

The Pontchartrain Levee District

NOTICE FOR SOLICITATION FOR QUALIFICATIONS

The Pontchartrain Levee District is seeking responses for the following project:

RFQ#2024-001– Pontchartrain Levee District –Borrow Pit Pre-Approval

Responses will be received by the Pontchartrain Levee District, until 2:00pm CST April 11, 2024. RFQ responses shall be received at the physical location as identified in Section 1.6 of the RFQ documents and only respondents who have submitted an RFQ response shall be identified. No responses shall be accepted after 2:00pm CST on April 11, 2024. Each response will be evaluated by designated Pontchartrain Levee District personnel as received until the submission deadline has passed.

Each Proposal must be sealed. The outside of the envelope, box or package should be marked with the Proposer's Name and Address, the Proposal Name, the RFQ #, and the Proposal Opening Date.

Successful Respondent(s) must supply The Pontchartrain Levee District with all required documentation as specified in the RFQ documents. Said Respondent(s) must also be in Good Standing and licensed to do business in the State of Louisiana.

Responses will be received at The Pontchartrain Levee District, 2069 Railroad Avenue, Litcher, LA 70071 from each Respondent.

THE PONTCHARTRAIN LEVEE DISTRICT

Notice for Solicitation of Qualifications



FOR

Mississippi River Levee- USACE – Borrow Pit Pre- Approval

RFQ Number: 2024-001

Submittal Deadline: 2:00 P.M. CST on April 11, 2024

DATE: February 19, 2024

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1. GENERAL INFORMATION

1.1 Project Description:

The Pontchartrain Levee District is soliciting qualifications of borrow pits for pre-approval for use on the construction of the Mississippi River Levee, Disaster Relief Supplemental Appropriations Act (DRSAA) Projects. The USACE has identified the following projects: Belmont, Ben Hur Road, Carville, Gramercy, Mt. Airy/ 48 mile Point, Marchand, Romeville/ College Point, Romeville and Welham Plantation. Qualifications will be reviewed for conformance with project specifications. If the borrow pit meets the specified requirements, the contact information will be provided on the construction documents for use of the bidding contractors or Pontchartrain Levee District.

1.2 Project Overview

The Mississippi River Levee DRSAA projects are the enumerated above. The Pontchartrain Levee District is interested in reviewing the qualifications of borrow pits interested in providing embankment material during construction. The review will provide the borrow pits the opportunity to ensure that their material meets the qualifications of the project and obtain the necessary documents for approval before the project commences. If pre-approved, the borrow pit name, location and contact information will be placed on the construction documents. Pre-approval does not guarantee that the material will be used on the project, only that the bidding contractors will be provided contact information prior to bidding or construction. A copy of all project specifications are attached hereto.

1.3 Criteria/Qualifications:

The documents required for proof of qualification should follow the requirements listed below. Approvals are only valid for the specific site that the documents were submitted for in the proposal. If the company owns multiple borrow pit locations, each location will be reviewed and approved individually. Do not submit any marketing materials.

The interested borrow pit must submit the following information:

1. United States Army Corps of Engineers approved Jurisdictional Determination showing that the subject borrow pit location is not designated as wetlands.
2. Information to substantiate that the borrow pit is at least 300 linear feet away from the levee right of way.
3. Soil classification stamped by a licensed geotechnical engineer certifying that the material conforms to the following requirements: soils classified as CL or CH in accordance with ASTM D2487 with a plasticity index at or above 10. Organic content must be at or below 9% by weight as determined by ASTM D2974, Method C. Material shall have a sand content of less than 35% by weight.

1.4 Submittal Format

All proposals should be received by the Pontchartrain Levee District **by April 11, 2024**. It is the respondent's responsibility to check the Pontchartrain Levee District website frequently for bidding information and possible addenda that may be issued. The Pontchartrain Levee District is not responsible for failure to download any future bidding documents or addenda which effect his RFQ.

Important – Clearly mark the outside of the sealed envelope, box or package with the following information and format:

- X Name and Address of Proposer**
- X Proposal Name: Mississippi River Levee Construction - Borrow Pit Pre-Approval**
- X RFQ# 2024-001**

1.5 Respondent Inquiry Periods

The Pontchartrain Levee District shall not and cannot permit an open-ended inquiry period, as this creates an unwarranted delay in the procurement cycle and Pontchartrain Levee District operations. The Pontchartrain Levee District reasonably expects and requires *responsible and interested* Respondents to conduct their in-depth proposal review and submit inquiries in a timely manner.

An inquiry period is hereby firmly set for all interested Respondents to perform a detailed review of the proposal documents and to submit any written inquiries relative thereto. *Without exception*, all inquiries **MUST** be submitted in writing by an authorized representative of the Respondent, clearly cross-referenced to the relevant solicitation section. All inquiries must be received by the close of business on the Inquiry Deadline date set forth in Section 1.3 Schedule of Events of this RFQ. Only those inquiries received by the established deadline shall be considered by the Pontchartrain Levee District. Inquiries received after the established deadline shall not be entertained.

Inquiries concerning this solicitation may be delivered by e-mail or hand-delivery to:

The Pontchartrain Levee District
Levee District Attn: Monica Salins Gorman
2069 Railroad Avenue, Lutcher, LA 70071
E-Mail: MGORMAN@LEVEEDISTRICT.ORG

An addendum will be issued and posted at the Pontchartrain Levee District website, www.leveedistrict.org, to address all inquiries received and any other changes or clarifications to the solicitation. Thereafter, all proposal documents, including but not limited to the specifications, terms, conditions, plans, etc., will stand as written and/or amended by any addendum. No negotiations, decisions, or actions shall be executed by any Respondent as a result of any oral discussions with any Pontchartrain Levee District employee or Pontchartrain Levee District consultant. It is the Respondent's responsibility to check the Pontchartrain Levee District website frequently for any possible addenda that may be issued. The Pontchartrain Levee District is not responsible for a Respondent's failure to download any addenda documents required to complete an RFQ.

Respondent shall be aware that this RFQ is not subject to the Louisiana Public Bid Law or the Louisiana Procurement Code. As such, Respondents are not provided an opportunity to protest the process or results of this RFQ.

1.6 Schedule of Events

	<u>Date</u>	<u>Time (CT)</u>
1. RFQ Available	March 4, 2024	2:00 PM
2. Deadline to receive written inquiries	March 27, 2024	2:00 PM
3. Deadline to answer written inquiries	April 4, 2024	2:00 PM
4. Proposal Submittal Deadline (deadline for submitting proposals)	April 11, 2024	2:00 PM
5. Oral discussions with Respondents, if applicable	<i>To be scheduled</i>	
6. Notice of Intent to Approve to be mailed	<i>To be scheduled</i>	

NOTE: The Pontchartrain Levee District reserves the right to revise this schedule. Any such revision will be formalized by the issuance of an addendum to the RFQ.

Proposals may only be sent via certified mail, hand delivery, or courier service to the physical location listed:

The Pontchartrain Levee District
Levee District Attn: Monica Salins Gorman
2069 Railroad Avenue, Litcher, LA 70071

2. RESPONSE INFORMATION

2.1 Waiver of Administrative Informalities

The Pontchartrain Levee District reserves the right, at its sole discretion, to waive administrative informalities contained in any solicitation.

2.2 Proposal Rejection/RFQ Cancellation

Issuance of this RFQ in no way constitutes a commitment by the Pontchartrain Levee District to award a contract. The Pontchartrain Levee District reserves the right to accept or reject, in whole or part, all offers submitted and/or cancel this announcement if it is determined to be in the Pontchartrain Levee District's best interest.

2.3 Withdrawal of Qualification Statement

A respondent may withdraw a submitted qualification statement that has been submitted at any time up to the date and time the offer is due. To accomplish this, a written request signed by the authorized representative of the proposer must be submitted to the RFQ Coordinator.

2.4 Ownership of Qualification Statement

All materials submitted in response to this request shall become the property of the Pontchartrain Levee District. Selection or rejection of an offer does not affect this right.

2.5 Proprietary Information

Only information which is in the nature of legitimate trade secrets or non-published financial data may be deemed proprietary or confidential. Any material within a proposal identified as such must be clearly marked in the offer and will be handled in accordance with the Louisiana Public Records Act, R.S. 44: 1-44 and applicable rules and regulations. Any offer marked as confidential or proprietary in its entirety may be rejected without further consideration or recourse.

2.6 Cost of Preparing Qualification Statement

The Pontchartrain Levee District shall not be liable for any costs incurred by respondents prior to issuance of or entering into a contract. Costs associated with developing the offer, preparing for oral presentations, and any other expenses incurred by the respondent in responding to this RFQ are entirely the responsibility of the respondent and shall not be reimbursed in any manner by the Pontchartrain Levee District.

2.7 Errors and Omissions in Qualification Statement

The Pontchartrain Levee District will not be liable for any errors in qualification statements. The Pontchartrain Levee District reserves the right to make corrections or amendments due to errors identified in offers by Pontchartrain Levee District or the respondent. The Pontchartrain Levee District, at its option, has the right to request clarification or additional information from the respondent.

2.8 Code of Ethics

Respondent are responsible for determining that there will be no conflict or violation of the Ethics Code if their company is awarded the contract. The Louisiana Board of Ethics is the only entity which can officially rule on ethics issues.

2.9 Written or Oral Discussions/Presentations

Written or oral discussions may be conducted with Respondents who submit proposals determined to be reasonably susceptible of being selected for award; however, the Pontchartrain Levee District reserves the right to enter into an Agreement without further discussion of the proposal submitted based on the initial offers received. Any such written or oral discussion shall be initiated by the Pontchartrain Levee District.

Any commitments or representations made during these discussions, if conducted, may become formally recorded in the final contract.

Written or oral discussions/presentations for clarification may be conducted to enhance the Pontchartrain Levee District's understanding of any or all of the proposals submitted. Any such written or oral discussions/presentations shall be initiated by the Pontchartrain Levee District. Proposals may be accepted without such discussions.

2.10 Approval of Submitted Proposal

The Pontchartrain Levee District reserves the right to approve any proposal submitted without further discussion of the proposal submitted based on the initial information received.

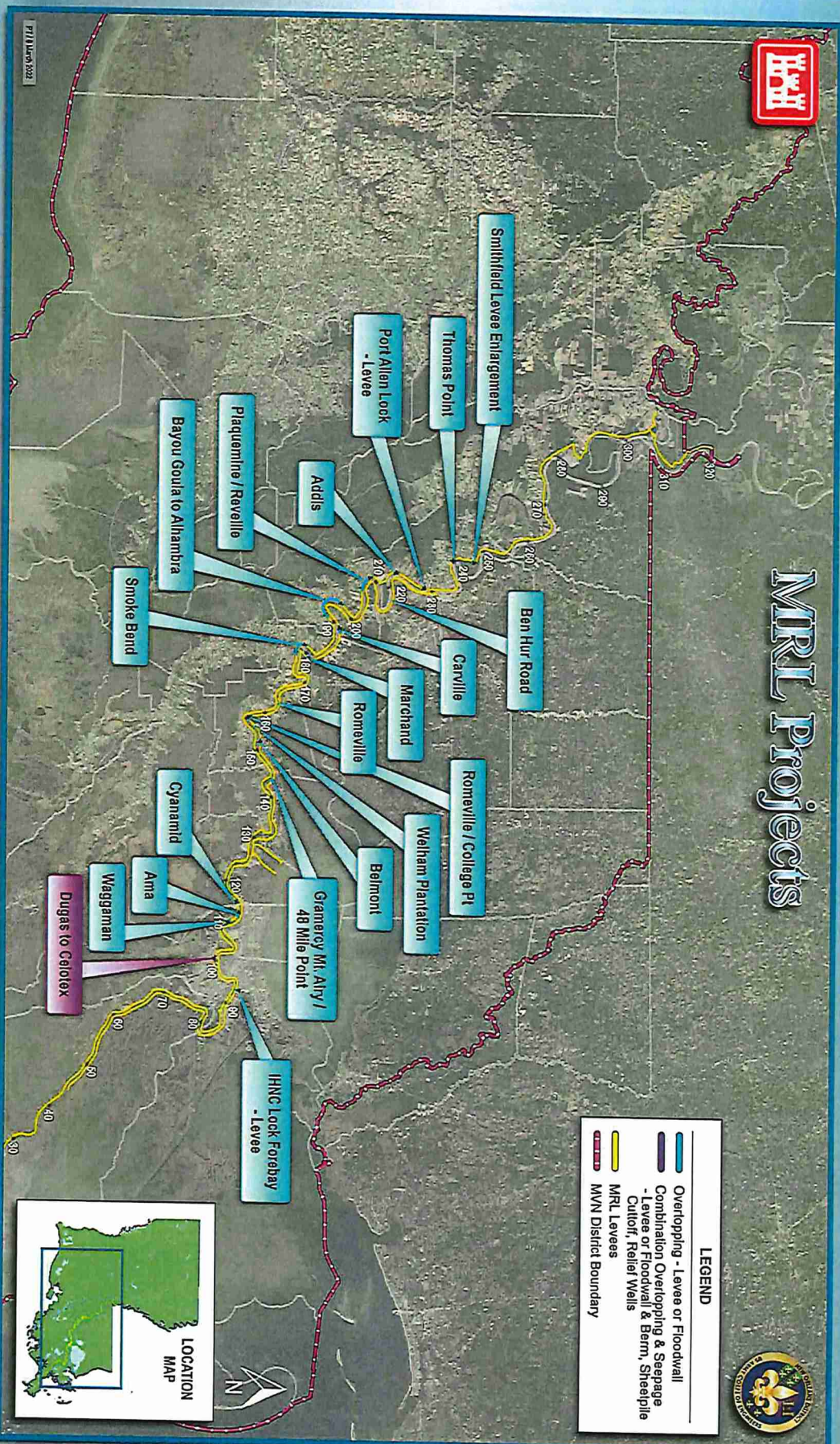
NOTE:

This Notice for Solicitation of Qualifications is to provide Borrow Pit Approval only. Pontchartrain Levee District is under no obligation to contract for the purchase of any fill material product pursuant to this issuance of Solicitation.



Disaster Relief Supplemental Appropriations Act (DRSAA)

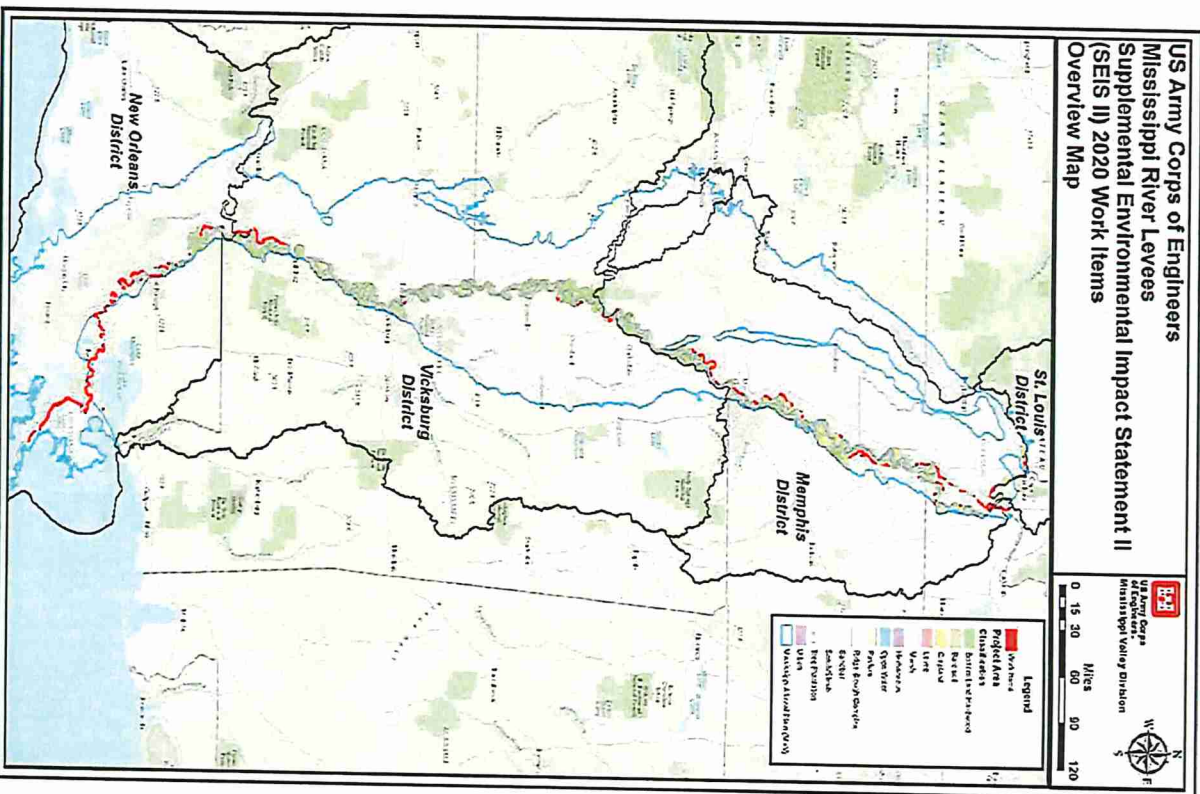
MRL Projects





MRL SEIS II

- 143 Work Items in need of remedial measures necessary to control seepage and/or raise and stabilize deficient sections of levees and floodwalls
- Provide protection up to the congressionally-authorized level of the Project Design Flood
- Reduce flood risk in the Mississippi River alluvial valley between Cape Girardeau, Missouri and the Head of Passes, Louisiana





MRL SEIS II ALTERNATIVES CONSIDERED

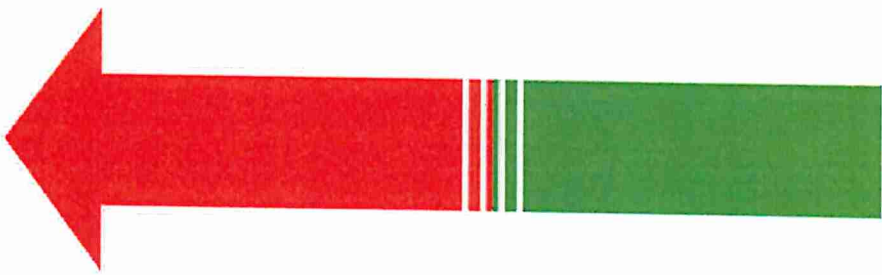
- Alternative 1 - No Action Alternative ➤ Alternative 4 – Nonstructural alternative
- Alternative 2 - Borrow Sources
Selected Based on Most Cost-Efficient Means (Traditional Construction Alternative) ➤ Alternative 5 – Nature-Based Alternative
- Alternative 3 - Borrow Sources
Selected based on Avoid and Minimize Site Ranking Process (Avoid and Minimize Alternative) ➤ Alternative 6 – Levee Setback Alternative

ALTERNATIVE 3 – RECOMMENDED ALTERNATIVE



Avoid and Minimize Alternative Decision Matrix Most Preferable to Least Preferable

- Riverside prior-converted cropland
- Landside cropland from willing sellers
- Riverside farmed wetlands (cropland)
- Riverside farmed wetlands (pasture)
- Riverside herbaceous wetlands not in federal conservation programs
- Riverside forested non-wetlands not in federal conservation programs
- Riverside forested wetland not in federal programs
- Landside/Riverside cropland condemnation





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Pontchartrain Levee District (PLD)



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LEEVE ENLARGEMENT BORROW ASSUMPTIONS & METHODOLOGY

Important to note that the estimates for size of pit are subject to change once field surveys of each project have been completed

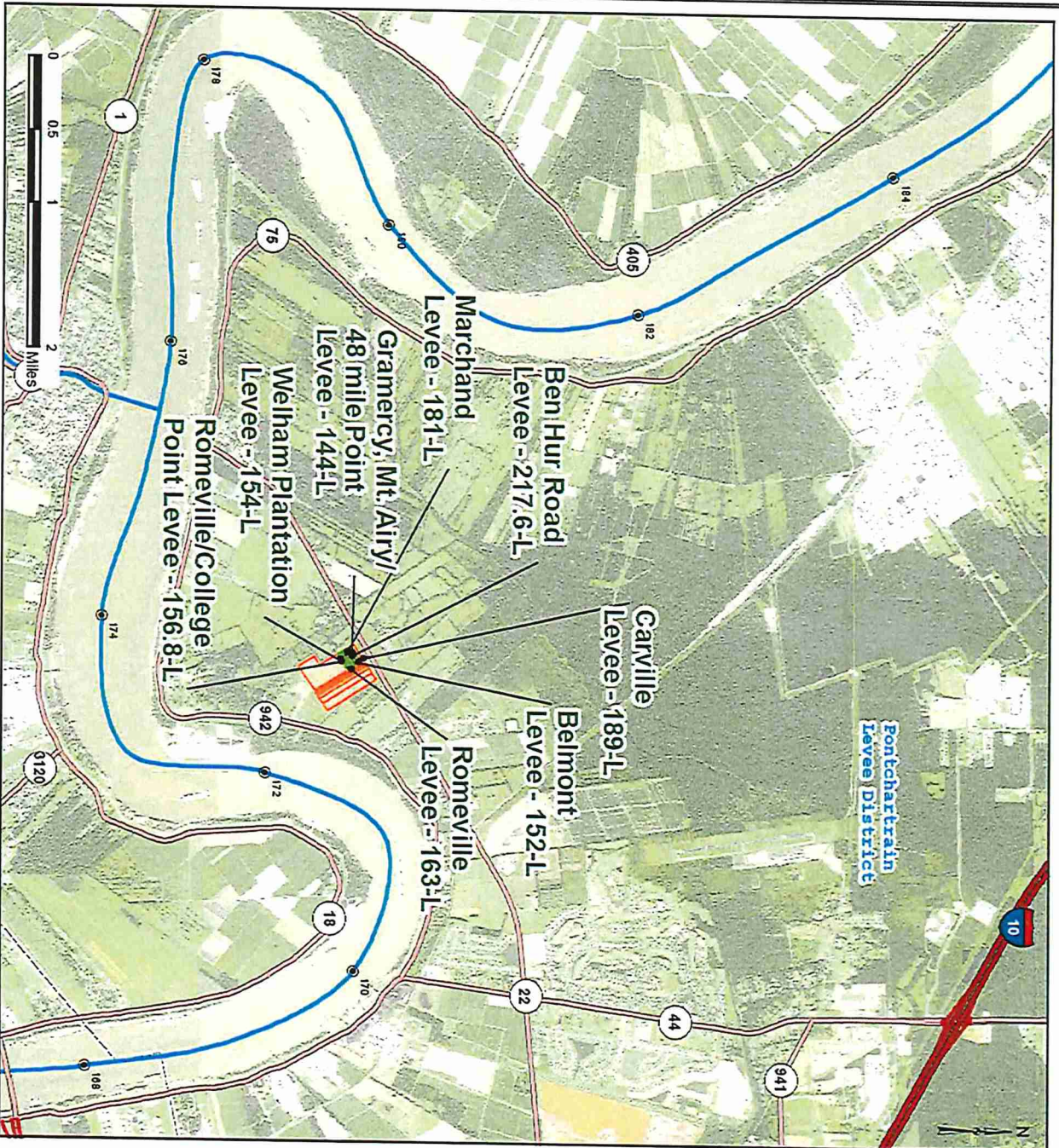
Assumptions:

- Borrow pit depth is 20 feet
- Side Slopes 1V on 3H

Methodology:

- Utilized MRL SEIS II spreadsheet to determine estimated amount of material
- Updated estimated amount of borrow needed to size pit
- Calculated pit size surface area needed in acres

MRL SEIS 2 Borrow Area - Pontchartrain Levee District



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New Orleans District

Legend

- River Miles
- MRL SEIS 2 Borrow for DRSAA Projects
- MRL SEIS 2 Borrow (Multiple Projects)
- Levee Districts of Louisiana



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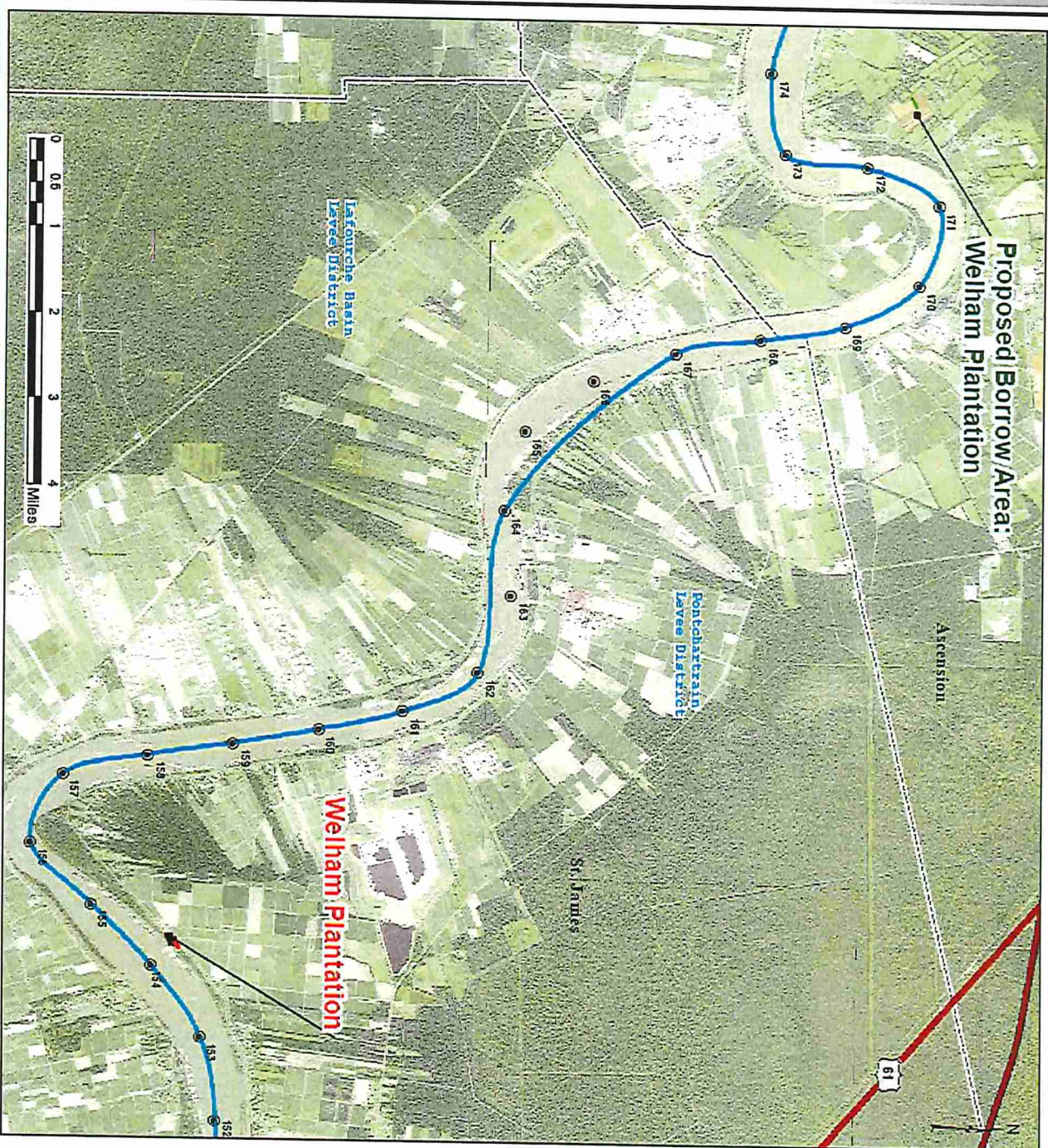


WELHAM PLANTATION, ITEM 154-L PROJECT DETAILS

- Funded via DRSAA
- Budget = \$0 - \$5M
- Station Limits 3790+99 to 3802+99
- This item of work is 0.5 miles long and located on the left descending bank opposite river mile 154. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline.

MRL DRSSAA - Welham Plantation

Proposed Borrow Area:
Welham Plantation



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New Orleans District

Legend

- River Miles
- ↔ Welham Plantation
- MRL SEIS 2 Borrow Areas
- MRL SEIS 2 Borrow (Multiple Projects)
- Levee Districts of Louisiana

Location Map



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WELHAM PLANTATION, ITEM 154-L BORROW

- Estimated Borrow quantity to size pit ~ 8,000 CY
- Right of Entry (ROE) for borrow areas will be required to perform surveys and borings (unless Levee District has existing data)
 - NFSs LERRDS requirement
 - Hauling of borrow is a project cost/feature, not a NFS responsibility
- Environmental Assessment (EA) and Cultural Phase I Survey required for project compliance
- Important to note that if alternate borrow area has more impacts than proposed borrow area covered in the MRL SEIS II (Land Use = Cropland) it may not comply with the Clean Water Act and NEPA



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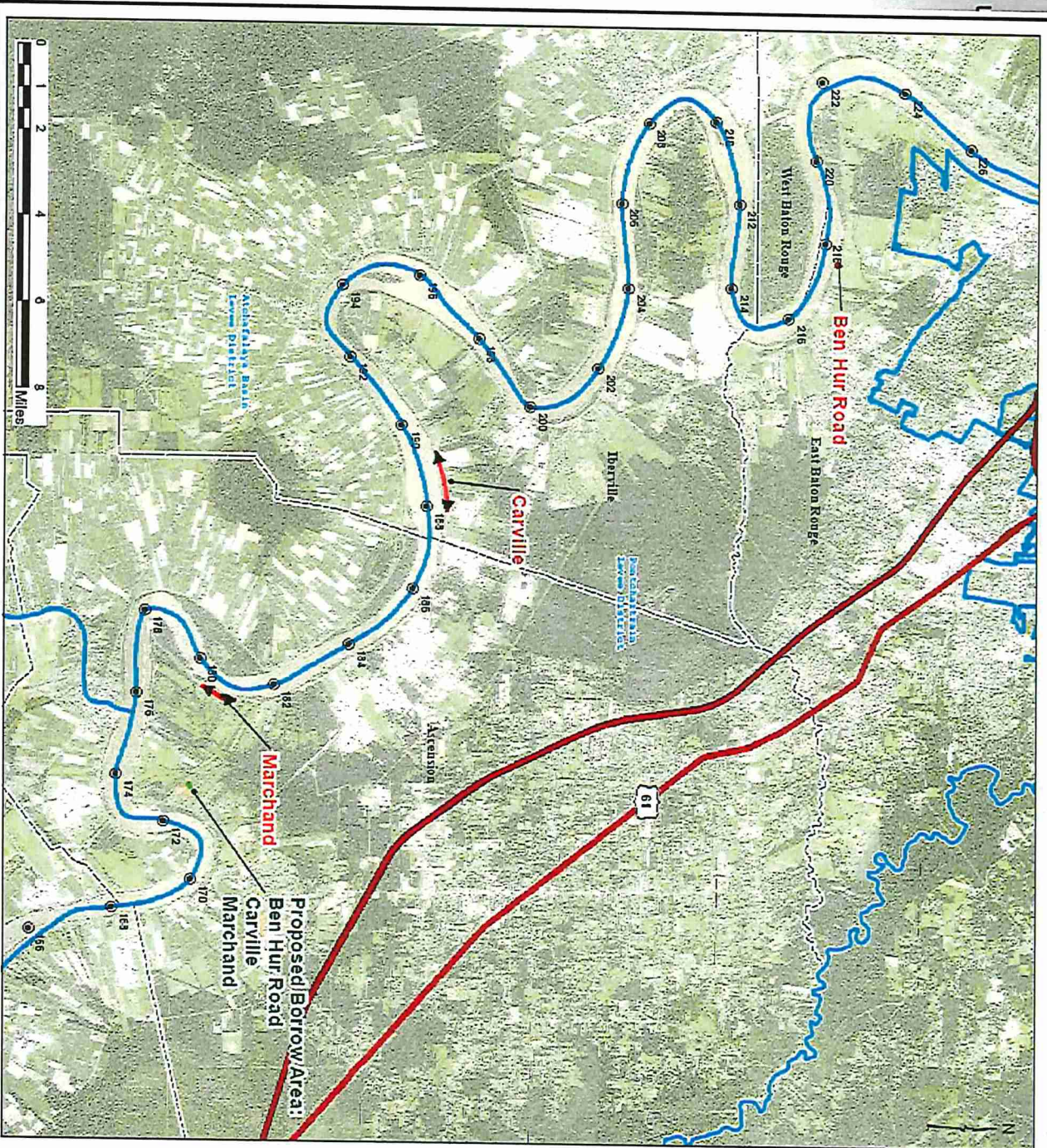
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CARVILLE, ITEM 189-L PROJECT DETAILS

- Funded via DRSAA
- Budget = \$0 - \$5M
- Station Limits 2020+00 to 2096+00
- This item of work is located on the left descending bank opposite river mile 189. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline.

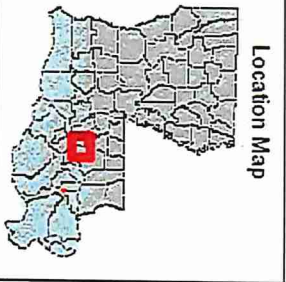
MRL DRSSAA - Marchand, Carville, and Ben Hur Road



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New Orleans District

Legend

- ⊙ River Miles
- ↔ Ben Hur Road
- ↔ Carville
- ↔ Marchand
- MRL SEIS 2 Borrow Areas
- MRL SEIS 2 Borrow (Multiple Projects)
- Levee Districts of Louisiana



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CARVILLE, ITEM 189-L BORROW

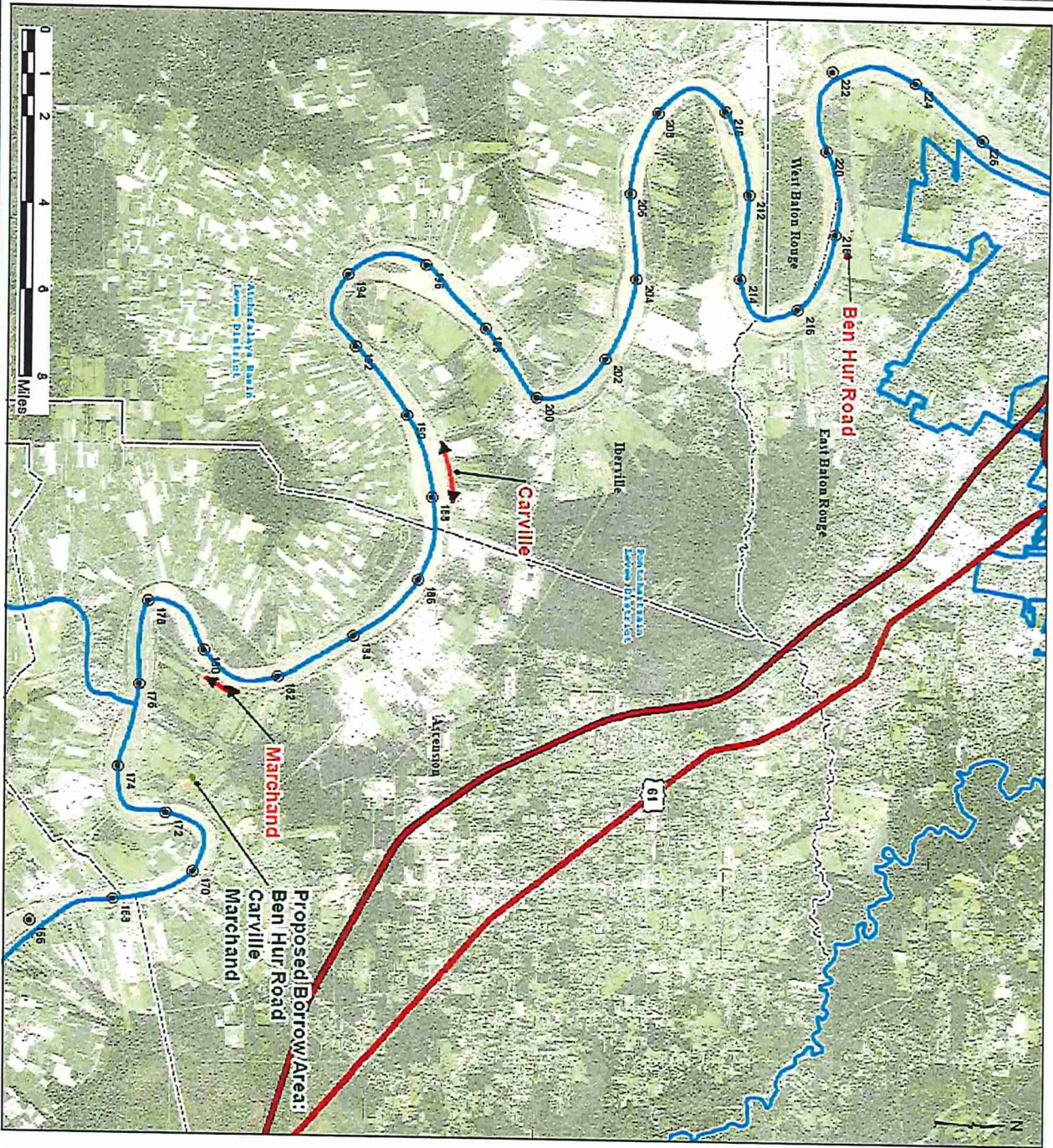
- Estimated Borrow quantity to size pit ~ 104,500 CY
- Right of Entry (ROE) for borrow areas will be required to perform surveys and borings (unless Levee District has existing data)
 - NFSs LERRDS requirement
 - Hauling of borrow is a project cost/feature, not a NFS responsibility
- Environmental Assessment (EA) and Cultural Phase I Survey required for project compliance
- Important to note that if alternate borrow area has more impacts than proposed borrow area covered in the MRL SEIS II (Land Use = Cropland) it may not comply with the Clean Water Act and NEPA



BEN HUR, ITEM 217.6-L PROJECT DETAILS

- Funded via DRSAA
- Budget = \$0 - \$5M
- Station Limits 542+00 to 546+00
- This item of work is 0.07 miles long and located on the left descending bank opposite river mile 217.6. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline.

MRL DRSSA - Marchand, Carville, and Ben Hur Road



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New Orleans District

Legend

- River Miles
- ↔ Ben Hur Road
- ↔ Carville
- ↔ Marchand
- MRL SEIS 2 Borrow Areas
- MRL SEIS 2 Borrow (Multiple Projects)
- Levee Districts of Louisiana



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Date: 7/6/2023



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BEN HUR, ITEM 217.6-L BORROW

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- Estimated Borrow quantity to size pit ~ 9,000 CY
- Right of Entry (ROE) for borrow areas will be required to perform surveys and borings (unless Levee District has existing data)
 - NFSs LERRDS requirement
 - Hauling of borrow is a project cost/feature, not a NFS responsibility
- Environmental Assessment (EA) and Cultural Phase I Survey required for project compliance
- Important to note that if alternate borrow area has more impacts than proposed borrow area covered in the MRL SEIS II (Land Use = Cropland) it may not comply with the Clean Water Act and NEPA



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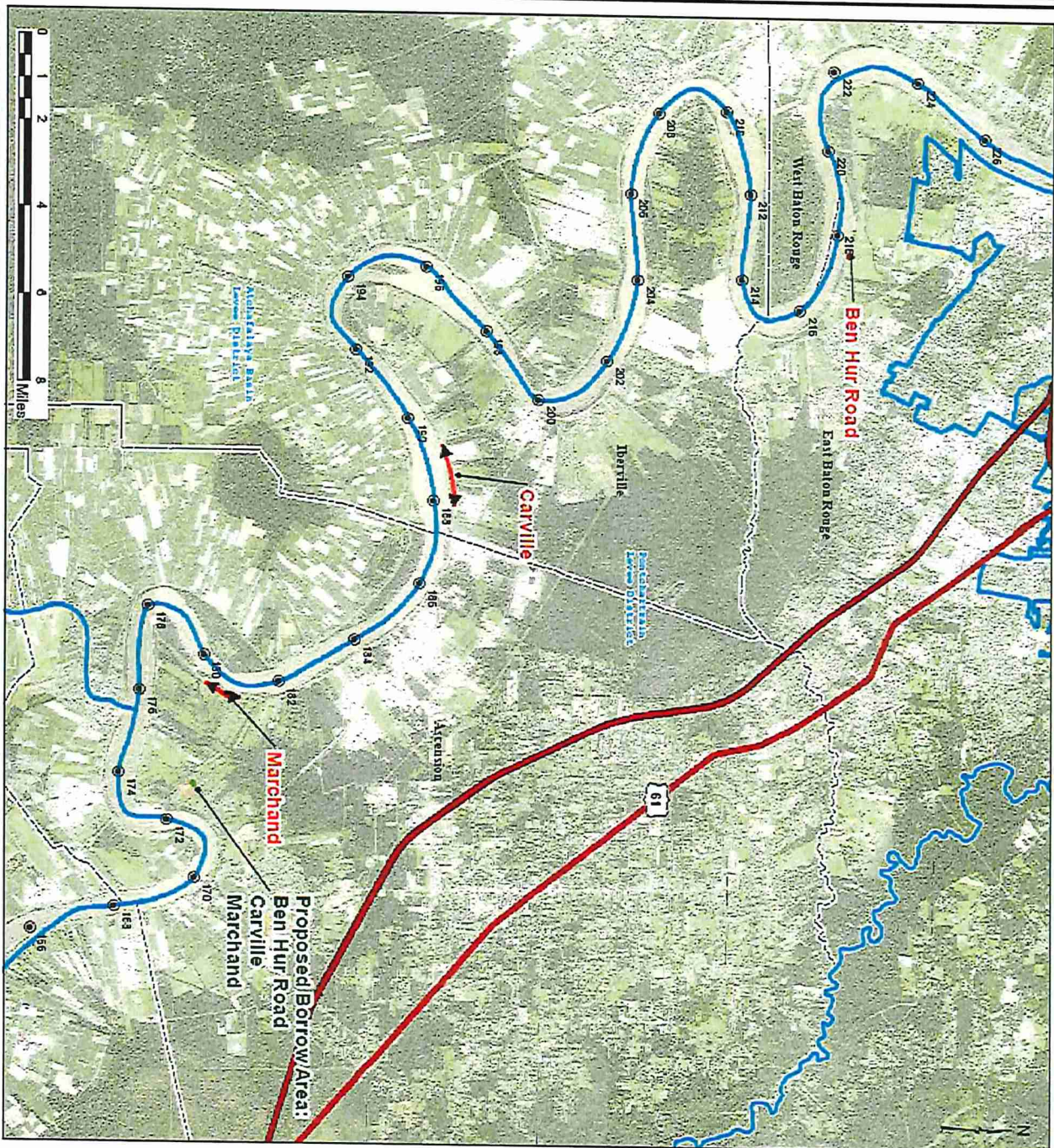
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MARCHAND, ITEM 181-L PROJECT DETAILS

- Funded via DRSAA
- Budget = \$0 - \$5M
- Station Limits 2482+99 to 2529+99
- This item of work is 0.05 miles long and located on the left descending bank opposite river mile 181. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline.

MRL DRSSA - Marchand, Carville, and Ben Hur Road



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New Orleans District

Legend

- River Miles
- ↔ Ben Hur Road
- ↔ Carville
- ↔ Marchand
- MRL SEIS 2 Borrow Areas
- MRL SEIS 2 Borrow (Multiple Project)
- Levee Districts of Louisiana

Location Map



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Date: 7/6/2023

MARCHAND, ITEM 181-L BORROW

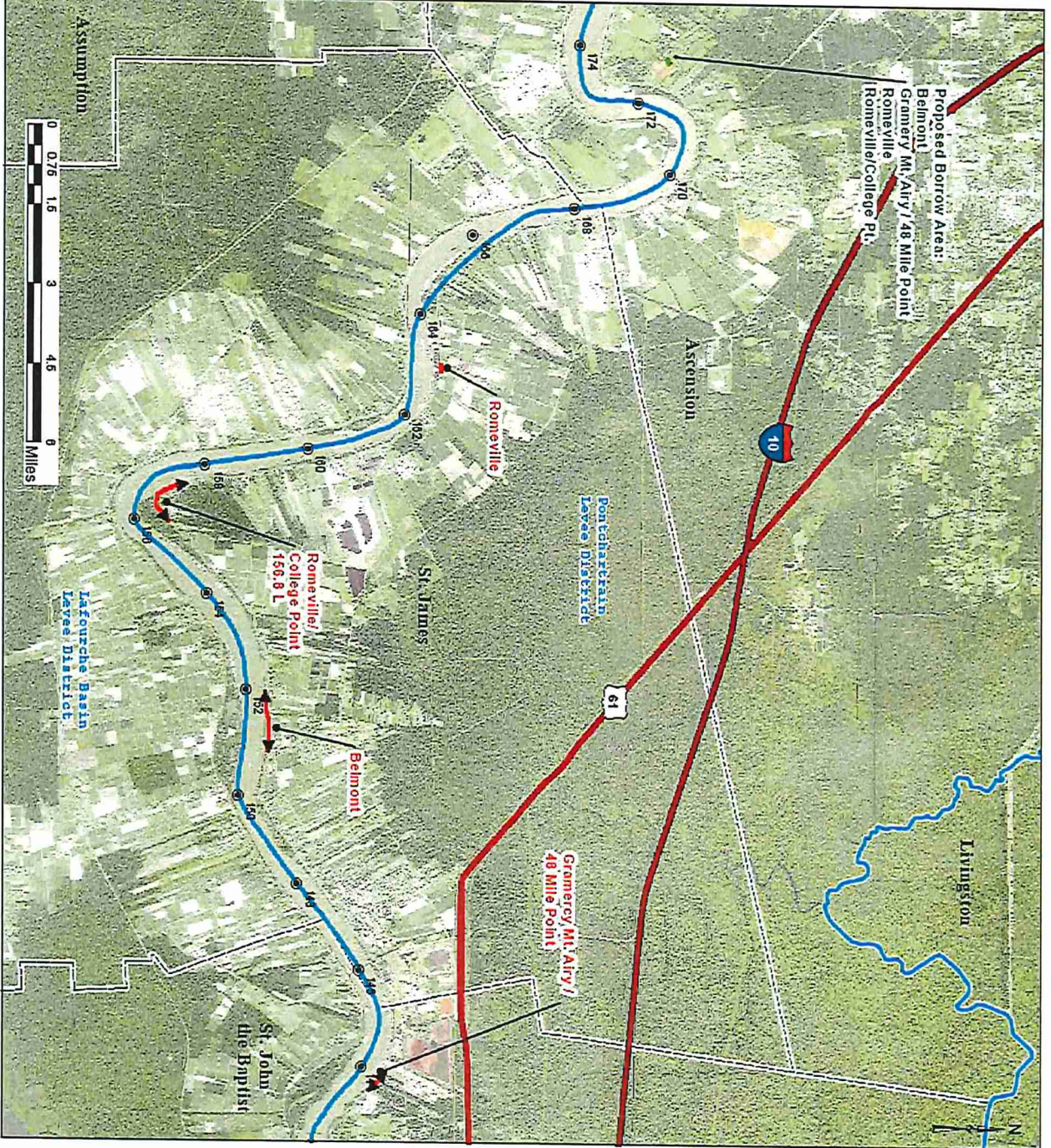
- Estimated Borrow quantity to size pit ~ 140,000 CY
- Right of Entry (ROE) for borrow areas will be required to perform surveys and borings (unless Levee District has existing data)
 - NFSs LERRDS requirement
 - Hauling of borrow is a project cost/feature, not a NFS responsibility
- Environmental Assessment (EA) and Cultural Phase I Survey required for project compliance
- Important to note that if alternate borrow area has more impacts than proposed borrow area covered in the MRL SEIS II (Land Use = Cropland) it may not comply with the Clean Water Act and NEPA



GRAMERCY MT. AIRY/48 MILE POINT, ITEM 144-L PROJECT DETAILS

- Funded via DRSAA
- Budget = \$0 - \$5M
- Station Limits 4350+00 to 4377+00
- This item of work is 0.3 miles long and located on the left descending bank opposite river mile 144. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline.

MRL DRSSA Gramercy, Belmont, Romeville to College Point, Romeville



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New Orleans District

Legend

- River Miles
- ↔ Belmont
- ↔ Gramercy Mt. Airy / 48 Mile Point
- ↔ Romeville
- ↔ Romeville / College Pt.
- ↔ MRL SEIS 2 Borrow Areas
- ↔ MRL SEIS 2 Borrow (Multiple Projects)
- ▭ Levee Districts of Louisiana



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GRAMERCY MT. AIRY/48 MILE POINT, ITEM 144-L - BORROW

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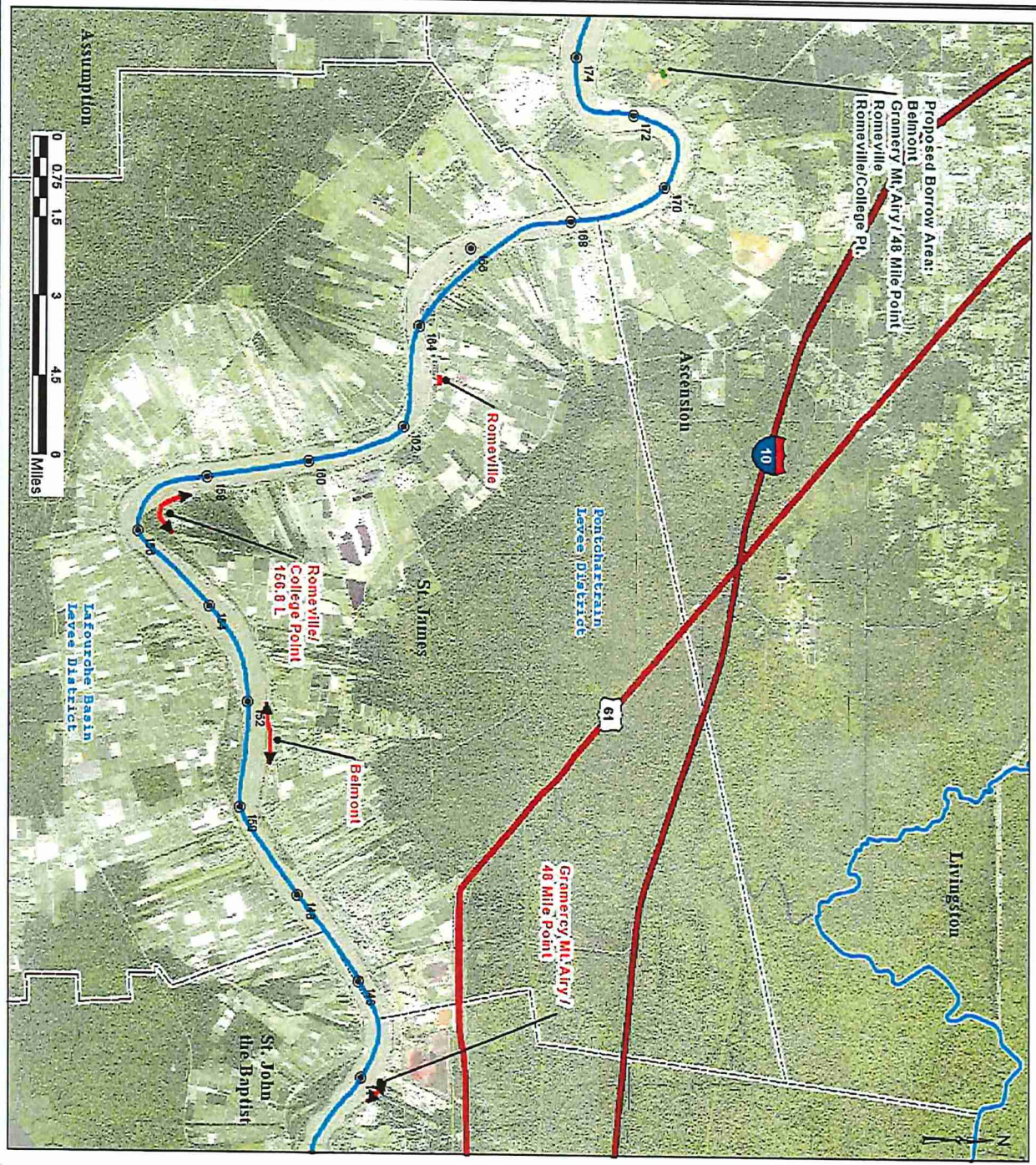
- Estimated Borrow quantity to size pit ~ 8,300 CY
- Right of Entry (ROE) for borrow areas will be required to perform surveys and borings (unless Levee District has existing data)
 - NFSs LERRDS requirement
 - Hauling of borrow is a project cost/feature, not a NFS responsibility
- Environmental Assessment (EA) and Cultural Phase I Survey required for project compliance
- Important to note that if alternate borrow area has more impacts than proposed borrow area covered in the MRL SEIS II (Land Use = Cropland) it may not comply with the Clean Water Act and NEPA



BELMONT, ITEM 152-L PROJECT DETAILS

- Funded via DRSAA
- Budget = \$0 - \$5M
- Station Limits 3923+00 to 3985+00
- This item of work is 0.04 miles long and located on the left descending bank opposite river mile 152. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline.

MRL DRSAA Gramercy, Belmont, Romeville to College Point, Romeville



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Legend

- River Miles
- ↔ Belmont
- ↔ Gramercy Mt. Arty / 48 Mile Point
- ↔ Romeville
- ↔ Romeville / College Pt.
- ↔ MRL SEIS 2 Borrow Areas
- ↔ MRL SEIS 2 Borrow (Multiple Projects)
- ▭ Levee Districts of Louisiana



EGIS-23-043
Date: 7/6/2023



BELMONT, ITEM 152-L - BORROW

- Estimated Borrow quantity to size pit ~ 1,900 CY
- Right of Entry (ROE) for borrow areas will be required to perform surveys and borings (unless Levee District has existing data)
 - NFSs LERRDS requirement
 - Hauling of borrow is a project cost/feature, not a NFS responsibility
- Environmental Assessment (EA) and Cultural Phase I Survey required for project compliance
- Important to note that if alternate borrow area has more impacts than proposed borrow area covered in the MRL SEIS II (Land Use = Cropland) it may not comply with the Clean Water Act and NEPA



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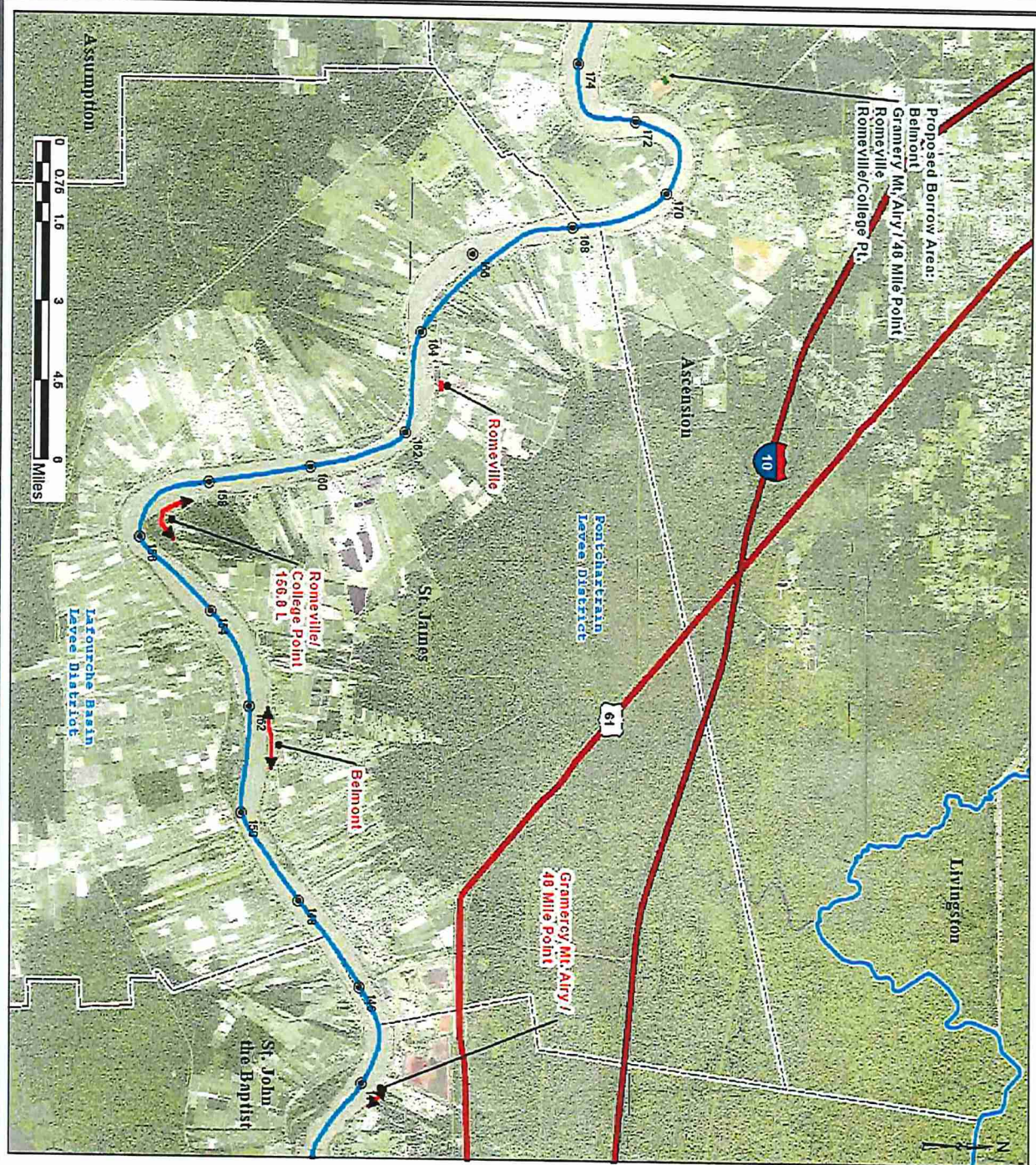


ROMEVILLE/COLLEGE POINT, ITEM 156.8-L PROJECT DETAILS

28

- Funded via DRSAA
- Budget = \$0 - \$5M
- Station Limits 3638+00 3698+00
- This item of work is 0.1 miles long and located on the left descending bank opposite river mile 156.8. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline.

MRL DRSSA Gramercy, Belmont, Romeville to College Point, Romeville



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New Orleans District

Legend

- River Miles
- ↔ Belmont
- ↔ Gramercy Mt. Airy / 40 Mile Point
- ↔ Romeville
- ↔ Romeville / College Pt.
- ↔ MRL SEIS 2 Borrow Areas
- ↔ MRL SEIS 2 Borrow (Multiple Projects)
- ▭ Levee Districts of Louisiana



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Date: 7/6/2023



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ROMEVILLE/COLLEGE POINT, ITEM 156.8-L BORROW

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- Estimated Borrow quantity to size pit ~2,500 CY
- Right of Entry (ROE) for borrow areas will be required to perform surveys and borings (unless Levee District has existing data)
 - NFSs LERRDS requirement
 - Hauling of borrow is a project cost/feature, not a NFS responsibility
- Environmental Assessment (EA) and Cultural Phase I Survey required for project compliance
- Important to note that if alternate borrow area has more impacts than proposed borrow area covered in the MRL SEIS II (Land Use = Cropland) it may not comply with the Clean Water Act and NEPA



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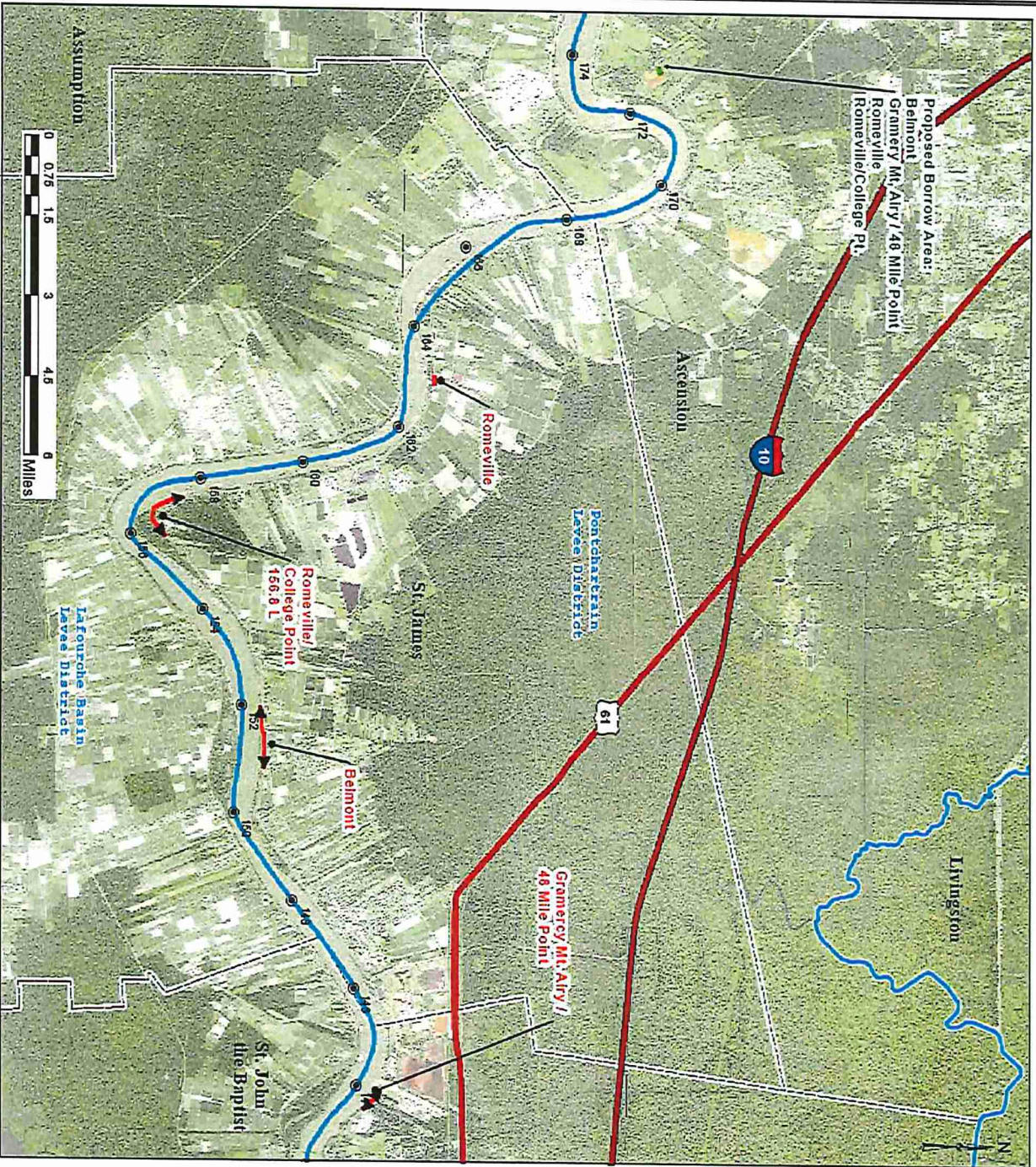
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ROMEVILLE, ITEM 163-L PROJECT DETAILS

- Funded via DRSAA
- Budget = \$0 - \$5M
- Station Limits 3345+00 to 3353+00, Item 163-L
- This item of work is 0.05 miles long and located on the left descending bank opposite river mile 163. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline.

MRL DRSSA Gramercy, Belmont, Romeville to College Point, Romeville



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New Orleans District

Legend

- ⊙ River Miles
- ↔ Belmont
- ↔ Gramercy Mt. Airy / 48 Mile Point
- ↔ Romeville
- ↔ Romeville / College Pt.
- ↔ MRL SEIS 2 Borrow Areas
- ↔ MRL SEIS 2 Borrow (Multiple Projects)
- ▭ Levee Districts of Louisiana

Location Map



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Date: 7/6/2023

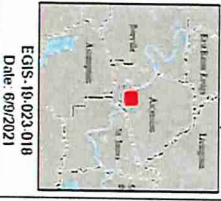
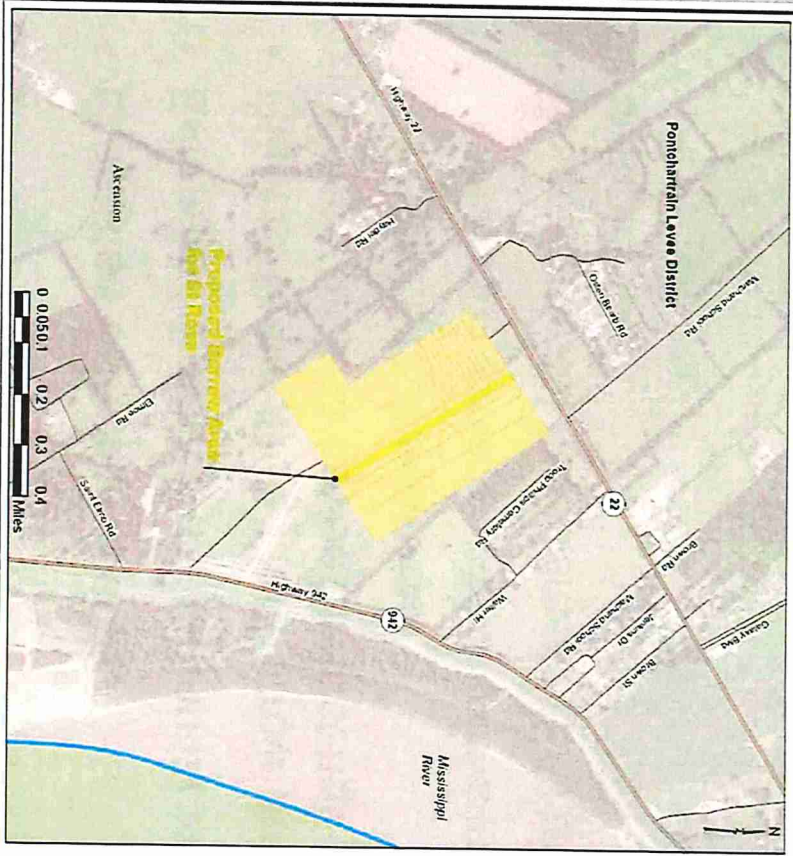


ROMEVILLE, ITEM 163-L - BORROW

- Estimated Borrow quantity to size pit ~1,900 CY
- Right of Entry (ROE) for borrow areas will be required to perform surveys and borings (unless Levee District has existing data)
 - NFSs LERRDS requirement
 - Hauling of borrow is a project cost/feature, not a NFS responsibility
- Environmental Assessment (EA) and Cultural Phase I Survey required for project compliance
- Important to note that if alternate borrow area has more impacts than proposed borrow area covered in the MRL SEIS II (Land Use = Cropland) it may not comply with the Clean Water Act and NEPA



MRL Construction - St Rose Proposed Borrow Map

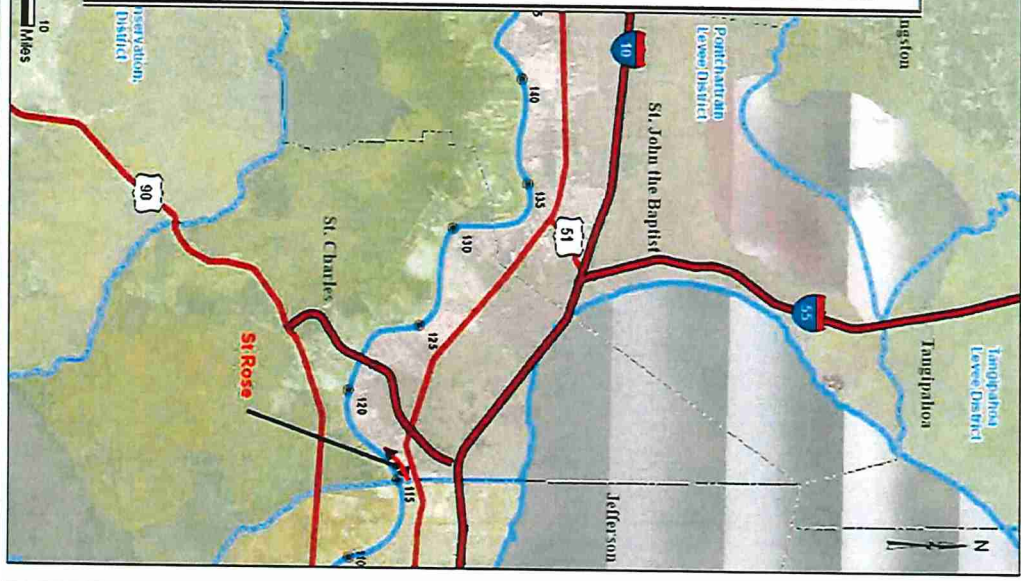


EGIS-19-023-018
Date: 6/9/2021

- Legend**
- River Miles
 - St Rose Proposed Borrow Map
 - All MRL SEIS 2 Borrow Pits
 - Levee Districts of Louisiana



MRL Construction - St Rose



EGIS-19-023-018
Date: 5/21/2021

- Legend**
- River Miles
 - St Rose
 - SEIS2 Borrow Pit
 - All MRL SEIS 2 Borrow Pits
 - Levee Districts of Louisiana





EXAMPLE: ST ROSE - BORROW



- Estimated Borrow ~ 6 acres
- Estimated Embankment quantity to size pit ~ 135,000 CY
- Right of Entry (ROE) for borrow areas will be required to perform surveys and borings (unless Levee District has existing data)
 - NFSs LERRDS requirement
 - Hauling of borrow is a project cost/feature, not a NFS responsibility
- Environmental Assessment (EA) and Cultural Survey required for project compliance

["Embankment."] ["Berm."]

Station Top Width Side Slopes

3.6 CONTRACTOR-FURNISHED BORROW AREAS

3.6.1 General

[The Contractor, at its option, may use borrow areas other than those indicated provided that the Contracting Officer approves their locations and dimensions.] The Contractor shall submit a written statement to the Government within fifteen (15) days after contract award on their intention to provide a Contractor-furnished borrow source [or utilize a borrow source from the Clay Source List in Section 01100, paragraph "CLAY SOURCES".] The statement shall include the proposed site name, a description of the location, and a vicinity map. The Contractor shall ensure that any Contractor-furnished borrow area submitted has all applicable environmental documentation acquired, current, and up-to-date, as described in paragraph "Submittal Package Requirements in Detail". All costs arising or growing out of the use of Contractor-furnished borrow areas shall be borne by the Contractor. The Contractor shall submit the information described in paragraph "Submittal Package Requirements in Detail" to the Contracting Officer for review and approval. The Contractor shall comply with the requirements of the Section 01100 GENERAL PROVISIONS, provision "RIGHTS-OF-WAY," subparagraph b.

3.6.2 Time Extensions

No time extension to the contract completion date will be granted to the Contractor for delays incurred in obtaining Contractor-furnished borrow areas. The Contractor shall be solely responsible for any and all damages, claims for damages, and liability of any nature whatsoever arising from or growing out of the use of borrow areas other than those furnished by the Government.

3.6.3 Approval

Approval of the location and dimensions of the Contractor-furnished borrow area shall neither relieve the Contractor from its obligation to furnish satisfactory material to the project nor commit the Government to the acceptance of the responsibility for the character, quantity, or availability of material in Contractor-furnished borrow areas.

3.6.4 Submittal Package Requirements

The Contractor in a single, complete package shall submit the following information for its proposed Contractor-furnished borrow area, whether it is from the "Clay Source List" or it is a new proposed site. All documentation presented for the proposed borrow source shall be current and up-to-date. The submittal of incomplete, out of date, or insufficient documentation may result in the Contractor being denied the use of the proposed borrow source. The Contractor shall allow a minimum of thirty (30) days, after the receipt of the package, for the Government's review, processing, and approval. The Contractor shall allow a minimum of one hundred twenty (120) days after the receipt of the package for the Government's review, processing, and approval of a new proposed borrow source that hasn't been previously investigated.

- (1) Right of Entry.
- (2) Maps as follows:
 - (a) Location and Direction map.
 - (b) Topographic map(s) with scale of 1:24,000.
 - (c) Layout map with dimensions and property boundary defined by latitude and longitude.
 - (d) Soil boring location map.
- (3) Jurisdictional Wetlands Determination from the USACE.
- (4) Coastal Zone Management (CZM) Coastal Use Permit (CUP).
- [(5) Threatened & Endangered Species (T&E) concurrence from the U.S. Fish and Wildlife Service.]
- (6) Phase I Cultural Resources Survey
- [(7) Phase I Environmental Site Assessment.]
- (8) Geotechnical report.
- (9) Borrow Area Agronomy Report.
- [(10) Borrow Area Management Plan]
- (11) Mitigation Protection Plan
- (12) Zoning classification
- (13) Environmental Protection Plan
- (14) Louisiana Department of Transportation and Development (LADOTD) permits or approvals

3.6.5 Submittal Package Requirements in Detail

3.6.5.1 Right of Entry

A Right of Entry form signed by the landowner(s) that covers the contract duration shall be included in the package. If the proposed clay source Point-of-Contact (POC) is not the landowner, then the Contractor furnished package should include a document signed by the landowner(s) stating that the POC is acting as an agent of the landowner(s) and has the right to represent the landowner(s) in all Contractor-furnished efforts. In the event the POC is unable to obtain the signature of each landowner, then the POC must submit a letter stating the name, address, and phone number of each landowner and that the POC has the authority of the landowner(s) to represent the landowner(s) in all Contractor-furnished efforts.

3.6.5.2 Maps

The following maps shall be provided:

- (1) A map of the general area giving detailed instructions on how to get to the Contractor-furnished borrow area from the nearest major highway.
- (2) A topographic map(s) (quadrangle) with a scale of 1:24,000 with the location of the borrow area superimposed. The map should be zoomed out enough to show the nearest city or town.
- (3) A layout map of the borrow area showing the dimensions of the proposed excavation, locations of soil borings, and latitude/longitude points to reference property boundaries. The map shall show the location and dimensions of any haul road that exists or is to be constructed to help the Contractor in its hauling operation. The map shall also show the location and dimensions of any protection dikes which will help the Contractor drain and keep the borrow area dry.

3.6.5.3 Wetlands Determination

Package must include U.S. Army Corps of Engineers (USACE) Jurisdictional Wetland Determination (JD) letter and map. The Contractor shall avoid jurisdictional wetlands, with an adequate buffer. The Corps is currently avoiding impacts to jurisdictional wetlands, as such Contractors are advised that sites with jurisdictional wetlands present that would be impacted by the Contractors borrow actions are to be avoided. If the Contractors plan includes impacts to jurisdictional wetlands due to an unrelated construction activity, a USACE Section 404 permit and/or Section 10 permit will be required. A Section 10/404 Permit does not constitute full environmental compliance for potential use as an Hurricane & Storm Damage Risk Reduction System (HSDRRS) borrow area. The landowner must still submit all other required environmental documentation, as detailed in paragraph "Submittal Package Requirements in Detail", to be considered for approval for any HSDRRS borrow related activities including, but not limited to, excavation, transportation, staging, stockpiling and processing. A JD is valid, and considered current for five (5) years from the date of issuance.

3.6.5.4 Coastal Zone Management (CZM)

Package must include a Coastal Use Permit (CUP) Application, and a Letter of No Objection (LNO) or CUP from the Louisiana Department of Natural Resources for borrow areas in Louisiana, or the respective state agency for other states. A CUP Application, and CUP or LNO from the local agency must be provided when the state decides that it is a matter of Local Concern. A CUP is valid, and is considered current usually for two (2) years from the date of issuance.

3.6.5.5 Threatened & Endangered Species (T&E)

Package must include a consultant's report and a concurrence letter of "No Effect on T&E Species" from the U.S. Fish & Wildlife Service. The consultant's report must include a map of the studied area with the study area boundary defined by x-y coordinate system. T&E concurrence is valid, and considered current for one (1) year from the date of issuance.

3.6.5.6 Cultural Resource Report

Package must include seven (7) bound copies of a Phase I Cultural Resource Survey prepared by a professional cultural resource management (CRM) company that has staff who meet the Secretary of the Interior's Professional Qualifications Standards

<https://www.nps.gov/subjects/historicpreservation/upload/standards-guidelines-archeolo>
The report must include a map of the studied area with the study area boundary defined by x-y coordinate system.

3.6.5.7 Environmental Site Assessment

Package must include an Environmental Site Assessment (ESA) that shows a low risk of encountering Recognized Environmental Conditions (REC). The ESA must conform to ASTM E 1527 or ASTM E 2247 (if applicable) standards. The ESA must include a map of the studied area with the study area boundary defined by x-y coordinate system. An ESA is valid, and considered current for six (6) months from the date of the report.

3.6.5.8 Soil Boring Analysis

Package must include a Geotechnical Report stamped and signed by a licensed civil engineer with a specialization in geotechnical engineering certifying that the proposed source contains suitable material meeting the specifications outlined below.

(1) The Geotechnical Report must consist of a summary and conclusion section in the main body of the report with any supporting data attached separately. The licensed engineer shall determine the sub-surface investigations required. These investigations should include but are not limited to continuous soil borings and test pits. Cone Penetrometer tests may also be included to supplement the physical samples and lab testing provided.

(2) Investigations shall be spaced according to the geotechnical engineer's sub-surface evaluation and be representative of the entire proposed source. The licensed engineer's test plan must provide a comprehensive sampling to at least five (5) feet below the bottom of the proposed excavation.

(3) All soil samples must be classified in accordance with the Unified Soil Classification system. See below for required soil testing. The supporting data attached to the geotechnical report shall be comprehensive and include as a minimum all field logs, soil sampling and testing results, and a detailed investigation location map with the location of the potential borrow source and all investigation locations superimposed. The soil investigation locations must include latitudes and longitudes for plotting purposes.

3.6.5.9 Laboratory Tests

The following laboratory tests must be performed:

(1) Soil classification shall be performed in accordance with the Unified Soil Classification System and ASTM D 2487.

(2) Atterberg Limits Test shall be performed in accordance with

Mississippi River Levee (MRL) Supplemental Environmental Impact Statement (SEIS II)

NOTE: Work item/project descriptions are to be considered draft and subject to change. Work items/projects are listed in order by river mile and by levee district.

Pontchartrain Levee District (PLD)

1. Ben Hur Road, LA, Levee, Item 217.6-L. This item of work is 0.07 miles long and located on the left descending bank opposite river mile 217.6. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
2. Plaquemines Point, LA, Berm and/or Wells, Item 208-L. This item of work is 0.9 miles long and located on the left descending bank opposite river mile 208. The item consist of either embankment berm construction and/or relief wells to control seepage in the area. The borrow area (approximate 5 acres) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
3. Lower Plaquemines Point, LA, Levee, Item 199-L. This item of work is 5.5 miles long and located on the left descending bank opposite river mile 199. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 14 acres) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
4. Carville, LA, Levee, Item 189-L. This item of work is 0.7 miles long and located on the left descending bank opposite river mile 189. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 1.5 acres) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
5. Marchand, LA, Levee, Item 181-L. This item of work is 0.05 miles long and located on the left descending bank opposite river mile 181. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
6. Romeville, LA, Levee, Item 163-L. This item of work is 0.05 miles long and located on the left descending bank opposite river mile 163. The item consist of raising the levee an average of 1.0 feet extending over the length of the work

item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the land side of the levee in a cropland area.

7. Romeville/College Point 156.8 L, LA, Levee, Item 156.8-L. This item of work is 0.1 miles long and located on the left descending bank opposite river mile 156.8. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
8. Welham Plantation, LA, Levee, Item 154-L. This item of work is 0.5 miles long and located on the left descending bank opposite river mile 154. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
9. Belmont, LA, Levee, Item 152-L. This item of work is 0.04 miles long and located on the left descending bank opposite river mile 152. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
10. Paulina/Lutcher/Gramercy, LA, Levee, Item 148-L. This item of work is 3.8 miles long and located on the left descending bank opposite river mile 148. The item consist of raising the levee an average of 2.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 10 acres) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
11. Gramercy.Mt. Airy/48 mile Point, LA, Levee, Item 144-L. This item of work is 0.3 miles long and located on the left descending bank opposite river mile 144. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 1 acre) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
12. Reserve, LA, Levee, Item 136-L. This item of work is 2.1 miles long and located on the left descending bank opposite river mile 136. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 3 acres) to construct the levee raise for this item is located on the land side of the levee in a cropland area.

13. Laplace, LA, Levee, Item 133-L. This item of work is 0.5 miles long and located on the left descending bank opposite river mile 133. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 1 acre) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
14. 35 Mile Point, LA, Levee, Item 130-L. This item of work is 0.6 miles long and located on the left descending bank opposite river mile 130. The item consist of raising the levee an average of 2.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 2.5 acres) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
15. Bonnet Carre to New Sarpy, LA, Levee, Item 124-L. This item of work is 1.8 miles long and located on the left descending bank opposite river mile 124. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 4 acres) to construct the levee raise for this item is located on the land side of the levee in a cropland area.
16. St. Rose (Kenner Revet), LA, Levee, Item 115-L. This item of work is 1.3 miles long and located on the left descending bank opposite river mile 115. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 3 acres) to construct the levee raise for this item is located on the land side of the levee in a cropland area.

Lafourche Basin Levee District (LBLD)

1. Stella Landing, LA, Levee, Item 173.9-R. This item of work is 0.1 miles long and located on the right descending bank opposite river mile 173.9. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
2. Aben, LA, Levee, Item 172.6R. This item of work is 1.6 miles long and located on the right descending bank opposite river mile 172.6. The item consist of raising the levee an average of 2.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 4 acres) to construct the levee raise for this item is located on the river side of the levee in a cropland area.

3. Point Houmas (Lauderdale), LA, Levee, Item 165-R. This item of work is 0.5 miles long and located on the right descending bank opposite river mile 165. The item consist of raising the levee an average of 2.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 2 acres) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
4. Brilliant Point 163.5 R, LA, Levee, Item 163.5-R. This item of work is 1.7 miles long and located on the right descending bank opposite river mile 163.5. The item consist of raising the levee an average of 2.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 10 acres) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
5. Barton Lane 159.7 R, LA, Levee, Item 159.7-R. This item of work is 0.1 miles long and located on the right descending bank opposite river mile 159.7. The item consist of raising the levee an average of 2.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
6. St. Amelia 158R, LA, Levee, Item 158-R. This item of work is 0.02 miles long and located on the right descending bank opposite river mile 158. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
7. St. James Moonshine, LA, Levee, Item 156-R. This item of work is 1.3 miles long and located on the right descending bank opposite river mile 156. The item consist of raising the levee an average of 3.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 5 acres) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
8. Vacherie, LA, Levee, Item 149-R. This item of work is 0.2 miles long and located on the right descending bank opposite river mile 149. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
9. Wallace, LA, Levee, Item 147.3-R. This item of work is 0.8 miles long and located on the right descending bank opposite river mile 147.3. The item consist of raising the levee an average of 2.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 2

acres) to construct the levee raise for this item is located on the land side of the levee in a cropland area.

10. Oak Alley - Willow Grove 142.6-144 R, LA, Levee, Item 143.7-R. This item of work is 0.1 miles long and located on the right descending bank opposite river mile 143.7. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
11. Upper Edgard 142 R, LA, Levee, Item 142-R. This item of work is 0.3 miles long and located on the right descending bank opposite river mile 142. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
12. Lower Edgard (3) 135.2-136.2 R, LA, Levee, Item 135.7-R. This item of work is 0.1 miles long and located on the right descending bank opposite river mile 135.7. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
13. Lower Edgard 131.7 R, LA, Levee, Item 131.7-R. This item of work is 0.4 miles long and located on the right descending bank opposite river mile 131.7. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 1 acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
14. Hahnville, Flagville, Dufresne 120-128.5 R, LA, Levee, Item 124.3-R. This item of work is 0.4 miles long and located on the right descending bank opposite river mile 124.3. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 1 acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
15. Lone Star to Davis Pond, LA, Levee, Item 119.2-R. This item of work is 1.0 miles long and located on the right descending bank opposite river mile 119.2. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 2 acres) to construct the levee raise for this item is located on the river side of the levee in a cropland area.

16. Davis Pond Freshwater Diversion Structure Floodwall, LA, Floodwall, Item 118.5-R. This item of work is 0.05 miles long capped sheet pile floodwall and located on the right descending bank opposite river mile 118. The item consist of removing the existing I-wall and replacing with a pile-founded, concrete T-wall.
17. Ama #2, LA, Levee, Item 117.3-R. This item of work is 0.2 miles long and located on the right descending bank opposite river mile 117.3. The item consist of raising the levee an average of 1.0 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (less than an acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.
18. Cyanamid, LA, Levee, Item 115.5-R. This item of work is 0.3 miles long and located on the right descending bank opposite river mile 115.5. The item consist of raising the levee an average of 1.5 feet extending over the length of the work item with a land side shift of the centerline. The borrow area (approximate 1 acre) to construct the levee raise for this item is located on the river side of the levee in a cropland area.