GIWW Bank Restoration of Critical Areas in Terrebonne (TE-43)

**Project Status**
- **Approved Date:** 2001
- **Project Area:** 355 acres
- **Approved Funds:** $11.2 M
- **Total Est. Cost:** $13.0 M
- **Net Benefit After 20 Years:** 64 acres
- **Status:** Completed
- **Project Type:** Shoreline Protection
- **PPL #:** 10

**Location**
The project is located in the Terrebonne basin, in Terrebonne Parish, Louisiana.

**Problems**
In the past 20 years, as the efficiency of the Lower Atchafalaya River has decreased, Verrett subbasin flooding and Atchafalaya River flows via the Gulf Intracoastal Waterway (GIWW) have increased. Deterioration of fresh and intermediate wetlands, particularly of the floating marshes in the upper Penchant basin, has been attributed to sustained elevated water levels. In addition, floating marshes in some areas have become directly exposed to increased circulation through unnatural connections formed where channel banks deteriorated.

Conversely, losses in the central Terrebonne Parish marshes have been attributed to the elimination of riverine inflow coupled with subsidence and altered hydrology from canal dredging that facilitated saltwater intrusion. Increased flow of the GIWW and wave pulses from navigation traffic are causing additional breakup and loss of floating marshes in unprotected areas.

**Restoration Strategy**
This project will restore critical lengths of deteriorated channel banks and stabilize/armor selected critical lengths of deteriorated channel banks with hard shoreline stabilization materials.

**Progress to Date**
Project construction was completed in April 2014.

This project is on Priority Project List 10.

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
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Shoreline Protection *
Project Boundary
*denotes proposed features

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

Image Source:
2005 Digital Orthophoto Quarter Quadrangle

Scale: 1:20,000