October 2003
Cost figures as of: February 2023

Grand Bayou/ GIWW Freshwater Diversion (TE-10)

De-authorized

Project Status

Approved Date: 1996 **Project Area:** 16,164 acres
Approved Funds: $1.45 M **Total Est. Cost:** $1.45 M
Net Benefit After 20 Years: 199 acres
Status: De-authorized
Project Type: Hydrologic Restoration
PPL #: 5

Location

The project is located in Lafourche Parish, Louisiana, approximately 5 miles southwest of Cut Off and south of Larose. The project area includes part of the Pointe au Chien Wildlife Management Area.

Problems

St. Louis Canal and the Island Road Borrow Canal have re-routed water exchange westward via Bayou Pointe au Chien to the Bayou Jean LaCroix watershed. Because this area has higher salinities and twice the tidal amplitude as that of the Grand Bayou watershed into which the area should drain, swamps and other salt-sensitive project-area wetlands have suffered substantial deterioration and loss.

Restoration Strategy

Water exchange to the west through Bayou Pointe au Chien would be halted by installing a major water control structure in Bayou Pointe au Chien. Exchange with the Grand Bayou watershed would be restored by installing new water control structures through the existing levee along the west side of the Grand Bayou/Grand Bayou Canal.

Progress to Date

In April 2002, the project was downsized based on the results of earlier engineering work. Modeling work has been initiated and is expected to take several years to complete. This project is currently de-authorized.

This project is on Priority Project List 5.

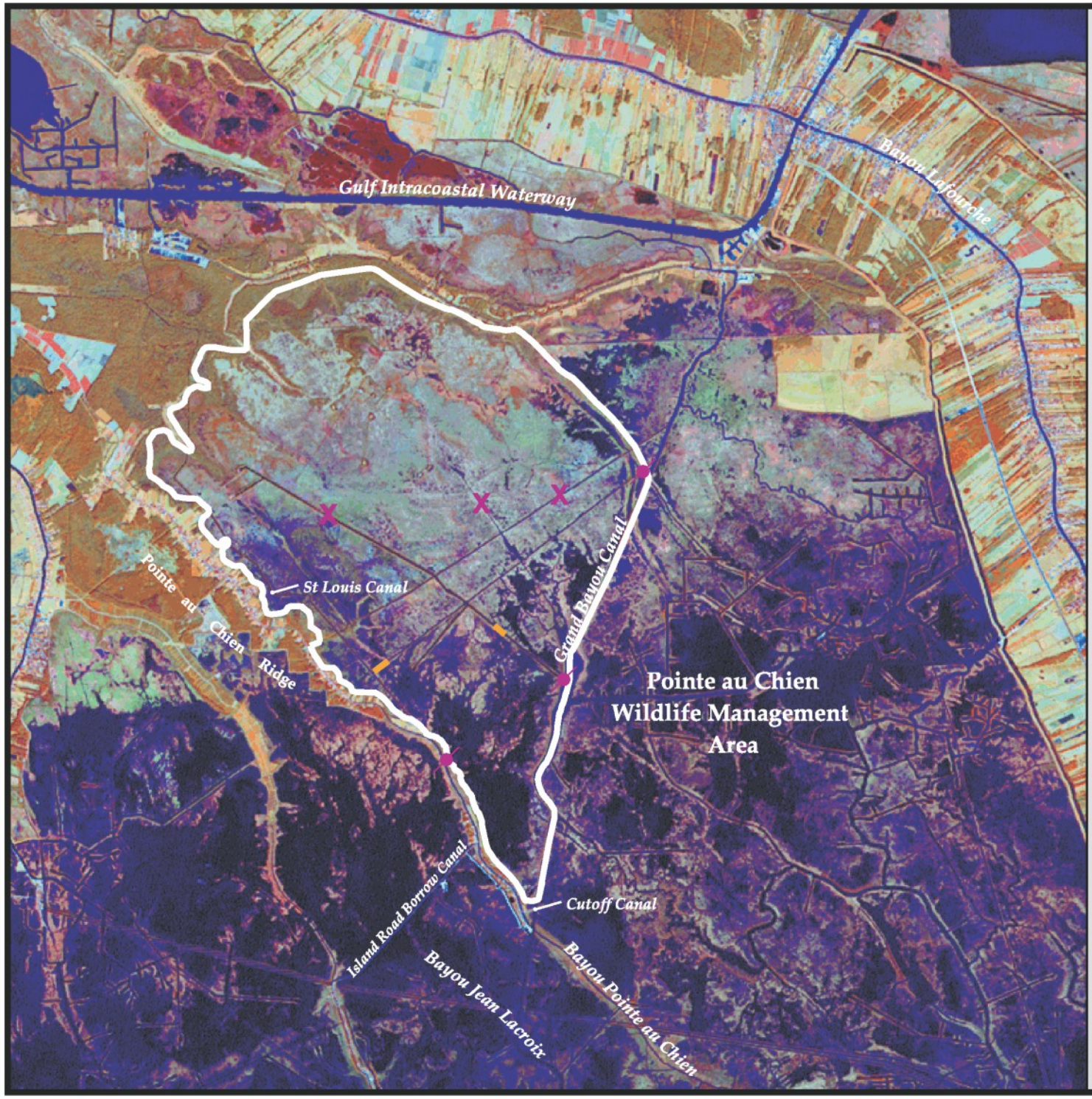
Deteriorated intermediate marshes within the interior portion of project area.

Browned and stressed marshes within the project area.

For more project information, please contact:

Federal Sponsor:
U.S. Fish and Wildlife Service
Lafayette, LA
(337) 291-3100

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



Grand Bayou/GIWW Freshwater Diversion (TE-10)

- Water Control Structure*
- Remove Existing Structure*
- Spoil Bank Gapping*
- Project Boundary

* denotes proposed feature

1 0 1 2 Miles

1 0 1 2 Kilometers

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

Background Imagery:
Thematic Mapper Satellite Imagery 2000

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