ADDENDUM NO. 2 TO PLANS AND CONTRACT DOCUMENTS

FOR

MISSISSIPPI RIVER LONG DISTANCE SEDIMENT PIPELINE (BA-43 EB)
AND
BAYOU DUPONT MARSH AND RIDGE CREATION (BA-48)

JEFFERSON AND PLAQUEMINES PARISHES, LOUISIANA

Coastal Protection and
Restoration Authority of Louisiana

STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

JULY 19TH, 2013

ADDENDUM NO. 2
Mississippi River Long Distance Sediment Pipeline (BA-43 EB) and Bayou Dupont Marsh and Ridge Creation (BA-48)

This addendum shall be considered part of the Plans, Specifications, and Contract Documents (except as noted otherwise) and is issued to change, amplify, or delete from or otherwise explain these documents where provisions of this addendum differ from those of the original documents. This addendum shall have precedence over the original documents and shall govern.

I. Responses to Questions Submitted by Contractors:

Contractor Question/Comment (1): Can the earthen containment dikes be constructed with a bucket dredge? And can material be side cast to the other side?

CPRA Response (1): The means and methods are not intended to be restricted as long as the Contractor builds to the lines and grades shown in the plans and within the permitted areas and conditions. All excess material must be cast within the project area at or below marsh elevation with appropriate gapping as directed by the Engineer.

Contractor Question/Comment (2): Can the ridge feature along Bayou Dupont be constructed of *in situ* material completely rather than using some dredged material from the river?

CPRA Response (2): The ridge can be constructed of *in situ* material from the interior borrow area (as shown on Plans) as long as it meets the lines and grades shown on the plans and shall meet the acceptance requirements given in the specifications.

Contractor Question/Comment (3): Along the access corridor along the south of The Pen there appears to be some warning signs related to the rock shore protection (BA-41) project within the proposed access channel?

CPRA Response (3): These signs, if in the proposed access corridor, will be temporarily removed or repositioned by the Contractor as to avoid being in the access channel. All work associated with this shall be included in the lump sum price for REF. NO. 5 "Excavation, Flotation Access" on the Louisiana Uniform Public Work Bid Form contained in the bid documents.

Contractor Question/Comment (4): Is there sufficient material in the borrow area to construct the base bid? Can the Contractor choose what borrow site to dredge first?

CPRA Response (4): It is anticipated that sufficient material will be available in the Alliance Anchorage Borrow Area to construct the base bid. The base bid is intended to use only the Alliance Anchorage Borrow Area. If less volume than anticipated or required is available, then the LDSP Marsh Creation Area shown on the plans will be reduced accordingly. The Bayou Dupont Marsh and Ridge Creation area and the corridor extending to the Barataria Waterway will be constructed in their entirety.

Contractor Question/Comment (5): Is the temporary crossing for the BA-48 marsh creation area shown on Sheet 15 of 81 and Sheet 45 of 81 of the plans required to be constructed?

CPRA Response (5): No, it is not required if other means are used that do not violate the permit.

Contractor Question/Comment (6): What is the estimate value for the referenced project?

CPRA Response (6): The base bid is estimated at $60-70 Million and each alternate is estimated at $5-10 Million.

II. Revisions to Specifications:

Page 81, TS-9.5: The wording of this section is revised. TS-9.5 shall now read:

> *"The Contractor from the BA-41 project has inventoried all salvage parts and turned the inventory over to CPRA. CPRA has verified that this includes two signs and one light. These salvaged parts will be provided to the Contractor upon request."*

III. Revision to Plans (revised sheet attached):

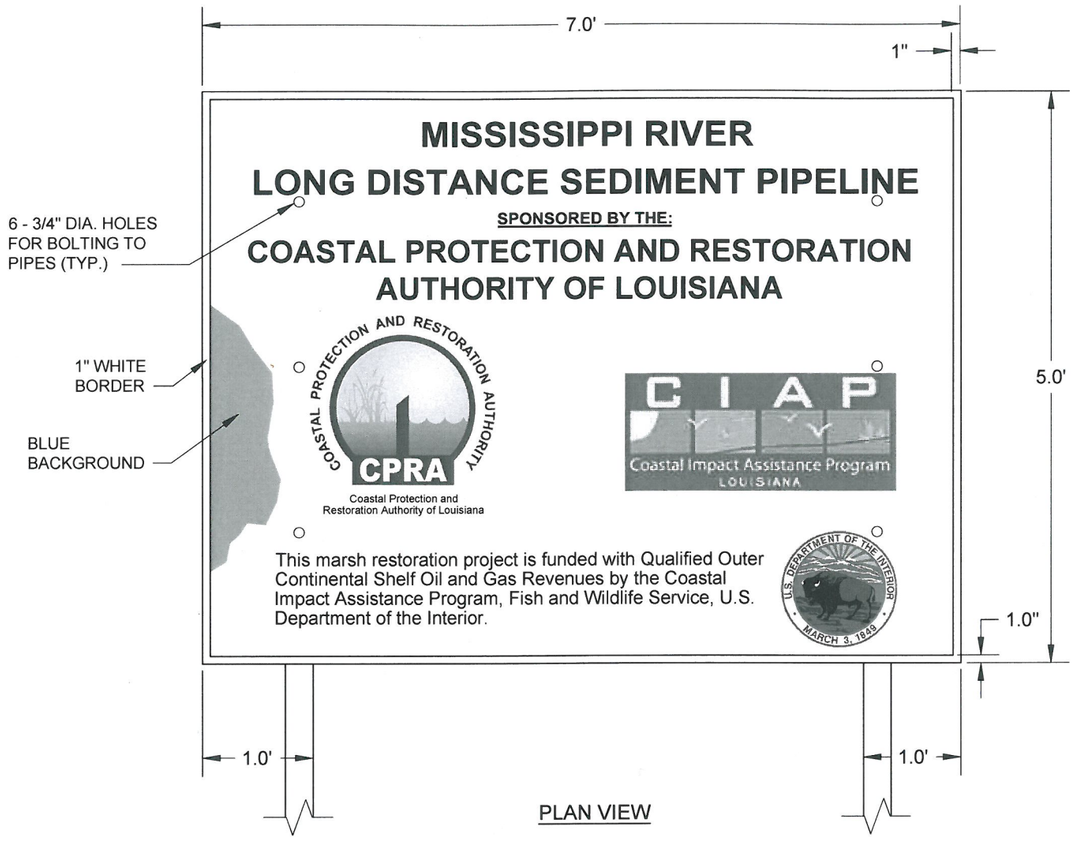
Sheet 81of 81: The wording at the bottom of the project funding sign shall be changed to read *"This marsh restoration project is funded with Qualified Outer Continental Shelf Oil and Gas Revenues by the Coastal Impact Assistance Program, Fish and Wildlife Service, U.S. Department of the Interior."*

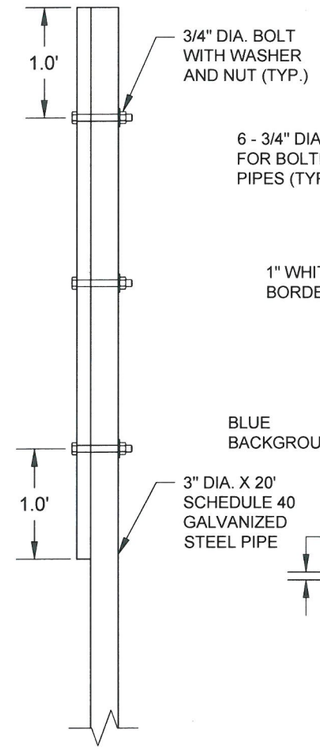
Sheet 81 of 81: An additional project funding sign shall be added as shown.

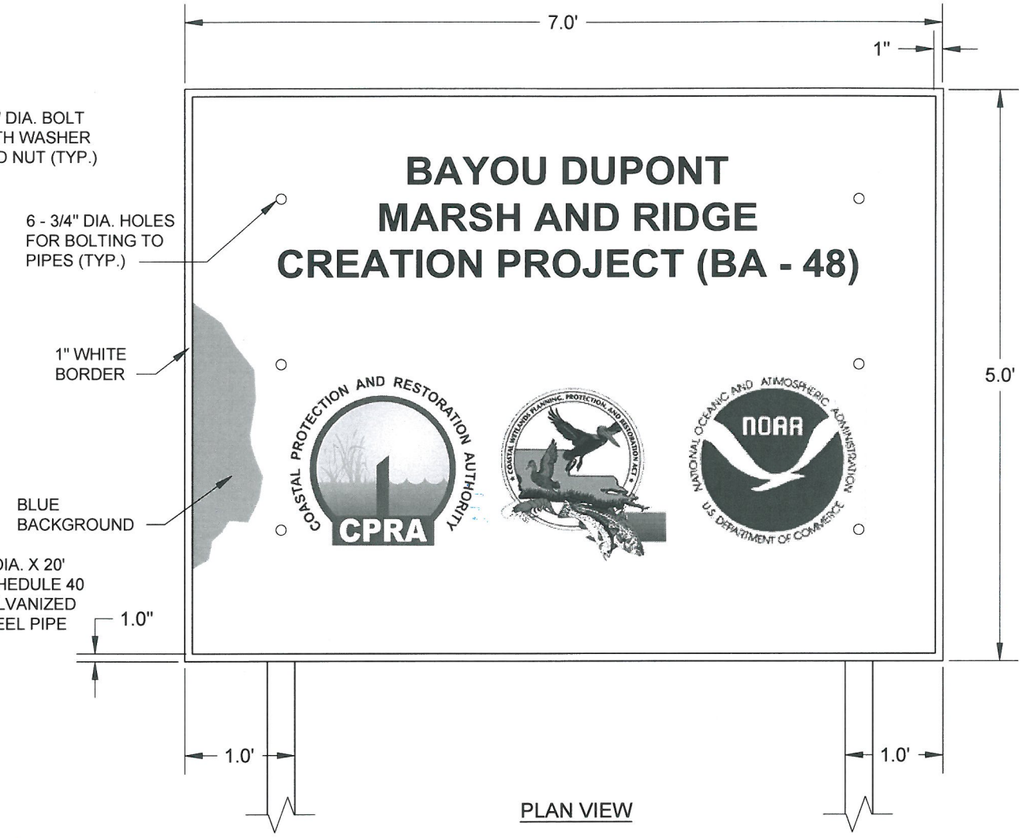
IV. Additional Clarifications:

USACE Borrow Area#1 and the permit requirement to reserve 500,000 cy above -70 ft NGVD for the emergency saltwater barrier sill if required: The attached map (Figure 1) is provided for clarification showing both the permitted Alliance Anchorage Borrow Area for this work and the USACE#1 borrow area. Permit MVN-2009-1353-EFF special condition #9 states that "the reserve quantity must be located within the boundaries shown…" which is indicated as USACE#1 on the attached map (Figure 1).

SP-8 requires the Contractor to provide a boat for the exclusive use of the Engineer and Resident Project Representative. This is intended to access the project site. A second exclusive boat on the riverside is not required provided access to the dredge can be accomplished by a non-exclusive boat and arranged appropriately so as not to delay the work of the Engineer or Resident Project Representative.







21/38 PROJECT FUNDING SIGN
NOT TO SCALE

22/- PROJECT FUNDING SIGN
NOT TO SCALE

NOTES:

1. PROJECT FUNDING SIGN SHALL BE MOUNTED ON TWO (2), THREE (3) INCH DIAMETER BY TWENTY (20) FOOT LONG, SCHEDULE 40 GALVANIZED STEEL PIPES EMBEDDED TO A DEPTH OF AT LEAST TEN (10) FOOT. SIGN SHALL BE ATTACHED TO PILES OR PIPES WITH SIX (6), 3/4" DIA. X 4" A307 (HDG) BOLTS WITH WASHERS AND NUTS.
2. BOTTOM EDGE OF SIGN SHALL BE APPROXIMATELY FIVE (5) FOOT ABOVE THE GROUND WITH FRONT FACING THE WATER, PARALLEL TO THE GROUND CREST.
3. SIGN PLACEMENT AT THE DIRECTION OF ENGINEER.

STATE OF LOUISIANA
JONATHAN HIRD
License No. 32299
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
07/18/2013

FINAL BID SET

REV.	DATE	DESCRIPTION	BY
1	7/18/13	ADDITIONAL PROJECT SIGN	SA

MOFFATT & NICHOL
ONE AMERICAN PLACE
301 MAIN STREET, SUITE 800
BATON ROUGE, LA 70825
225-336-2075

COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

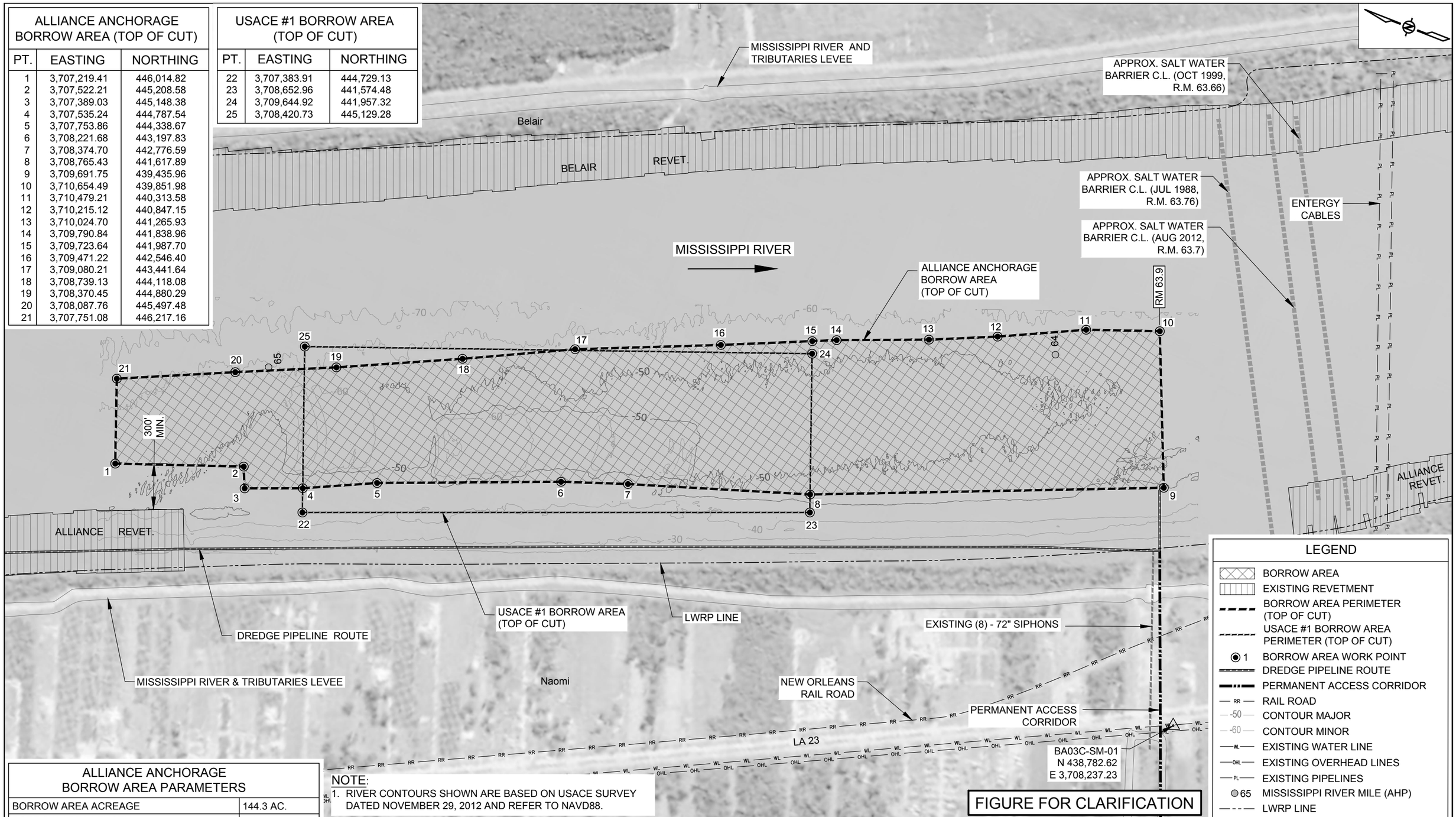
DRAWN BY: YC
DESIGNED BY: SA

MISSISSIPPI RIVER LDSP AND BAYOU DUPONT MARSH & RIDGE CREATION
STATE PROJECT NUMBER: BA-43 (EB) AND BA-48
APPROVED BY: MAURY CHATELLIER, P.E.

PROJECT FUNDING SIGNS
DATE: MARCH 8, 2013
SHEET 81 OF 81

ALLIANCE ANCHORAGE BORROW AREA (TOP OF CUT)		
PT.	EASTING	NORTHING
1	3,707,219.41	446,014.82
2	3,707,522.21	445,208.58
3	3,707,389.03	445,148.38
4	3,707,535.24	444,787.54
5	3,707,753.86	444,338.67
6	3,708,221.68	443,197.83
7	3,708,374.70	442,776.59
8	3,708,765.43	441,617.89
9	3,709,691.75	439,435.96
10	3,710,654.49	439,851.98
11	3,710,479.21	440,313.58
12	3,710,215.12	440,847.15
13	3,710,024.70	441,265.93
14	3,709,790.84	441,838.96
15	3,709,723.64	441,987.70
16	3,709,471.22	442,546.40
17	3,709,080.21	443,441.64
18	3,708,739.13	444,118.08
19	3,708,370.45	444,880.29
20	3,708,087.76	445,497.48
21	3,707,751.08	446,217.16

USACE #1 BORROW AREA (TOP OF CUT)		
PT.	EASTING	NORTHING
22	3,707,383.91	444,729.13
23	3,708,652.96	441,574.48
24	3,709,644.92	441,957.32
25	3,708,420.73	445,129.28



ALLIANCE ANCHORAGE BORROW AREA PARAMETERS	
BORROW AREA ACREAGE	144.3 AC.
BORROW AREA LENGTH	7,010'
BORROW AREA WIDTH	600' TO 1,050'
BORROW AREA THICKNESS	30' TO 40'
BORROW AREA VOLUME (-90' NAVD88 MAX.)	7.1 MCY

600' 300' 0' 600' 1,200'

NOTE:
1. RIVER CONTOURS SHOWN ARE BASED ON USACE SURVEY DATED NOVEMBER 29, 2012 AND REFER TO NAVD88.

REV.	DATE	DESCRIPTION	BY

MOFFATT & NICHOL
ONE AMERICAN PLACE
301 MAIN STREET, SUITE 800
BATON ROUGE, LA 70825
225-336-2075

COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

DRAWN BY: YC
DESIGNED BY: SA

MISSISSIPPI RIVER LDSP AND BAYOU DUPONT MARSH & RIDGE CREATION

STATE PROJECT NUMBER: BA-43 (EB) AND BA-48

APPROVED BY: MAURY CHATELLIER, P.E.

SALTWATER BARRIER SILL RESERVE

DATE: JULY 18, 2013

FIGURE 1