

TOWN OF PALM BEACH

Information for Shore Protection Board Meeting on: March 30, 2023

TO: Shore Protection Board

FROM: Kirk W. Blouin, Town Manager

VIA: Robert Weber, Coastal Program Manager

RE: Coastal Projects Update
Item VIII.

DATE: March 23, 2023

STAFF RECOMMENDATION

Town staff requests the Shore Protection Board (SPB) review the general information and provide any additional input deemed necessary.

GENERAL INFORMATION

Listed below is a brief update of the ongoing activities for the Coastal Management Program. Town staff can provide more details of each item during the SPB meeting.

Lake Worth Inlet Maintenance Dredging

- Between February 10 and March 8, U.S. Army Corps of Engineers contractor Great Lakes Dredge & Dock dredged approximately 300,000 cubic yards of sand from the Lake Worth Inlet.
- Sand from the inlet was placed on the beach between the jetty at the north end of the Town in Reach 1 to Merrain Road in Reach 2.
- A small stockpile of sand of approximately 6,000 cubic yards of sand was placed on the beach as an elevated berm between Ocean Terrace and Merrain Road. This sand can be used to partially replace the sand losses resulted from 2022 hurricanes Ian and Nicole from within the Sand Forepassing project area between Merrain Road and Colonial Lane.
- The contractor has removed all heavy equipment from the beach and tilled the beach in preparation for sea turtle nesting season.
- The contractor is preparing to plant sea oats at the Angler Avenue access point in the coming weeks.

2023/2024 Phipps Ocean Park Beach Nourishment

- The next planned project in Reach 7 is the Phipps Ocean Park Beach Nourishment scheduled after the next sea turtle nesting season sometime between November 1, 2023 and April 30, 2024.
- All easements are valid for this area.
- Regulatory approvals and the procurement process will be performed in Summer 2023.

2023/2024 Dune Restoration

- The Phipps Ocean Park Beach Nourishment project will include the replacement of a sand stockpile that was impacted during Hurricane Nicole in November 2022.
- Stockpiled sand can be used as necessary in the Sloan's Curve area of Reach 7, the dunes in Reach 8, and the dunes in Reach 9 (South Palm Beach).
- In anticipation for construction of the Mid-Town Seawall Replacement project, the Town has been working with the Florida Department of Environmental Protection and the Florida Fish and Wildlife Conservation Commission to create a barrier between the nesting beach and the active construction area. The barrier will be a small temporary dune using sand hauled from an inland mine.
- The Mid-Town temporary dune will cover either a portion or the entire stretch of the seawall replacement project between approximately Gulfstream Road and Royal Palm Way.
- The Mid-Town temporary dune will be vegetated on the landward side with sea oats and will include a vertical barrier at the crest to keep turtles safe from the construction area.
- Once construction is completed, which is expected to exceed one year, the temporary dune will be moved back against the new seawall and will be sited and vegetated similarly to the existing dune.

Reach 8

- Town consultant Coastal Protection Engineering will be present at the SPB meeting to directly provide an update with a small presentation to the Board.

cc: H. Paul Brazil, P.E., Director of Public Works
Patricia Strayer, P.E., Town Engineer