GENERAL NOTES

1. ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) U.S. SURVEY FEET. ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN PLANE SOUTH ZONE U.S. FEET. ALL MARSH CREATION AREA ELEVATIONS ARE BASED ON LOUISIANA DEPARTMENT OF NATURAL RESOURCES (LDNR) SECONDARY MONUMENT BAD3C-SM-01. SECTION B&B IS BASED ON LDNR SECONDARY MONUMENT BAD3C-3M-01. SEE APPENDIX E FOR THE SPECIFICATIONS FOR SURVEY MONUMENT DATA SHEETS.

SECONDARY MONUMENT  ELEVATION  NORTHING  EASTING
BAD3C-SM-01  2.97'  438,765.62  3,708,237.23
BAD3C-SM-02  -9.67'  433,541.03  3,701,364.09

2. FILL AREA ELEVATIONS SHOWN ON THE PLANS ARE BASED ON THE SURVEYS PERFORMED IN AUGUST AND SEPTEMBER OF 2000 BY EMC SURVEYING AND MAPPING FOR THE LOUISIANA OFFICE OF COASTAL PROTECTION AND RESTORATION (COPR). BORROW AREA ELEVATIONS SHOWN ON THE PLANS ARE BASED ON SURVEYS PERFORMED IN 2003 BY USACE. PIPELINE CORRIDOR ELEVATIONS SHOWN ON SECTION B&B ON THE PLANS ARE BASED ON SURVEYS PERFORMED IN AUGUST 2007 BY LDNR.

3. THE CONTRACTOR SHALL FOLLOW THE SPECIFIED PIPELINE CORRIDOR AND SHALL NOT, AT ANY TIME, TRED ON EXISTING MARSH OR VEGETATED WETLANDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING WITHIN THE LIMITS OF THE PROJECT PLAN AREA AND SHALL NOTIFY LANDOWNERS ACCORDING TO THE LAND RIGHTS MEMORANDUM SHOWN IN APPENDIX C. THE ENGINEER OR THE REPRESENTATIVE SHALL HAVE THE LOCATION DURING CONSTRUCTION.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE AND UTILITY OPERATORS AT LEAST 72 HOURS IN ADVANCE OF THE WORK. PIPELINES IN OPEN WATER SHALL BE MARKED WITH BUOYS BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION OR HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. THE CONTRACTOR SHALL NOT ANCHOR OR EXCAVATE WITHIN 50 FEET OF ANY PIPELINE IN THE MISSISSIPPI RIVER. NO EXCAVATION SHALL BE PERMITTED WITHIN 50 FEET OF THE SHELL OIL PIPELINE IN THE PROJECT AREA. THE FOLLOWING IS A LIST OF PIPELINE OWNERS SHOWN IN PIPELINES IN THE WORK AREA. CALL LOUISIANA ONE CALL AT 1-800-272-3020 5 DAYS PRIOR TO EXCAVATION TO LOCATE ANY OTHER PIPELINES OR UTILITIES.

SHELL OIL PIPELINE
CONTACT: JERRY JUNKER
PHONE: (225) 304-1823

PLANS ALL AMERICAN PIPELINE, L.P.
CONTACT: RUSTY CAVALIER
PHONE: (504) 393-6382

6. PLANS AND SPECIFICATIONS ARE COMPLEMENTARY; WHAT IS REQUIRED BY ONE IS BINDING AS REQUIRED BY ALL. CLARIFICATIONS AND INTERPRETATIONS OF, OR NOTIFICATIONS OF MINOR VARIATIONS AND DEVIATIONS IN THE CONTRACT DOCUMENTS, WILL BE ISSUED BY THE ENGINEER.

7. ANY DAMAGE TO EXISTING U.S. COAST GUARD NAVIGATION AIDS OR PRIVATE NAVIGATION AIDS SHALL BE REPAIRED BY THE CONTRACTOR TO U.S. COAST GUARD STANDARDS AT THE EXPENSE OF THE CONTRACTOR.

8. THE MARSH CREATION AREA AND BORROW AREA MAY BE REVISED BY THE ENGINEER AT THE TIME OF CONSTRUCTION TO REFLECT CHANGES IN FIELD CONDITIONS.

9. ESTIMATED MARSH CREATION QUANTITIES SHOWN ARE FOR BIDDING PURPOSES ONLY AND WERE CALCULATED ACCORDING TO CONDITIONS SURVEYED IN AUGUST AND SEPTEMBER OF 2000. QUANTITIES WERE ACQUIRED USING THE AVERAGE END AREA METHOD OF SECTIONS. THE OWNER RESERVES THE RIGHT TO ADJUST QUANTITIES OF ANY BID ITEM HIGHER OR LOWER WITHOUT ADJUSTMENT OF THE UNIT PRICE.

10. DATA FROM LDNR GAUGE BAD3C-OR-61 IN BAYOU DUPONT WAS USED TO CALCULATE THE MEAN HIGH WATER (MHW) AND MEAN LOW WATER (MLW). ELEVATIONS ARE REFERENCED TO NAVD 88, US FEET. MHW = 0.87' AND MLW = 0.50'.

11. THE CONTRACTOR SHALL PERFORM A MAGNETOMETER SURVEY OF THE BORROW AREA AND THE FILL AREAS AS WELL AS ANY OTHER EXCAVATION LOCATIONS PRIOR TO EXCAVATION. DRAWINGS SHOWING THE TRACK LINES, ANY MAGNETOMETER HITS, COORDINATES, AMPLITUDE, SIGNATURE TYPE, AND SIGNATURE WIDTH OF ALL MAGNETOMETER HITS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO EXCAVATION AS PER TS-3.3.7 OF THE SPECIFICATIONS.

12. NO EXCAVATION OF MATERIAL IS ALLOWED NEAR THE MISSISSIPPI RIVER FLOOD PROTECTION LEVEE, PLACQUEMINES PARISH FLOOD PROTECTION LEVEES, OR NAOMI SIPHON LEVEES. ALL LEVEE CROSSINGS SHALL BE OVER LAND AND IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
The diagram illustrates a section of a dike project with various elevations and water levels. The sections labeled 'SECTION C-C\textsuperscript{'}' and 'SECTION D-D\textsuperscript{'}' depict the dike's cross-sectional view with marked elevations and water depths. The earthen containment dike is shown as a large, triangular structure with borrow areas indicated. The existing spoil bank and existing water bottom are also marked. The diagram includes a legend and notes indicating that all elevations are given in the North American Vertical Datum of 1988 (NAVD88).
MISSISSIPPI RIVER LEVEE INSPECTION ROAD IS AT THE LANDSIDE TOE OF THE LEVEE AS SHOWN IN DETAIL B ON SHEET 7.

1. THE CROWN RAMP OVER THE DREDGE PIPELINE CROSSINGS SHALL CONSIST OF CRUSHED STONE FOR FULL WIDTH (10' MINIMUM) AND LENGTH OF RAMP. THE CRUSHED STONE MATERIAL SHALL CONFORM TO LA DOTD 2000 STANDARD SPECIFICATION 1003.04 (6). TEMPORARY PIPELINE MARRIERS INDICATING OWNER, CONTENTS AND ADDRESS FOR CONTACTING OWNER SHALL BE PLACED AND MAINTAINED AT EACH TOE OF THE LEVEE NEAR DREDGE PIPELINE.

2. ALL COSTS ASSOCIATED WITH DREDGE PIPELINE CROSSING CONSTRUCTION SHALL BE PAID PER BID ITEM NUMBER 8 "MOBILIZATION AND DEMOBILIZATION".

3. SEE SECTION TS-1-6 OF THE SPECIFICATIONS FOR INFORMATION REGARDING DREDGE PIPELINE CROSSINGS.

4. CONTRACTORS MAY USE CROSSING DETAIL SHOWN FOR CATTLE CROSSINGS, DIRT ROAD CROSSINGS, GRAVEL ROAD CROSSINGS, AND DRIVEWAY CROSSINGS. EARTHEN MATERIAL MAY BE SUBSTITUTED FOR ROCK FOR CATTLE CROSSINGS.

NOTES:

MISSISSIPPI RIVER LEVEE INSPECTION ROAD

STATE OF LOUISIANA
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
491 LAUREL STREET
BATON ROUGE, LOUISIANA, 70801

MISSISSIPPI RIVER SEDIMENT DELIVERY SYSTEM - BAYOU DEPOINT INCREMENT 2
MISSISSIPPI RIVER LEVEE INSPECTION ROAD CROSSING DETAILS

MISSISSIPPI RIVER LEVEE

NO CHANGES ON THIS SHEET.

DATE: FEBRUARY 2009

STATE PROJECT NUMBER: DA-39
FEDERAL PROJECT NUMBER: DA-30

DRAWN BY: KIRBY CANTU DESIGN BY: WHITNEY THOMPSON, P.E.
APPROVED BY: LEE LEBLON, P.E.

SHEET 12 OF 18
NOTES:
1. THE CROWN RAMP OVER THE DREDGE PIPELINE CROSSINGS SHALL CONSIST OF CRUSHED STONE FOR FULL WIDTH (15' MINIMUM) AND LENGTH OF RAMP. THE CRUSHED STONE MATERIAL SHALL CONFORM TO LADOTD 2000 STANDARD SPECIFICATION 1003.04 (A).
2. TEMPORARY PIPELINE MARKERS INDICATING OWNER, CONTENTS, AND ADDRESS FOR CONTACTING OWNER SHALL BE PLACED AND MAINTAINED AT EACH TOE OF THE LEVEE NEAR DREDGE PIPELINE.
3. ALL COSTS ASSOCIATED WITH DREDGE PIPELINE CROSSING CONSTRUCTION SHALL BE PAID PER BID ITEM NO. 8 "MOBILIZATION AND DEMOBILIZATION"
4. SEE SECTION 15-16 OF THE SPECIFICATIONS FOR INFORMATION REGARDING DREDGE PIPELINE CROSSINGS.

PLAQUEMINES PARISH FLOOD PROTECTION LEVEE

NO CHANGES ON THIS SHEET.
MARSH CREATION
SETTLEMENT PLATE
NOT TO SCALE

SETTLEMENT PLATE NOTES:
1. SETTLEMENT PLATE SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.
2. LOCATION AND ELEVATION WILL BE RECORDED DURING AS-BUILT SURVEY.
3. FOR INSTALLATION METHOD REFER TO TS-6 OF THE PROJECT SPECIFICATIONS.
4. SEE SHEET B FOR SETTLEMENT PLATE LOCATION.

NOTES:
1. STEEL CASING PIPE CAPS SHALL BE 1/2" THICK AND SHALL BE COATED WITH COAL TAR EPOXY-POLYAMIDE PAINT, IN ACCORDANCE WITH THE LADO 3000 STANDARD SPECIFICATION 1909.04.
2. AFTER MARSH FILL ELEVATION HAS BEEN ACCEPTED AND DREDGED PIPELINE HAS BEEN REMOVED, CASING PIPE CAPS SHALL BE INSTALLED IN ACCORDANCE WITH CONSTRUCTION SPECIFICATIONS. CAPS SHALL BE WELDED TO CASING PIPE AND SHALL BE WATER TIGHT.
3. ALL COSTS ASSOCIATED WITH CASING PIPE CAPS SHALL BE PAID FOR PER BID ITEM NO. 1, "MOBILIZATION AND DEMOBILIZATION."

NO CHANGES ON THIS SHEET.

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
459 LAUREL STREET
BATON ROUGE, LOUISIANA 70806

MISSISSIPPI RIVER SEDIMENT DELIVERY SYSTEM - BAYOU DUPO PP INCINLET CORPAIR 3
STATE PROJECT NUMBER: BA-30
FEDERAL PROJECT NUMBER: BA-30
DATE: FEBRUARY 2008

CASING PIPE CAP AND SETTLEMENT PLATE DETAILS
DRAWN BY: KRISE CANTU
DESIGNED BY: WHITNEY THOMPSON, P.E.
APPROVED BY: LIEB LEBAL, P.E.
SHEET 15 OF 18
NOTE:
ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).