

**JACKSON COUNTY MISSISSIPPI COASTAL IMPACT ASSISTANCE PLAN
TIER 1 PROJECT DESCRIPTION**

1. PROJECT TITLE: Restoration of Lake Mars Waterfront Project, Phases 1 and 2

2. LEAD ORGANIZATION/AGENCY: Jackson County Board of Supervisors

3. FEDERAL TAX ID NUMBER: 64-6000508

4. PROJECT LEAD/POINT OF CONTACT:

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5. PROJECT SUMMARY

LOCATION OF PROPOSED PROJECT: The proposed project is located on the shoreline of Mississippi Sound, South of Gulf Park Estates Subdivision (N30.3606°, W88.7640°, WGS84). A vicinity map is appended to this application.

DURATION OF PROPOSED PROJECT: 1.5 years; funding requested in FYs 2007 and 2008.

PROPOSED START DATE: July 2008

PROPOSED END DATE: December 2009

PROJECT GOAL: This project will restore a degraded bulkhead in an existing public waterfront public area that was severely damaged by Hurricane Katrina, will mitigate for wetland loss, and will allow acquisition of adjacent salt marsh for preservation, and will establish fish and benthic habitat near a reconstructed pier.

PROJECT OBJECTIVES: The objectives of this project are to: 1) restore a storm-damaged public waterfront area bulkhead at the Lake Mars Waterfront Park using 386 feet of new, steel sheet pile bulkhead; 2) allow Jackson County to acquire from willing sellers and preserve 3.0 acres of undisturbed salt marsh wetlands west of the bulkhead (the property will be appraised according to the Uniform Appraisal Standards for Federal Land Acquisition and any surveys will conform to state law); 3) to protect the acquired salt marsh in perpetuity for conservation purposes through a deed restriction prohibiting future development of the property or any uses that are not consistent with conservation purposes; 4) to perform compensatory mitigation on

0.45 acres of disturbed marsh by transplanting native grasses; 5) to create a 1.0 acre reef with 3,000 yards of concrete rubble or rock near the restored site to provide new nearshore fish and benthic habitat.

PROJECT SUMMARY: The Lake Mars Waterfront Park restoration project work consists of replacing a bulkhead damaged by Hurricane Katrina, acquiring 3.0 acres of undisturbed salt marsh wetlands west of the area on which a perpetual conservation easement will be placed, performing compensatory wetland mitigation on 0.45 acre of disturbed wetlands adjacent to the existing public waterfront area by transplanting native marsh grasses to protected nearby areas, and creating a one-acre reef near the restored pier to provide fish and benthic habitat. (See attached aerial photos and drawing). The property to be acquired will be appraised according to the Uniform Appraisal Standards for Federal Land Acquisition (“Yellow Book” standards). The property will be purchased by Jackson County and protected in perpetuity for conservation purposes through a deed restriction prohibiting future development of the property or any uses that are not consistent with conservation purposes. Note: The Mobile District U.S. Corps of Engineers regulatory staff have verbally expressed to the project leads that they have no opposition to CIAP funds providing funding for the compensatory mitigation for the associated parking lot project (construction of parking lot is part of a separate but adjacent project to be funded by Mississippi Tidelands Grant), and will provide a letter of consent to be presented with the CIAP grant application for this project. The 0.45 acres of wetlands to be disturbed for the parking area are to be mitigated on an adjacent waterfront parcel, and applicant will provide the letter from the Mobile District Corps of Engineers project lead stating that the MDCOE has no opposition to Federal (CIAP) funds paying for the compensatory mitigation of the less than half-acre of disturbed wetlands.

The existing, damaged bulkhead will be replaced with approximately 386 feet of new, steel sheet pile bulkhead. Approximately 3,000 cubic yards of clean concrete rubble or rock will be deposited near the pier to create the fish haven. Other aspects of this project (not funded by CIAP), include reconstruction of the pier, additional purchase of two acres of uplands for construction of a pervious-surface parking area and a boat ramp will be funded separately by a Mississippi Tidelands Grant. All work will be on land owned or purchased by Jackson County, and Jackson County will assume responsibility for long-term maintenance of the park. No public opposition to the project is anticipated. This project is compatible with other planned projects in the area that are intended to restore storm-damaged, public access shorelines and to protect them in perpetuity for conservation. A vicinity map, aerial photographs of the project area, and a drawing of the proposed work are attached.

PARTNERS/COLLABORATORS: The total estimated project cost is \$830,000, of which the Jackson County Board of Supervisors has received \$330,000 from Mississippi Tidelands Grant.

**BUDGET AND SPENDING ESTIMATE BY YEAR:
Table 1: CIAP Projected Budget**

Budget Category	2007	2008	2009	2010	Total
Total Allocation Phase 1 (FY 2007)		\$100,000			\$100,000
Budget Category	2008	2009	2010	2011	Total
Total Allocation Phase 2 (FY 2008)		\$400,000			\$400,000
Total Budget Amount					\$500,000

Total estimated expense by calendar year:

2008 \$100,000

2009 \$400,000

6. AUTHORIZED USES:

Table 2: Primary Authorized Use

Mark one	Authorized Uses of CIAP Funds (as specified by law)
X	1. Project and activities for the conservation, protection, or restoration of coastal areas, including wetland
	2. Mitigation of damage to fish, wildlife, or natural resources.
	3. Planning assistance and administrative costs of complying with CIAP (for DMR, Harrison, Hancock and Jackson County Administrative Projects only).
	4. Implementation of a federally-approved marine, coastal, or comprehensive conservation management plan.
	5. Mitigation of the impact of OCS activities through funding of onshore infrastructure projects and public service needs.

HOW THIS PROJECT IS CONSISTENT WITH ONE OR MORE OF CIAP's AUTHORIZED USES? This project is consistent with CIAP Authorized Use 1 because it will protect, conserve and restore coastal wetlands and a waterfront area through several means, including: 1) protection of a waterfront area by replacing a bulkhead, 2) preserving a 3.0 acre salt marsh in perpetuity through acquisition and a conservation easement deed restriction; 3) restoration of a .45 acre wetland and 4) construction of a 1.0 reef that will provide new nearshore fish and benthic habitat.

7. WILL CIAP FUNDS BE USED FOR COST SHARING OR MATCHING PURPOSES FOR ANOTHER FEDERAL PROGRAM? ___YES__X__ NO.





**FIGURE 2
POST- H. KATRINA**

