



PROJECT INFORMATION SHEET

Graveline Bayou Inlet Restoration Study in Gautier, MS

PROJECT NAME:

Graveline Bayou Inlet Restoration Study

PROJECT LOCATION:

The Inlet (mouth) of Graveline Bayou, directly adjacent to the Mississippi Sound in Gautier, MS

PROJECT DESCRIPTION:

The project involves the design and permitting necessary for restoring the western shoreline of the Graveline Bayou Inlet in an effort to make the inlet more resilient and replace lost coastal ecosystems. Over the years, the inlet width has increased due to the loss of marsh grass from the effects of tropical weather events and normal wave/current/tidal hydraulic forces. The widening of the inlet has decreased the inlet's ability to self-scour, which in turn makes the depth of the inlet shallower, and the frequency of dredging has had to increase in order to maintain adequate depths for navigation. The project would consist of the design and permitting for restoring the inlet to help reduce dredging efforts and support marine traffic/water access to hundreds of residences and a public boat launch within Graveline bay/bayou.

PROJECT GOALS:

1. Evaluate various shoreline stabilization methods.
2. Design/develop construction documents.
3. Obtain required permits.

PROJECT BENEFITS:

1. Increased shoreline resiliency.
2. Expand/Improve coastal ecosystems.
3. Decrease dredging frequency.

PROJECT TASKS:

1. Review existing data on hydraulic effects.
2. Determine best inlet channel alignment to utilize inlet's self-scouring ability for navigation.

3. Complete construction documents and permitting.

PROJECT TIMETABLE:

- Request Funding July 2024
- Funding Award Apr 2025
- Select Eng Firm June 2025
- Design Complete Dec 2025
- Permit Approvals Mar 2026

FUNDING REQUESTED:

\$ 750,000.00

MATCHING FUNDS:

\$ 100,000.00 from JCBOS

TOTAL PROJECT COST:

\$ 850,000.00

PROJECT PARTNERS/BENEFICIARIES:

Jackson County Board of Supervisors
City of Gautier
MS Dept. of Marine Resources
Local Residents

PROJECT CATEGORY:

- ✓ Coastal Restoration/Protection
- ✓ Hurricane Protection

RESOLUTION OF THE BOARD OF SUPERVISORS
OF JACKSON COUNTY, MISSISSIPPI AUTHORIZING SUBMISSION TO MISSISSIPPI
DEPARTMENT OF MARINE RESOURCES FOR FY 2025 GOMESA PHASE II PROJECT
FUNDING FOR THE GRAVELINE BAYOU INLET RESTORATION STUDY PROJECT

WHEREAS, the Grant Director has advised that the Mississippi Department of Marine Resources has grant funds available through the Mississippi Tidelands Trust Fund Program and requests to apply for the grant funds in the amount of \$750,000.00 for the Graveline Bayou Inlet Restoration Study Project;

BE IT, THEREFORE, RESOLVED that the Board of Supervisors authorizes submission of the Grant Application, a copy of which is attached hereto, to Mississippi Department of Marine Resources for a grant in the amount of \$750,000.00, with a County match of \$100,000.00, for a total project cost of \$850,000.00, and authorizes the President of Board to execute same.

The motion to approve the foregoing resolution was made by Supervisor Taylor, seconded by Supervisor Cumbest, and the following vote was recorded:

- Supervisor Cumbest
- Supervisor Morris
- Supervisor Taylor
- Supervisor Ross
- Supervisor Bosarge

Yes
Yes
Yes
Yes
Yes

RESOLVED, this the 1st day of July, 2024.

ATTEST:

Josh Eldridge
Josh Eldridge, Clerk of the Board

BOARD OF SUPERVISORS OF
JACKSON COUNTY, MISSISSIPPI

By: J. Troy Ross
J. Troy Ross, President