

MINUTES
BEACHFRONT MANAGEMENT COMMITTEE
SEPTEMBER 24, 2021
10:00 A.M.

Present: Dallas Lovelace, Chair, Bob Ringer, Paul Oakley, Bill Davies, Matthew Kizer. Town Administrator Iris Hill and Assistant Town Administrator Mark Aakhus, ex officio. Steven Traynum and Drew Giles, Costal Science and Engineering.

Absent: David Blauch and Pat Deloach

Call to Order

Chairman Lovelace called the meeting to order.

Approval of Minutes

Bill Davies moved to approve the minutes of June 23, 2021, Beachfront Management Committee meeting. The motion was seconded by Bob Ringer and was unanimously approved.

New Business

- A. Annual Survey Update** – Steven Traynum from Costal Science and Engineering provided the committee with an annual survey update. Mr. Traynum stated that the final report for the Town of Edisto Beach renourishment project would be completed in three weeks. Mr. Traynum mentioned that overall, erosion was moderate over the last year on Edisto Beach. He stated the north end of the beach was a hot spot and the focus of erosion because of sand loss during previous hurricanes. Mr. Traynum mentioned to the committee that the previous dune spot nourishment has been stable throughout the past year and that currently, the beach is losing approximately 3 cubic yards per foot of sand. He mentioned that in the past years, Edisto Beach was losing approximately 7 to 8 cubic yards per foot of sand. Mr. Traynum mentioned that the beach was in good shape from the 400 block to the point. He discussed groin cells with the committee and stated that the most eroded groin area was between groins 3 and 4. Mr Traynum also mentioned to the committee that if they had any questions regarding the completed annual report or if someone needed clarification to reach out to him.
- B. Hurricane Dorian Spot Nourishment – Update/next steps** – Mr. Traynum discussed updates on the Hurricane Dorian spot renourishment with the committee and what the next steps were for the Town. Bob Ringer made a motion to push down escarpments until after the last fall king tide which will be December 7, 2021. The motion was seconded by Matthew Kizer which was unanimously approved.
- C. Erosion at Groins 31/32** – Mr. Traynum discussed groin modification and different impacts to the south end of the beach, if the Town were to make adjustments. The committee and Mr. Traynum went over different options for renourishment and discussed permits needed for modifications. Mr. Traynum mentioned that his recommendation for a long-term lasting solution would be to shift infrastructure landward to take threats away from beachfront homes.

Mr. Traynum also mentioned that his short-term recommendation would be to add sand to the dunes, landward of the high tide line. Paul Oakley made a motion that Costal Science and Engineering provide a cost estimate to put in a dune between groin 31 and 32 and to go back and raise the landward end of the groins a couple of feet between groins 28-31. The motion was seconded by Bob Ringer and was unanimously approved.

- D. Elevate Groins** – Mr. Traynum discussed elevating groins with the committee and mentioned that he had concerns regarding groin reveal and access across groins if the Town were to elevate them. He mentioned that modifying the groins around access 28 to 32 would result in not protecting the updrift beach and would cause it to shift back. Matthew Kizer stated that groin elevation should be included in future plans. Mr. Traynum mentioned that if groins were to be elevated, the Town would also need sand to place around the groins. Mr. Traynum explained to the committee that his recommendation would be to start working on permits now so the Town of Edisto Beach would be considered “ready to build” at any given time. The committee and Mr. Traynum discussed permitting cost estimates and timelines.
- E. Costal Science and Engineering Q&A** – After the discussion of the topics listed above there were no more questions from the committee.
- F. Next Steps Beach Maintenance/Nourishment** – the committee and Mr. Traynum discussed estimated cost for the entire project including groin elevation and dune renourishment. Mr. Traynum also mentioned that he would research dune/groin maintenance instead of completely modifying the areas.
- G. Beach Plantings** – Assistant Town Administrator Mark Aakhus stated that beach plantings were on hold until the end of turtle season.
- H. Beach Access 37 Walkover** – Bill Davies moved to replace the walkover at beach access 37 with a beach mat. The motion was seconded by Bob Ringer and was unanimously approved.

Adjournment

Chairperson Lovelace moved to adjourn the meeting, seconded by Bob Ringer, and unanimously approved.

APPROVED BY THE BEACHFRONT MANAGEMENT COMMITTEE



Angela K. Davis, Municipal Clerk