Barataria Basin Landbridge Shoreline Protection, Phases 1 and 2 (BA-27)

Project Status
Approved Date: 1998  Project Area: 2,618 acres
Approved Funds: $27.8 M  Total Est. Cost: $27.8 M
Net Benefit After 20 Years: 1,304 acres
Status: Completed
Project Type: Shoreline Protection
PPL #: 7

Location
The project is located approximately 3 miles south of Lafitte in western Jefferson Parish and eastern Lafourche Parish, Louisiana, on the western shoreline of Bayou Perot and the east/southeastern shoreline of Bayou Rigolettes.

Problems
Erosion rates of up to 114 feet/year along the western shoreline of Bayou Perot and the eastern shoreline of Bayou Rigolettes are causing severe marsh loss in the area. The Barataria Basin Landbridge is a key feature in the Barataria estuary, and it is likely to be lost if the erosion in the area is not reduced.

Restoration Strategy
Approximately 35,000 feet of shoreline protection will be implemented. Approximately 6,200 feet is a traditional foreshore rock dike. The remainder of the shoreline protection will consist of concrete panel structures.

Progress to Date
At the April 14, 1999 meeting, the Louisiana Coastal Wetlands Conservation Restoration Task Force approved combining the Barataria Basin Landbridge, Phase 1 (PPL 7) project and the Barataria Basin Landbridge, Phase 2 (PPL 8) project. The project was recorded on Priority Project List 7. The project is separated into four construction units.

In May 2001, five types of shoreline protection techniques, or “test sections,” were installed at two locations in the project area to determine constructability, stability, and applicability for the remainder of the project area.

Approximately 6,200 feet of foreshore rock dike was completed in 2002.

The remainder of the project consists of concrete panel structures and was completed in 2009.

This project is on Priority Project List 7.

For more project information please contact:

Federal Sponsor:
Natural Resources Conservation Service
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Local Sponsor:
Coastal Protection and Restoration Authority
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www.LaCoast.gov