rev. February 2008
Cost figures as of: March 2013

Brown Lake Hydrologic Restoration (CS-09)

De-authorized

Project Status

Approved Date: 1993 **Project Area:** 916 acres
Approved Funds: $1.09 M **Total Est. Cost:** $1.09 M
Net Benefit After 20 Years: 37 acres
Status: De-authorized
Project Type: Hydrologic Restoration
PPL #: 2

Location

This project is located in Cameron and Calcasieu parishes, approximately 3 miles north of Hackberry, Louisiana.

Problems

Saltwater intrusion from the Calcasieu Ship Channel and increased tidal amplitudes have caused 90 % of the marsh in this system to be lost.

Restoration Strategy

This project will restore, to the extent possible, the altered hydrology of approximately 2,800 acres of wetlands in the area of Brown Lake. This project consists of the installation of two water control structures, two freshwater introduction structures, the rehabilitation or construction of approximately 30,000 linear feet of boundary levees, and 20,500 linear feet of terraces and associated vegetative plantings.

Progress to Date

This project is being coordinated with the U.S. Army Corps of Engineers dredging program. Several pipeline-related issues have caused delays, but these issues have been resolved. The permits, the effects of Crab Gully, and the operations agreements have been addressed. Contract advertisement will take place after receiving Phase 2 funding approval from the Louisiana Coastal Wetlands Conservation and Restoration Task Force.

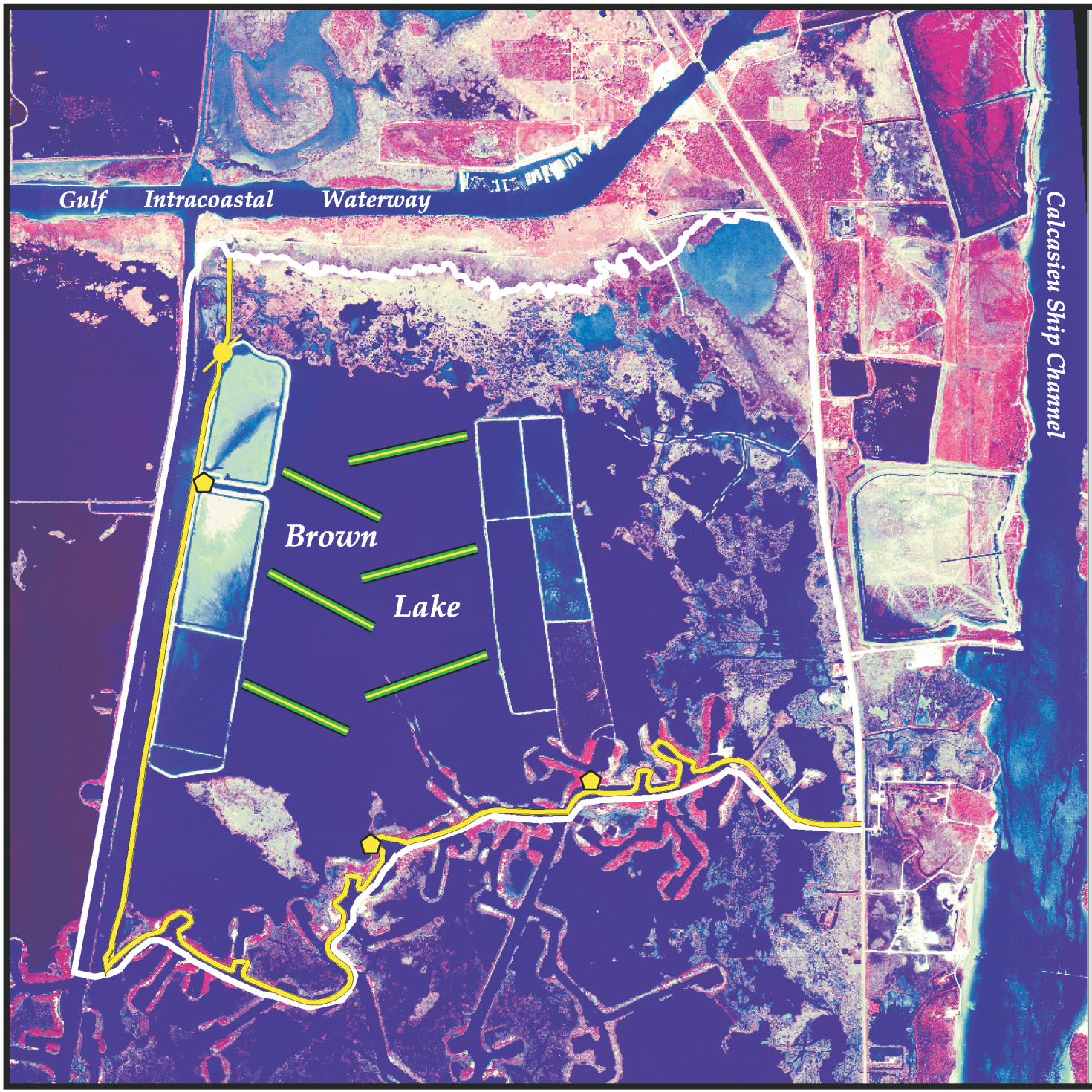
This project is on Priority Project List 2.

In order to prevent wind generated wave erosion from destroying the freshly added spoil, vegetation is planted to get a head start on providing cover for the fragile soil.

For more project information, please contact:

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

Local Sponsor:
Coastal Protection and Restoration Authority
Baton Rouge, LA
(225) 342-4736



Brown Lake Hydrologic Restoration (CS-09)

- Water Control Structure *
- Weir *
- Containment Dike *
- Terrace *
- Project Boundary

* denotes proposed features

N

1000 0 1000 Feet

500 0 500 Meters

Map Produced By:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station

Background Imagery:
Color Infrared Aerial Photography 2002

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