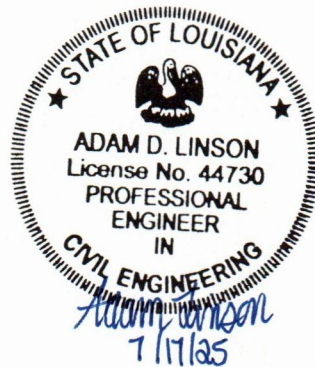
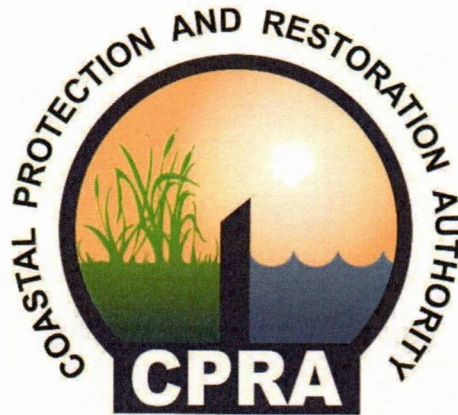


**ADDENDUM 2 TO BID DOCUMENTS FOR THE
BAYOU CANE MARSH CREATION PROJECT
(PO-0181)**

ST. TAMMANY PARISH, LOUISIANA



**STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY**

July 17, 2025

ADDENDUM 2 TO BID DOCUMENTS BAYOU CANE MARSH CREATION PROJECT (PO-0181)

The interpretations, clarifications, corrections, and/or revisions in this addendum supersede the requirements in the Bid Documents dated June 2025 and stamped and sealed by the Engineer of Record on June 9, 2025. The successful bidder will be issued a completed revised set of plans and specifications upon request.

Bidders shall acknowledge receipt of this addendum in the Louisiana Public Work Bid Form.

I. POSTPONEMENT OF BID OPENING

NOTICE TO BIDDERS: BAYOU CANE MARSH CREATION PROJECT (PO-0181) bid opening date has been extended fourteen (14) days to until **2:00 P.M., Tuesday, August 12, 2025**. Sealed Bids will be received for the State of Louisiana by the Coastal Protection and Restoration Authority at 150 Terrace Avenue, 1st Floor Conference Room (Room 152) Baton Rouge, Louisiana 70802 until 2:00 P.M, Tuesday, August 12, 2025.

Please submit questions regarding the bid by **August 1, 2025 by 2:00 P.M.** in writing to cpa.bidding@la.gov.

II. REVISED LOGISTICS FOR THE HIGHLY ENCOURAGED JOBSITE VISIT

NOTICE TO BIDDERS: The highly-encouraged site visit scheduled for July 22, 2025 will be cancelled. The logistics of the highly encouraged jobsite visit have been revised as follows:

It is the responsibility of all potential bidders to visit the Project Site to assess the location, logistics, and site conditions prior to bidding. Potential bidders shall coordinate with the U.S. Fish and Wildlife Service (USFWS) to obtain the required Special Use Permit prior to accessing the Big Branch National Wildlife Refuge by emailing Barret Fortier (barret_fortier@fws.gov) and Jimmy Laurent (jimmy_laurent@fws.gov) by **July 21, 2025 at 12:00 P.M.** Potential bidders shall also coordinate with Louisiana Office of State Parks prior to accessing Fontainebleau State Park by emailing Hunter Lero (hlero@crt.la.gov) by **July 21, 2025 at 12:00 P.M.** with the personnel names, company affiliation, and proposed date, time, and length of the site visit. Potential bidders shall not enter any delineated no work zones as shown on the Plans. Access will only be permitted on the following dates:

- July 23, 2025
- July 24, 2025
- July 25, 2025
- July 28, 2025
- July 29, 2025

Contact April Newman at (225) 342-6412 with any questions or issues pertaining to the highly encouraged jobsite visit.

III. ATTACHMENTS

Attachment A – Pre-Bid Meeting PowerPoint Presentation

Attachment B – Pre-Bid Sign-in Sheet and Online Participants List

ATTACHMENT A

Bayou Cane Marsh Creation

(PO-0181)

NON-MANDATORY PRE-BID CONFERENCE



Virtual Meeting Process

Meeting audio may be access through your computer/device. If your computer/device does not have audio, meeting audio can be access via phone with the following call-in information:

Conference Line Phone Number: USA **+1 872-239-6160**

Access Number: **789955349#**

- This meeting is being recorded.
- Attendees will be muted until the end of the presentation, which will be followed by an informational Q&A period.
- Questions may be entered by using the chat function during the presentation; unofficial responses will be provided when possible.
- Any questions submitted during this meeting will be considered unofficial.
- To request a formal response, questions must be submitted in writing, by the stated deadline, to:
cpra.bidding@la.gov
- In the event of technical issues, attendees are to log out and back in.

PROJECT PURPOSE

- Restore marshes converted to open water.
- Create/restore up to 558 acres of marsh along the north shore of Lake Pontchartrain.
- Funded by the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA).



Introductions



LOCAL SPONSOR /
OWNER

ADAM D. LINSON, P.E. (CPRA), **ENGINEER OF RECORD**

CONNOR HANNAN, P.E. (CPRA), **CONSTRUCTION MANAGER**

APRIL NEWMAN (CPRA), **PROJECT MANAGER**

STANTEC – **CONSTRUCTION ADMIN AND INSPECTION**



FEDERAL SPONSOR

ROBERT DUBOIS (USFWS), **FEDERAL SPONSOR**

Presentation Overview

- Bidding Documents and Bid Process
- Project Overview and Background
- Construction Overview (Plans and Specifications)
- Questions/Closing

Bidding Documents and Bid Process



Bidding Documents and Bid Process

BIDDING DOCUMENTS AND ADDENDA, AND BIDDER QUESTIONS

- Complete bidding documents and addenda are available for download on the Louisiana Coastal Protection and Restoration Authority website at:

<https://coastal.la.gov/resources/rfps-rsiqs-contracts/bids/>

- Please submit questions regarding the bid by July 21st at 2:00pm in writing to:

cpra.bidding@la.gov

- All verbal responses given at this conference will not be binding.

Bidding Documents and Bid Process

BID OPENING

BIDS ARE DUE BY 2:00PM ON JULY 29TH, 2025, UNLESS MODIFIED BY ADDENDUM.

Hand Delivery or Registered or Certified Delivery

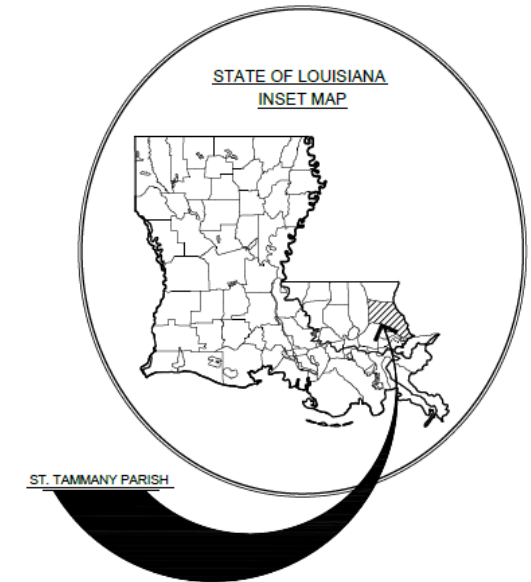
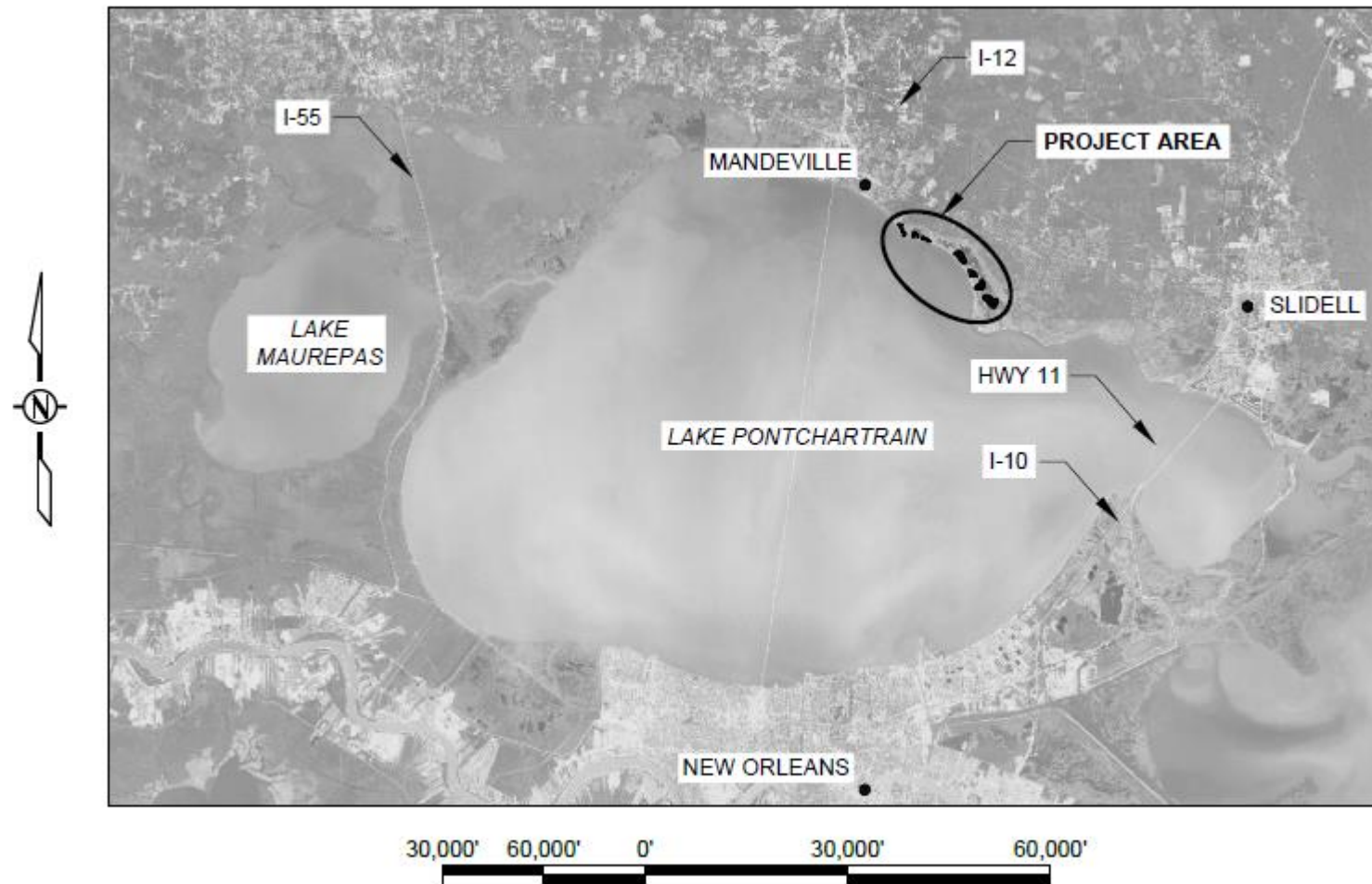
Coastal Protection and Restoration Authority
150 Terrace Avenue
Baton Rouge, LA 70802

Project Overview and Background



Project Overview and Background

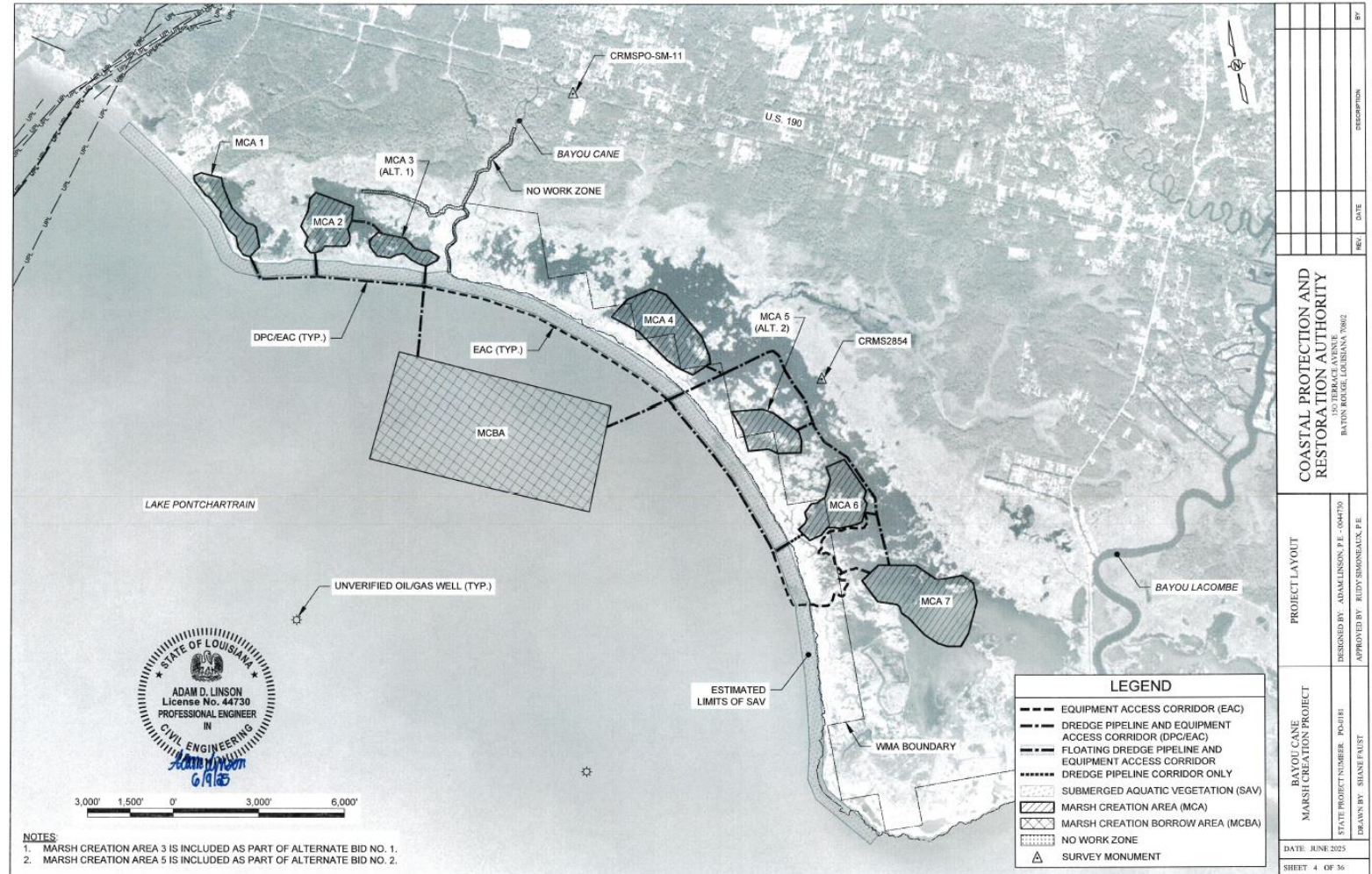
VICINITY MAP



Project Overview and Background

PROJECT LAYOUT – OVERVIEW

- Bid Schedule is separated into a Base Bid, Alternate No. 1, and Alternate No. 2.
- Seven (7) total marsh creation areas:
 - Five (5) in the base Bid (MCA-1, 2, 4, 6, & 7)
 - One (1) in Alternate No. 1 (MCA-3)
 - One (1) in Alternate No. 2 (MCA-5)
- All marsh creation areas are fully contained by Earthen Containment Dikes.
- Lake Pontchartrain Borrow Area

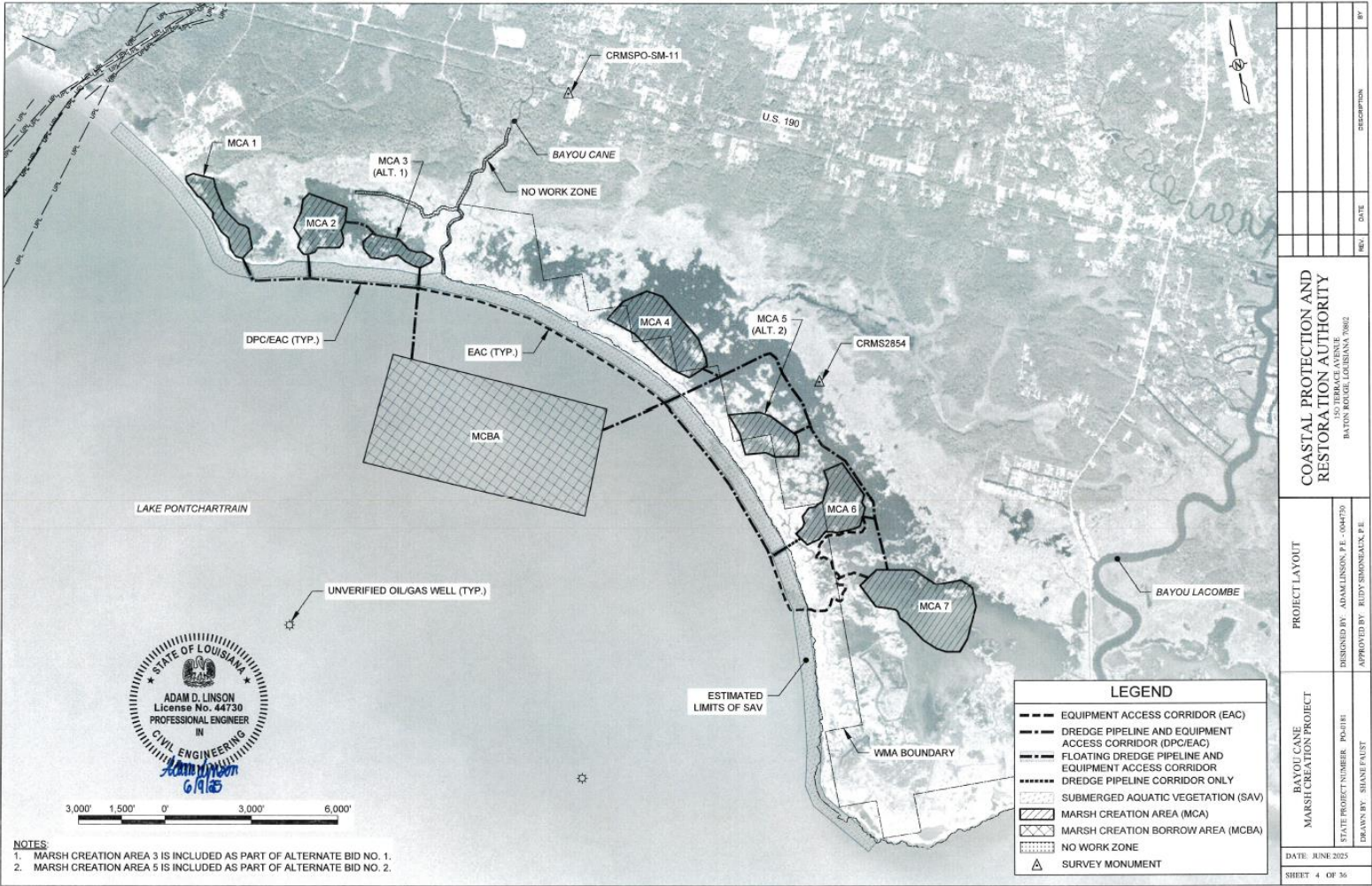


Project Overview and Background

PROJECT LAYOUT – MARSH CREATION AREAS (MCA)

Fill Area	Area (acres)	Contract Quantity (CY)
Base Bid		
MCA-1	47.9	175,500
MCA-2	62.2	192,400
MCA-4	116.0	473,700
MCA-6	82.6	360,200
MCA-7	159.3	593,000
Total Base	467.9	1,794,800
Alternate No. 1		
MCA-3	31.5	113,200
Alternate No. 2		
MCA-5	58.9	227,500
Totals Base + Alt. 1	499.4	1,908,000
Totals Base + Alt. 1 + Alt. 2	558.3	2,135,500

Earthen Containment Dike Lengths	
Base Bid	44,000
Alt. 1 (MCA-3)	5,900
Alt. 2 (MCA-5)	6,800
Total	56,700

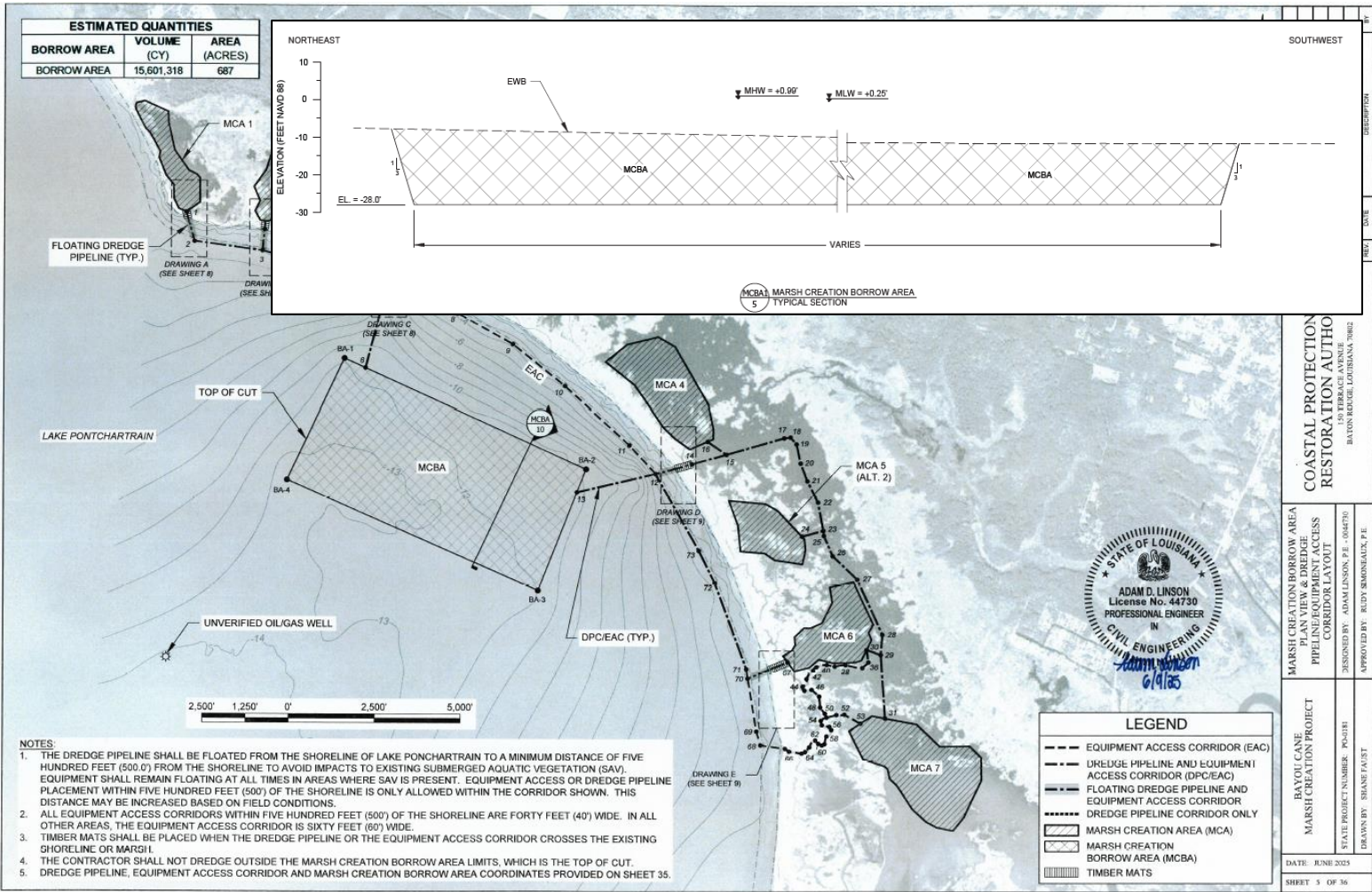


Project Overview and Background

PROJECT LAYOUT – BORROW AREA (LAKE PONTCHARTRAIN)

Fill Area	Area (acres)	Contract Quantity (CY)
Base Bid		
MCA-1	47.9	175,500
MCA-2	62.2	192,400
MCA-4	116.0	473,700
MCA-6	82.6	360,200
MCA-7	159.3	593,000
Total Base	467.9	1,794,800
Alternate No. 1		
MCA-3	31.5	113,200
Alternate No. 2		
MCA-5	58.9	227,500
Totals Base + Alt. 1	499.4	1,908,000
Totals Base + Alt. 1 + Alt. 2	558.3	2,135,500

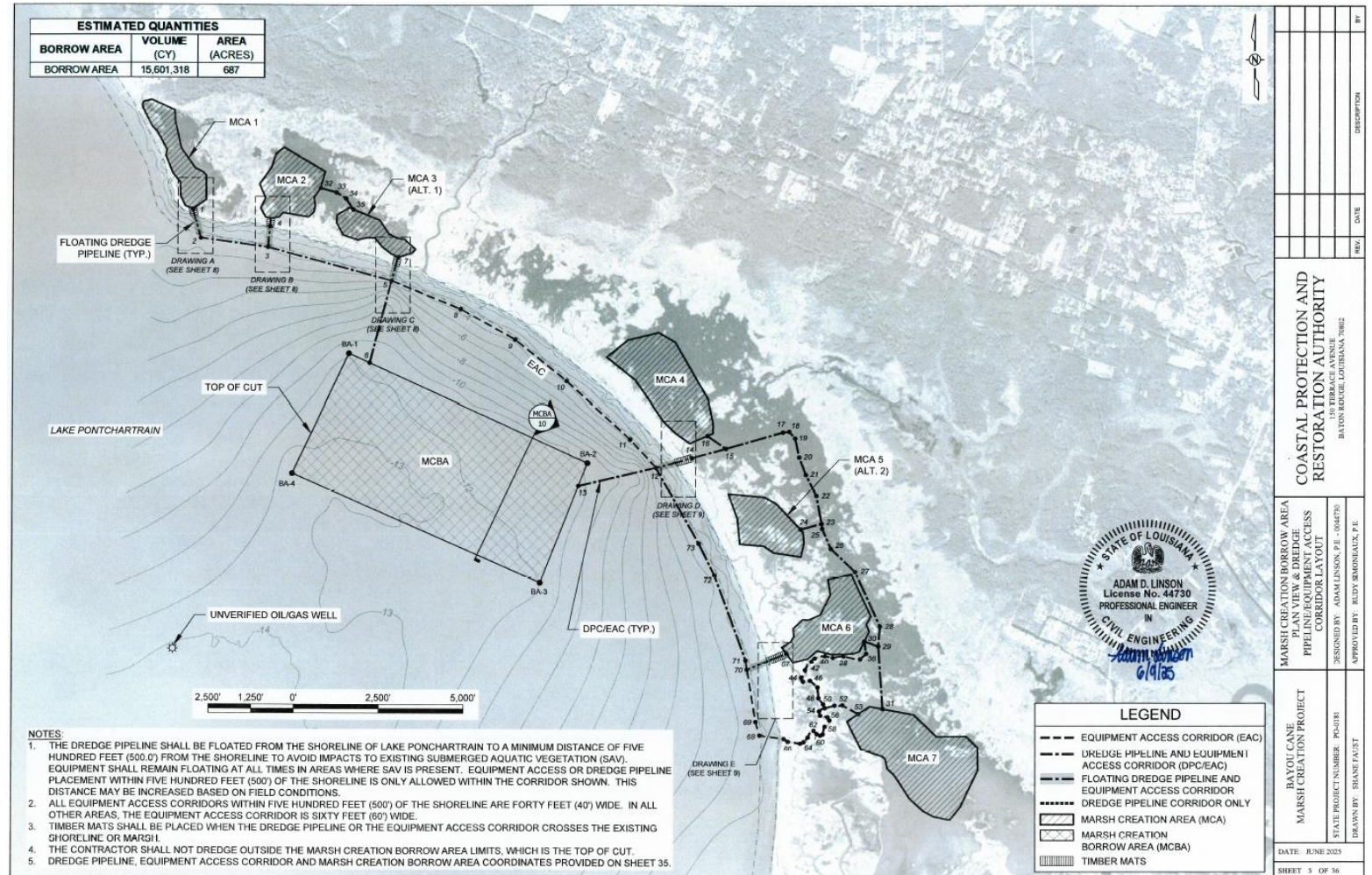
- Avg. Water bottom elevation = -13 ft
- Bottom of cut elevation = -28 ft
 - ~15 ft cut
- 15.6 MCY available
- Shallow Pleistocene materials



Project Overview and Background

EQUIPMENT ACCESS CORRIDORS (EAC) AND DREDGE PIPELINE CORRIDORS (DPC)

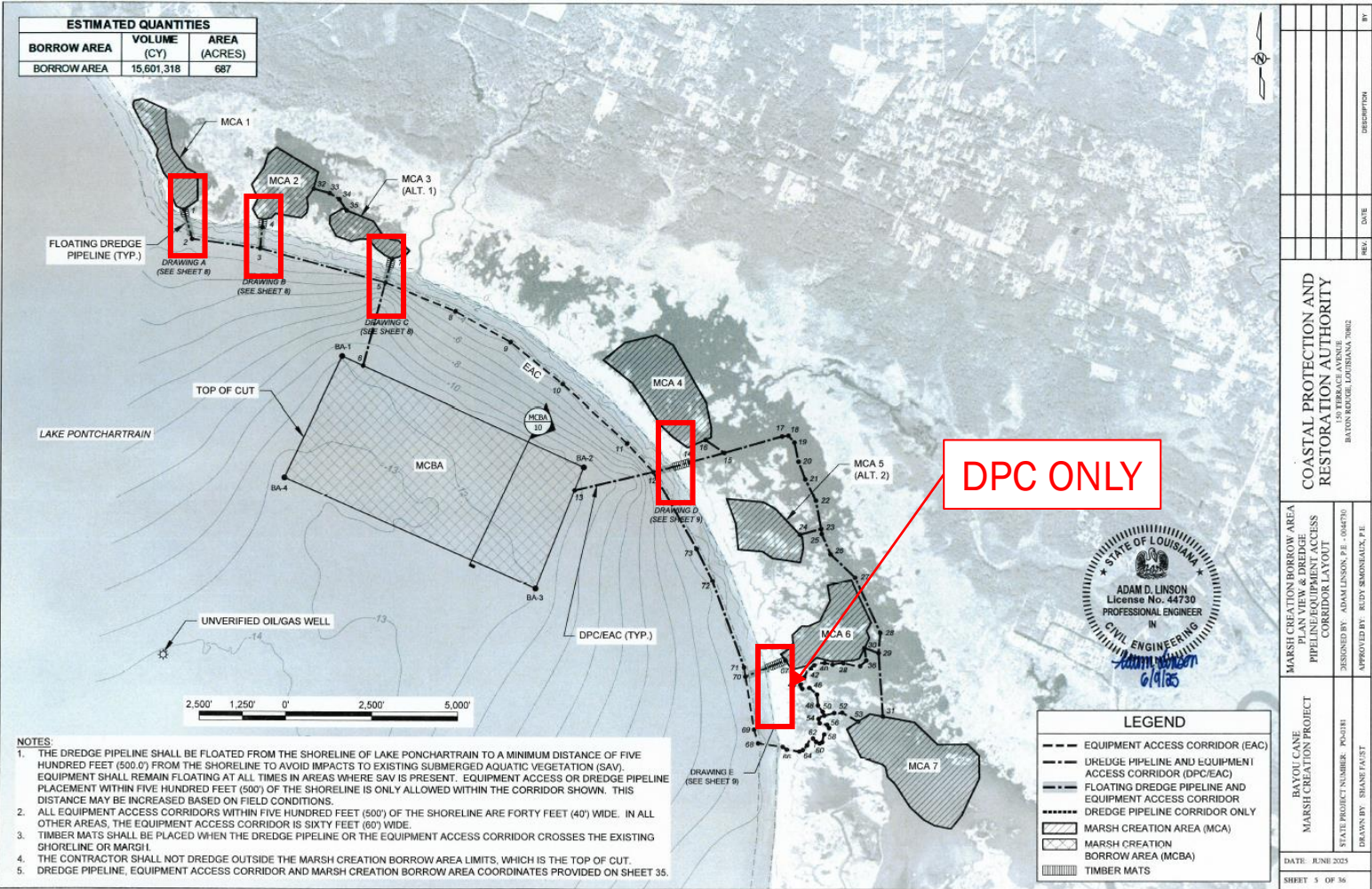
- Two dredge pipeline reaches denoted “West” and “East”.
- Equipment access dredging is **NOT** permitted.
- Dredge pipeline shall remain floating at all times within 500 feet of the shoreline to minimize impacts to existing SAV.
- Corridors are 60 feet wide except for within 500 feet of the shoreline where the width is reduced to 40 feet.
- EAC located between MCA-4 through 7 and MCA-2 to 3.
- EAC permitted along the shoreline, offset 500’ from shoreline.
- Equipment access is not allowed within Bayou Cane (scenic waterway).



Project Overview and Background

EQUIPMENT ACCESS CORRIDORS (EAC) AND DREDGE PIPELINE CORRIDORS (DPC) CONT.

- Five (5) shoreline crossings are permitted at MCA-1, 2, 3, 4, and 6.
 - 50-ft width
- Timber mats shall be placed where the corridors cross the shoreline/existing marsh outside of the MCAs.
- MCA-6 shoreline crossing is for dredge pipeline ONLY. No equipment access is allowed at this crossing.



Project Overview and Background

SUMMARY OF ESTIMATED BID QUANTITIES

SUMMARY OF ESTIMATED QUANTITIES

BASE BID

ITEM No.	DESCRIPTION	UNIT	ESTIMATED QUANTITY ¹
1	MOBILIZATION AND DEMOBILIZATION (TS-100)	LS	1
2	SURVEYS (TS-200)	LS	1
3	DAILY BIRD ABATEMENT (TS-201)	DAY	212
4	GRADE STAKES (TS-250)	EA	158
5	SETTLEMENT PLATES (TS-270)	EA	16
6	EARTHEN CONTAINMENT DIKES (TS-300)	LF	44,000
7	EARTHEN CONTAINMENT DIKE DEGRADATION (TS-305)	LF	9,200
8	HYDRAULIC DREDGING AND MARSH CREATION - MCA 1 (TS-400) ²	CY	175,500
9	HYDRAULIC DREDGING AND MARSH CREATION - MCA 2 (TS-400) ²	CY	192,400
10	HYDRAULIC DREDGING AND MARSH CREATION - MCA 4 (TS-400) ²	CY	473,700
11	HYDRAULIC DREDGING AND MARSH CREATION - MCA 6 (TS-400) ²	CY	360,200
12	HYDRAULIC DREDGING AND MARSH CREATION - MCA 7 (TS-400) ²	CY	593,000

ALTERNATE BID NO. 1

ITEM No.	DESCRIPTION		
13	MOBILIZATION AND DEMOBILIZATION - MCA 3 (TS-100)	LS	1
14	SURVEYS - MCA 3 (TS-200)	LS	1
15	DAILY BIRD ABATEMENT - MCA 3 (TS-201)	DAY	50
16	GRADE STAKES - MCA 3 (TS-250)	EA	11
17	SETTLEMENT PLATES - MCA 3 (TS-270)	EA	2
18	EARTHEN CONTAINMENT DIKES - MCA 3 (TS-300)	LF	5,900
19	EARTHEN CONTAINMENT DIKE DEGRADATION - MCA 3 (TS-305)	LF	1,300
20	HYDRAULIC DREDGING AND MARSH CREATION - MCA 3 (TS-400) ²	CY	113,200

ALTERNATE BID NO. 2

ITEM No.	DESCRIPTION		
21	MOBILIZATION AND DEMOBILIZATION - MCA 5 (TS-100)	LS	1
22	SURVEYS - MCA 5 (TS-200)	LS	1
23	DAILY BIRD ABATEMENT - MCA 5 (TS-201)	DAY	50
24	GRADE STAKES - MCA 5 (TS-250)	EA	20
25	SETTLEMENT PLATES - MCA 5 (TS-270)	EA	2
26	EARTHEN CONTAINMENT DIKES - MCA 5 (TS-300)	LF	6,800
27	EARTHEN CONTAINMENT DIKE DEGRADATION - MCA 5 (TS-305)	LF	1,200
28	HYDRAULIC DREDGING AND MARSH CREATION - MCA 5 (TS-400) ²	CY	227,500

Project Overview and Background

DATA COLLECTION

- Topographic, bathymetric, and magnetometer surveys performed in 2019, 2020, and 2021.
 - Data is available in **Appendix G** of the Specifications.
- Geotechnical investigations performed in 2020 and 2021.
 - Data is available in **Appendix H** of the Specifications.

Project Overview and Background

PERMITS OBTAINED BY THE OWNER

- The Owner has secured the following permits:
 - Coastal Use Permit (CUP) from Louisiana Department of Natural Resources (LDNR)
 - Programmatic General Permit (PGP) from United States Army Corps of Engineers (USACE)
 - Fill Materials License from the Louisiana Department of Wildlife and Fisheries (LDWF)
 - Special Use Permit from the Big Branch Marsh NWR
- Bidders are to become familiar with all permitting documentation, which is available in **Appendix E** of the Specifications.

Construction Overview

General and Special Provisions

Construction Overview

CONTRACT TIME, LIQUIDATED DAMAGES, AND DAVIS-BACON

CONTRACT TIME (GP-7 AND SP-3)

- The Bidder shall agree to fully complete the contract within:
 - Four hundred sixty (460) consecutive calendar days for the Base Bid
 - An additional eighty (30) consecutive calendar days for Alternate No. 1
 - An additional eighty (30) consecutive calendar days for Alternate No. 2

LIQUIDATED DAMAGES (SP-8)

- The Bidder shall agree to pay as Liquidated Damages the amount of Five thousand dollars (\$5,000) for each consecutive day for which the work is not complete, beginning the first day beyond the contract completion date stated on the Notice to Proceed, or as amended by Change Order.

DAVIS-BACON AND RELATED ACTS (GP-4 AND SP-20)

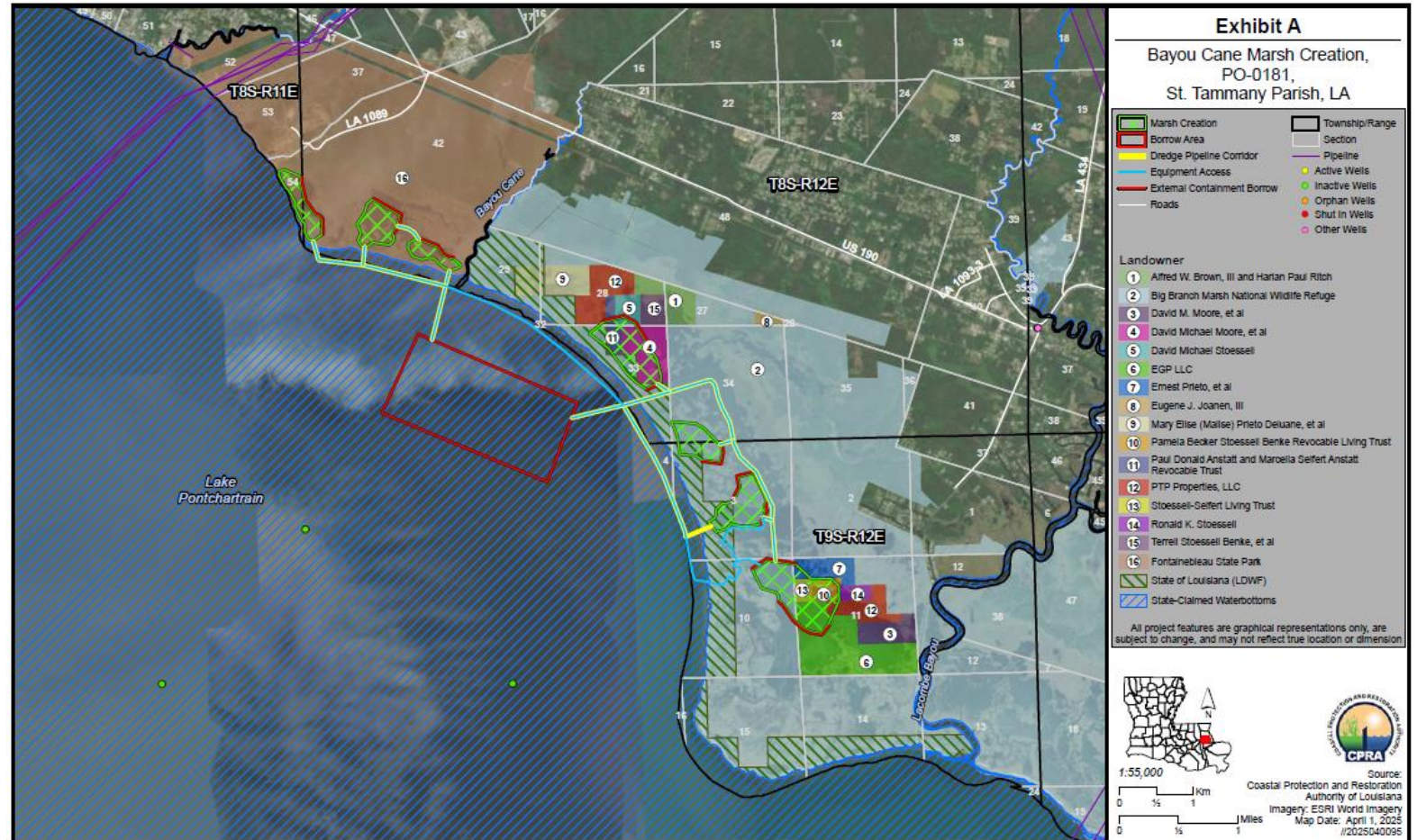
- All laborers and mechanics employed by contractors or subcontractors shall be paid wages at rates no less than the prevailing wages defined under General Decision Number LA20250007 which may be found in Appendix M of the Contract Documents.

Construction Overview

LANDOWNER REQUIREMENTS (SP-10.1)

LANDOWNER NOTIFICATIONS (SP-10.1.2)

- Contractor shall notify all Grantors at least fourteen (14) working days prior to initiation of access to the said lands.
- The Contractor shall abide by the stipulations set forth by the respective landowners provided in the Land Rights Memorandum in **Appendix D** (of the Specifications).



Construction Overview

PIPELINE, UTILITY, AND EXISTING INFRASTRUCTURE (SP-10.2, 10.3, & 10.4)

GENERAL

- Contractor will be responsible for obtaining all necessary pipeline owner / operators Agreements / Letters of No Objection (LONOs) / Letters of Consent, as required by the pipeline (and utility) owners/operators.
- Contractor shall provide an independent magnetometer survey prior to Construction as per TS-200.

PIPELINE & UTILITY SAFETY (SP-10.2.3 & 10.3.3)

- Contractor shall adhere to the most current publications listed in SP-10.2.3 and SP-10.3.3

PIPELINE & UTILITY CROSSINGS (SP-10.2.4 & SP-10.3.4)

- All equipment shall either remain floating over existing pipelines or shall only traverse over pipelines (or utilities) (and associated facilities, structures, and appurtenances) after the placement of protective measures as required by the pipeline (or utility) owner/operator.

Construction Overview

PIPELINE, UTILITY, AND EXISTING INFRASTRUCTURE (SP-10.2, 10.3, & 10.4)

EXCAVATION TOLERANCES AND MARKINGS

- No excavation, anchors, or spuds shall be permitted within a tolerance zone of **seventy-five feet (75')** from any existing pipeline, utility, or infrastructure.
- No dredging, excavation, anchors, or spuds, shall be permitted within a tolerance zone of **five hundred feet (500')** from any existing pipeline, utility, or infrastructure in the Marsh Creation Borrow Area.
- Contractor shall investigate, locate, mark, and protect all pipelines, utilities, and infrastructure where equipment and construction activities will be performed.
- Markings as specified in TS-200 and any protective measures required in Agreement(s) / LONOs shall be installed a minimum of **five (5) days** prior to commencement of Work.

PIPELINE AND UTILITY NOTIFICATIONS (SP-10.2.7 & SP-10.3.7)

- Notification of pipeline/utility owners / operators shall be performed in accordance with the timeline(s) established in the Agreement(s) / LONOs, but not less than **fourteen (14 days)** prior to commencement of work near affected pipelines/utilities.
- Contractor shall contact Louisiana 811 at least **five (5) business days** prior to any construction activities.

Construction Overview

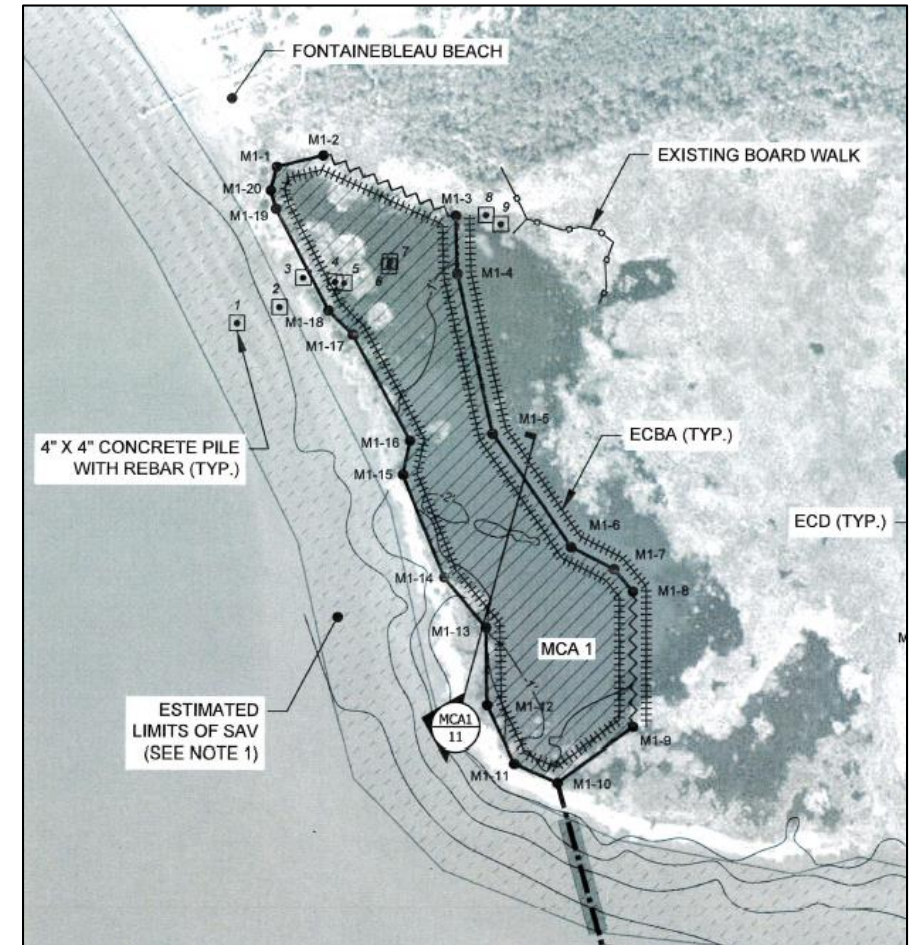
EXISTING INFRASTRUCTURE (SP-10.4) – MCA-1

EXISTING CONCRETE PILES

- 4" x 4" concrete piles with rebar within and adjacent to MCA-1.
- Perpendicular to the alignment and extend into Lake Pontchartrain and to the east.
- Fontainebleau State Park Property.

EXISTING BOARD WALK

- Located east of MCA-1.
- Contractor to avoid impacts.
- Owned by Fontainebleau State Park.



Construction Overview

THREATENED AND ENDANGERED SPECIES (SP-12)

The Contractor shall review all environmental documents contained in Appendix E, as well as comply with the conditions listed therein, regarding the protection of species of concern throughout performance of the Work. Conditions include, but are not limited to:

- Standard Manatee Conditions for In-Water Activities
- NMFS Southeast Region's *Protected Species Conditions*
- NMFS ESA Section 7 letter (pertaining to Gulf Sturgeon)
 - The Contractor shall only perform hydraulic dredging during the months of April through October due to the presence of Gulf Sturgeon. All other work may be performed. (TS-400)

Construction Overview

SPECIAL USE PERMIT (SP-14)

The Owner has obtained a Special Use Permit from the Big Branch National Wildlife Refuge (refer to Appendix E). The Contractor shall comply with all of the conditions of this permit during the performance of the Work. Conditions include, but are not limited to:

- Bird Abatement (TS-201)
- Furnish “Area Closed” signs and posts to be installed throughout the Big Branch Marsh National Wildlife Refuge.
 - 24 signs, measuring at least 18” x 24” with reflective bordering for enhanced visibility at night.
 - Refuge staff will determine the locations for sign placement and will handle the installation.

Construction Overview

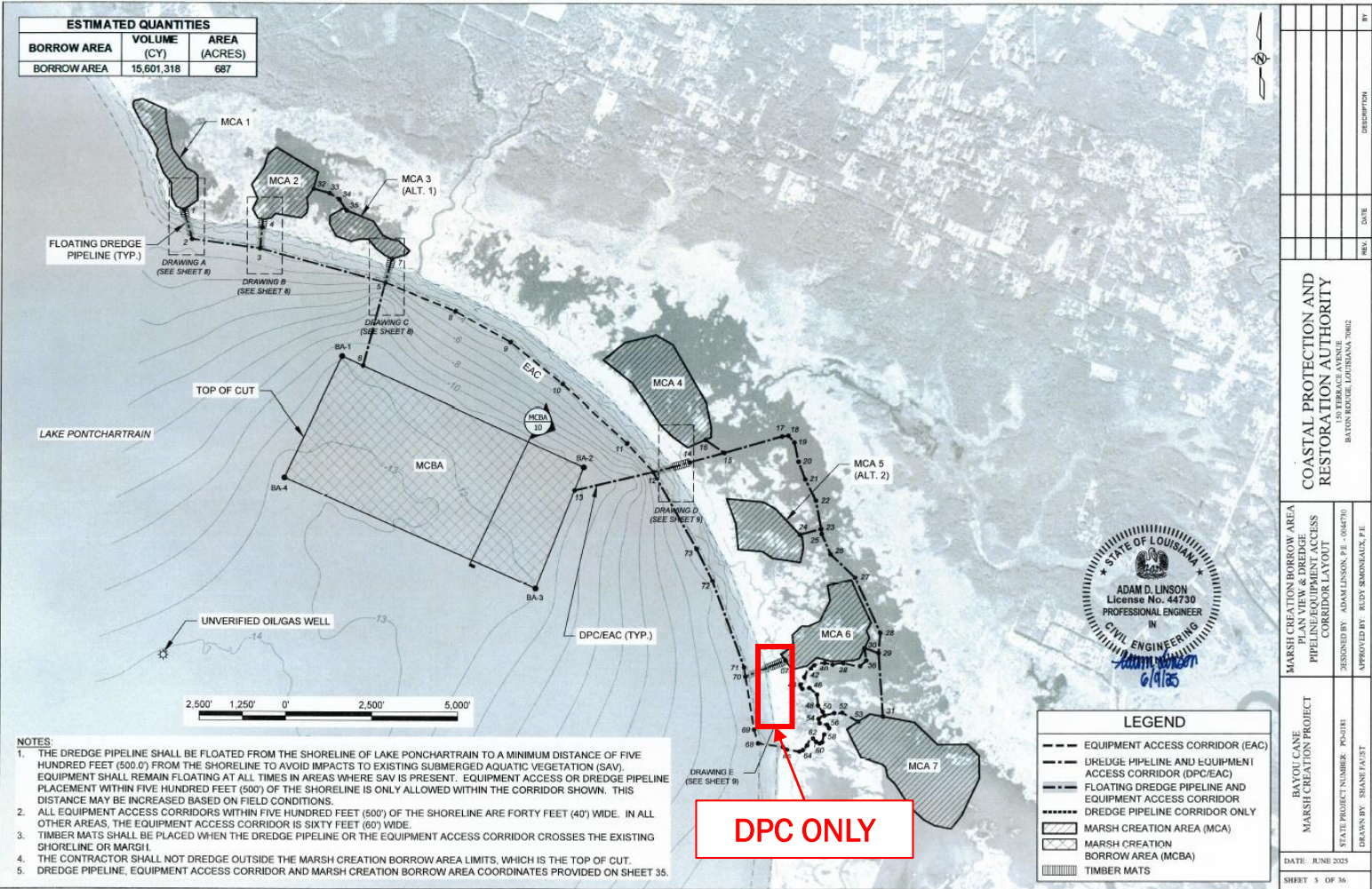
Technical Specifications

Construction Overview

MOBILIZATION AND DEMOBILIZATION (TS-100)

EQUIPMENT ACCESS AND EQUIPMENT STAGING AREAS (TS-100.4.1)

- The Contractor shall utilize the EACs as shown on the Plans.
- Any alternative or additional EACs and any proposed Equipment Staging Areas shall be provided in the Work Plan for Approval by the Engineer.
- Equipment shall remain floating at all times within the EAC from the shoreline of Lake Pontchartrain to a minimum distance of five hundred feet (500')
- Equipment access outside of the permitted EACs within five hundred feet (500') of the shoreline is not permitted.

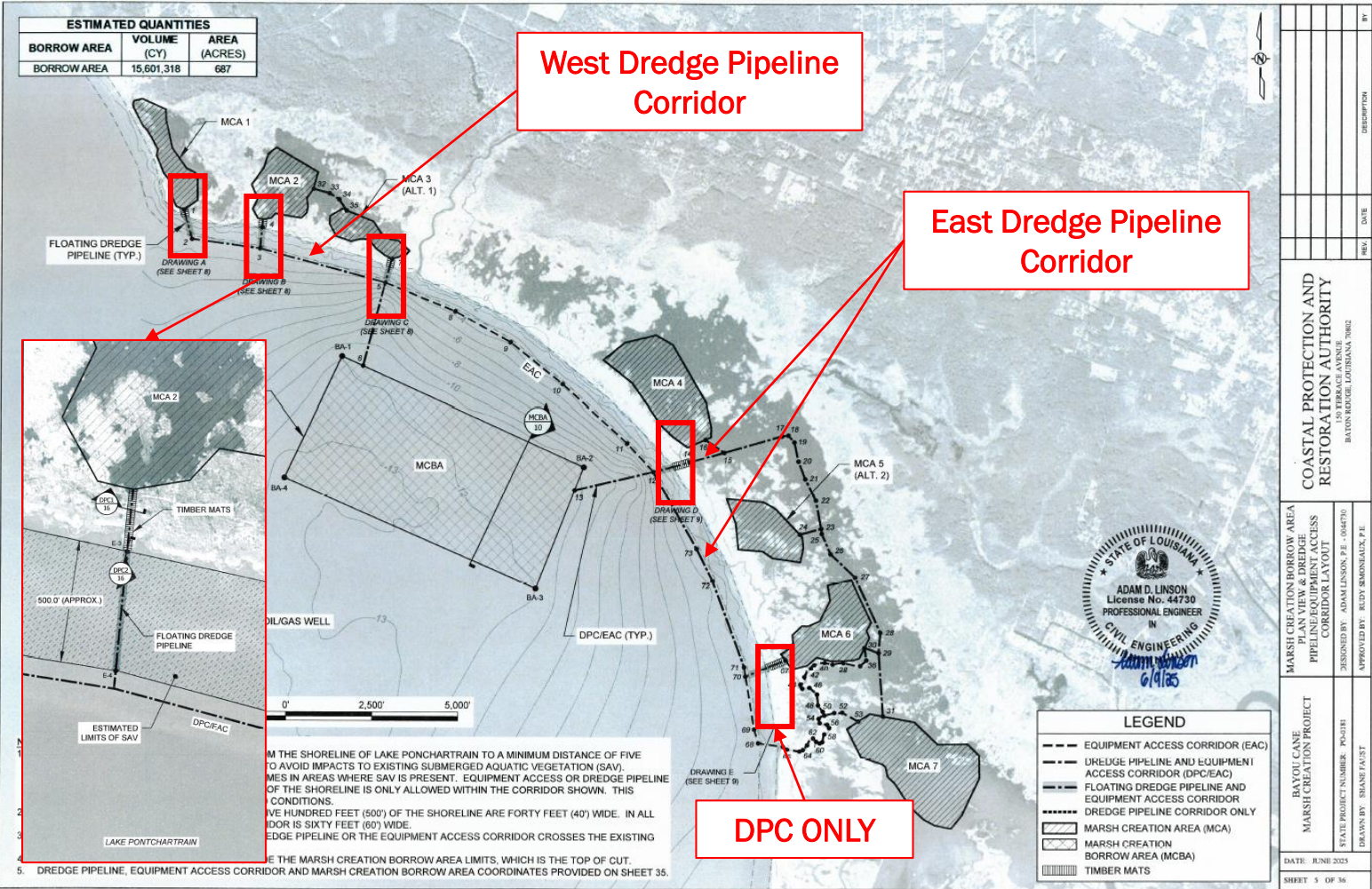


Construction Overview

MOBILIZATION AND DEMOBILIZATION (TS-100)

DREDGE PIPELINE (TS-100.5)

- The dredge pipeline shall be floated at all times from the shoreline of Lake Pontchartrain to a minimum distance of five hundred feet (500') from the shoreline.
- The shoreline shall be crossed at the locations shown on the Plans and shall be placed on board mats, or other equivalent as approved by the Engineer.
- The Contractor may submit an alternate proposed location of, or method for, crossing the shoreline to minimize impacts.
- Utilization of the shoreline crossing of Lake Pontchartrain into MCA-6 is restricted to the installation, monitoring, surveying, and demobilization of dredge pipeline.



Construction Overview

MOBILIZATION AND DEMOBILIZATION (TS-100)

RATIO OF EFFORT (TS-100.6)

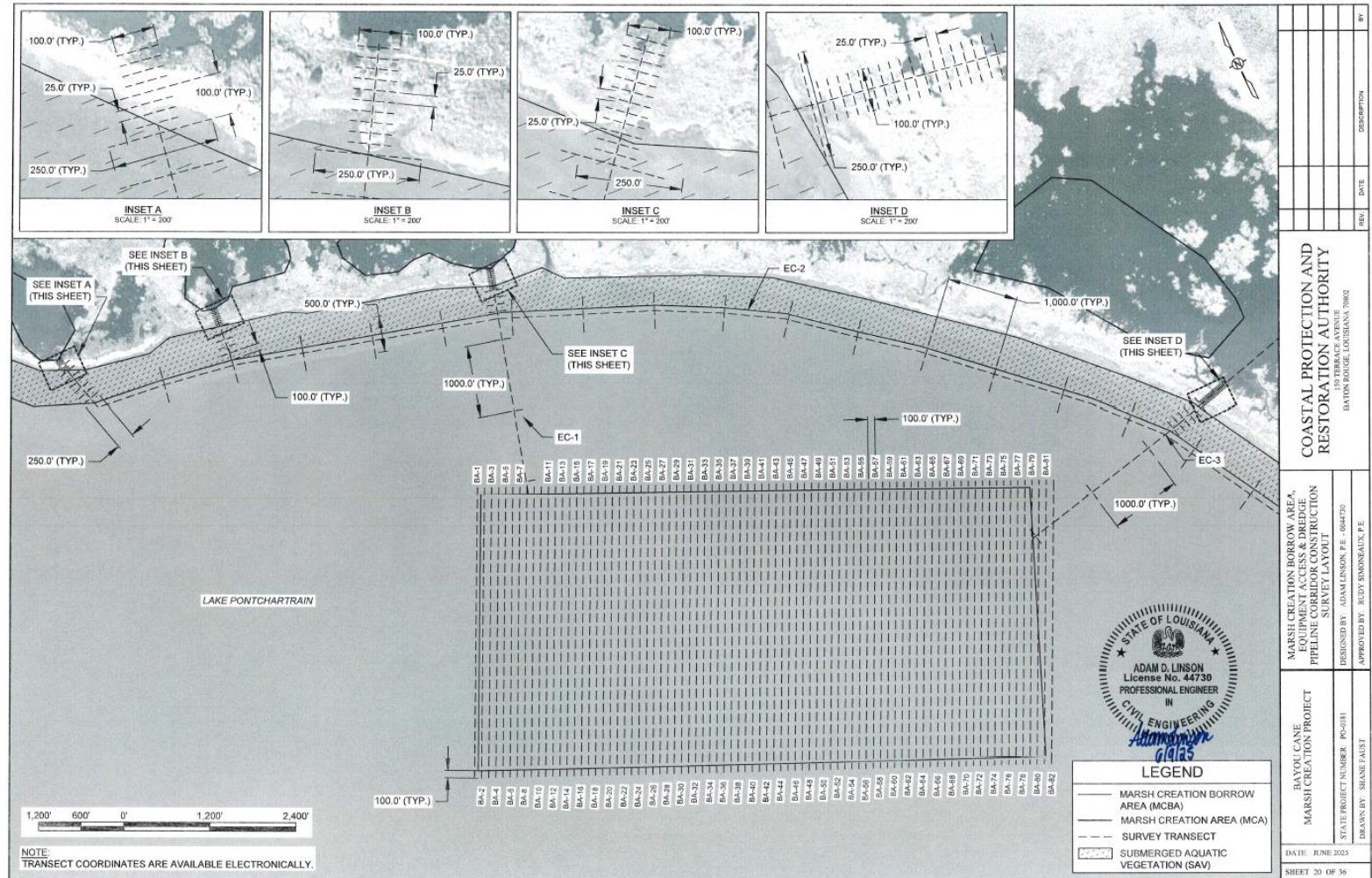
- **Ten percent (10%)** of the Contract cost for this bid item shall be paid to the Contractor upon Acceptance of the initial Work Plan and start of the Surveys.
- **Fifteen percent (15%)** of the Contract cost for this bid item shall be paid to the Contractor upon confirmation of the start of Earthen Containment Dike Construction.
- **Fifty percent (50%)** of the Contract cost for this bid item shall be paid to the Contractor upon mobilization/arrival of the hydraulic dredge, booster pump(s), and support equipment, and after hydraulic dredging operations have commenced.
- The remaining **twenty-five percent (25%)** of the cost for this bid item will be paid to the Contractor upon Acceptance of the Work and confirmation of the removal of all equipment and unused material and restoration of any marsh impacts.

Construction Overview

SURVEYS (TS-200)

MARSH CREATION BORROW AREA (SHEET 20 AND 21)

- Pre-Construction Survey (TS-200.8.10)
 - Multibeam/single beam with dual frequencies and magnetometer
 - 100' spaced transects extending 100' past the limits of borrow
 - Generate a Pre-Construction survey surface.
- Process Surveys (TS-200.9.5)
 - Surveys shall denote (acreage and volume) which portions of the cut sequence were placed in each respective Marsh Creation Area.
 - Performed after each slurry lift (TS-400).
 - Consistent with Pre-Construction survey layout.

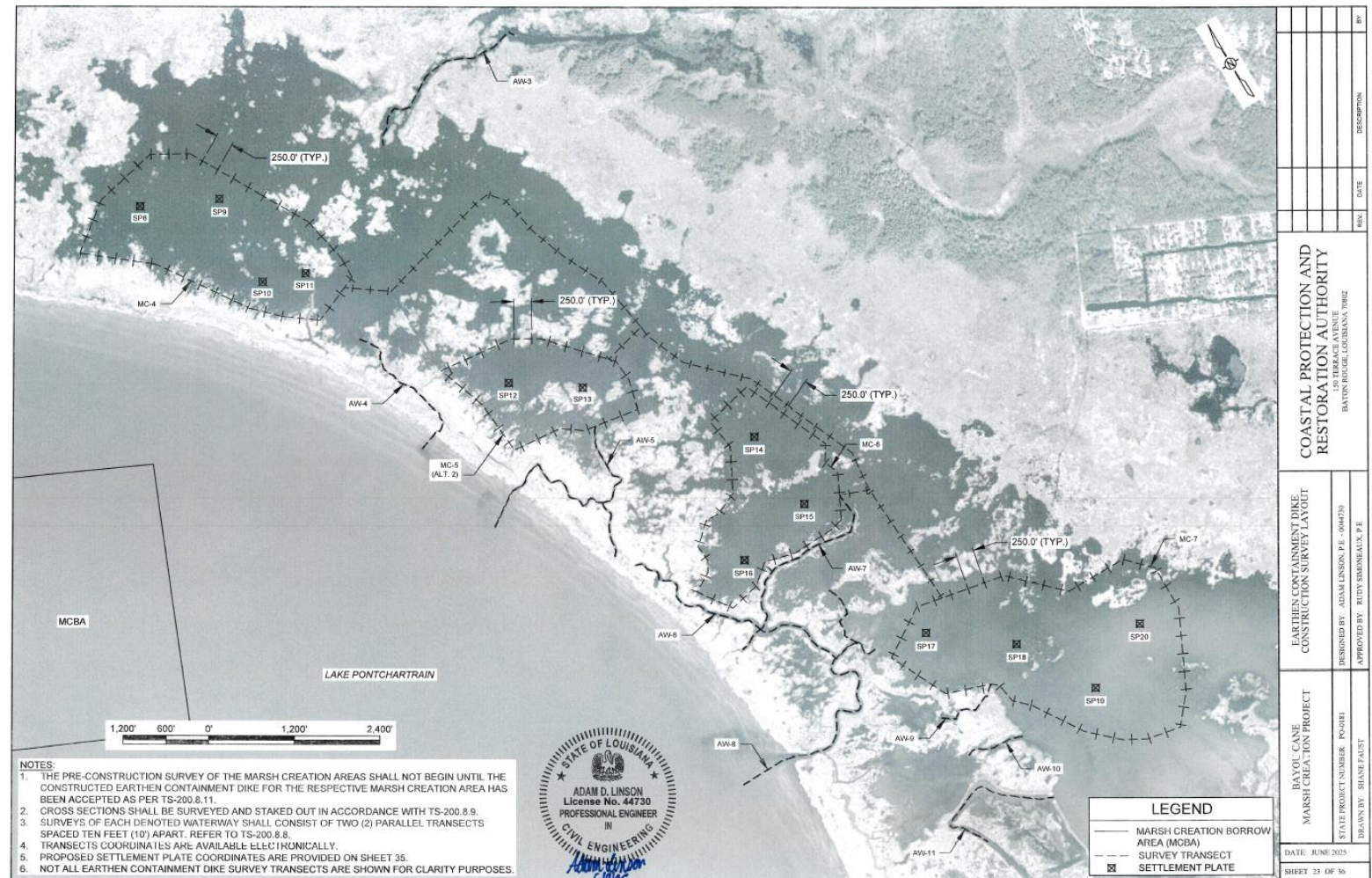


Construction Overview

SURVEYS (TS-200)

ADJACENT WATERWAYS (SHEET 22 AND 23)

- Pre-Construction Survey (TS-200.8.8)
 - Bathymetric and magnetometer.
 - Multibeam, swath, or side-scan sonar methods allowed.
 - 2 parallel transects spaced 10 feet apart.
 - For any EACs that overlap with the identified waterways, this specification shall take precedence.
- Process Surveys (TS-200.9.3)
 - Performed as required by the engineer to determine if there are elevated areas (dewatering, dredge pipeline leaks, etc.)
 - Gridded area to be performed if elevated area is detected.

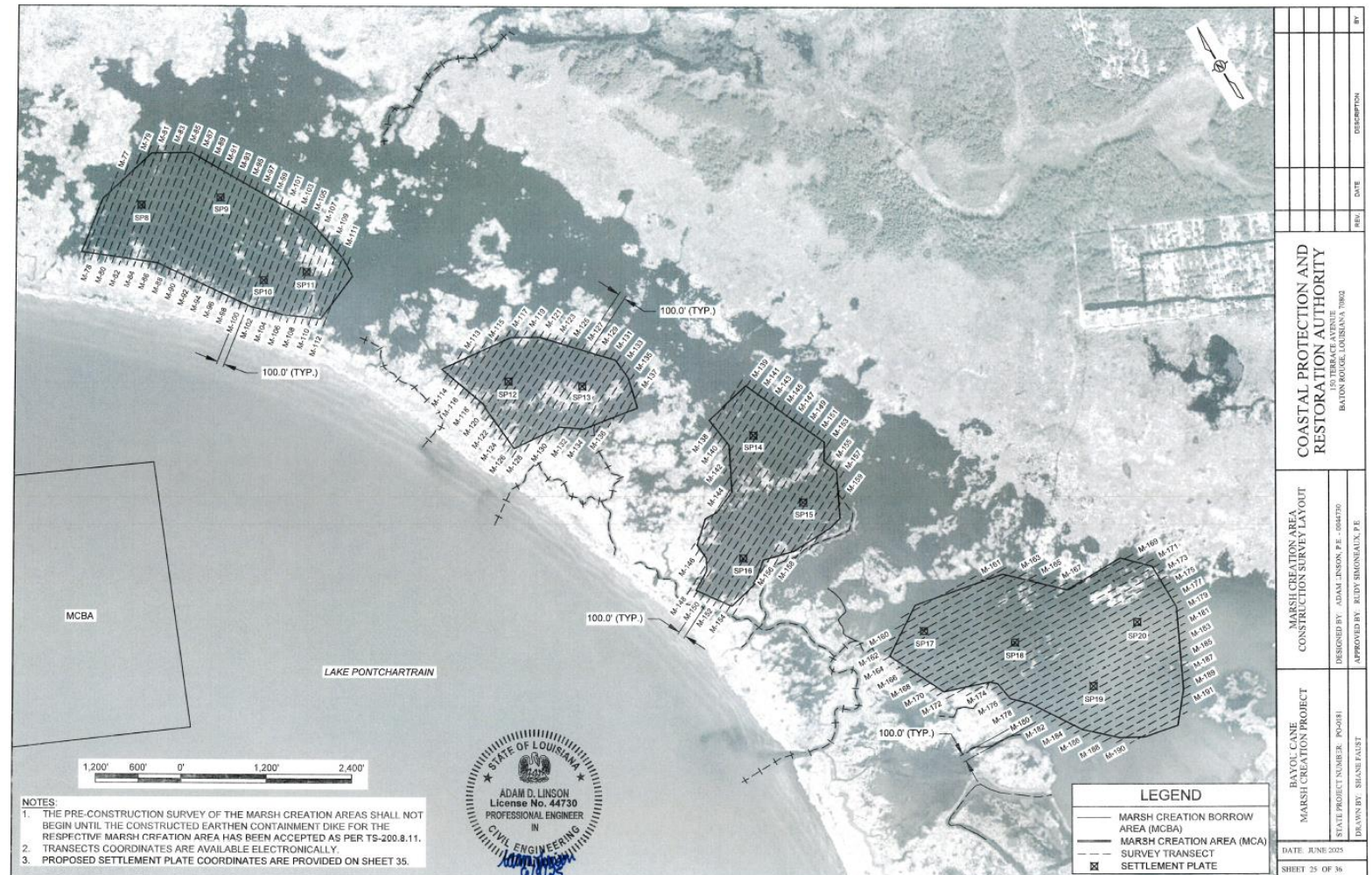


Construction Overview

SURVEYS (TS-200)

MARSH CREATION AREAS (SHEET 24 AND 25)

- Pre-Construction Survey (TS-200.8.11)
 - Topographic/bathymetric and magnetometer along the transects shown.
 - To be performed after construction of the Earthen Containment Dike.
 - Contractor and Owner to calculate projected fill quantities by generating a Pre-Construction surface.
- Process Surveys (TS-200.9.6)
 - Performed after placement of a lift and once the quantity has been met.
- As-Built Survey (TS-200.10.9)
 - Comprised of Accepted Process Surveys.



Construction Overview

SURVEYS (TS-200)

RATIO OF EFFORT/PAYMENT (TS-200.13)

- Forty percent (40%) of the Contract cost for this bid item will be paid for the Contractor upon Acceptance of the Pre-Construction Surveys, less the Marsh Creation Area Surveys and the Marsh Creation Borrow Area Survey.
- Forty percent (40%) will be paid to the Contractor upon completion of all Process Surveys and the Marsh Creation Area and Marsh Creation Borrow Area Pre-Construction Surveys.
- Twenty percent (20%) will be paid to the Contractor upon Acceptance of the complete As-Built survey.
- The Contractor may propose a revised Ratio of Effort subject to review and approval by the Engineer prior to initiating any surveys.

MEASUREMENT AND PAYMENT (TS-200.14)

- Payment shall be made at the Contract lump sum price for Bid Item No. 2, “Surveys (TS-200)”. Payment shall constitute full compensation for furnishing the material, labor, Equipment and other incidentals related to this item of the Work.
- **200.14.1** Alternate Bid #1: If Alternate Bid #1 is awarded, payment shall be made at the contract lump sum price for Bid Item No. 14 “Surveys – MCA-3 (TS-200)”.
- **200.14.2** Alternate Bid #2: If Alternate Bid #1 is awarded, payment shall be made at the contract lump sum price for Bid Item No. 22 “Surveys – MCA-5 (TS-200)”.

Construction Overview

DAILY BIRD ABATEMENT (TS-201)

NESTING BIRD ABATEMENT PLAN (TS-201.2)

- The Nesting Bird Abatement Plan (NBAP) shall include a plan of work, personnel, required Materials, work crew coordination activities, and reporting formats for any required monitoring and abatement activities.
- The Work Plan shall include the names and qualifications of the biologists along with proposed monitoring and abatement actions planned within authorized Work Areas.

SURVEY AND ABATEMENT PERIODS (TS-201.3)

- The nesting period for bird species varies, however, February 15th through September 15th is a conservative timeframe.

NESTING BIRD SURVEYS (TS-201.4)

- The Contractor shall employ a qualified biologist to allow for accurate identification of birds encountered during the execution of Work under this Contract.
- The qualified biologist shall survey the Work Areas (less the DPC/EAC and MCBA) and a within a 1000' (one-thousand foot) buffer zone from the aforementioned Work Areas to determine signs of breeding or nesting activities from birds as necessary.

Construction Overview

DAILY BIRD ABATEMENT (TS-201)

ABATEMENT METHODS FOR BIRDS (TS-201.5)

- The Contractor shall use the nesting survey information to determine and implement approved abatement actions within the work and buffer areas.
- Bird abatement is the Contractor's responsibility. Failure to deter birds from nesting may result in construction delays and may impact execution of the work. Delays or costs incurred to avoid nesting birds shall be borne by the Contractor and shall not be the basis for a claim against the Owner.

IDENTIFICATION OF NESTING ACTIVITIES (TS-201.6)

- If nesting occurs within survey/abatement area, the Contractor shall maintain a crew and visitor notification system that includes the nest avoidance areas and approved travel corridors.
- Notifications should clearly indicate the current status of nest encroachment buffers/avoidance areas, any marking schemes, and any other information needed to insure Work continues without disturbance to nesting birds.

MEASUREMENT AND PAYMENT (TS-201.9)

- Payment shall be made at the Contract unit price per Day for Bid Item No. 3, "Daily Bird Abatement (TS-201)".
 - Alternate Bid No. 1 and Alternate Bid No. 2 include Daily Bird Abatement.

Construction Overview

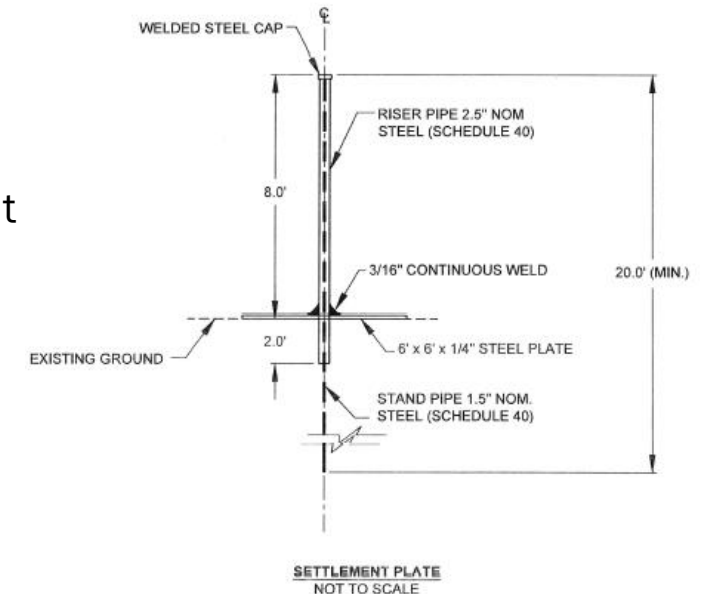
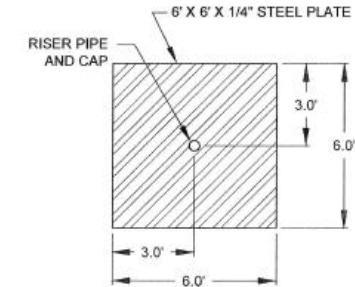
SETTLEMENT PLATES (TS-270)

MATERIALS (TS-270.2)

- Base Plate: 6' x 6' x 1/4" steel plate
- Riser Pipe: 10 feet in length
- Stand Pipe: Minimum 20-foot long 1-1/2 inch diameter Schedule 40 steel pipe

INSTALLATION (TS-270.4)

- Installation locations provided on the Plans (Sheet 22 and 23).
- The Contractor shall determine the appropriate installation depth of the stand pipe at each location.
- Settlement Plate to be sleeved over driven Stand Pipe.
- Settlement plates installed two (2) weeks prior to marsh fill placement.



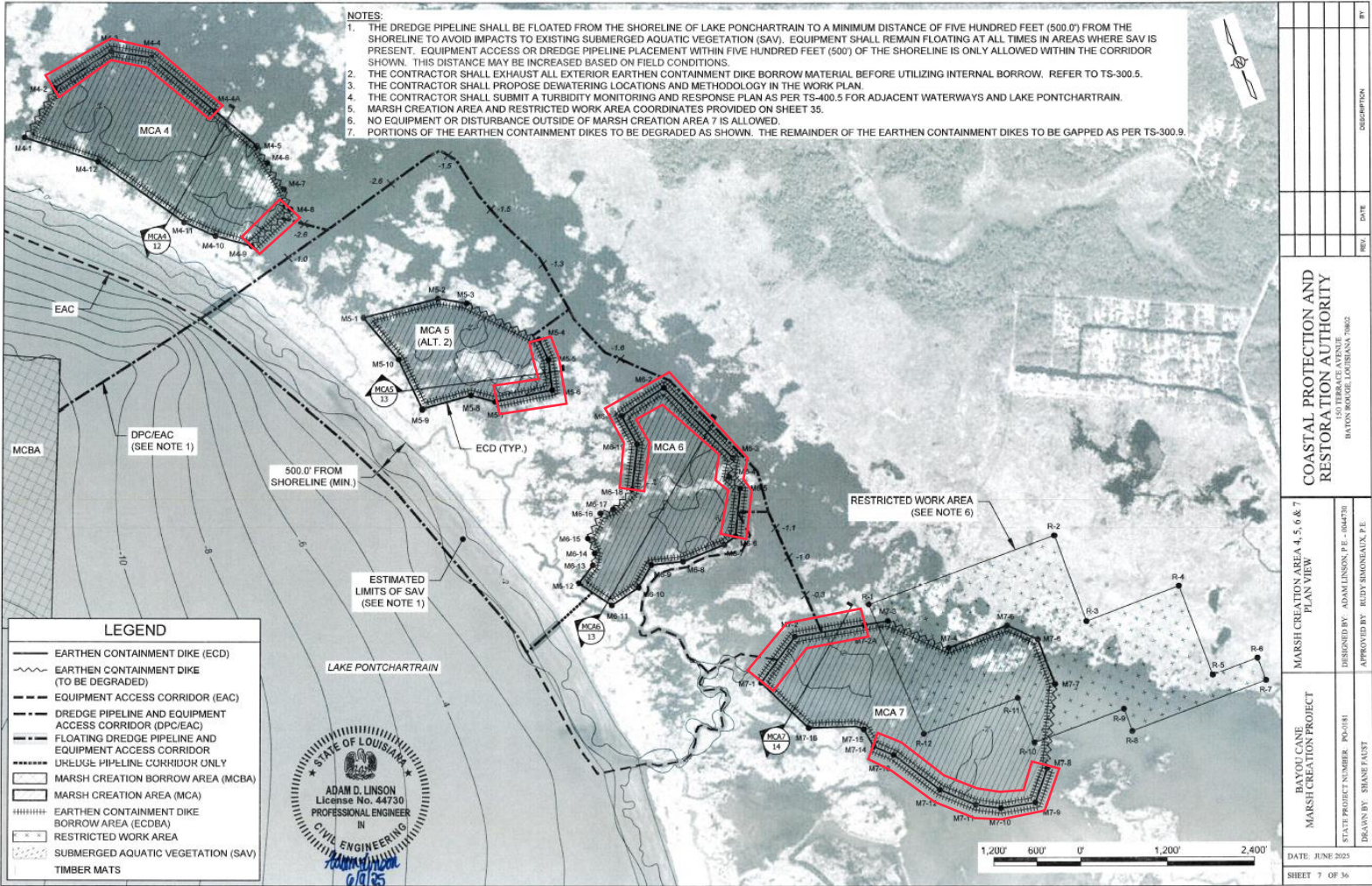
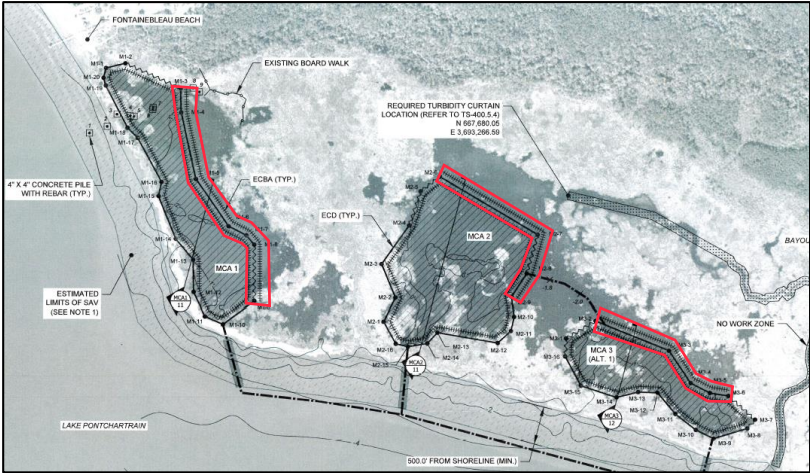
Construction Overview

EARTHEN CONTAINMENT DIKES (TS-300)

FEATURE OVERVIEW

Earthen Containment Dike Lengths	
Base Bid	44,000
Alt. 1 (MCA-3)	5,900
Alt. 2 (MCA-5)	6,800
Total	56,700

- Exterior borrow areas for reaches of ECD.



Construction Overview

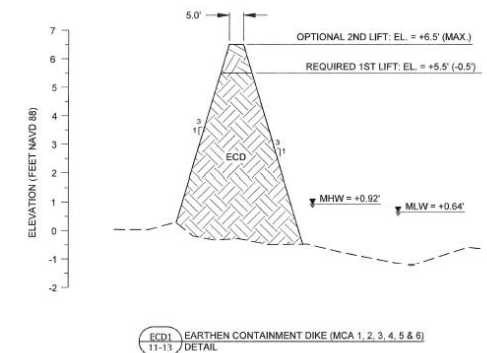
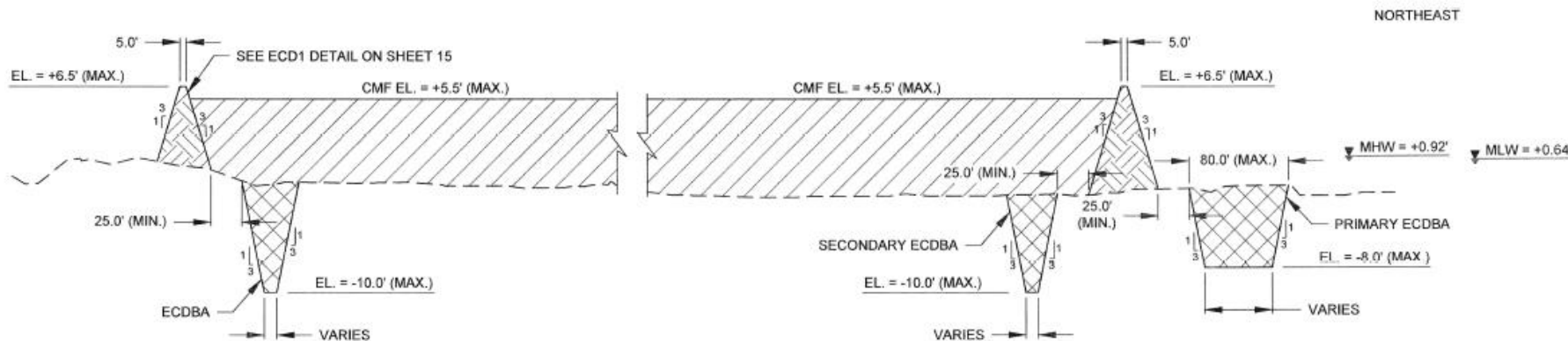
EARTHEN CONTAINMENT DIKES (TS-300)

GEOMETRY

- Crown Elevation: +6.5' (NAVD88) max.
 - MCA-7: +5.5' Max.
- Crown Width: 5 feet
- Side Slopes: 3H:1V
 - MCA-7: 4:1V

ECD BORROW AREAS

- Exterior borrow shall be exhausted prior to utilizing the secondary interior borrow area
- Bench Width: 25 feet (ECD toe to ECD BA)
- Top of Cut:
 - External: 80' maximum
 - Internal: Varies
- Maximum Cut Elevation:
 - External: -8.0 feet
 - Internal: -10.0 feet



Construction Overview

EARTHEN CONTAINMENT DIKES (TS-300)

ECD STAKEOUT (TS-300.3)

- The Owner shall conduct a hold point inspection at the completion of the ECD stakeout prior to the start of construction.

MAINTENANCE(TS-300.6)

- The specified geometry of the ECDs shall be maintained throughout construction of the MCAs and until Acceptance of the MCA at no expense to the Owner.

GAPPING OF EARTHEN CONTAINMENT DIKES (TS-300.9)

- Upon Acceptance of the Marsh Creation Areas, the Owner may require up to 10% of the total linear feet of ECDs to be gapped. This may include sections of ECD that are to be degraded (TS-350). These can be performed concurrently.
- The Contractor shall submit proposed locations and widths for gapping of the ECD for approval by the Engineer.

ACCEPTANCE (TS-300.10)

- Acceptance of the ECDs may be requested with the monthly payment application corresponding to the linear footage of ECD constructed.
- Acceptance by the Engineer does not relieve the Contractor of their responsibility to maintain the ECDs until Acceptance of all Marsh Creation Areas.

Construction Overview

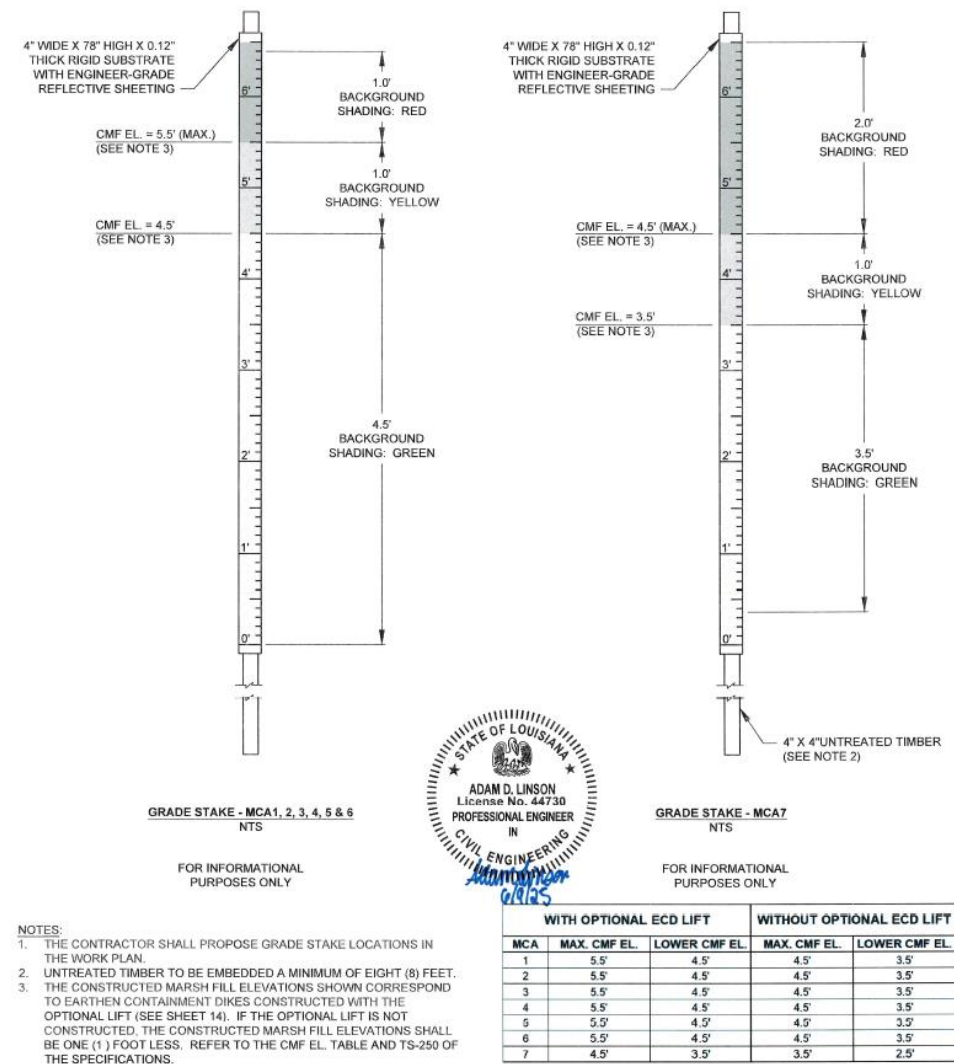
GRADE STAKES (TS-250)

MATERIALS (TS-250.2)

- Green: 0.0 feet (NAVD88, Geoid 12B) to one foot (1') below the maximum CMFE
- Yellow: From one foot (1') below the maximum CMFE to the maximum CMFE,
- Red: Above the maximum CMFE
- If the optional lift of the ECD is not constructed for a given MCA, the elevations depicted on the sign shall be one foot (1') lower.

INSTALLATION (TS-250.3)

- Grade stakes shall be installed prior to placement of dredge fill material in the MCAs.
- The Contractor shall propose the locations for the grade stakes in the Work Plan for approval by the Engineer.



Construction Overview

GRADE STAKES (TS-250)

DAILY INSPECTIONS (TS-250.4)

- Grade Stakes shall be inspected twice daily, per TS-200.9.7. The results of all inspections shall be included in the Daily Progress Reports.

MAINTENANCE (TS-250.5)

- Grade Stakes shall be surveyed weekly and maintained by the Contractor until Acceptance of the MCAs.

REMOVAL (TS-250.6)

- Grade Stakes shall be removed after Acceptance of all MCAs.
- The Grade Stakes shall either be removed in their entirety or cut off at marsh grade.

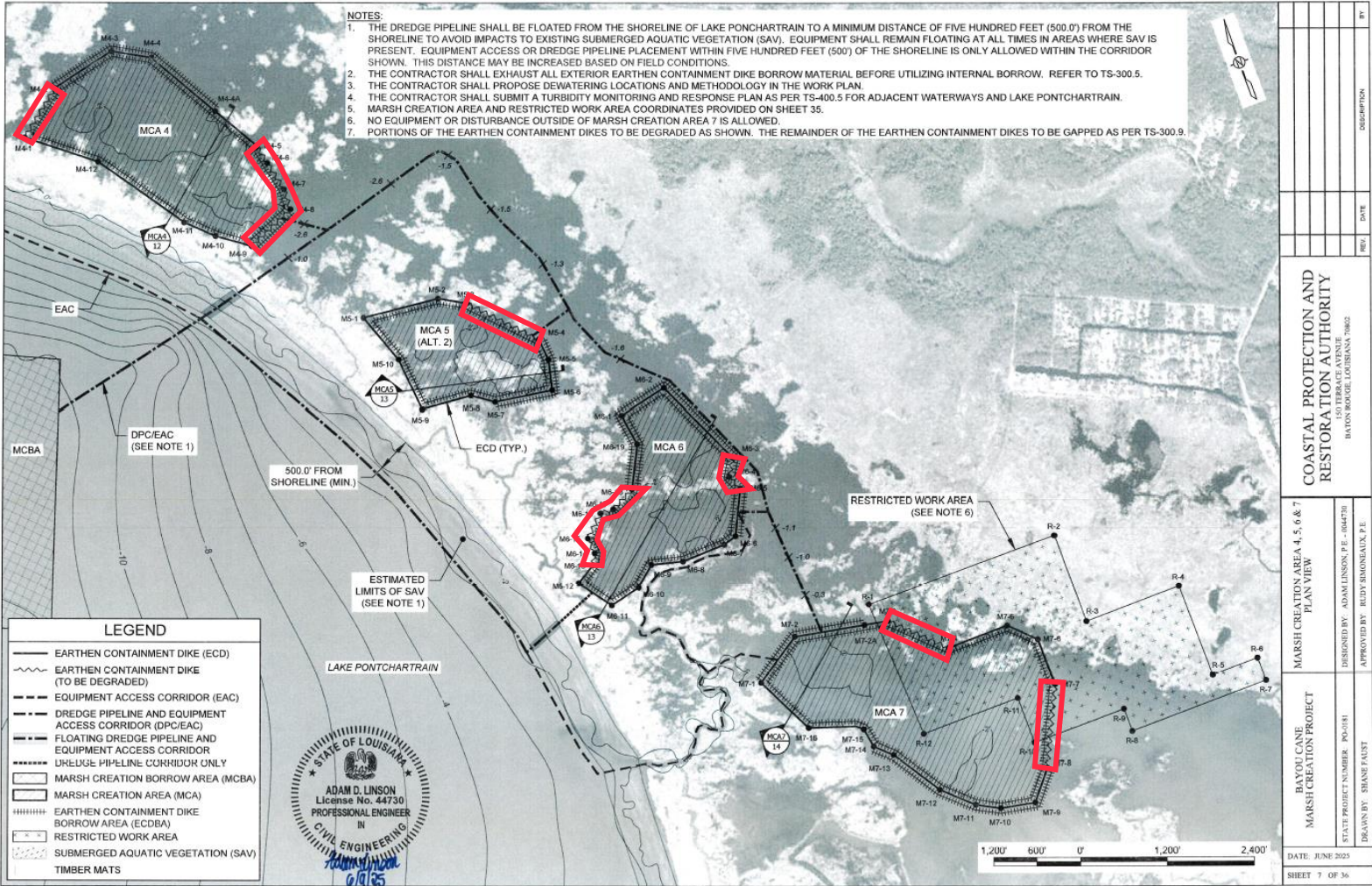
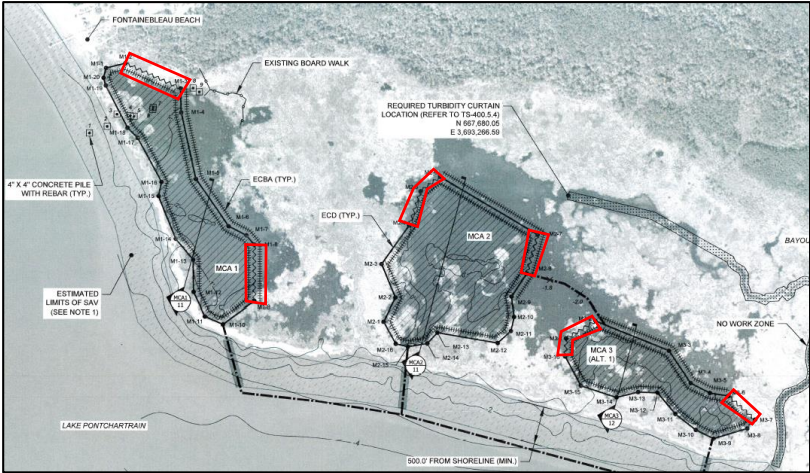
RATIO OF EFFORT (TS-250.8)

- **Ninety percent (90%)** of the Contract cost for these bid item will be paid to the Contractor upon Acceptance of the Grade Stakes.
- The remaining **ten percent (10%)** will be paid to the Contractor upon removal as per TS-250.6.

Construction Overview

EARTHEN CONTAINMENT DIKE DEGRADATION (TS-305)

- Reaches shown on the plans shall be degraded to the adjacent constructed marsh elevation.
- Spoil material from the ECD degradation shall be spread evenly within the footprint of the associated internal borrow area or MCA.



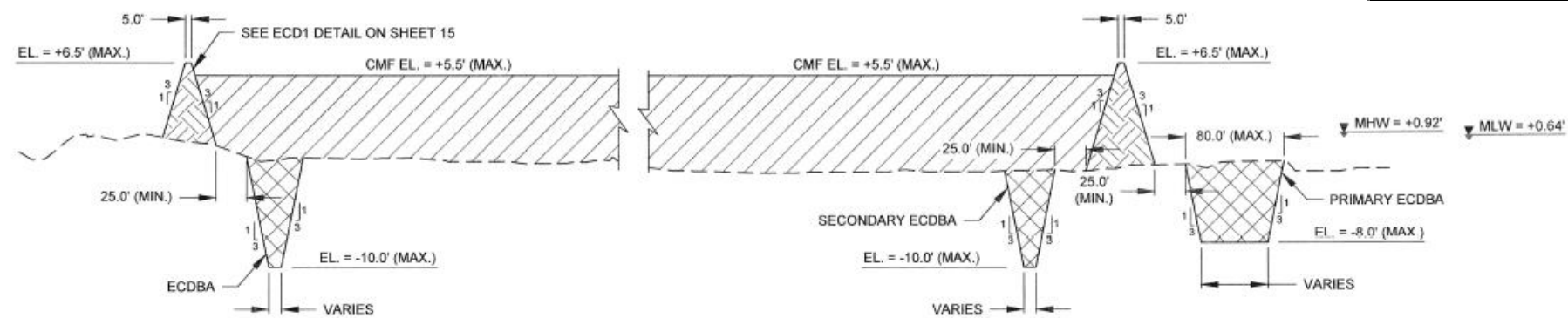
Construction Overview

HYDRAULIC DREDGING AND MARSH CREATION (TS-400)

MARSH CREATION OVERVIEW

- Five (5) marsh creation areas in the base bid, two (2) alternate marsh creation areas
- **Maximum Slurry Elevation:** +5.5' (MAX.), +4.5' (MAX.) for MCA-7
 - Maximum elevation reduced by 1.0' if the optional ECD lift is not constructed.
- The Contractor shall only perform hydraulic dredging during the months of April through October due to the presence of Gulf Sturgeon. All other work may be performed.
- Multiple slurry lifts may be necessary.

Fill Area	Area (acres)	Contract Quantity (CY)
Base Bid		
MCA-1	47.9	175,500
MCA-2	62.2	192,400
MCA-4	116.0	473,700
MCA-6	82.6	360,200
MCA-7	159.3	593,000
Total Base	467.9	1,794,800
Alternate No. 1		
MCA-3	31.5	113,200
Alternate No. 2		
MCA-5	58.9	227,500
Totals Base + Alt. 1	499.4	1,908,000
Totals Base + Alt. 1 + Alt. 2	558.3	2,135,500



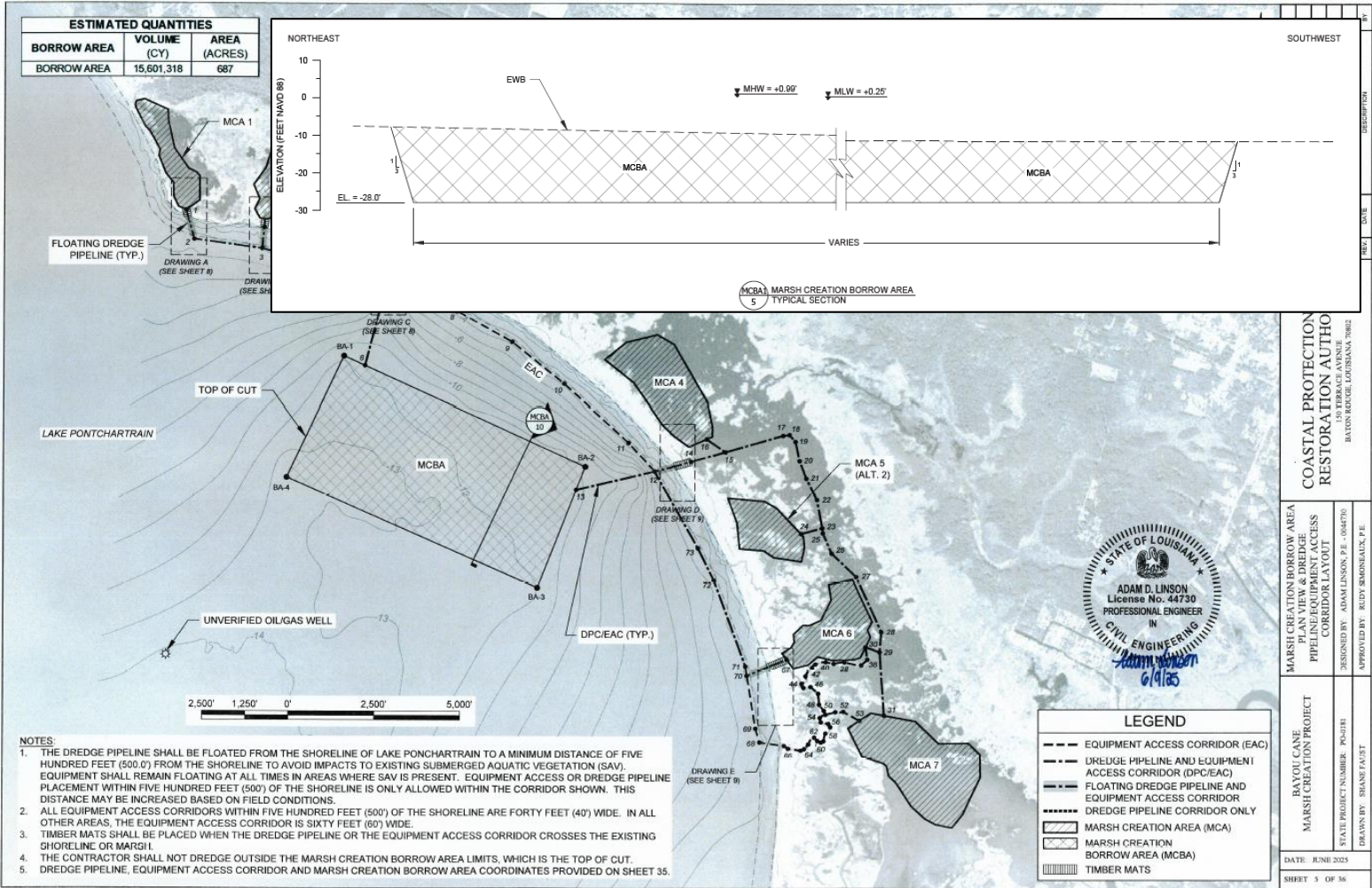
Construction Overview

HYDRAULIC DREDGING AND MARSH CREATION (TS-400)

BORROW AREA OVERVIEW

- Avg. Water bottom elevation = -13 ft
- Bottom of cut elevation = -28 ft
- Geotechnical analysis of the Marsh Creation Borrow Area indicates the presence of shallow Pleistocene materials.
- The Contractor shall only perform hydraulic dredging during the months of April through October due to the presence of Gulf Sturgeon. All other work may be performed.

ESTIMATED QUANTITIES		
BORROW AREA	VOLUME (CY)	AREA (ACRES)
BORROW AREA	15,601,318	687



Construction Overview

HYDRAULIC DREDGING AND MARSH CREATION (TS-400)

BORROW AREA CUT SEQUENCE (TS-400.3.6)

- Plan which delineates each area (acreage), volume, and cut depth of the Marsh Creation Borrow Area that are to be dredged and placed within each Marsh Creation Area.
- The Contractor shall propose the methodology and equipment for determining the actual delineations of changes in cut during dredging operations (i.e. when dredged material placement changes from one Marsh Creation Area to another).

SLURRY LIFT (TS-400.4.2)

- Consists of placement of dredge slurry into each MCA up to a maximum elevation of one foot (1.0') below the crest elevation of the constructed ECDs (optional lift). Multiple slurry lifts may be placed in each MCA in order to attain the Contract Quantity for marsh fill.
- During the placement of the first lift, only existing water in each MCA shall be discharged until slurry head wave approaches the dewatering weirs at which time the weirs shall be closed. During the placement of all subsequent lifts, no slurry or water shall be discharged from the Marsh Creation Area through the dewatering weirs (for 7 days).

LIFT RETENTION TIME (TS-400.4.3)

- The slurry in each Marsh Creation Area shall remain in retention for a minimum of fourteen (14) days before adding subsequent slurry lifts. Additional slurry shall not be placed into the Marsh Creation Area during this retention time.
- No water or slurry shall be discharged through the dewatering weirs for the first seven (7) days of the lift retention time. After a minimum of seven (7) days from the start of the retention time, water decanted from the slurry may be discharged.

Construction Overview

HYDRAULIC DREDGING AND MARSH CREATION (TS-400)

FILL SEQUENCING (TS-400.4.7)

- Slurry shall be placed into only one Marsh Creation Area at any given time.
- Once the Contractor has placed a lift OR the Contract Quantity within a respective Marsh Creation Area, the Contractor shall notify the Engineer and conduct and submit a process survey of the Marsh Creation Borrow Area, prior to dredging and placing any material into another Marsh Creation Area.
- These process surveys of the Marsh Creation Borrow Area shall be conducted for all areas of cut associated with the respective Marsh Creation Area.

TOLERANCES (TS-400.4.6)

- In order to gain Acceptance, the measured fill elevation shall be within one foot (1.0') measured from the highest to the lowest elevation based on the MCA Process surveys with the highest elevation not exceeding the maximum elevation as shown on the Plans.

ACCEPTANCE (TS-400.7)

- The Contractor shall notify the Engineer once the target cut volume for the respective MCA has been dredged. MCBA Process Surveys shall be used to determine if the target volume has been met.
- Once the Engineer determines that the target volume has been dredged, the MCA Process Survey shall be used to determine if the respective cell is within the specified elevation tolerances.

Construction Overview

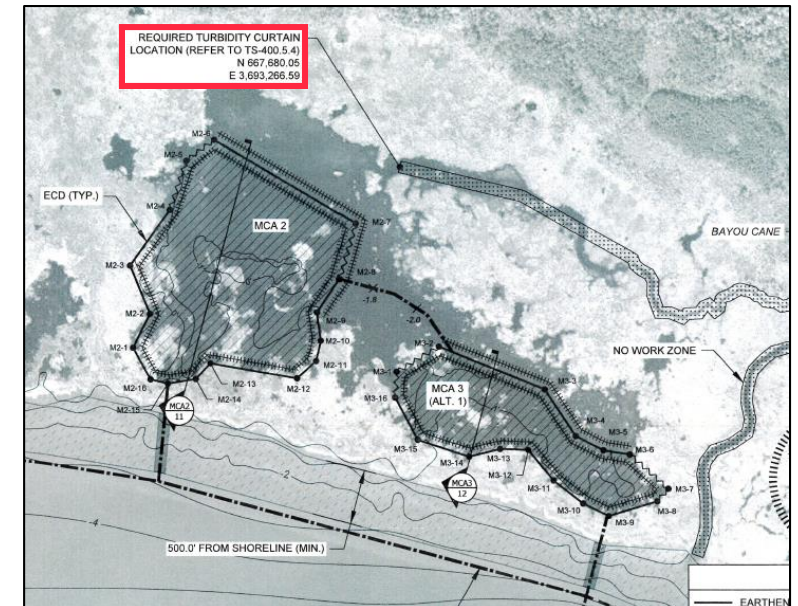
HYDRAULIC DREDGING AND MARSH CREATION (TS-400)

MEASUREMENT AND PAYMENT (TS-420.8)

- The volume included in the payment request shall be based on the elevation difference between the Pre-Construction Surface and the Process Survey Surface of the Marsh Creation Borrow Area.
- The Contractor shall provide their volume calculations and Process Survey Surface along with their monthly application for payment to the Owner. The Owner will independently verify the Process Survey Surface and volume calculations.
- The Owner and Contractor's volume calculations shall be within five percent (5%). If the volume calculations are not within five percent (5%), Payment will not be recommended until the differences are resolved.

TURBIDITY CONTROL (TS-400.5)

- There are numerous recreational waterways within the project area, including the scenic waterway of Bayou Cane, where increased turbidity/infilling is a concern. Additionally, turbidity in Lake Pontchartrain (existing SAV) is a concern.
- The Contractor shall monitor turbidity and install turbidity curtains along adjacent waterways as needed, or as directed by the Engineer, in order to reduce material loss into adjacent waterways and Lake Pontchartrain (Turbidity Monitoring and Response Plan).
- Required Turbidity Curtain north of MCA-2, near an adjacent waterway that connects to Bayou Cane.



Construction Overview

WEIRS (TS-510)

FABRICATION (TS-510.2) AND INSTALLATION (TS-510.3)

- **Primary Weirs:** Rectangular, metal-framed inlets or half-cylindrical corrugated metal pipes. Wooden slats shall be slotted horizontally into the inlets to control the invert elevation. The wooden slats shall be sized such that the invert elevation can be adjusted in increments of six inches (6"), with the ability to completely shut off discharge through the structure.
- **Secondary Weirs (Optional):** Steel pipe having a maximum diameter of thirty inches (30") and sufficient length to penetrate through the ECD. The pipe shall be slotted twelve inches (12") deep within 6 inches (6") of the end of the pipe. The slot shall be sufficient width to allow for two-inch (2") thick lumber slats to be installed to adjust the invert elevation in increments of six inches (6").
- All weirs shall be installed within the ECDs in areas not immediately adjacent to existing tidal creeks or Lake Pontchartrain to reduce the likelihood of discharge into those waterways.

OPERATION (TS-510.4)

- The **Primary Weirs** shall be operated with the invert set at one foot (1') below the crest elevation of the Earthen Containment Dike during placement of fill material.
- All **Secondary Weirs** shall remain closed during placement of slurry into the Marsh Creation Areas. The invert elevation of the Secondary Weirs shall only be lowered to match the invert elevation of the **Primary Weirs**.

Questions?

Please submit questions regarding the bid by July 21st at 2:00pm in writing to:

cpra.bidding@la.gov

Bids are due by 2:00pm on July 29th, 2025, unless modified by addendum.

All verbal responses given at this conference are nonbinding.



ATTACHMENT B

List of online participants:

Name	Email
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Sydney Dobson	Sydney.Dobson@LA.GOV
Christina Couvillion	christinac@qualityfirstmarine.com

Non-mandatory Pre-bid Conference



	Name (Print)	Company Name	Phone and Email
6	Kim Dailey	SURVEY EQUIP SWS	Kim@ses-services.com 225-200-0001
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8	Luke Terrebonne	Crosby Dredging	lterrebonne@crosbydredging.com 985-665-0000
9	Jesse Allen	Rain For Rent	jhallen@rainforrent.com 228-282-3332
10			
11			
12			

Non-mandatory Pre-bid Conference



Project Name: Bayou Cane Marsh Creation
Project Number: PO-0181
Date: July 15, 2025
Time: 2:00 pm
Location: CPRA, Rm. 401, 150 Terrace Ave. 70804

	Name (Print)	Company Name	Phone and Email
1	TOMMY DUNN	RIGID CONSTRUCTORS	(225) 937-0477 tdunn@rigidconstructors.com
2	MIKE NITSKA	HYDROTERRA TECH	337-315-2190 MIKE.NITSKA@HYDROTERRATECH.COM
3	Levi Lemoine	Wilson Coastal Dev	225-999-8318 llemoine@wilsoncoastal.com
4	Rick Smith	INLAND DREDGING	985-807-7105 RSMITH@INLAND-DREDGING.COM
5	RYAN Thomassie	Crosby Dredging LLC	985-258-4899 rthomassie@crosbydredging.com

Non-mandatory Pre-bid Conference



	Name (Print)	Company Name	Phone and Email
20	Jesse Roy	WS Aqua Services	387-305-3512 jroy@wsdredge.com
21	Tim VESTAL	WMI	985-991-9053 TCVESTAL@WEEKSMARINE.COM
22	Amy Parker	WMI	985-875-2500 asparker@weeksmarine.com
23	CHUCK BROUSSARD	WEEKS	985-875-2500 CIBROUSSARD@WEEKSMARINE.COM
24	Joe-Joe Robichaux	Dean Equipment Inc	985-778-5803 JohnRobichaux@deandigs.com
25	Jeff Pena	Stantec	jeffery.pena@stantec.com
26	Zach Goodnow	Stantec	zach.goodnow@stantec.com

Non-mandatory Pre-bid Conference



	Name (Print)	Company Name	Phone and Email
13	<i>Tyler Roy</i>	<i>U.S. Aquac. Services</i>	<i>337-745-8301</i> <i>tyler@usdredge.com</i>
14			
15			
16			
17			
18			
19			