rev. April 2007
Cost figures as of: February 2017

Black Bayou Culverts Hydrological Restoration (CS-29)

Project Status

Approved Date: 2000 **Project Area:** 72,378 acres
Approved Funds: $16.1 M **Total Est. Cost:** $16.8 M
Net Benefit After 20 Years: 540 acres
Status: Construction Completed
Project Type: Hydrologic Restoration
PPL #: 9

Location

The project features are located in southern Calcasieu Parish, Louisiana. The majority of the project area is located east of Calcasieu Lake and includes areas north of the Gulf Intracoastal Waterway and west of Grand Lake in Cameron Parish, Louisiana.

Problems

The marsh within this area has been suffering from excessive water levels within the lakes subbasin that kills vegetation, prevents growth of desirable annual plant species, and contributes to shoreline erosion. Black Bayou offers a unique location in the basin where the water in the lakes subbasin and the outer, tidal waters are separated by only a narrow highway corridor.

Restoration Strategy

Project components include installing ten 10 foot by 10 foot concrete box culverts in Black Bayou at the intersection of Louisiana Highway 384. The structure discharge will be in addition to the discharges provided by Calcasieu Locks, Schooner Bayou, and Catfish Point water control structures.

Progress to Date

Construction has been completed.

This project is on Priority Project List 9.

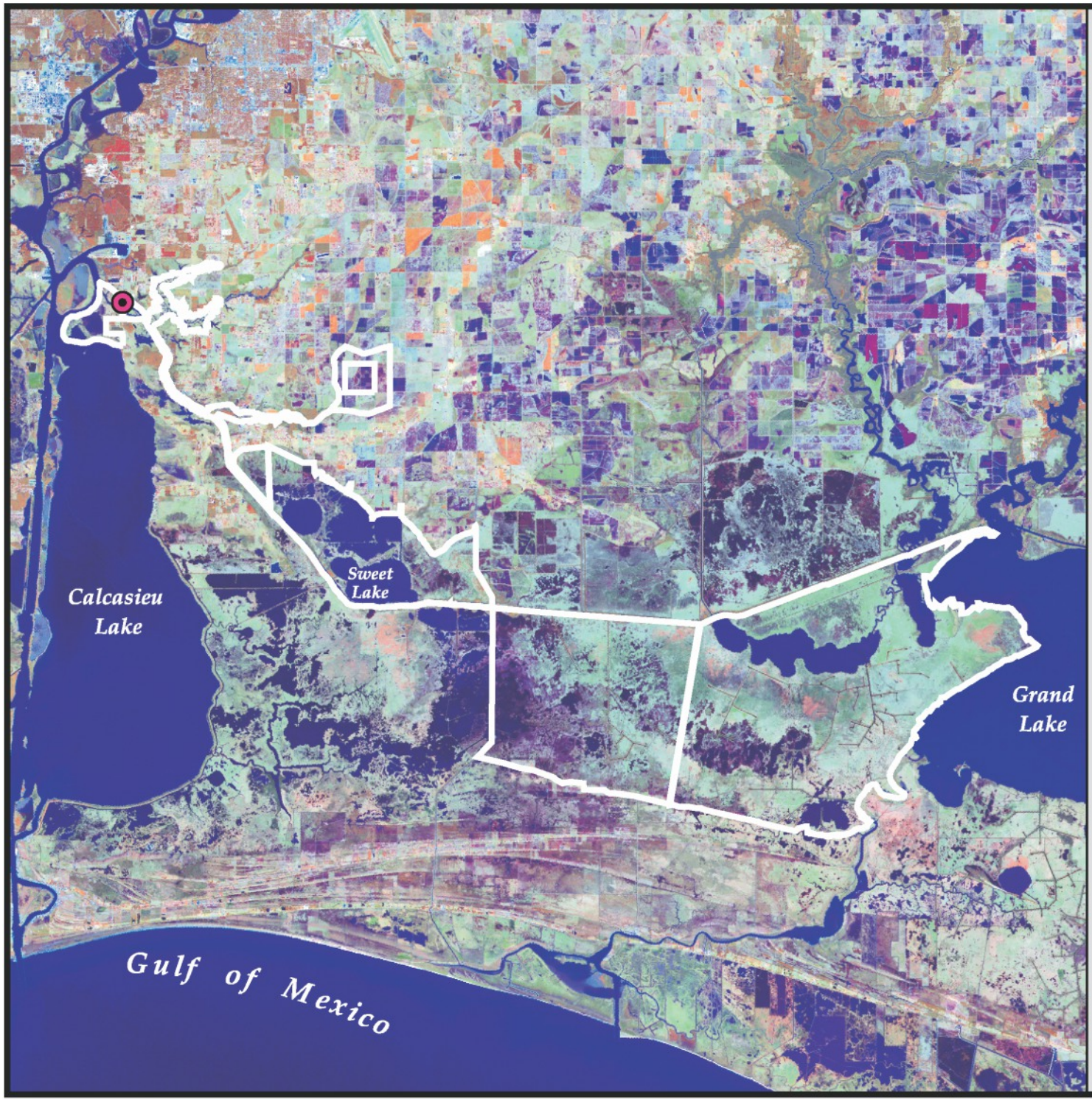
The construction of Black Bayou Culverts included ten 10 foot by 10 foot concrete box culverts under Highway 384 to help with drainage from Black Bayou to the Calcasieu River. The construction of Highway 384 had altered and effectively blocked the original drainage system.

The constructionof the Black Bayou Culverts will help the flow of floodwater out of the Calcasieu-Sabine basin while preventing saltwater intrusion from Calcasieu Lake.

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



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Culverts *

Project Boundary

* denotes proposed feature

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

Background Imagery:
2002 Thematic Mapper Imagery

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