REPAIR AND MAINTENANCE OF THE
MARSH ISLAND HYDROLOGIC RESTORATION PROJECT (TV–14)
AND
COTE BLANCHE HYDROLOGIC RESTORATION PROJECT (TV–04)

ST. MARY PARISH, LOUISIANA
FOR
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

U.S. ARMY CORPS OF ENGINEERS

PROJECT DESCRIPTION: REPAIR AND MAINTENANCE OF (TV–14) & (TV–04)
PROJECT NO.: 03–0031(C)
DATE: FEBRUARY 2006
PLACED ARMOR STONE ( RIPRAP CLASS 1000#) ALONG ROCK DIKE TO REPLACE MISSING STONE AND RECONSTRUCTED DIKE TO TYPICAL SECTION (4,139 TONS)

WEST COTE BLANCHE BAY

RECONSTRUCTED ROCK DIKE

MARSH

LAKE SAND

NOTE:
1. LAKE SAND CLOSURE OUTER 1000FT TANGENTS (INCLUDING WINDS) CONSTRUCTED TO 3.0 NOVD. MASON 1300FT (121.1') DIKE CONSTRUCTED TO 4.0 NOVD FOR OVERTopping OF STONE.

TYPICAL ROCK DIKE SECTION

LAKE SAND CLOSURE

NOT TO SCALE

ASBUILT DRAWINGS
PLACED PAVING STONE (RIPRAP CLASS 130#)
(18" THICK) WITH GEOTEXTILE FABRIC
(74 TONS)

PLACED PAVING STONE (RIPRAP CLASS 130#)
(18" THICK) WITH GEOTEXTILE FABRIC
(52 TONS)
PLACED PAVING STONE (RIPRAP CLASS 130#) (18" THICK) WITH GEOTEXTILE FABRIC (74 TONS)

HUMBLE

LIGHTED CHANNEL MARKERS

PLACED PAVING STONE (RIPRAP CLASS 130#) (18" THICK) WITH GEOTEXTILE FABRIC (74 TONS)

HEADWALL

MARSH

EXIST. ROCK

BANK (SHELL)

EXISTING ROCK

REMOVED EXISTING CABLE WRAPS AND RE-WRAPPED WITH 8 WRAP S OF 1/2" DIA. CABLE MEETING ASTM A-416 AND ASTM A-882/A-882M-92 BETWEEN THE 3 EXISTING ALLOY THREAD TIE RODS. THE NEW 1/2" DIA. CABLE SECURED USING 3 STAINLESS STEEL CABLE CLAMP. (TYP. FOR ALL FOUR SUPPORT STRUCTURES)

ASBUILT DRAWINGS
PLACED PAVING STONE (RIPRAP CLASS 130#) ALONG ROCK BANK AS DIRECTED BY PROJECT ENGINEER TO REPLACE MISSING STONE (24 TONS)

PLACED PAVING STONE (RIPRAP CLASS 130#) ALONG ROCK BANK AS DIRECTED BY PROJECT ENGINEER TO REPLACE MISSING STONE (24 TONS)

PLACED ARMOR STONE (RIPRAP CLASS 1000#) BEHIND EXISTING PVC BULKHEAD TO CLOSE GAP IN WALL (AS DIRECTED BY PROJECT ENGINEER) (32 TONS)