

**CITY OF GAUTIER
MEMORANDUM**

To: Samantha Abell, City Manager
From: April Havens, Grants and Projects Manager
Through: Chandra Nicholson, Director of Economic Development and Planning Dept.
Date: March 7, 2016
Subject: Public Access Grant Program Application

REQUEST:

The Economic Development and Planning Department requests authorization to submit a grant application to the Public Access Grant Program for improvements to the City Park Boat Launch.

BACKGROUND:

The Public Access Grant Program is funded through the U.S. Department of Interior Fish and Wildlife Service and administered through the Mississippi Department of Marine Resources. This grant provides funding for improved public access to water. The grant requires a 25 percent match, which could be covered by Tidelands.

DISCUSSION:

The department proposes a grant application for boat launch, dock and bulkhead improvements at City Park, as well as the construction of a floating kayak launch that is handicap accessible. The existing boat launches, surrounding dock areas, and adjacent wooden bulkhead are aging and showing signs of significant deterioration and damage. The total project is estimated to cost \$255,610. If approved, the grant would provide \$190,310, and the City match would be \$65,300.

RECOMMENDATION:

The Economic Development and Planning Department recommends that City Council authorize submission of a Public Access Grant Program application for improvements to the City Park Boat Launch.

The City Council may:

1. Authorize submission of a grant application for the Public Access Grant Program as outlined above; or
2. Authorize submission of a grant application with changes, or
3. Not approve submission of a grant application for 2016.

ATTACHMENT(S):

Application

JACKSON COUNTY

Public Access Grant Program

U.S. Department of Interior
Fish and Wildlife Service

FY 2016

City Park Boat Launch Improvements

For the

City of Gautier

Public Access Grant Program

Application Project Summary

TITLE: City Park Boat Launch Improvements	NUMBER:
APPLICANT: City of Gautier	CONTACT: Rhonda Price PHONE: (228) 523-4150
TOTAL COSTS: \$255,610	SPONSOR MATCH: 25% Minimum by City of Gautier
FUNDS REQUESTED: \$190,310	MATCH (In Kind): \$65,300

Project Description:

The City of Gautier proposes to improve the existing public boat launch facilities at George Martin City Park and add extra amenities for public use. The two boat launches are located on a small unnamed bayou extending south from Mary Walker Bayou. The facilities are very popular among boaters across Jackson County and see heavy boat traffic. Eco-tour boats also utilize this boat launch frequently. The existing boat launches, surrounding dock areas, and adjacent wooden bulkhead are aging and showing signs of significant deterioration and damage. This poses a safety risk to launch users, eco-tourists and the visiting public.

The objective of the project is to facilitate safe public access to the City Park boat launches and to add at least one accessible floating kayak launch. The facility currently has no designated kayak launch, but public demand for such amenities is increasing as the number of kayak users increases in Jackson County and Gautier.

Refurbishment of the launches, docks and bulkhead will allow safe and convenient access for this busy public facility. From this boat ramp, residents and visitors will be able to enjoy all of the recreational and scenic opportunities that this part of Jackson County has to offer.

Gautier is located at 30.38885 N, 088.63986 W. According to the United States Census Bureau, the city has a total area of 32 square miles. The population was 18,572 at the 2010 census.

Scope of Work:

The goal of this project is to improve the existing public boat launches and docks by removing the deteriorated or damaged components that have exceeded their design life. The scope of the project will include removing and replacing the two existing deteriorated boat launches; removing and replacing the existing deteriorated boat dock decking and deck structure; removing and replacing the deteriorated wooden bulkhead; and, adding an accessible kayak and canoe launch as well as an accessible route to the dock area.

The existing boat launches have developed cracks, surface defects, and changes in the grade over the years of excessive use. These launches will be removed and replaced with new reinforced concrete launches over an aggregate base. The concrete launches will be provided at the standard design slope or grade. The launches will also be finished with a nonskid surface to improve vehicle traction during launching.

The existing weathered and deteriorated decking along the boat launches and dock areas will be removed. Any deteriorated, damaged, or defected framing members will also be removed. All materials removed will be replaced with pressure treated commercial grade wood secured with stainless steel screws, straps, and galvanized bolts. The docks will include appropriate signage engraved into the deck boards limiting usage to docking and launching of boats, personal watercraft, kayaks, and other such water vessels.

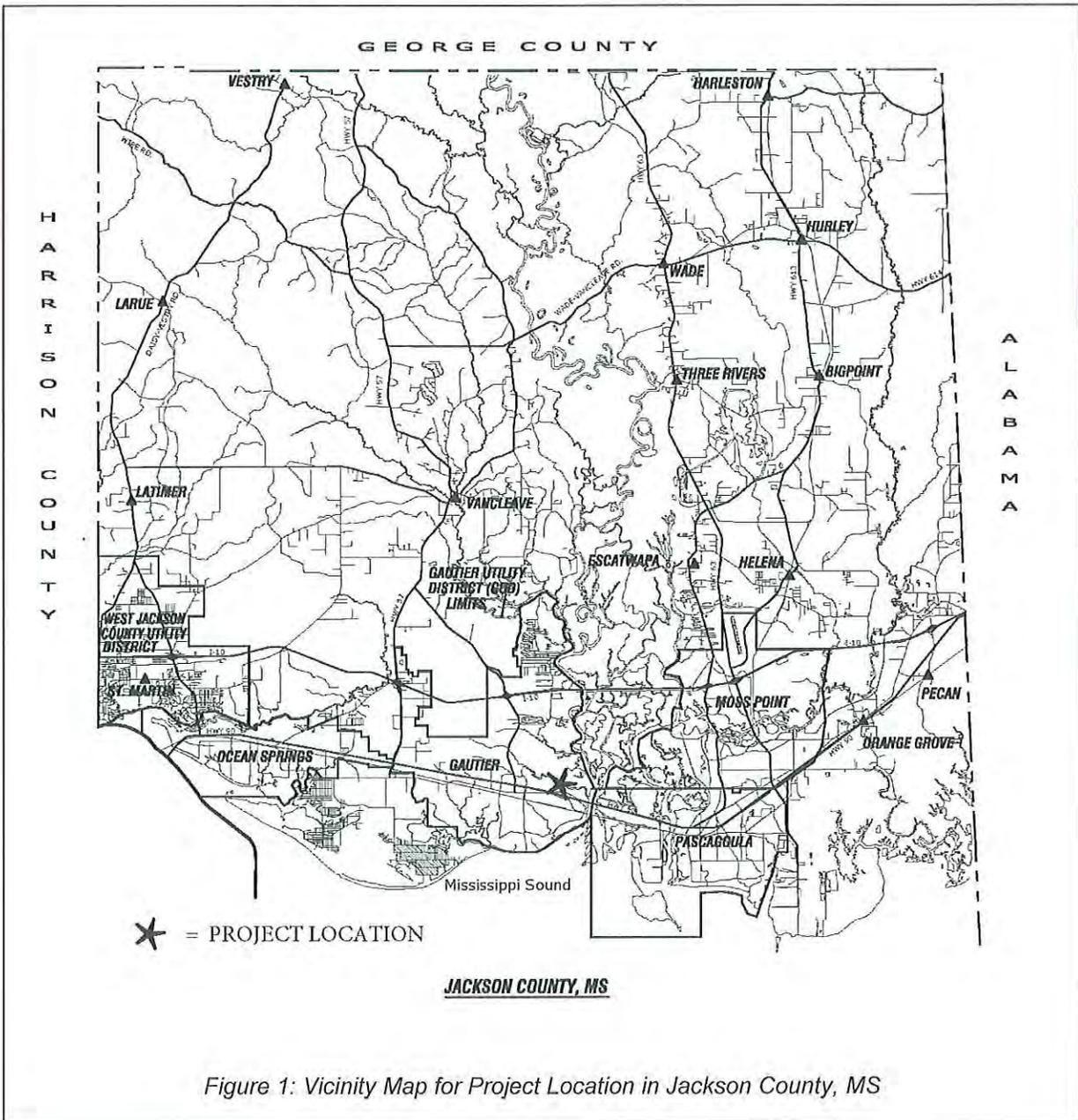
The existing wooden bulkhead will be removed and replaced with a durable vinyl bulkhead system. The vinyl materials will provide years of support without experiencing deterioration common to wooden bulkheads. The new bulkhead will be installed in the same footprint as the removed bulkhead. The top of the bulkhead will be connected to the dock structure to provide additional lateral support along the docks. The bulkhead will also provide a barrier around the dock and launch areas to avoid scour from maneuvering powered vessels while helping maintain the water depths in the docking area.

A kayak and canoe launch is in great demand at the project site with the increased interest in eco-tourism and close proximity to the marsh for fishing and bird watching. The proposed launch will be an accessible floating launch made of durable materials. Signage will also be provided.

With the exception of the kayak launch, all new components of this project will be replaced or reconstructed in the same footprint as the materials being removed. In addition, no dredging is anticipated to be required and no timber piles are anticipated to be replaced.

Location Information:

The project is located in City Park which is located in the City of Gautier, Jackson County, Mississippi, at 914 De La Pointe Drive. The project is located on a small unnamed bayou extending south from Mary Walker Bayou. Mary Walker Bayou provides direct access to the East Pascagoula River that flows into the Mississippi Sound. The following Figures 1 and 2 provide vicinity maps of the approximate location of the project within Jackson County and the City of Gautier, respectively.



Scope (Timeline):

The following is an estimated timeline based on the scope of services to be offered.

Site Survey	2 to 3 weeks
Tidelands Lease	1 to 2 weeks
Environmental Permitting	3 to 4 months
Preparation of Construction Documents	2 to 3 months
Review and Finalize Bid Package	2 to 4 weeks
Advertise and Receive Bids	1 to 2 months
Construction	4 to 6 months

Permits Anticipated:

Environmental Permit
Building permit

*Attach design drawings and photos of project area



Proposed Project Limits and Location of Docks and Launches



Project Site Looking North Towards Mary Walker Bayou



Aerial of Project Site Looking South Towards from Mary Walker Bayou



Proposed Floating Accessible Kayak Launch

Budget Estimate

The probable budget estimate presented is to be considered preliminary in nature. Final costs cannot be estimated until a detailed survey has been completed, actual conditions verified, and a formal design prepared. However, these costs have been prepared based on information available at the current time. The budget estimate is based on several resources in an attempt to reflect current costs. Bids and quotes received from contractors for past projects of similar scale and scope have also been used to supplement published cost estimating reference data. Due to the preliminary nature, the estimate should be considered subject to change based on the construction environment at the time of bid and as knowledge of actual site conditions progress.

BUDGET ESTIMATE FOR CONSTRUCTION					
Item Number	Description	Units	Qty.	Unit Price	Amount
1	Mobilization/Demobilization	LS	1	\$ 12,000.00	\$ 12,000.00
2	Erosion seditment control	LS	1	\$ 2,500.00	\$ 2,500.00
3	Construction survey	LS	1	\$ 3,000.00	\$ 3,000.00
4	Temporary silt fence	LF	150	\$ 7.50	\$ 1,125.00
6	Sawcut existing concrete approach slab	LF	100	\$ 2.50	\$ 250.00
7	Demolition of existing concrete boat launches	SY	140	\$ 30.00	\$ 4,200.00
8	Demolition of existing concrete approach slab	SY	240	\$ 25.00	\$ 6,000.00
9	Demolish existing dock decking and framing	SF	1250	\$ 7.50	\$ 9,375.00
10	Demolish existing wooden bulkhead	LF	160	\$ 12.50	\$ 2,000.00
11	Excavate for boat launch improvements	LS	1	\$ 5,000.00	\$ 5,000.00
12	Provide geotextile fabric	SY	300	\$ 4.00	\$ 1,200.00
13	Aggregate base under concrete launches	SY	300	\$ 22.00	\$ 6,600.00
14	Provide improved concrete launches	SY	140	\$ 95.00	\$ 13,300.00
15	Provide improved concrete approach slab	SY	167	\$ 105.00	\$ 17,535.00
16	Provide improved concrete sidewalks including accessible route	SY	67	\$ 45.00	\$ 3,015.00
17	Provide vinyl sheetpile bulkhead system	LF	160	\$ 250.00	\$ 40,000.00
18	Provide new dock framing	LF	226	\$ 85.00	\$ 19,210.00
19	Provide new dock decking	SF	1,360	\$ 10.00	\$ 13,600.00
20	Provide accessible floating kayak launch	LS	1	\$ 50,000.00	\$ 50,000.00
21	Provide solar lighting at docks	EA	2	\$ 5,700.00	\$ 11,400.00
SUBTOTAL FOR CONSTRUCTION:					\$ 221,310.00
BUDGET ESTIMATE FOR PROFESSIONAL SERVICES					
1	Survey	LS	1	\$ 3,500.00	\$ 3,500.00
2	SOS Tidelands Lease	LS	1	\$ 1,500.00	\$ 1,500.00
3	Environmental Permitting	LS	1	\$ 6,000.00	\$ 6,000.00
4	Preparation of Construction Documents and Bid Phase Services(7.5%)	LS	1	\$ 16,600.00	\$ 16,600.00
5	Construction Administration (3% of Construction Cost)	LS	1	\$ 6,700.00	\$ 6,700.00
SUBTOTAL FOR PROFESSIONAL SERVICES:					\$ 34,300.00
TOTAL BUDGET ESTIMATE:					\$ 255,610.00

MATCH 25% OF PROJECT COST (\$63,903)					
1	Demolish existing wooden bulkhead	LF	160	\$ 12.50	\$ 2,000.00
2	Provide vinyl sheetpile bulkhead system	LF	160	\$ 250.00	\$ 40,000.00
3	Preparation of Construction Documents and Bid Phase Services(7.5%)	LS	1	\$ 16,600.00	\$ 16,600.00
4	Construction Administration (3% of Construction Cost)	LS	1	\$ 6,700.00	\$ 6,700.00
TOTAL ESTIMATED MATCH:					\$ 65,300.00