date	APRIL 2020
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Plot Date	March 27, 2023

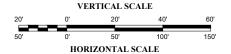
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INNER PORT CANAL DREDGE PLACEMENT AREA TYPICAL SECTION

PLACEMENT AREA



NOTE: VOLUME OF MATERIAL TO BE PLACED IN THE POND = 322,100 CY APPROX.



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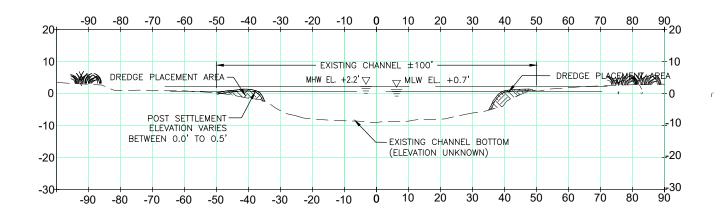
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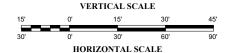
INNER PORT CANAL PLACEMENT AREA TYPICAL CROSS SECTION

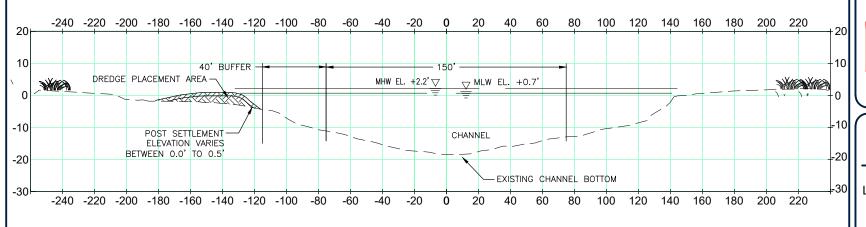
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Plot Date	March 27, 2023

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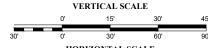


PLACEMENT SECTION AT STATION 7+50 WEST OF COMMERCIAL CANAL





COMMERCIAL CANAL TYPICAL PLACEMENT SECTION AT STA. 5+00



HORIZONTAL SCALE

NOTE:

1. THE DREDGED MATERIAL WILL BE PLACED WITHIN THE CHANNEL ALONG THE BANKS TO AVOID WETLAND IMPACT.



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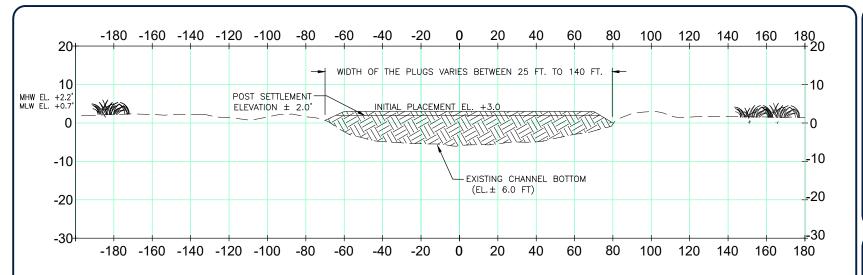
ACADIANA GULF OF MEXICO ACCESS CHANNEL PORT OF IBERIA

LOWER COMMERCIAL **CANAL SECTION**

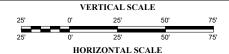
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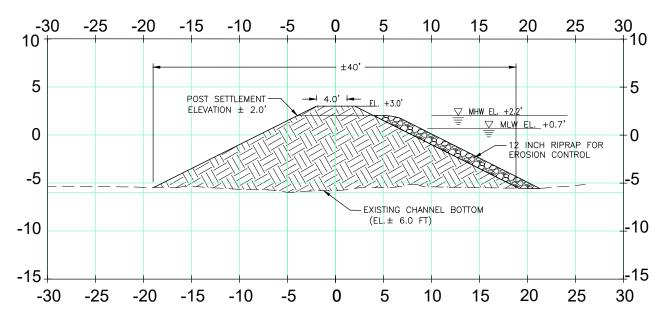
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DREDGING AREA PLACEMENT AREA



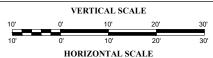
CHANNEL EARTHEN PLUG: PROFILE VIEW





EARTHEN PLUG: TYPICAL SECTION

EARTHEN PLUG





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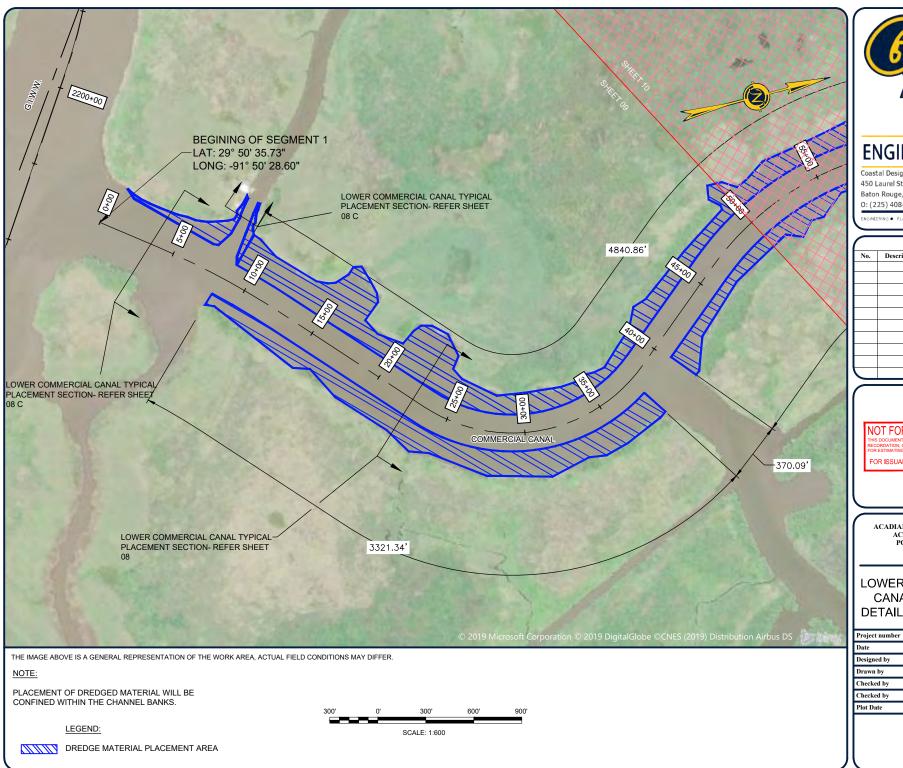
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LOWER COMMERCIAL CANAL EARTHEN PLUGS SECTION AND PROFILE

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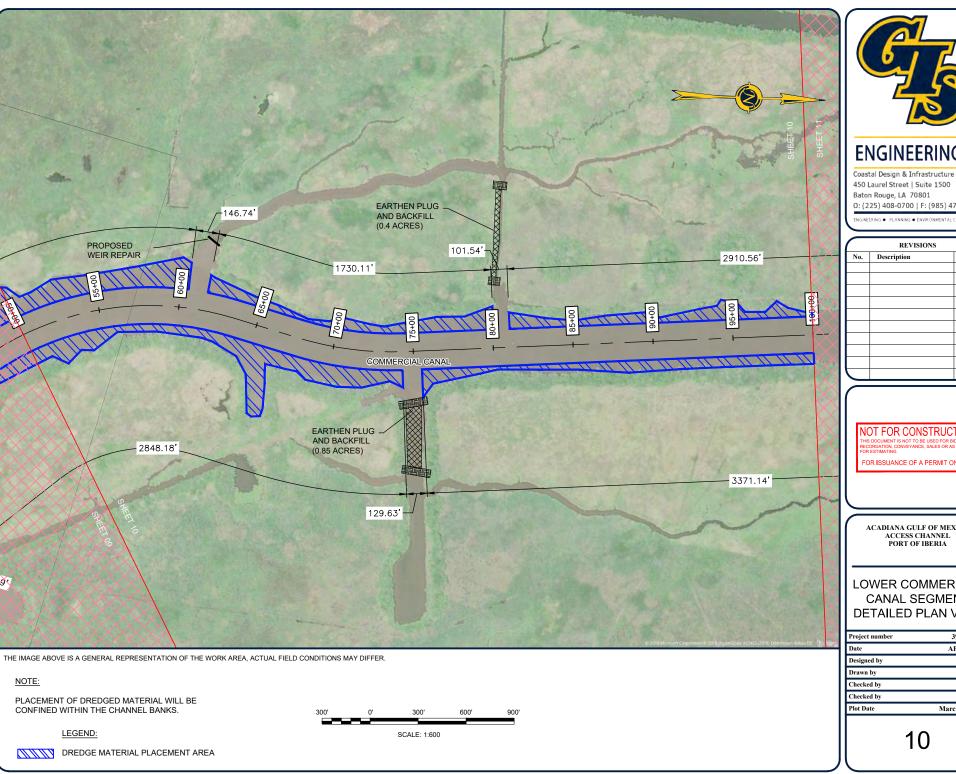
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LOWER COMMERCIAL CANAL SEGMENT DETAILED PLAN VIEW

Project number	39130-1197
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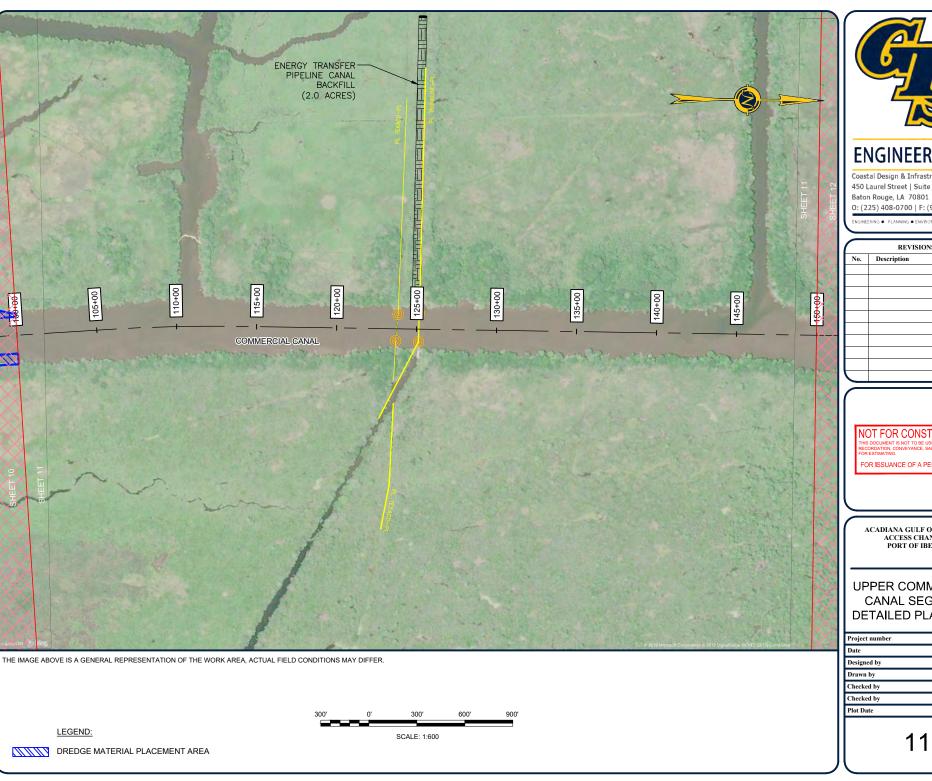
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ACADIANA GULF OF MEXICO ACCESS CHANNEL PORT OF IBERIA

LOWER COMMERCIAL **CANAL SEGMENT** DETAILED PLAN VIEW

39130-1197
APRIL 2020
SP
MAC
MM
OPM
March 27, 2023
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No.	Description	Date

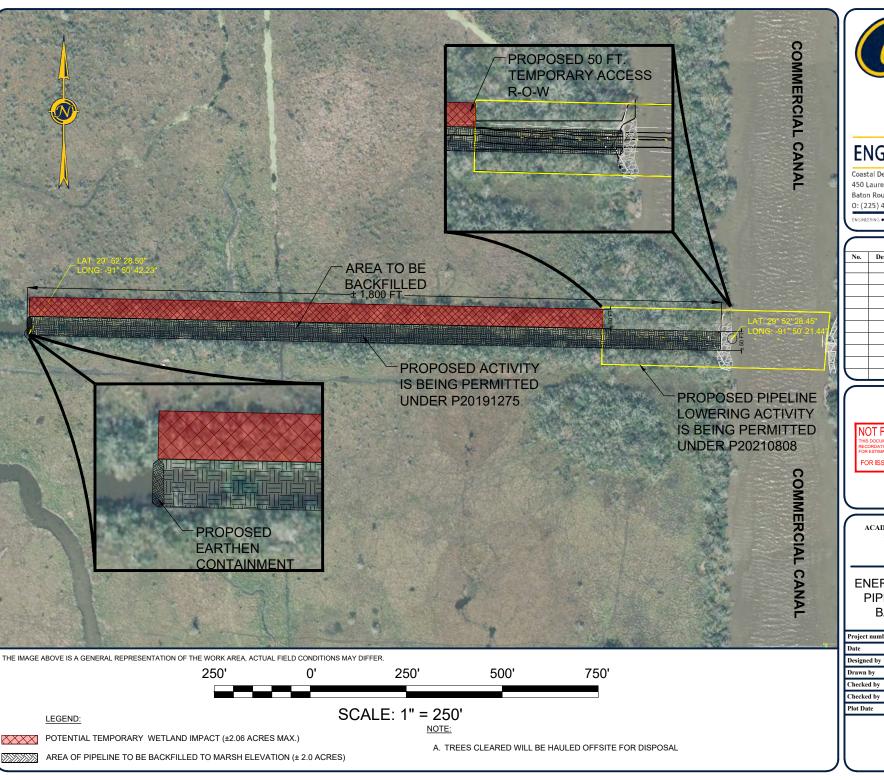
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UPPER COMMERCIAL CANAL SEGMENT DETAILED PLAN VIEW

Project number	39130-1197
Date	APRIL 2020
Designed by	SP
Drawn by	MAC
Checked by	MM
Checked by	OPM
Plot Date	March 27, 2023





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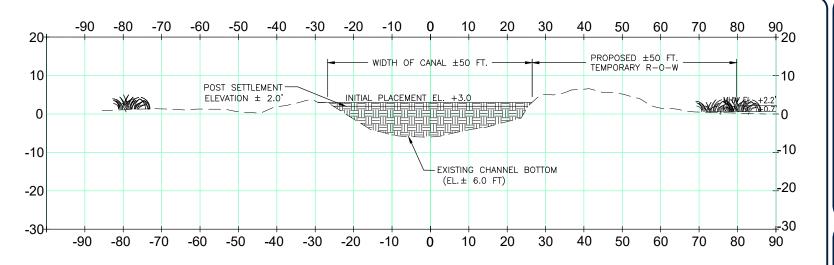
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ACADIANA GULF OF MEXICO ACCESS CHANNEL PORT OF IBERIA

ENERGY TRANSFER PIPELINE CANAL BACKFILLING

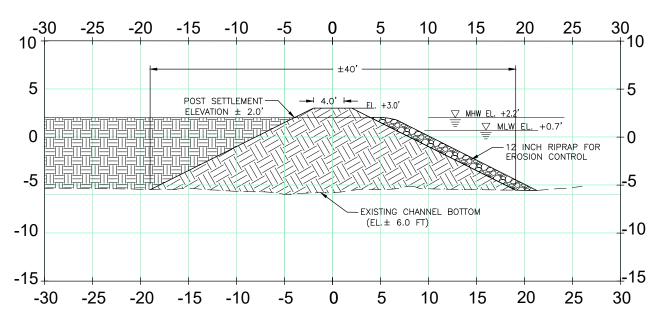
Project number	39130-1197
Date	APRIL 2020
Designed by	SP
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Checked by	MM
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CHANNEL BACKFILL CROSS-SECTION: PROFILE VIEW





EARTHEN PLUG: TYPICAL SECTION

EARTHEN PLUG MATERIAL BACKFILL





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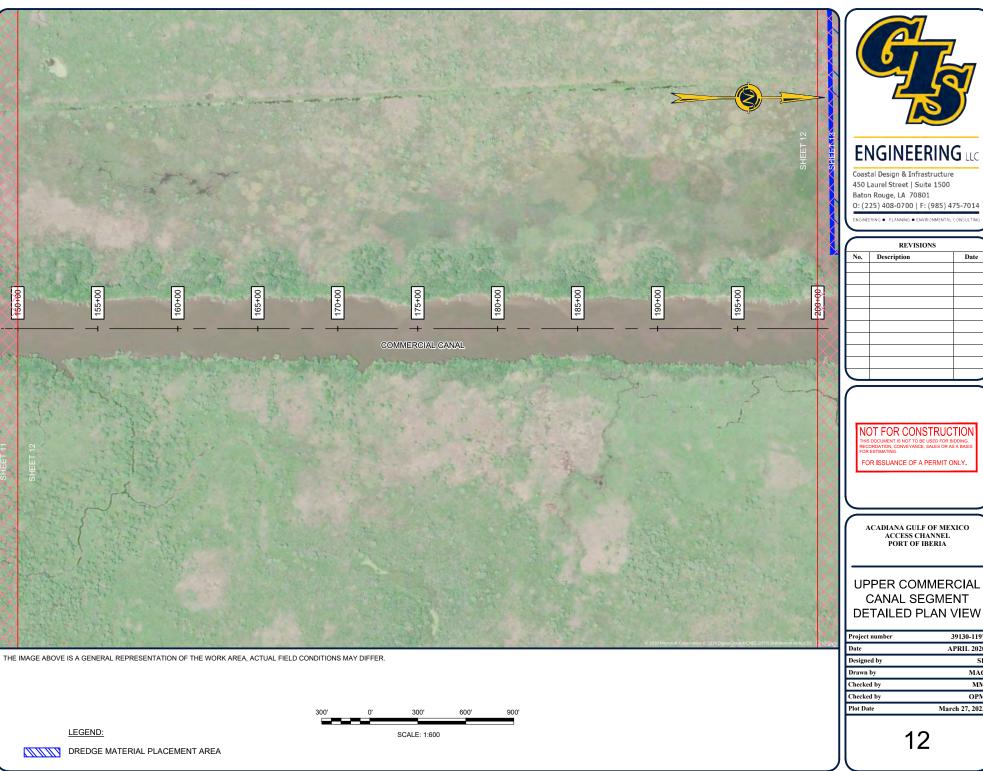
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ACADIANA GULF OF MEXICO ACCESS CHANNEL PORT OF IBERIA

ENERGY TRANSFER CHANNEL BACKFILL AND EARTHEN PLUG

Project number	39130-1197
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Drawn by	MAC
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Checked by	OPM
Plot Date	March 27, 2023

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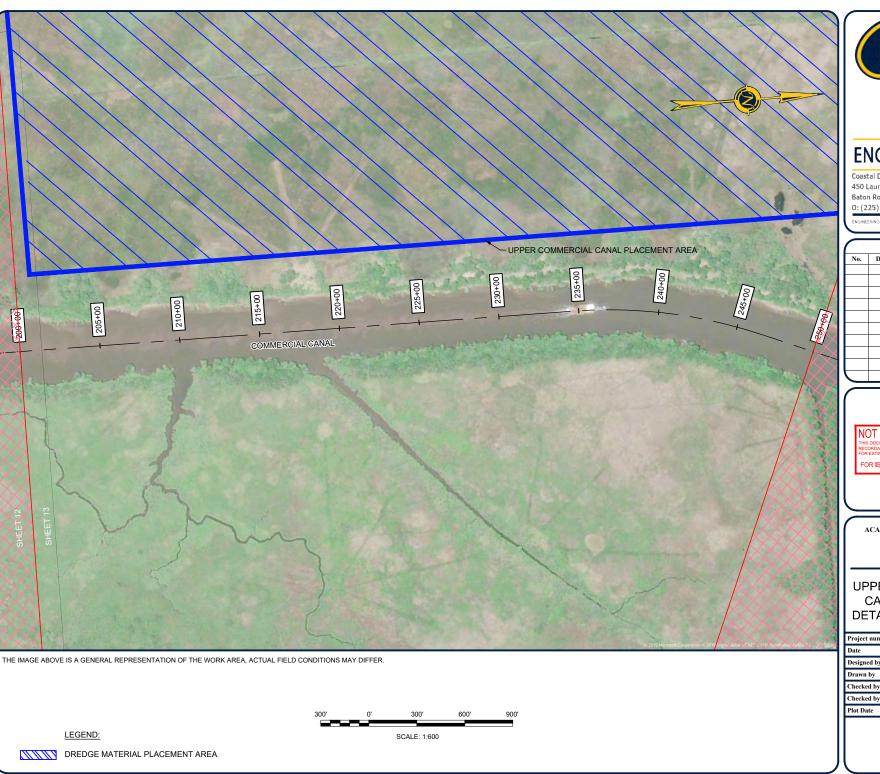
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UPPER COMMERCIAL CANAL SEGMENT DETAILED PLAN VIEW

Project number 39130-1197 Date APRIL 2020 Designed by SP Drawn by MAC Checked by MM Checked by OPM Plot Date March 27, 2023		
Designed by SP Drawn by MAC Checked by MM Checked by OPM	Project number	39130-1197
Drawn by MAC Checked by MM Checked by OPM	Date	APRIL 2020
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	Checked by	MM
Plot Date March 27, 2023	Checked by	OPM
	Plot Date	March 27, 2023





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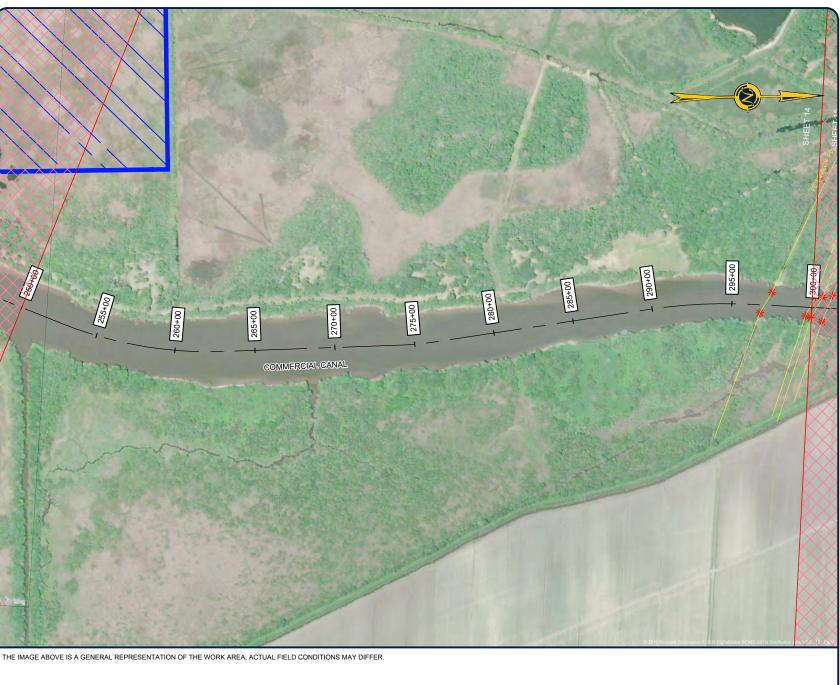
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UPPER COMMERCIAL CANAL SEGMENT DETAILED PLAN VIEW

Project number	39130-1197
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Checked by	OPM
Plot Date	March 27, 2023



SCALE: 1:600

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UPPER COMMERCIAL CANAL SEGMENT DETAILED PLAN VIEW

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LEGEND:

DREDGE MATERIAL PLACEMENT AREA

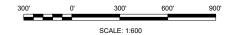


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NOTE:

INNER PORT CANAL INCLUDES PART OF COMMERCIAL CANAL, RODERE CANAL, PORT CANAL, SLIP P-2 AND OMEGA SLIP.

LEGEND:





DREDGE MATERIAL PLACEMENT AREA



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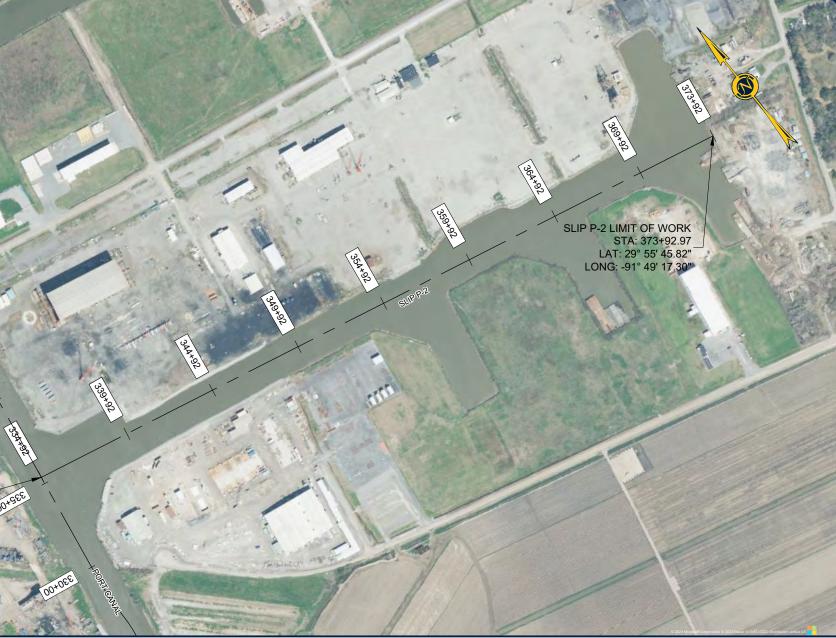
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UPPER COMMERCIAL CANAL SEGMENT DETAILED PLAN VIEW

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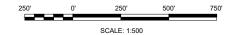


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LEGEND:





DREDGE MATERIAL PLACEMENT AREA



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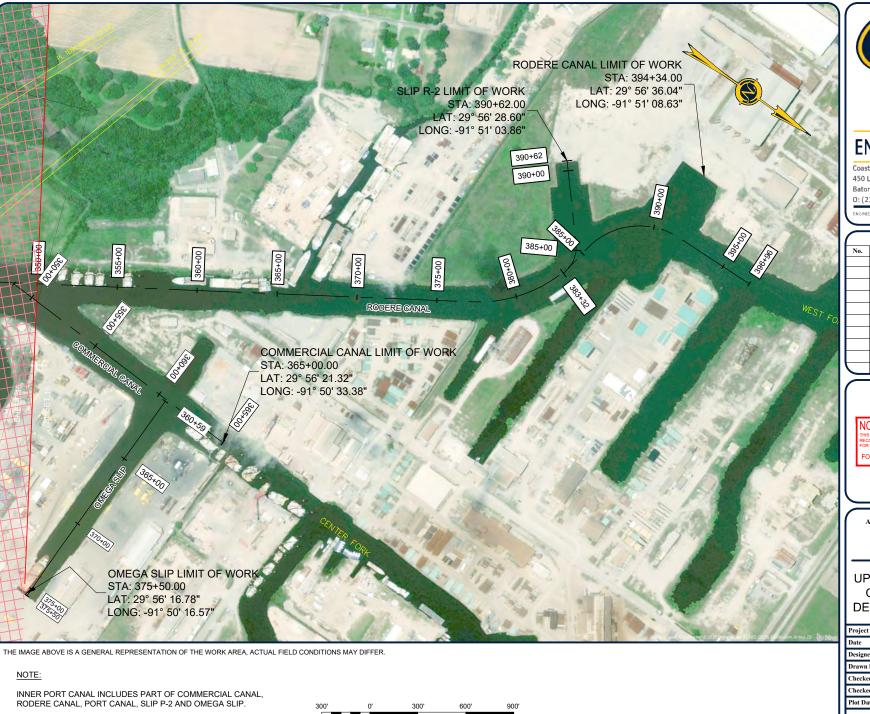
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Project number	39130-1197
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SCALE: 1:600



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Plot Date March 27, 2023

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SEGMENT 2 PLAN VIEW

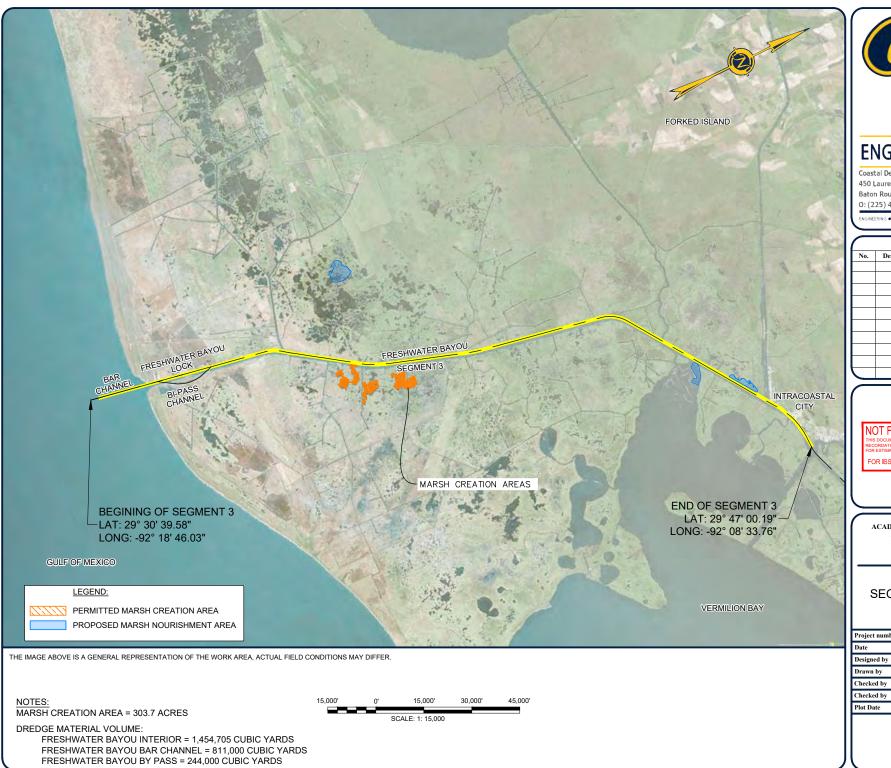
Project number	39130-1197	9
Date	APRIL 2020	,
Designed by	SP	
Drawn by	MAC	
Checked by	MM	
Checked by	OPM	
Plot Date	March 27 2023	8

17

3000' 0' 3000' 6000' 9000' SCALE: 1: 6000

NOTE:

THE SEGMENT 2 (GIWW) IS EXCLUDED FROM THE PERMIT APPLICATION AS THE RECENT SURVEY DATA SHOWS ADEQUATE DEPTH OF 16 FT.





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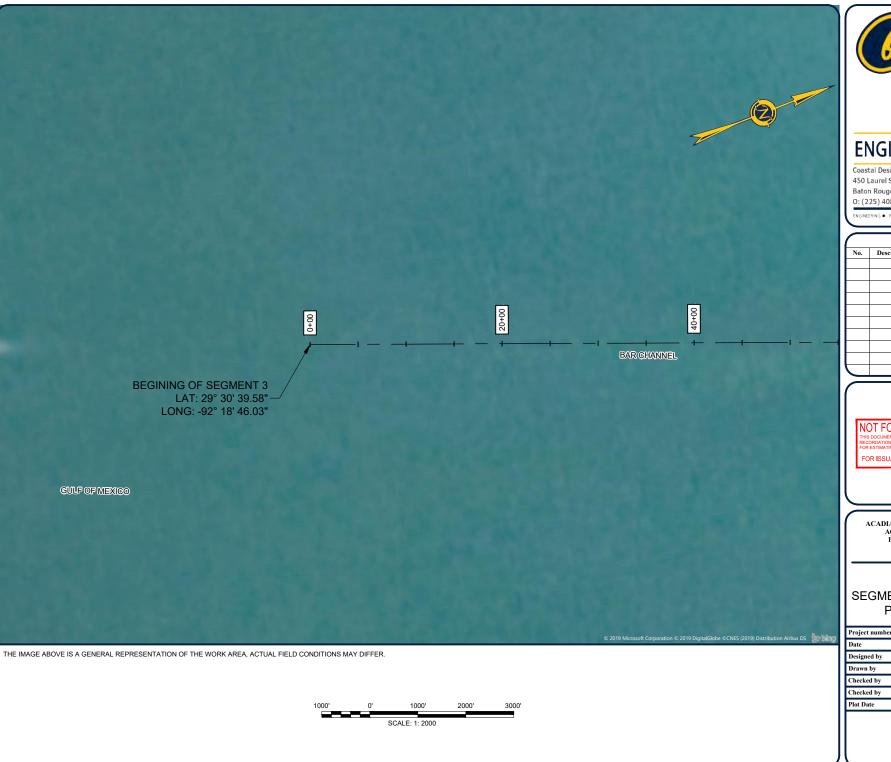
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SEGMENT 3 PLAN VIEW

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SCALE: 1: 2000



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2000'

1000' SCALE: 1: 2000 3000'

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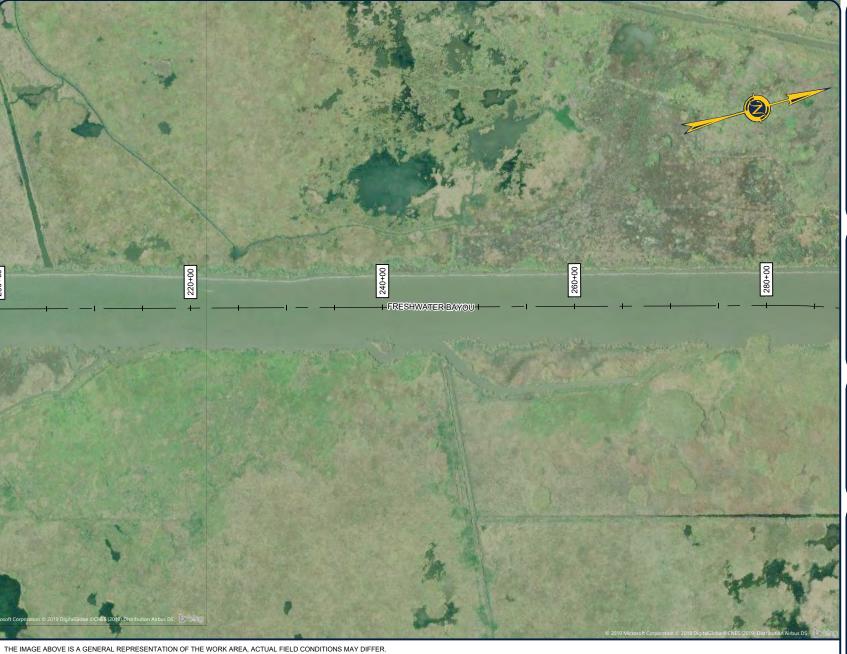
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SEGMENT 3 DETAILED PLAN VIEW

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artment 39\Client\POI-Port of Iberia\1197 - AGMAC Channel Dredging - Phase 1\Drafting\CAD\DWGs\0 Permit\2020\SEGM



1000'

SCALE: 1: 2000

3000'

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1000'

SCALE: 1: 2000

3000'

2000'



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Designed by SP Drawn by MAC Checked by MM Checked by OPM	Project number	39130-1197
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	Plot Date	March 27, 2023

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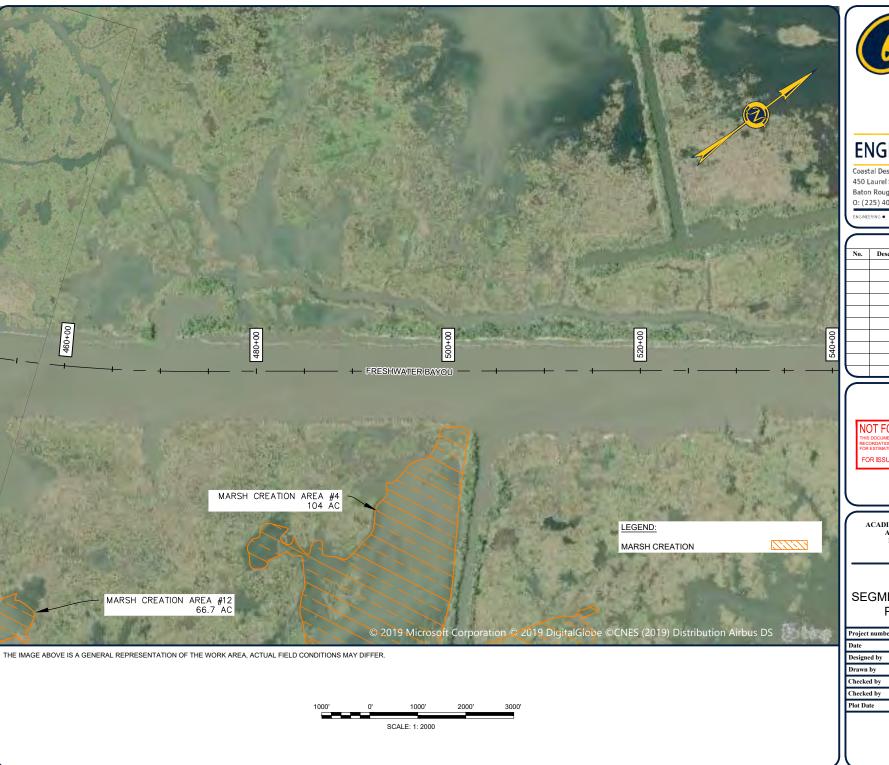
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SEGMENT 3 DETAILED PLAN VIEW

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SCALE: 1: 2000

3000'

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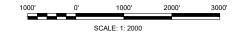
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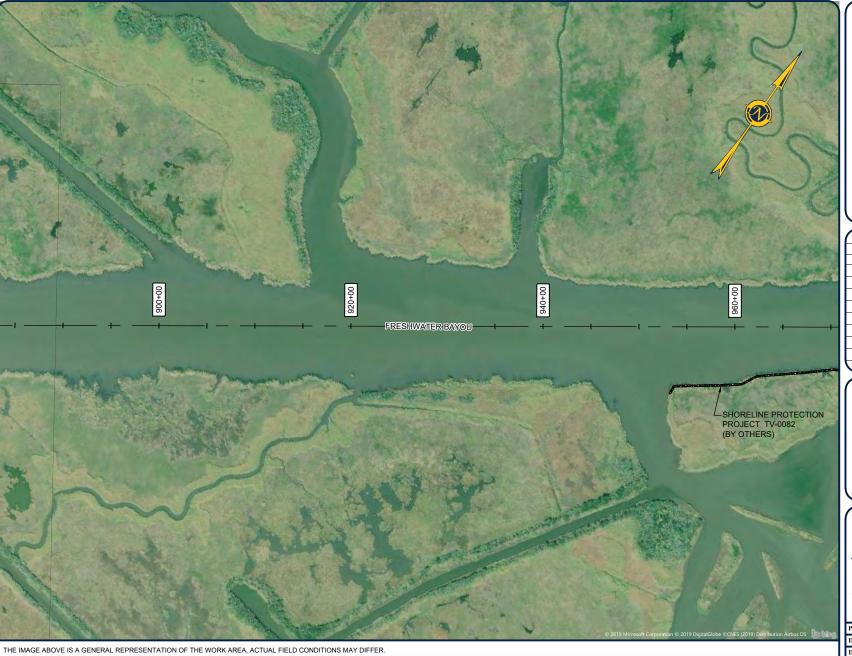
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1000' SCALE: 1: 2000 3000'

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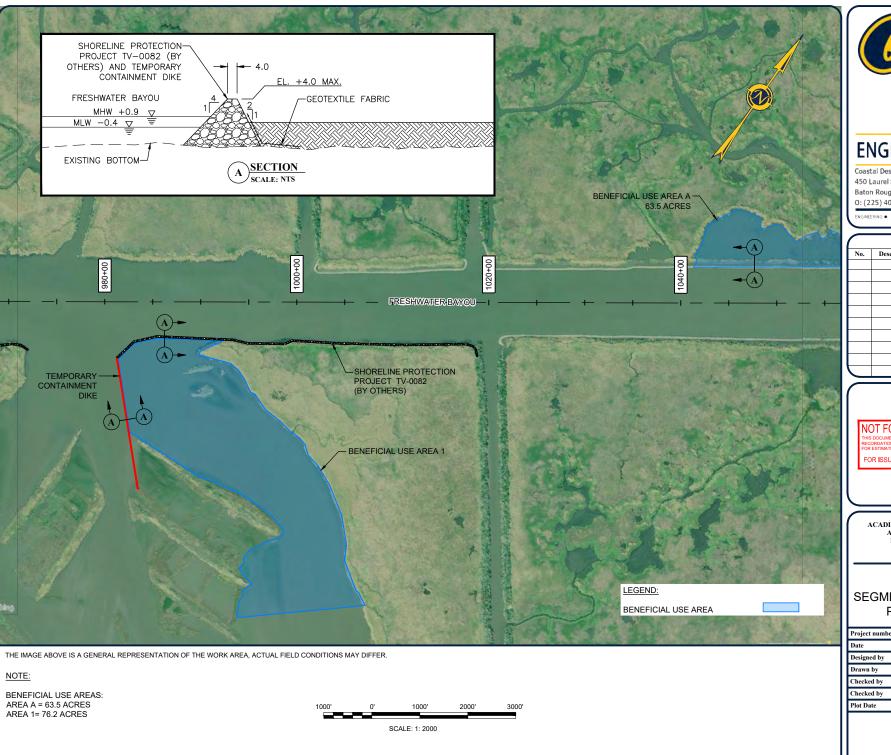
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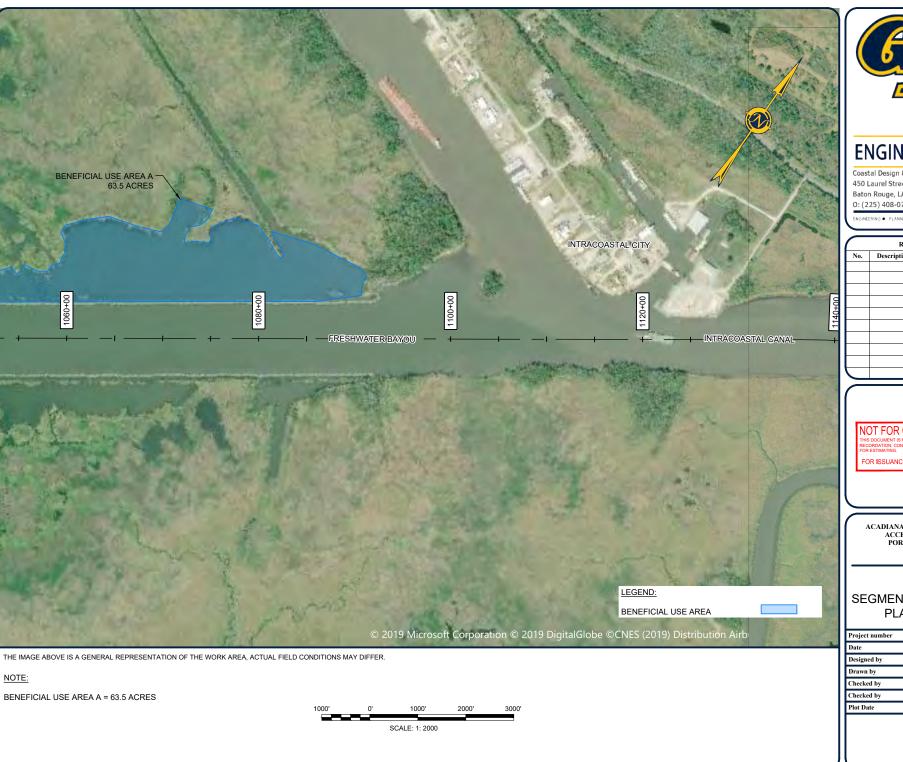
ACADIANA GULF OF MEXICO ACCESS CHANNEL PORT OF IBERIA

SEGMENT 3 DETAILED PLAN VIEW

Project number	39130-1197
Date	APRIL 2020
Designed by	SP
Drawn by	MAC
Checked by	MM
Checked by	OPM
Plot Date	May 5, 2023

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partment 39\Client\pol-port of iberia\1197 - agmac channel dredging - phase 1\Drafting\CAD\DWGs\0 Permit\





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SEGMENT 3 DETAILED PLAN VIEW

Project number	39130-1197	agm
Date	APRIL 2020	- 2
Designed by	SP	beria\1197
Drawn by	MAC	iberic
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Checked by	ОРМ	-port
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SCALE: 1: 2000

3000'



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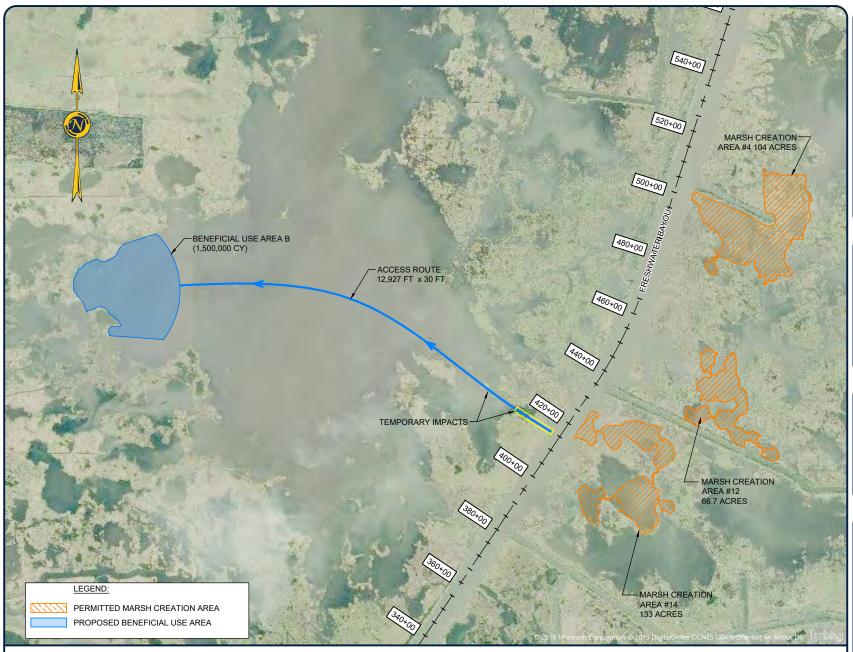
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SEGMENT 3 DETAILED PLAN VIEW

Project number	39130-1197
Date	APRIL 2020
Designed by	SP
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SEGMENT 3 DETAILED PLACEMENT AREA PLAN VIEW

Project number	39130-1197	agu
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Checked by	OPM	-port
Plot Date	May 5, 2023	t/poi-

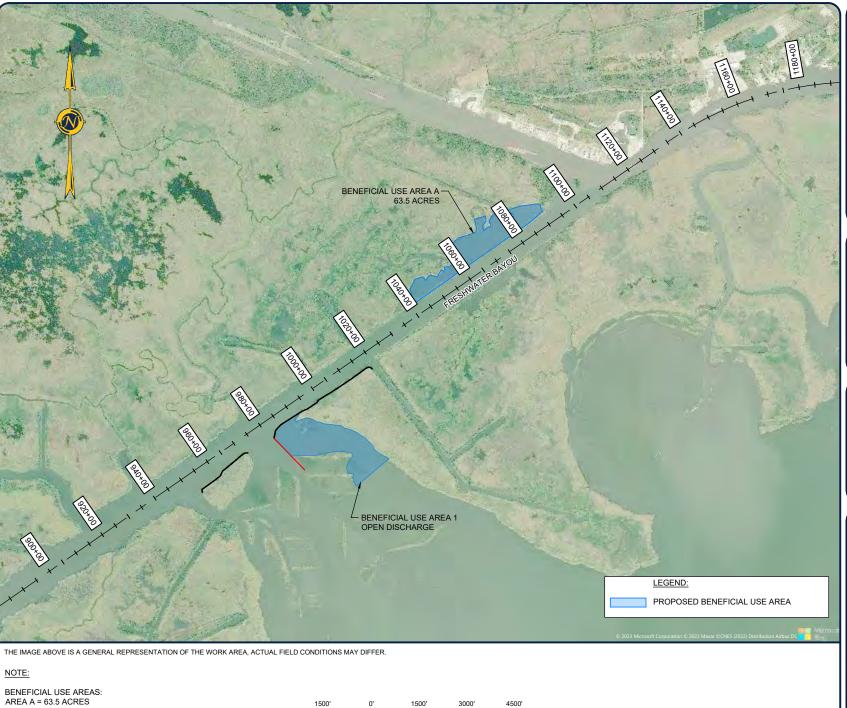
THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.

NOTE:

TEMPORARY IMPACTS TO THE WETLANDS / MARSH DUE TO DREDGE MATERIAL PIPELINE CORRIDOR = 1.03 ACRES BENEFICIAL USE AREA B = 170.7 ACRES

BENEFICIAL USE AREA B = 170.73 ACRES





SCALE: 1: 3000

AREA 1= 76.2 ACRES

4500'



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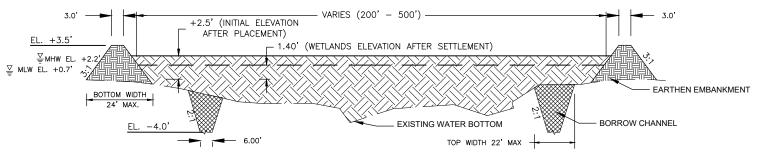
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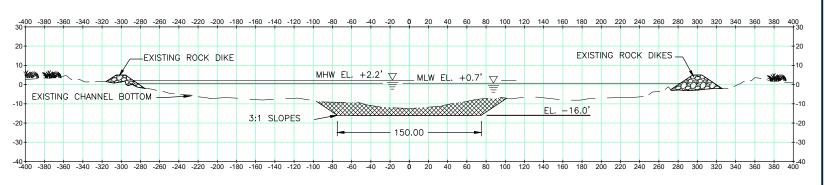
SEGMENT 3 DETAILED PLACEMENT AREA **PLAN VIEW**

Project number	39130-1197
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TYPICAL MARSH CREATION SECTION

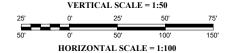
SCALE: N.T.S.

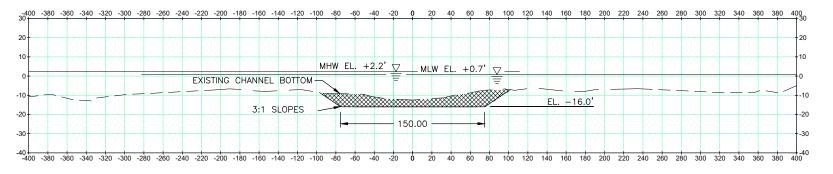




TYPICAL DREDGING SECTION: FRESHWATER BAYOU







TYPICAL DREDGING SECTION: BAR CHANNEL







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SEGMENT 3 TYPICAL CROSS SECTIONS

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DREDGING AND EXCAVATION VOLUMES			
SEGMENT	MATERIAL DREDGED FROM CHANNEL (CY)	MATERIAL EXCAVATED FOR CONTAINMENT BERM (CY)	MATERIAL TYPE
1 (COMMERCIAL CANAL)	1,327,200	0	PRIMARILY SILT WITH CLAY AND SOME SAND
2 (GIWW)	0	0	NO DREDGING
3 (FRESHWATER BAYOU AND BYPASS CHANNEL)	1,698,705	149,625	GOOD AMOUNT OF SAND WITH CLAY AND SOME SILT
TOTAL	3,025,905 CY	149,625 CY	

ACREAGE CREATED			
SEGMENT MARSH (AC) UPLANDS (AC)			
1 (COMMERCIAL CANAL)	950 (NOURISHMENT AND BACKFILL ^{5,6})	13 (POND)	
2 (GIWW)	0	0	
3 (FRESHWATER BAYOU AND BYPASS CHANNEL)	303.7 (NOTE 7)	0	

PLACEMENT AREA CAPACITY			
SEGMENT	MARSH CREATION (CY)	UPLAND PLACEMENT (CY)	CHANNEL BANK PLACEMENT (CY)
1 (COMMERCIAL CANAL)	910,550 (NOURISHMENT)	322,100	94,550
2 (GIWW)	0	0	0
3 (FRESHWATER BAYOU)	5,514,000	0	0

NOTES:

- 1. DEPOSITION OF DREDGED MATERIAL FOR MARSH CREATION AREAS IN SEGMENT 3 WILL BE ENABLED BY DREDGE DISPOSAL PIPES IN CONJUNCTION WITH THE HYDRAULIC DREDGE.
- 2. A 12-INCH DREDGE LINE/PIPE WILL BE USED TO CONVEY THE DREDGED MATERIAL TO THE MARSH CREATION SITES. THE DREDGE LINES WILL BE PLACED ON THE EXISTING MARSH SURFACE AND FLOATED ON THE WATERWAYS.
- 3. NO DREDGING ACTIVITY WILL TAKE PLACE IN GIWW (SEGMENT 2) AS RECENT SURVEYS INDICATE AVAILABILITY OF REQUIRED DEPTH OF (-) 16 FT.
- 4. THE VOLUME FOR OMEGA SLIP (29,500 CY) HAS BEEN ASSUMED IN ABSENCE OF ACTUAL SURVEYS/ DATA
- 5. 46.8 ACRES WILL BE UTILIZED FOR PLACEMENT OF MATERIAL IN THE LOWER COMMERCIAL CANAL SEGMENT.
- 6. THE MATERIAL DREDGED FROM THE UPPER COMMERCIAL CANAL WILL BE USED TO BACKFILL PIPELINE CANALS TO CREATE ±3.0 ACRES AND NOURISH ±947 ACRES OF MARSH.
- 7. 303.7 ACRES MARSH CREATION SITES. ~310.4 ACRES FOR BENEFICIAL USE AREA OPEN DISCHARGE.



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DREDGE MATERIAL QUANTITIES

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PLACEMENT AREA CAPACITY			
SEGMENT	PLACEMENT AREA	PLACEMENT AREA VOLUME (CY)	
INNER PORT AND COMMERCIAL CANAL 1,327,200 CY	INNER PORT CANAL	484,675	
	UPPER COMMERCIAL CANAL	747,975	
	LOWER COMMERCIAL CANAL	94,550	
GIWW 0.00 CY		0	
FRESHWATER BAYOU 1,585,000	MARSH CREATION (303 AC.)	687,409	
	BENEFICIAL USE AREAS (310.4 AC.)	462,397	

NOTES:

- 1. VOLUME OF MATERIAL FOR COMMERCIAL CANAL SEGMENT ARE DERIVED FROM RECENT SURVEY DATA
- 2. NO DREDGING ACTIVITY WILL TAKE PLACE IN GIWW (SEGMENT 2) AS RECENT SURVEYS INDICATE AVAILABILITY OF REQUIRED DEPTH OF (-) 16 FT.
- 3. TOTAL OPEN WATER MARSH CREATION AREA AVAILABLE IN FRESHWATER BAYOU (SEGMENT 3) IS 1,911 ACRES (POI FEASIBILITY REPORT, 2006) OF WHICH ONLY 303.7 ACRES ARE PROPOSED TO BE CREATED BASED ON THE VOLUME OF MATERIAL DREDGED FROM SEGMENT 3.



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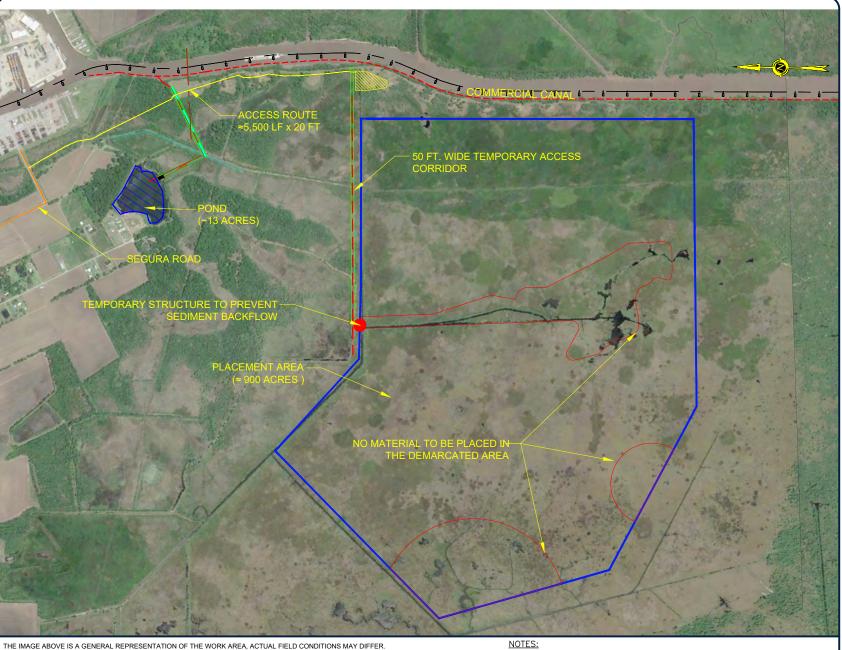
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ACADIANA GULF OF MEXICO ACCESS CHANNEL PORT OF IBERIA

DREDGE MATERIAL QUANTITIES

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NOTES:

- 1. NO SPOIL WILL BE PLACED IN THE FORESTED WETLANDS DURING ANY PHASE OF THE PROPOSED ACTIVITIES.
- 2. THICKNESS OF MATERIAL WILL BE PLACED IN THE CELLS WILL BE APPROXIMATELY 0.5 FT.
- 3. THE ACCESS ROUTE FOR THE UPPER COMMERCIAL CANAL PLACEMENT AREA WILL BE THROUGH THE EXISTING DRAINAGE CANAL



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SEGMENT 1: COMMERCIAL CANAL PLACEMENT AREA AND ACCESS ROUTE DETAILS

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PLACEMENT AREA (≈900 ACRES)

■ DREDGE PIPELINE

SCALE: NTS



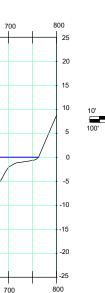
400

400

500

500

300





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STAGING AREA

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NOTE:
WIDTH OF THE STAGING AREA VARIES
BETWEEN 120 FT TO 340 FT.

STAGING AREA = 3.40 ACRES (APPROX.)

NO TREE CLEARING WILL BE CARRIED OUT IN
THE STAGING AREA.

THE STAGING AREA WILL BE UTILIZED FOR
STORING EQUIPMENTS AND MATERIAL ON
SITE DURING DREDGING AND PLACEMENT
ACTIVITIES.

15

10

STAGING AREA STAGING AREA WILL BE UTILIZED FOR
STORING EQUIPMENTS AND MATERIAL ON
-5
-10
-10

0

20

-15

-20

-25

100

100

200

STAGING AREA 340' MAX.

VERTICAL SCALE
SCALE 1 INCH = 20 FT.

10'
0'
10'
20'
30'
HORIZONTAL SCALE
SCALE 1 INCH = 200 FT.