March 2010 (rev)
Cost figures as of: February 2023

Hopedale Hydrologic Restoration (PO-24)

Project Status

Approved Date: 1999 **Project Area:** 3,805 acres
Approved Funds: $2.28 M **Total Est. Cost:** $2.28 M
Net Benefit After 20 Years: 134 acres
Status: Completed
Project Type: Hydrologic Restoration
PPL #: 8

Location

The project is located southeast of Yscloskey in St. Bernard Parish, Louisiana.

Problems

In the 1950s, a water control structure was placed in a canal leading from the project area to Bayou la Loutre. This canal parallels the back Mississippi River Gulf Outlet (MRGO) spoil containment dike. When installed, this structure contained three culverts with flapgates. As time passed, the flapgates were removed and never replaced. During recent years, two of the three culverts have collapsed, adversely impacting wetlands in the project area through the loss of drainage capability. Increased water elevations from high tides and rainfall ponding on the marsh surface have reduced plant health and led to accelerated marsh loss.

Restoration Strategy

This project will abate site-specific wetland loss by replacing collapsed culverts installed in the 1950s near Yscloskey. These degraded water control structures are currently preventing the drainage of high tides and stormwater runoff, resulting in impounded water on the marsh. The new culverts will also maintain fisheries access to the project area.

Construction for the project, as shown above, is underway.

Progress to Date

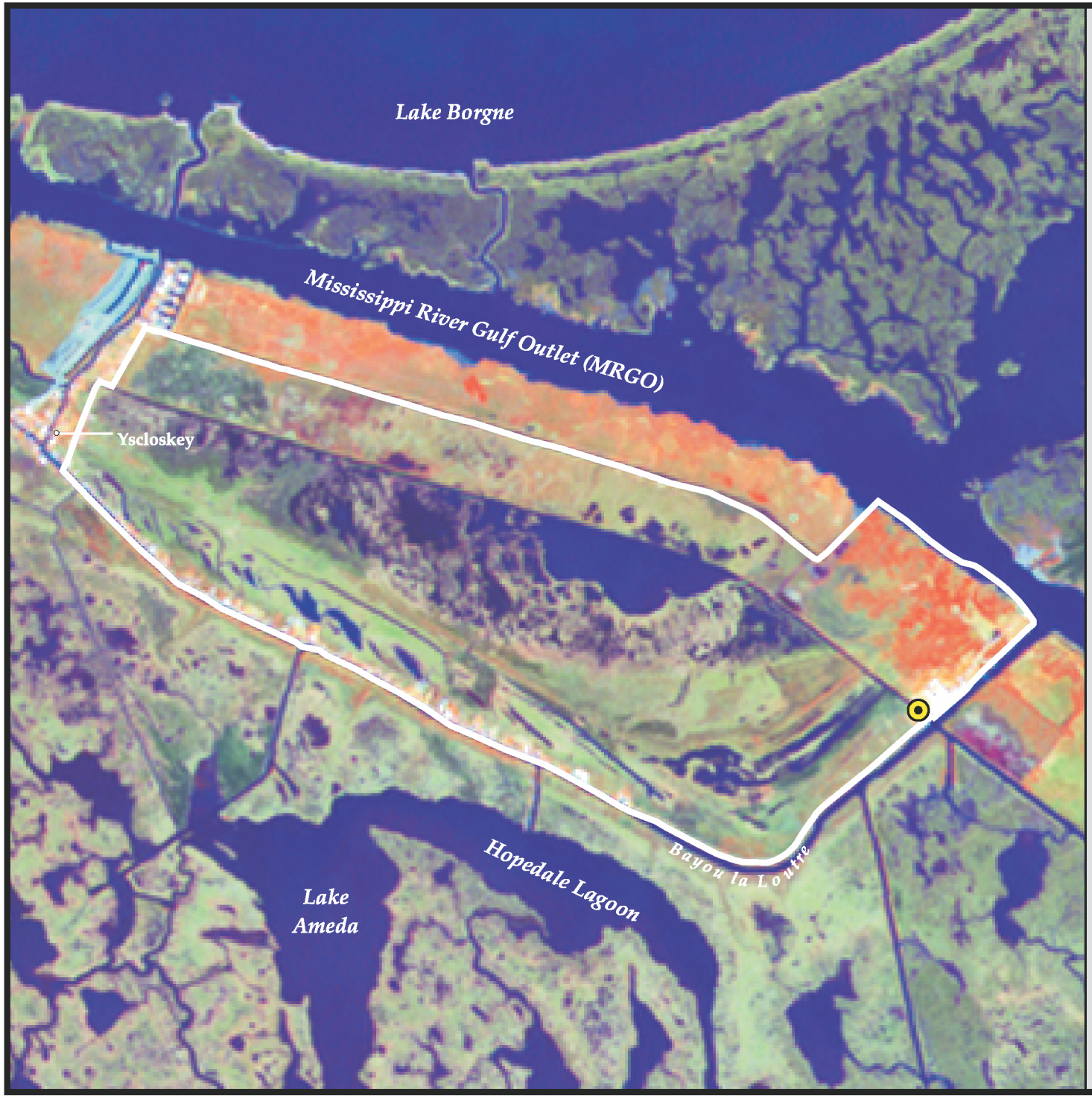
The cooperative agreement was awarded January 11, 2000. The Louisiana Coastal Wetlands Conservation and Restoration Task Force approved construction funding at their April 2003 meeting. The project is under construction. Construction was completed in fall 2004.

This project is listed on Priority Project List 8.

For more project information, please contact:

Federal Sponsor:
National Marine Fisheries Service
Baton Rouge, LA
(225) 389-0508

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



Hopedale Hydrologic Restoration (PO-24)

Proposed Culverts

Project Boundary

USGS
science for a changing world

N

0.5 0 0.5 1 Miles

0.5 0 0.5 1 Kilometers

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

Background Imagery:
2002Thematic Mapper Imagery

Map Date: October 16, 2003
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Data accurate as of: March 18, 2003