
MEMORANDUM

TO: Hideaway Beach District Board
COPY: Justin Martin, Mohamed Dabees
FROM: Michael Poff
DATE: October 7, 2025
SUBJECT: Hideaway Beach Annual Monitoring Update
CEC FILE NO. 25.020

Annual Monitoring Survey

CEC completed the annual monitoring survey of Hideaway Beach, Sand Dollar Island, and Collier Creek in accordance with the regulatory agency approved Physical Monitoring Plan (Figure 1). On October 1, 2025 on your behalf, CEC submitted the annual monitoring report to the Florida Department of Environmental Protection.

Project Performance

Between the 2024 and 2025 monitoring surveys, the beach fill segments experienced total volumetric changes of approximately 3,260 cubic yards of gain, 2,660 cubic yards of loss, 1,330 cubic yards of gain, and 720 cubic yards of gain for the South Point Beach, Central Beach, Royal Marco Point South Beach, and Royal Marco Point North Beach, respectively. The State Land Beach lost approximately 1,390 cubic yards. The overall change for Hideaway Beach was a gain approximately 1,250 cubic yards. Within the beach fill segments, the average mean high water (MHW) shoreline change was approximately 3.2 feet of recession. Within the State Land Beach, the MHW shoreline receded on average 13.3 feet.

Adaptive Management Plan

During permitting of the 2013 Project, the agencies expressed concerns regarding potential downdrift erosion on the State Land Beach. To address these concerns, an assessment of downdrift impact due to the addition of three T-groin structures along the North Beach segment has to be performed per the Adaptive Management Plan (AMP). According to the AMP, if erosion is identified within the shoreline segment between H-14 and H-16 and it exceeds 27 feet measured from the 2013 pre-construction shoreline (reference shoreline) position, the shoreline shall be restored to the reference shoreline position as part of Hideaway Beach's future beach renourishment plans. Based on the 2025 monitoring survey, the 2013 to 2025 average recession was 58.4 feet. At this time the State Land Beach exceeds the trigger; however, multiple significant storm events impacted the Project Area between 2013 and 2025, with the majority of the shoreline erosion directly attributed to the hurricanes.

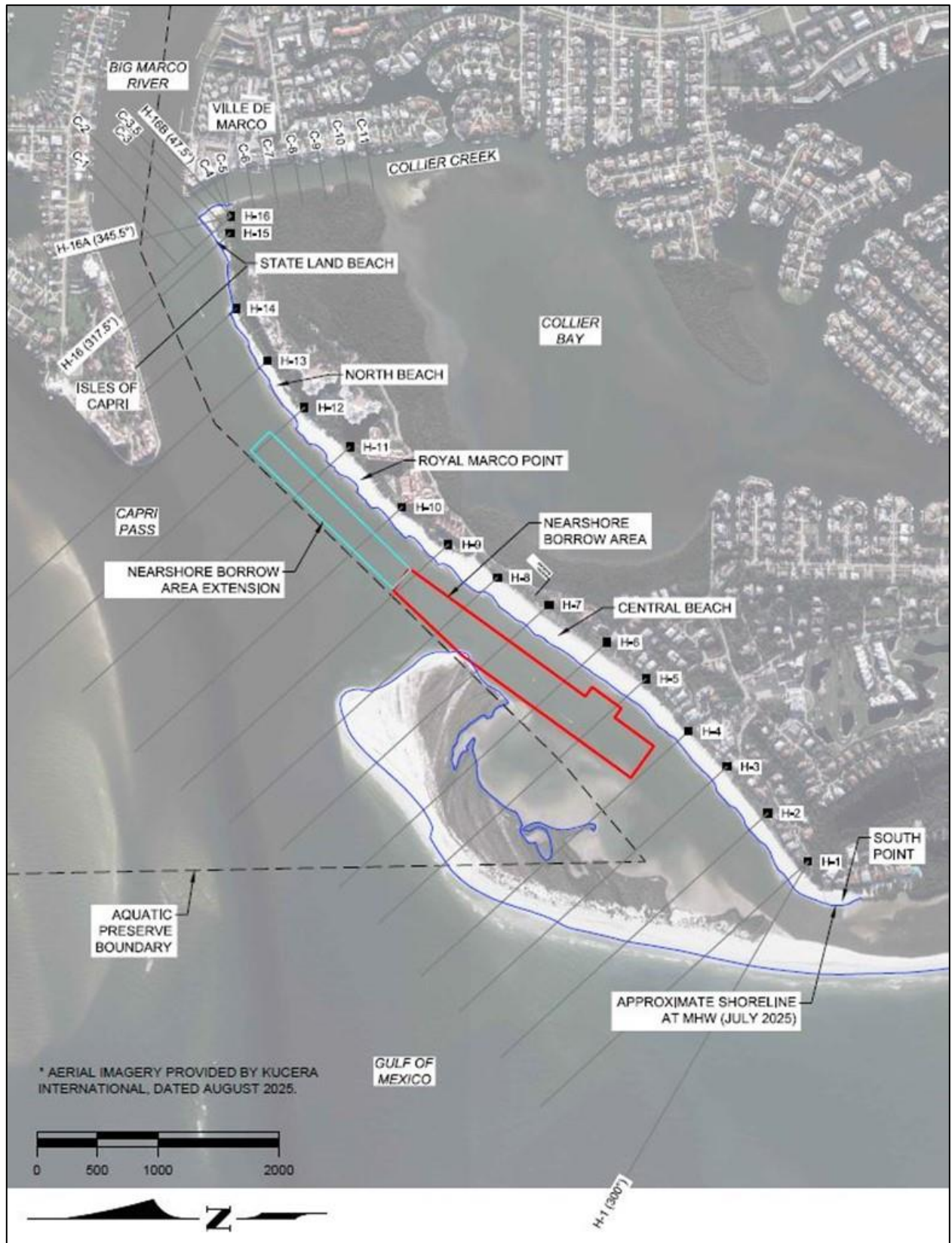


Figure 1. Location Map