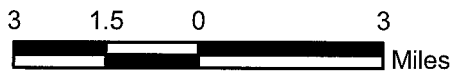
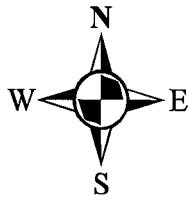


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| Houma | CLiner | 01/06/11 | | |

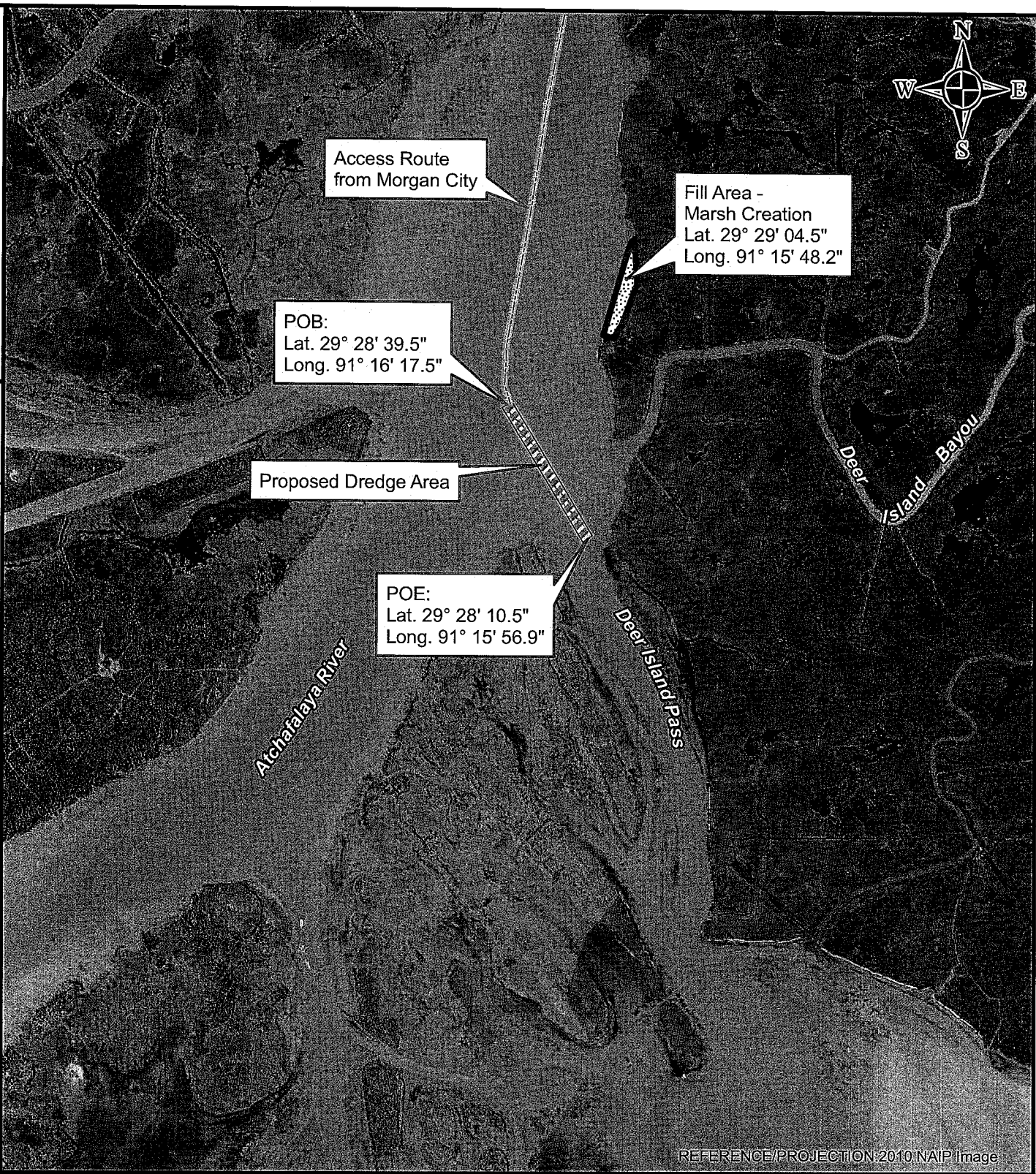


REFERENCE/PROJECTION: USGS Topo 100K Quads







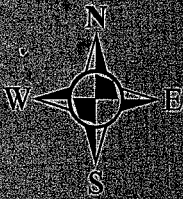
ST. MARY PARISH GOVERNMENT

SHEET 1 OF 4
PROPOSED DEER ISLAND PASS REALIGNMENT
SECTIONS 19 & 30, T18S - R12E
CIAP/ENERGY BILL PROJECT
ST. MARY PARISH, LOUISIANA

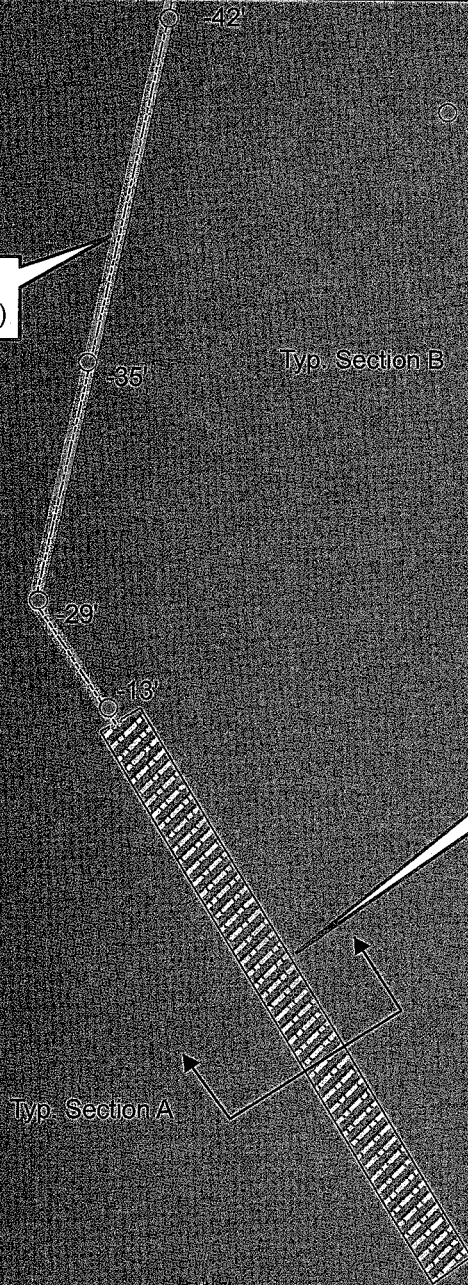


REFERENCE/PROJECTION: 2010 NAIP Image

| | |
|---|---|
| <p>Legend</p> <p> Dredge Area</p> <p> Marsh Creation</p> |  <p>ST. MARY PARISH GOVERNMENT</p> |
| <p>3,000 1,500 0 3,000</p> <p> Feet</p> <p>Revised: 01/31/11</p> | <p>SHEET 2 OF 4</p> <p>PROPOSED DEER ISLAND PASS REALIGNMENT</p> <p>CIAP/ENERGY BILL PROJECT</p> <p>ST. MARY PARISH, LOUISIANA</p> |



Access Route
(From Morgan City)






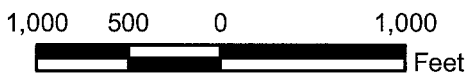
PROPOSED DISPOSAL/
MARSH CREATION AREA
(13 ACRES +3.0' ELEV.)

PROPOSED DREDGE AREA
(3,500' X 305' X -12')

REFERENCE PROJECTION: 20110 NAD83 Image

Legend

-  Dredge Area
-  Marsh Creation Area - 13 acres
-  Containment Dike - 4,710'



Revised: 01/31/11



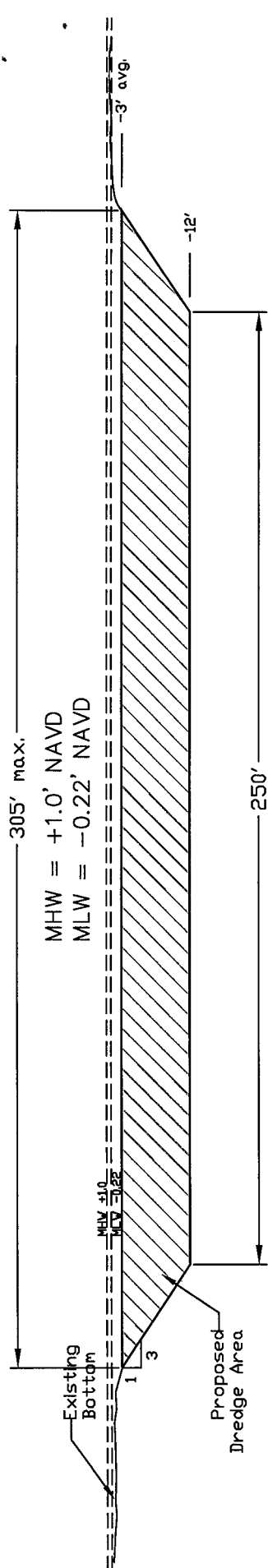
ST. MARY PARISH GOVERNMENT

SHEET 3 OF 4

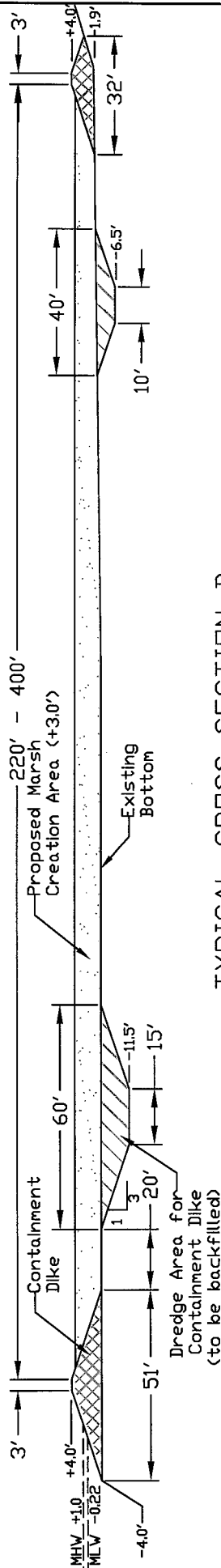
PROPOSED DEER ISLAND PASS REALIGNMENT

CIAP/ENERGY BILL PROJECT

ST. MARY PARISH, LOUISIANA



TYPICAL CROSS SECTION A



TYPICAL CROSS SECTION B

Notes: Approximately 210,000 cys (24 acres) of material will be dredged from the pass to recreate a channel. This material will be placed within the marsh creation area to fill the containment dike dredge areas and create 13 acres of marsh. Approximately 33,000 cys (6.5 acres) of material will be dredged for the containment dike.

Marsh Creation area to be filled to a +3.0' elevation. Final Settlement elevation will be approximately +2.0' elevation. The containment dike will be degraded to a +2.0 elevation upon settlement of area.

SHEET 4 OF 4
TYPICAL CROSS SECTIONS
PROPOSED DEER ISLAND PASS REALIGNMENT
CIAP APPROVED PROJECT

SECS. 19 & 30, T18S-R12E, ST. MARY PARISH, LOUISIANA



MAIN OFFICE LOCATION
197 ELTSAN DRIVE
HOUMA, LA 70363
WITH OFFICES IN
WESTMOORE AND BRON ROUGE, LA
PHONE: (985) 868-3434
FAX: (985) 868-8513

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|----------------------------|------------------|-------------------|-------------------|---------------|-----------------------|--------------|
| DESIGNED BY: CD | DRAWN BY: CDL | CHECKED BY: CD | DATE: 01/06/11 | SCALE: NTS | PROJECT NO. 137079 | SHEET # 4 |
| FILENAME: permit\sheet.dwg | | | | | | |

Revised: 01/31/11