January 2002
Cost figures as of: January 2017

Perry Ridge Shore Protection (CS-24)

Project Status

Approved Date: 1995 **Project Area:** 5,945 acres
Approved Funds: $2.28 M **Total Est. Cost:** $2.28 M
Net Benefit After 20 Years: 1,203 acres
Status: Completed February 1999
Project Type: Shoreline Protection
PPL #: 4

Location

This project is located on the north shore of the Gulf Intracoastal Waterway (GIWW) about 6 miles from Vinton, Louisiana, and 6 miles east of the Sabine River. It is bordered to the east by the Gray Canal, to the west by Big Island and Perry Ridge, and to the south by the GIWW. The project encompasses approximately 5,945 acres of fresh-to-intermediate marsh and open water.

Problems

The severe erosion rate of 3.9 feet per year along the GIWW threatens to breach the spoil bank in this area and cause erosion of fragile, organic soils in the fresh-to-intermediate marshes north of the GIWW.

Restoration Strategy

The project will prevent the further erosion of the GIWW shoreline and associated negative impacts to the fragile habitats within the project area.

The project will place limestone riprap to form a dike on critically eroding areas within a 4.3 mile reach along the north bank of the GIWW and the Vinton Drainage Canal.

Progress to Date

The project has been completed with the placement of limestone riprap within a 4.3 mile reach along the north bank of the GIWW and the Vinton Drainage Canal.

Monitoring of the project is ongoing.

This project is on Priority Project List 4.

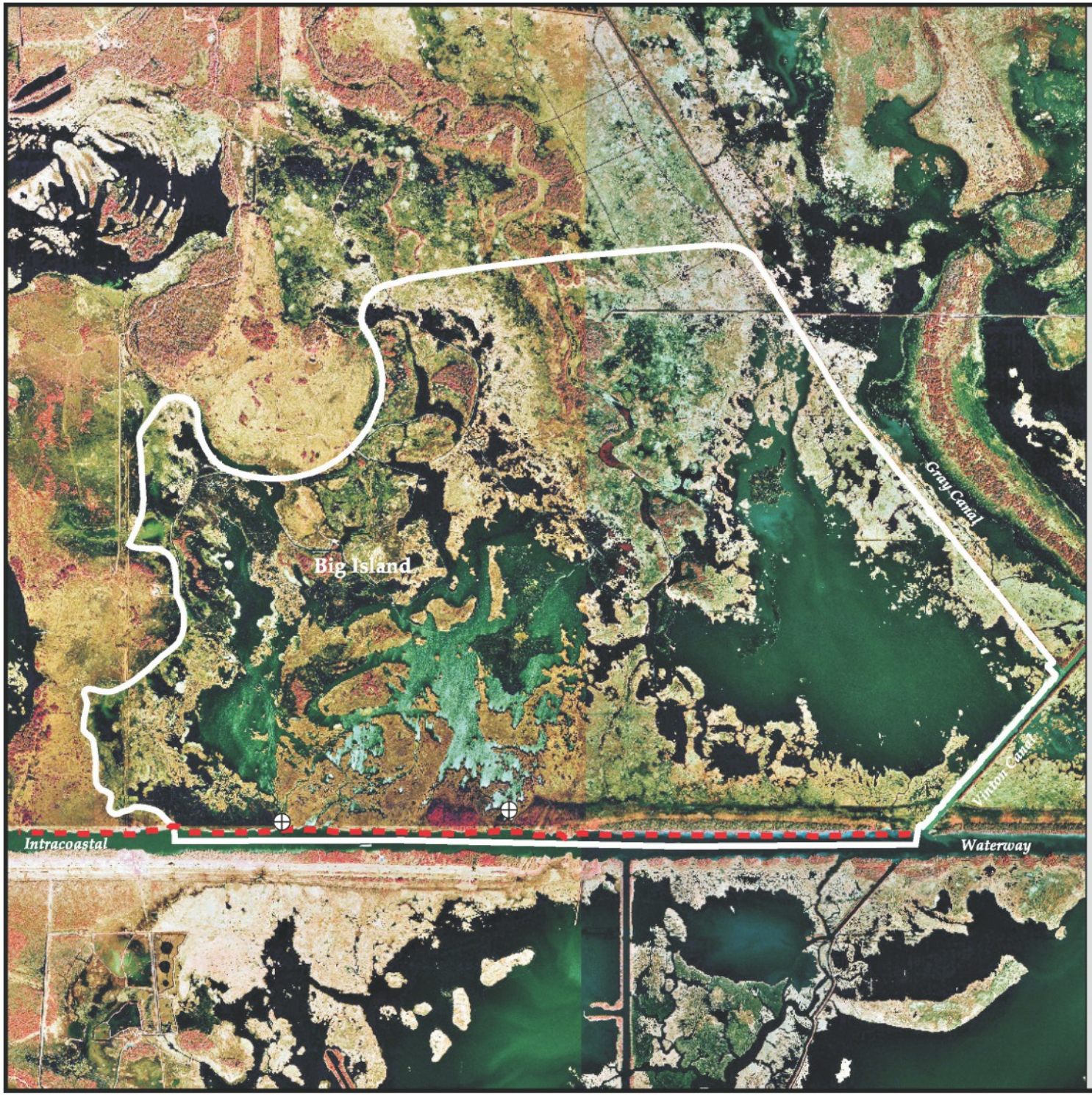
Rock riprap which can withstand the destructive forces of wave energy helps to maintain the integrity of the shoreline.

Limestone riprap was placed within a 4.3 mile reach along the north bank of the GIWW between the Vinton Drainage Canal and Perry Ridge.

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



Perry Ridge Shore Protection (CS-24)

- Fish Dip
- Rock Dike
- Project Boundary

N

0.5 0 0.5 Miles

0.5 0 0.5 1 Kilometers

USGS science for a changing world

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U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station
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