

# ALOE BAY LIVING SHORELINE PROTECTION PROJECTS

# FACTSHEET

WINTER 2024



# #4

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 educational opportunities through DI Sea Lab.

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.



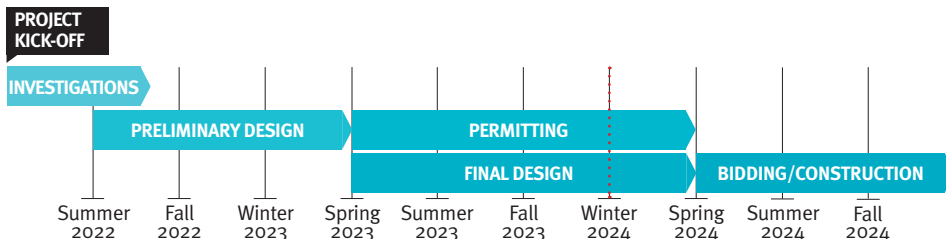
The Town of Dauphin Island has secured funding from Gulf of Mexico Energy Security Act (GOMESA) and National Fish and Wildlife Foundation (NFWF) Emergency Coastal Resilience Funds (ECRF) to design, permit, and construct two living shorelines in Aloe Bay along the north eastern and southern sections of 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 Avenue 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 around 100 ft of shoreline over the last 30 years.

## TIMELINE



## TASKS ACHIEVED TO DATE

- Investigations
  - Topobathy survey
  - Geotechnical assessments
  - Cultural Resource investigation
- 30% design
- Permit application
- Outreach with adjacent landholders
- 90% Design

## WINTER 2024/SPRING 2024 TASKS

- 100% Design and specifications
- Receive permit
- Bidding/Construction
- Further outreach

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