



Agenda Item Summary Sheet

Item No: **I-2**
Meeting Date: **February 7, 2024**

Item Title: Presentation of Summer and Fall Beach Monitoring Survey – Moffat & Nichol
Time Specific 11:00 a.m.

Item Summary:

Annually, the Town subcontracts surveying and engineering services to perform an annual beach condition survey and engineering data analysis in accordance with the Town’s Beach Monitoring & Maintenance Plan. The survey scope of work includes the base project data acquisition of 126 profiles in conjunction with additional transect information data acquisition north of the project area, south of the project area and within reaches 3 and 4.

At the October 4, 2023 meeting, authorization was given by the Board to proceed with a Fall/Winter survey to monitor the beach conditions following an active fall season. The monitoring results from the summer survey and late fall surveys will be presented at the upcoming meeting.

The results of the beach surveys aid with forecasting the next beach nourishment maintenance project. Supplemental information will be presented regarding the expected time frame of the next beach nourishment maintenance project and related project construction costs. This information is being presented to assist the Board of Commissioners with financial planning for the next nourishment project.

Beth Sciaudone, Ph.D., PE and Ayse Karanci, PhD, PE from the consulting firm of Moffat & Nichol will present the findings of the condition surveys and will be available to answer questions from the Board.

This item is time-specific for 11:00 a.m.

Attachments: N/A

Number of Attachments: 0

Specific Action Requested:

Provided for Board information and discussion.

Submitted By: Town Engineer David Ryan

Date: January 31, 2024

Finance Officer Comment:

I will participate in the discussion as necessary.

Signature: Amy Miller

Date: January 31, 2024

Town Attorney Comment:

Attorney Leidy will participate in the discussion as necessary.

Signature: John Leidy

Date: January 31, 2024

Town Manager Comment and/or Recommendation:

We anticipate discussing the financial forecast for the next project and the master plan recommendations as part of the upcoming budget cycle. This information will be provided to the financial consultant to aid in preparing information for that discussion.

Signature: Andy Garman

Date: January 31, 2024