rev. November 2017
Cost figures as of: February 2023

Barataria Basin Landbridge Shoreline Protection, Phase 3 (BA-27c)

Project Status

Approved Date: 2000 **Project Area:** 2,380 acres
Approved Funds: $37.3 M **Total Est. Cost:** $46.2 M
Net Benefit After 20 Years: 264 acres
Status: Completed
Project Type: Shoreline Protection
PPL #: 9

Location

The project is located along the west bank of Bayou Perot and the north shoreline of Little Lake in Lafourche Parish and along the east bank of Bayou Perot and the east and west banks of Harvey Cutoff in Jefferson Parish, Louisiana.

Problems

The Barataria Landbridge is a critical land form that retards marine tidal forces which, among other things, threaten the upper Barataria basin. The highly organic soils in the project area are particularly susceptible to shoreline erosion. With increased tidal action, erosion rates in the project area range up to about 75 feet/year. With continued erosion, the landbridge function will be lost in the near future.

Restoration Strategy

This project encompasses about 42,840 feet of shoreline protection. About 21,400 feet of protection is located along the west bank of Bayou Perot and the north shore of Little Lake in Lafourche Parish. In Jefferson Parish, about 16,440 feet of the protection is located along the east bank of Bayou Perot, about 2,200 feet along the east bank of the Harvey Cutoff, and about 2,800 feet along the west bank of the Harvey Cutoff.

Progress to Date

10,865 feet of shoreline protection were completed in 2004, 10,575 feet were completed in 2009, and 21,400 feet were completed in 2017.

This project is on Priority Project List 9.

Protection was provided to a total of 41,000 feet of shoreline in order to preserve the effectiveness of these areas in preventing marsh loss.

For more 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

Barataria Basin Landbridge Shoreline Protection, Phase 3 (BA-27c)

Shoreline Protection *

Project Boundary

* denotes proposed features

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:
1998 Digital Orthophoto Quarter Quadrangle

Map Date: August 25, 2003
Map ID: USGS-NWRC 2003-11-104
Data accurate as of: April 03, 2003