March 2010 (rev)
Cost figures as of: March 2013

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

Project Status

Approved Date: 2000 **Project Area:** 2,380 acres
Approved Funds: $37.2 M **Total Est. Cost:** $46.2 M
Net Benefit After 20 Years: 264 acres
Status: Engineering and Design
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 41,000 feet of shoreline protection. About 20,000 feet of protection will be along the west bank of Bayou Perot and the north shore of Little Lake in Lafourche Parish. In Jefferson Parish, about 15,000 feet of the protection will be along the east bank of Bayou Perot and about 3,000 feet along each bank of the Harvey Cutoff.

Progress to Date

Approximately 11,000 feet of shoreline protection was completed in 2004 and another 10,000 feet of shoreline protection was completed in 2009. Approximately 20,000 feet of shoreline protection has recently been funded for construction.

This project is on Priority Project List 9.

Protection will be 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 project information, please contact:

NRCS Natural Resources Conservation Service

Federal Sponsor:
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

CPRA

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

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Shoreline Protection *

Project Boundary

* denotes proposed features

USGS science for a changing world

Louisiana

Project Location

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