

**MINUTES OF THE SPECIAL COUNCIL MEETING OF MAYOR AND
COUNCIL OF THE BOROUGH OF STONE HARBOR HELD IN THE
MUNICIPAL BUILDING, December 13, 2022**

The meeting was called to order by Mayor Davies-Dunhour at 4:30 p.m.

ROLL CALL

PRESENT

Councilmembers

Judith M. Davies-Dunhour, Mayor
Kim Stevenson, Borough Clerk
Marcus Karavan, Solicitor
Robert Smith, Borough Administrator
Lisa Marcolongo, Ass't Administrator
Megan Brown, Deputy Clerk

Robin Casper
Jennifer Gensemer
Frank Dallahan
Reese Moore
Charles Krafczek
Bunny Parzych

**FOR THE RECORD, THIS MEETING WAS HELD VIA VIDEO/TELEPHONE
CONFERENCE IN A ZOOM FORMAT**

Mayor Davies-Dunhour announced that the meeting was now open. Adequate notice of the meeting was provided by posting a copy of the time and place on the Municipal Clerk's bulletin board and mailing a copy of same to the Press and the Cape May County Herald on November 29, 2022.

SALUTE TO THE FLAG

Review of Coastal Feasibility Study presented by Doug Gaffney, Coastal Engineer, Mott MacDonald Engineering.

Mr. Gaffney explained the purpose and need of the Feasibility Study. The study reviews the long-term effects of erosion of the beachfront and reviews the options that the Borough can take to improve the sand stabilization along our beach. In addition, the need for additional permitting, if any, can also be planned and reviewed.

Mr. Gaffney explained the importance of resiliency and reviewed different measures that are in place to assist with keeping our beaches stable and also the need to update those measures and maybe make changes based on past storms and the history of erosion along the beachfront. The current groins are old and in need of upgrading and/or replacement. The option to modify those structures to improve the beachfront is considered within the study presented. Mr. Gaffney showed the effects that beach renourishment has had in the past and future predictions of renourishment and its effects. In addition, the changes to Stone Harbor Point were also presented.

Potential alternatives to provide long term maintenance are as follows:

- Refurbish or add groins
- Dredging
- Beach Management: Beach Harvesting & Beach Scraping
- Adding Breakwaters

Wave Modeling; shoreline morphology modeling; alternative analysis were reviewed to determine outcomes of waves along the beachfront.

Shoreline morphology shows how the sand is transported by wave action after a beach renourishment project. Several alternatives of sand placement was completed to determine how sand morphology works best – providing the best plan for resiliency. Mr. Gaffney reviewed plans at the 127th Street groin area and how Stone Harbor can best improve this area. He determined that somewhere within the 75-to-150-foot extension range looks like the best alternative.

Mr. Gaffney explained each option available to Stone Harbor based on this study and the benefits and details. There is a need to repair the groin at Stone Harbor Point however this project will require considerable review to determine the best options.

The Feasibility Report should be in draft form in late January with final report ready soon after.

