By placing riprap in front of the existing shoreline, further wetland loss will be decreased dramatically. It is anticipated that open water areas behind the rock structure will accumulate sediments and eventually become vegetated.

For more project information, please contact:

**NRCS**
Natural Resources Conservation Service
Alexandria, LA
(318) 473-7756

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

www.LaCoast.gov

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**Freshwater Bayou Bank Stabilization (ME-13)**

**Project Status**

<table>
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<tr>
<th>Approved Date:</th>
<th>Project Area:</th>
<th>Approved Funds:</th>
<th>Total Est. Cost:</th>
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<tbody>
<tr>
<td>1996</td>
<td>1,724 acres</td>
<td>$5.56 M</td>
<td>$8.91 M</td>
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<tr>
<td>Net Benefit After 20 Years:</td>
<td>511 acres</td>
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<td>Status:</td>
<td>Completed June 1998</td>
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<td>PPL #:</td>
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**Location**

This project is located along the west bank of Freshwater Bayou Canal near Little Vermilion Bay, 4 miles southwest of Intracoastal City, Louisiana, in Vermilion Parish. It extends north from North Prong and Belle Isle Bayou to Sixmile Canal.

**Problems**

Increased tidal action, saltwater intrusion, and boat wakes have accelerated erosion along the banks of the Freshwater Bayou Canal.

The spoil banks have completely eroded in some areas. The remaining spoil banks along the southern reach of the project area separate Freshwater Bayou Canal from several interior marsh ponds. If the banks breach, shoreline erosion will accelerate interior marsh loss.

**Restoration Strategy**

The objective of this project was to prevent further wetland loss through the reduction of bank erosion and subsequent tidal scour of shoreline marshes.

Approximately 23,193 linear feet of freestanding rock dike were constructed in shallow water along the west bank of Freshwater Bayou Canal (from its confluence with Sixmile Canal on the northern end and North Prong to the south).