

# ALOE BAY LIVING SHORELINE PROTECTION PROJECTS

# FACTSHEET



## #3

around 100 ft of shoreline over the last 30 years. Anticipated features at the DeSoto shoreline are segmented breakwaters, restored beach and/or marsh habitat, and creation of oyster reef habitat. This property, now owned by the University of South Alabama, will be used to provide teaching opportunities.

These living shorelines will be advanced as design progresses with the ultimate goals of restoring habitat, providing passive community access, protecting Aloe Bay ecotourism investments, and rebuilding the previously existing natural first line of defense against storm surge and rising sea levels.

### TASKS ACHIEVED TO DATE

- Investigations
  - Topobathy survey
  - Geotechnical assessments
  - Cultural Resource investigation
- 30% design
- Permit application
- Outreach with adjacent landholders

### FALL 2023/WINTER 2024 TASKS

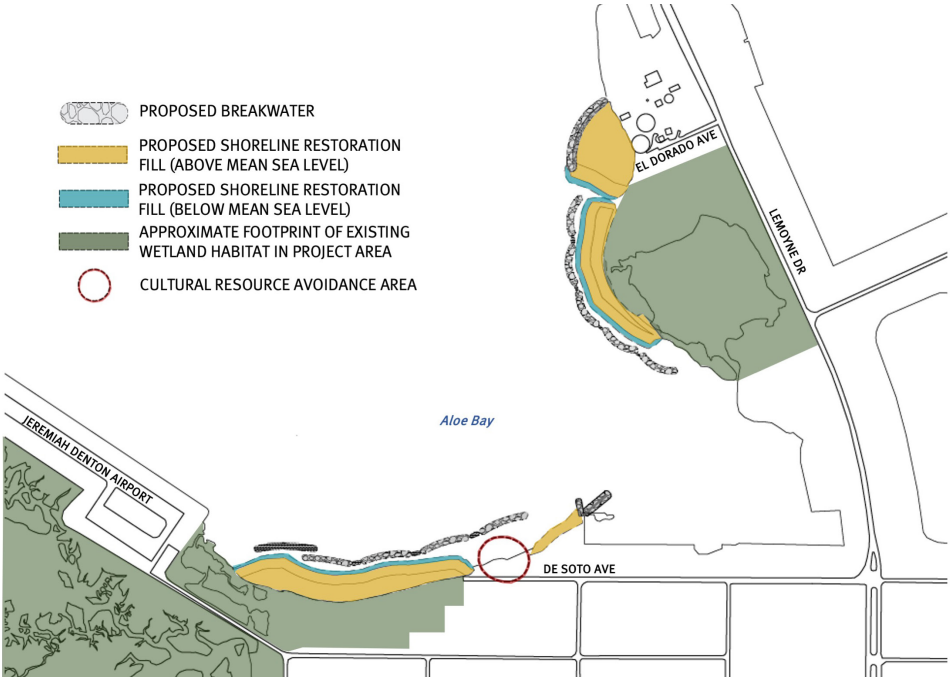
- 90% Design
- 100% Design and specifications
- Receive permit
- Further outreach

Contact: Town of Dauphin Island,  
1011 Bienville Blvd, Dauphin Island,  
AL 36528 • Tel: 251-861-5525

FALL 2023



- PROPOSED BREAKWATER
- PROPOSED SHORELINE RESTORATION FILL (ABOVE MEAN SEA LEVEL)
- PROPOSED SHORELINE RESTORATION FILL (BELOW MEAN SEA LEVEL)
- APPROXIMATE FOOTPRINT OF EXISTING WETLAND HABITAT IN PROJECT AREA
- CULTURAL RESOURCE AVOIDANCE AREA



The Town of Dauphin Island has secured funding from Gulf of Mexico Energy Security Act (GOMESA) and National Fish and Wildlife Foundation (NFWF) Emergency Coastal Resilience Funds (ECRF) to design, permit, and construct two living shorelines in Aloe Bay along the northern eastern and southern sections of the Bay.

The northeastern shoreline off El Dorado Avenue has experienced around 100 ft of shoreline erosion over the last 30 years and is in a location that provides great community access. Anticipated

features at the El Dorado shoreline include segmented breakwaters, marsh, and beach habitat restoration. This living shoreline will protect the adjacent wastewater treatment facility and the future eco-tourism site. The eco-tourism site is also being designed along El Dorado Road and is funded under a separate project (NRDA funds). It will include a parking lot, boardwalk, and kayak access.

The southern shoreline along De Soto Avenue, between the airport and the new boat ramp, has also lost

### TIMELINE

