October 2003
Cost figures as of: December 2016

Delta Building Diversion at Myrtle Grove (BA-33)

De-authorized

Project Status

Approved Date: 2001 **Project Area:** 416,563 acres
Approved Funds: $2.54 M **Total Est. Cost:** *See below
Net Benefit After 20 Years: 8,891 acres
Status: De-authorized
Project Type: Water Diversion

Location

The project is located in the Barataria Basin, in Jefferson Parish, Louisiana.

Problems

The project area has undergone substantial loss of wetlands and a significant habitat shift to more saline marshes in the last 50 years. Moderately high wetland loss rates are primarily caused by the high subsidence and altered hydrology associated with navigation and flood control projects, as well as oil and gas activities. Without remediation, it is anticipated that approximately 14,500 acres of wetlands will be lost in the project area over the next 20 years and that wetland types will continue to shift towards more saline habitats.

Looking south towards the Barataria Bay Waterway near Bayou St. Denis.

Restoration Strategy

The project would involve installation of gated box culverts on the west bank of the Mississippi River in the vicinity of Myrtle Grove; dedicated dredging from the Mississippi River to create marsh in the vicinity of Bayou Dupont, the Barataria Bay Waterway, and the Wilkinson Canal; or a combination of these actions. Supporting features might include a conveyance channel with parallel mainline flood control levees and an outflow channel with guide levees. Dredging to create adequate outfall in the headwaters of Bayou Dupont and construction of a pump station may be required.

Progress to Date

Scoping meetings in compliance with theNational Environmental Policy Act of 1969 have been held, and alternative plan formulation has been completed. Initial plan analyses are underway.

This project is on Priority Project List 10.

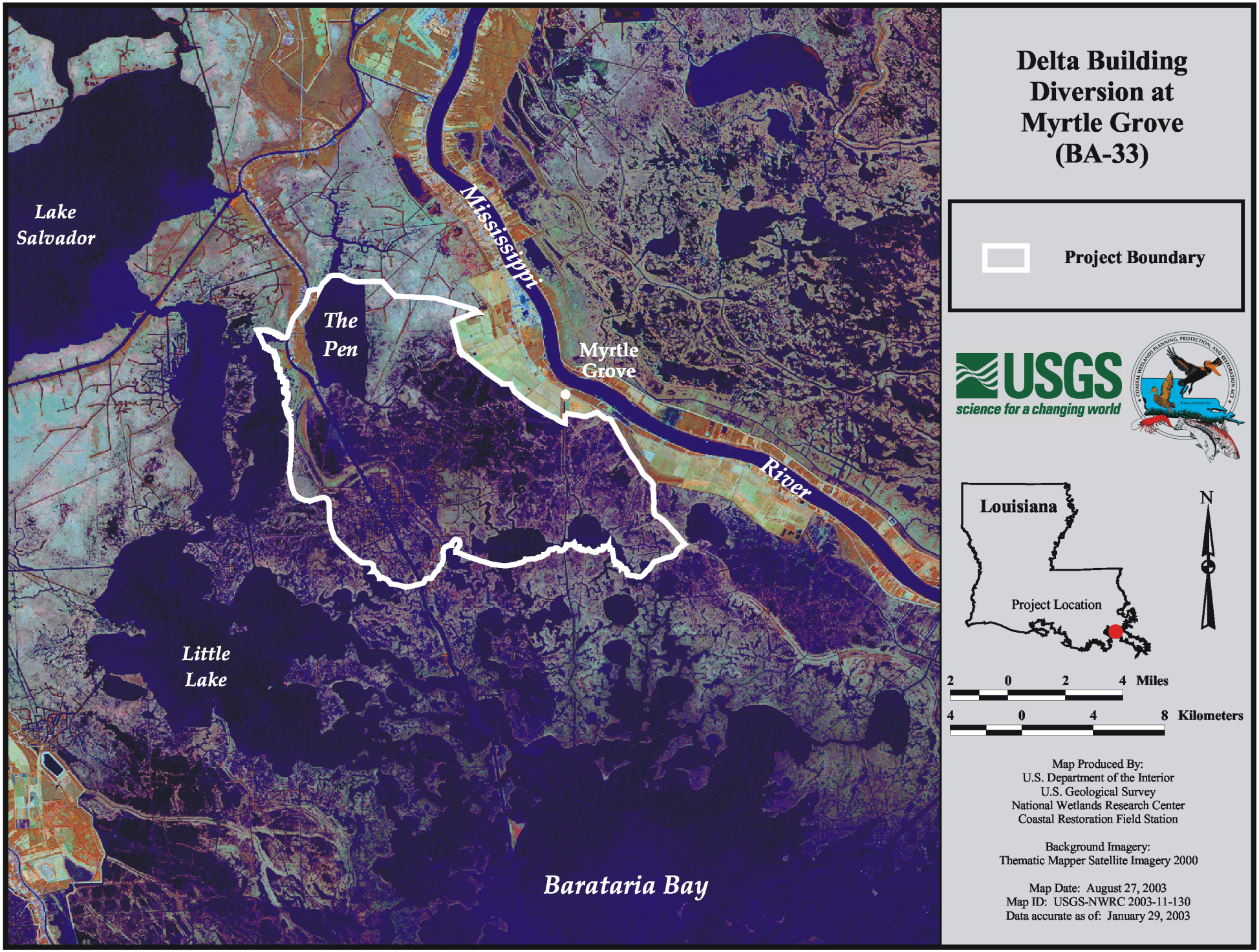
*Coastal Wetlands Planning Protection and Restoration Act will fund the $3 million engineering and design phase of the project, while the remaining $141.3 million needed for construction will be sought through other funding mechanisms. This project is currently de-authorized.

For more project information, please contact:

US Army Corps of Engineers
New Orleans District

Federal Sponsor:
U.S. Army Corps of Engineers
New Orleans, LA
(504) 862-1597

Local Sponsor:
Louisiana Department of Natural Resources
Baton Rouge, LA
(225) 342-7308



Delta Building Diversion at Myrtle Grove (BA-33)

Project Boundary

USGS
science for a changing world

Louisiana

Project Location

N

2 0 2 4 Miles

4 0 4 8 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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