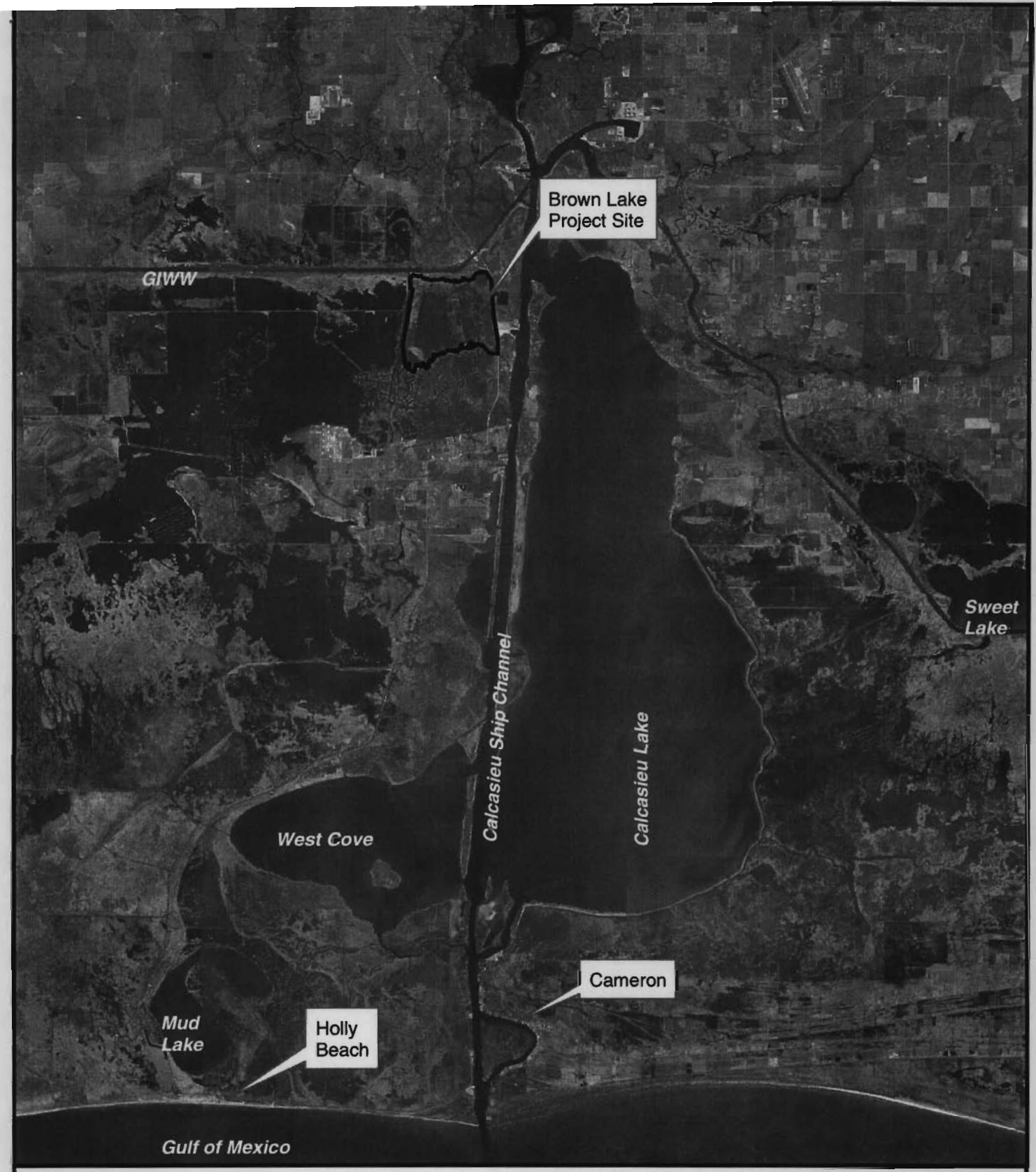
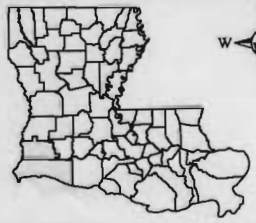


Map Produced By:
United States Department of Agriculture
Natural Resources Conservation Service
Alexandria, LA

Data Source:
2005 DOQQ Aerial Photography

Map Date: June 5, 2007



N
W E
S

CS-09 Brown Lake Hydrologic Restoration
Calcasieu and Cameron Parishes, Louisiana
Vicinity Map

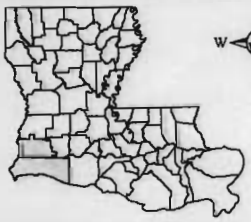
Legend
Project_Boundary

0 1 2 4 6 8
Miles

Map Produced By:
United States Department of Agriculture
Natural Resources Conservation Service
Alexandria, LA

Data Source:
2005 Aerial Photography

Map Date: April 5, 2007



N
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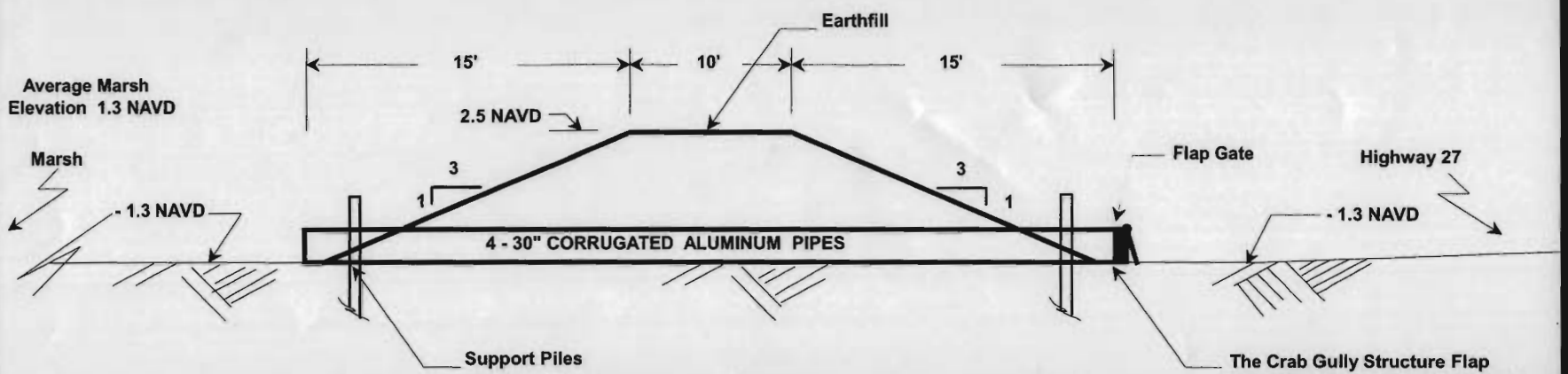
CS-09 Brown Lake Hydrologic Restoration
Calcasieu and Cameron Parishes, Louisiana
Permit Map

Legend
New_Project_Boundary
Original_Project_Boundary
Terrace_Area
Structure_Locations

0 1,000 2,000 4,000
Feet

CRAB GULLY WATER CONTROL STRUCTURE



The Crab Gully Structure Flap Gate will remain open at all times except,
1) during the (Feb-Jun) portion of the "re-vegetation or drawdown phase" every third year,
2) when salinity exceeds 15 ppt 100 feet inside the structure.

TYPICAL SECTION

NOTES:

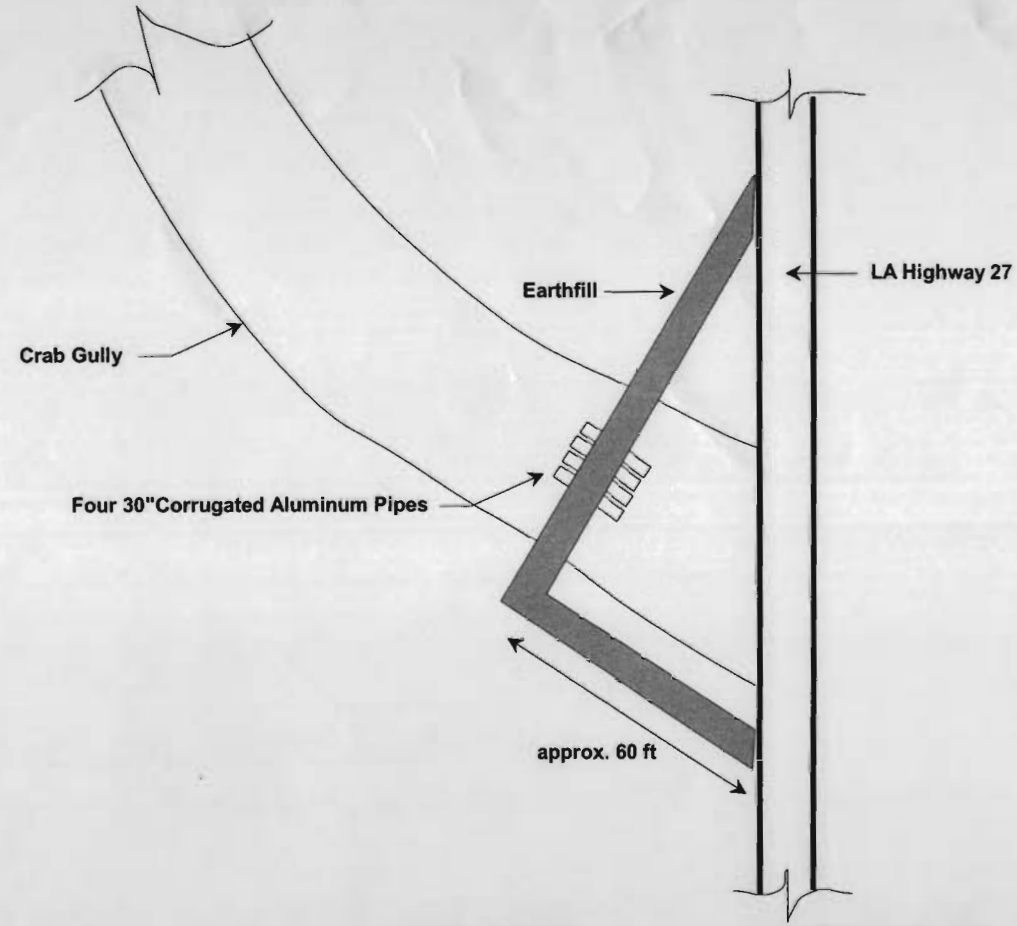
1. Structure to be installed in the channel west of Highway 27.
2. Structure shall consist of Earthfill with four (4) - 30" Diameter Corrugated Aluminum Pipes with a Flap Gate on the Highway Side.
3. Earth fill shall be placed on either side of structure to form a ring levee, which will tie in to existing roadway embankment.
4. Total volume of earthfill placed is approximately 200 cubic yards.
5. Elevation of the shoulder of Highway 27 is 5.0 NAVD88.
6. All elevations in NAVD88.

NOT TO SCALE

BROWN LAKE HYDROLOGIC RESTORATION PROJECT (CS-9)

TYPICAL DRAWING - CRAB GULLY STRUCTURE

CALCASIEU & CAMERON PARISHES, LA



PLAN

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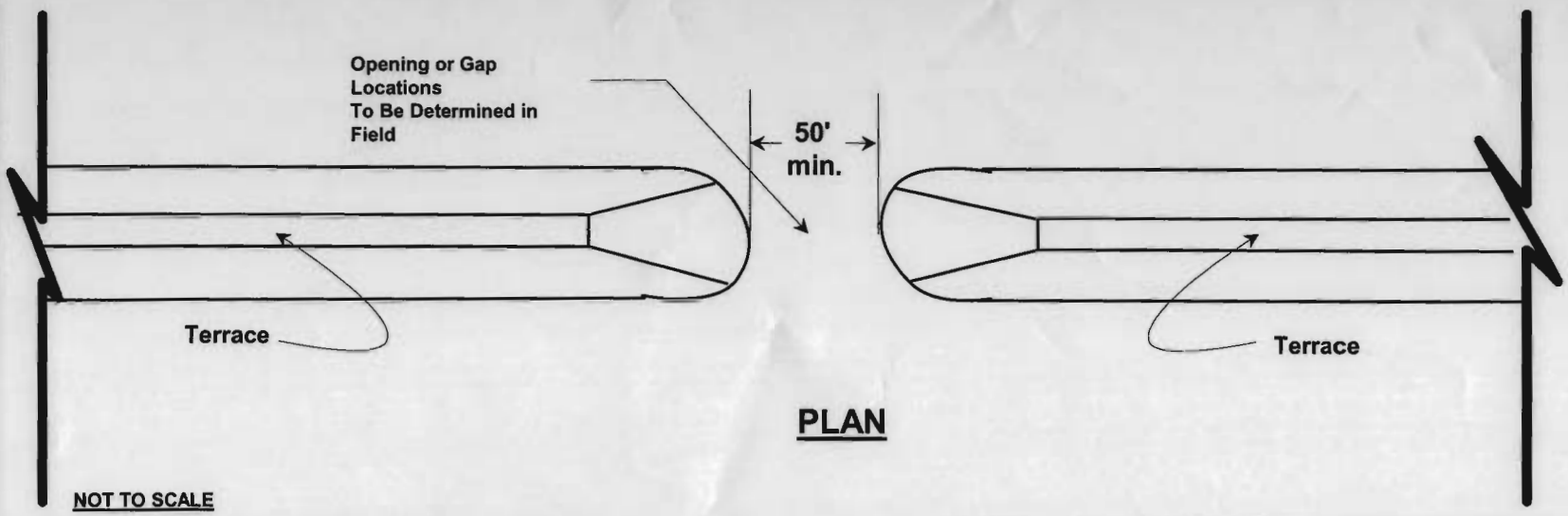
Not To Scale

BROWN LAKE HYDROLOGIC RESTORATION PROJECT

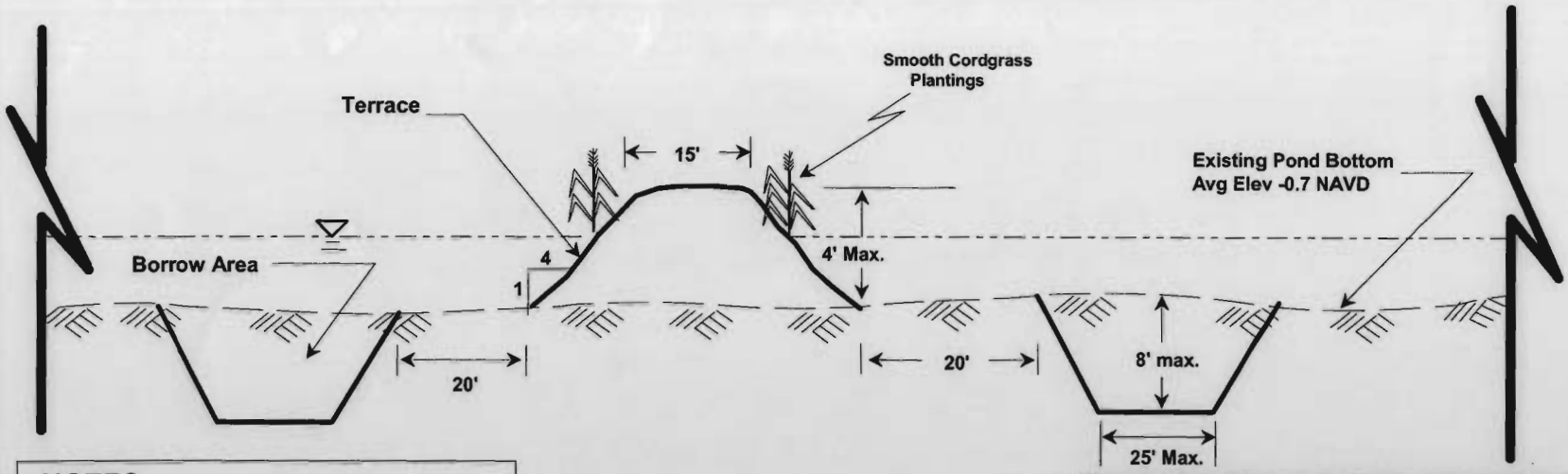
TYPICAL DRAWING - CRAB GULLY

CALCASIEU & CAMERON PARISHES, LA



PLAN

NOT TO SCALE



NOTES

1. Total length of terrace approximately 23,500 linear feet.
2. Estimated earth fill approximately 95,000 cy.
3. Terrace segments shall not exceed 1,000 ft lengths with gaps between terraces ranging from 50-100 ft. Spacing between terraces shall be approximately 500 ft.

TYPICAL SECTION

NOT TO SCALE

BROWN LAKE HYDROLOGIC RESTORATION PROJECT

TYPICAL DRAWING - TERRACE

CALCASIEU & CAMERON PARISHES, LA