

TOWN OF BARNSTABLE
SANDY NECK BOARD
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Centerville, MA 02632

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Chairman:
Thomas O'Neill

Vice Chairman:
Peter Sampou

Board Members:
Ann Canedy
William Carey
Nate King
Robert Lovell
William Monroe

Council Liaison:
Phil Wallace
John Flores

Sandy Neck Board Meeting
January 14, 2019

A regularly scheduled meeting of the Sandy Neck Board was held on January 14, 2019 in the Selectmen's Conference Room, 367 Main Street, Hyannis, MA. The meeting was called to order at 7:00 pm by Chairman Thomas O'Neill.

Roll Call:

- Board Members present: Tom O'Neill, Bill Carey, Pete Sampou, Bill Monroe, Ann Canedy and Nate King.
- Board Member absent: Robert Lovell.
- Staff: Donna Bragg, Operations Supervisor and NRO, Sean Kortis.
Staff Member absent: Nina Coleman.
- Council Liaisons present: none.
- Council Liaisons absent: John Flores and Phil Wallace.
- Public: Diane Lomba, Wendy Paquette, Kylie Palomba and Rich French.

Act on Minutes:

- On a **motion** by Nate King and seconded by Bill Monroe, the Sandy Neck Board voted to approve the December 10, 2018 minutes as printed.

Public Comment:

- Rich French asked if there had been any changes to the Sandy Neck Board Council Liaisons due to change in Council President and Vice President.

Correspondence:

- none.

Staff Report:

Donna Bragg addressed the Board:

- Gatehouse hours: Closed for the season, by appointment only.
- \$1,510 in Merchandise sold for the holiday season.
- Uptick in Marsh trail hiking as well as ORV usage.
- Hannah Hamilton is the newly hired NRO.
- No snowy owls tor report.
- Total of 9 Kemps Ridley turtles and 1 Loggerhead taken from Sandy Neck for the season.
- Discussion with Pete Sampou regarding the apparent dune erosion on Sandy Neck

Old Business:

none

New Subcommittees:

Conservation and Beach Erosion Along Our Coastlines:

- Ann Canedy presented the Board with a collection of articles she has been gathering regarding the different ways other municipalities are coping with erosion. A discussion followed. Attachments.

New Business: *NRO Sean Kortis addressed the Board.*

- NRO Kortis provided a Safety Solutions update. A power point presentation was provided as well as a question and answer period. The report included a 2018 incident summary and tracking of incidents. 2018 solutions implemented, and solutions for 2019 and beyond. Discussion and questions with Board members followed. Attachment.

Matters not reasonably anticipated by the Chair: none

Public Comment:

Adjournment:

- There being no further business, the meeting adjourned at 8:10 pm.

Respectfully submitted,

Donna Bragg, Secretary Pro Tem

Ann Canedy Attachments:
Project

New Erosion Prompts Change in Herring Cove Beach Project

January 8, 2019



PROVINCETOWN – The new Herring Cove Beach parking lot in Provincetown will be built further inland than originally planned due to erosion concerns. The original plans called for moving the lot 120 feet back from the high tide line, but due to unexpected sediment conditions in Hatches Harbor, an area of rapid erosion has developed in the northern end of the parking lot.

Geographic Information Systems Analyst for the Cape Cod National Seashore Mark Adams said the lot will instead be moved back about 200 feet.

“At the moment it is eroding at five, ten, 15 feet per year, whereas the expected background area of erosion for the whole system is three feet per year on average,” Adams said.

Scientists expect the erosion to settle back down to the equilibrium rate of erosion of the rest of the system, but they don’t know how long that will take.

The original goal of constructing the new lot further away from shore was to have it last about 50 years.

“We have confidence in about a 20 year horizon line for the plan with the new layout,” Adams said.

“Some of our scientists say we have 50 years with the new layout.”

The exact layout and dimensions of the lot will remain the same as it was in the original plans, but just further back.

“The new layout does still satisfy the community needs,” Adams said.

Herring Cove Beach is the most popular of the national seashore’s six beaches, with approximately 347,228 visitors in 2018.

The parking lot suffered extensive damage during the 2011-2012 winter season. That damage has worsened every year since as erosion and storms have continued to wash away most of the parking lot and revetment.

The parking lot and road will be raised above the flood elevation at 15 feet.

"It will have a view of the water from the parking lot even if it is further away," Adams said.

A minor change was made to the grading plan for the beach in front of the parking lot.

"It was sloped a litter more which will improve the view and have a much more natural feeling to the beach," Adams said.

The \$3.3 million project began in the fall with an expected completion date of sometime this spring.

Sandwich Getting Sand This Week from Pocasset

December 19, 2018



SANDWICH – The Town of Sandwich is

receiving sand this week from Bourne for Town Neck Beach.

About 5,000 cubic yards of sand cleared from estuaries in Pocasset is being transported by dump truck to the beach.

Sandwich Town Manager Bud Dunham says coastal consultants from the Woods Hole Group recommended placing the dredged material in the area where a house was lost last winter creating a new cut.

“We are going to focus most of it in that area so they are going to place it there and then shape it once they get it delivered,” Dunham said. “It’s all within the footprint of what we had approved about four years ago in terms of the beach and reconstruction template.”

PA Landers, Inc began moving the sand on Monday. The sand will be dropped on the parking lot then moved to the beach and shaped. The work is expected to be completed in one week.

The project will cost the town nearly \$50,000.

“The sobering part is that we are very thankful we are getting about 5,000 cubic yards but the full template needs 400,000 cubic yards,” Dunham said. “It sort of puts it into perspective about how much is really needed to provide some level of sustainability.”

Dunham said every little bit of sand does help.

“We do have some weak spots so if this helps sure those up it is worth it,” he said.

A long-term solution for Town Neck is developing a borrow site from Scusset Beach.

The town is still waiting for a final approval from the Army Corps of Engineers to dredge about 220,000 cubic yards from Scusset Beach to be placed on Town Neck.

All state permits for the project were approved in August.

Dunham said the town has been told that they should receive word on federal permits for the project in February.

If all permitting is approved the next step would be to secure funding for the project.

A \$3 million project was completed in 2016 to renourish Town Neck Beach with more than 100,000 cubic yards of sand dredged from the Cape Cod Canal.

Dunham said severe storms over the last few years has taken about 95 percent of that material away.

CAPE Cod TIMES

A 'win-win' in effort to bolster Town Neck Beach

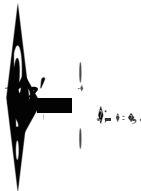
By Tanner Stening

Bourne provides Sandwich with surplus sand to fight erosion.

SANDWICH – Sandwich's effort to quell its beach erosion problem is getting a boost from the town of Bourne.

Sandwich Town Manager George "Buel" Dunham said the town would receive roughly 5,000 cubic yards of surplus sand that would go toward padding an exposed area on Town Neck Beach hit hard by a string of nor'easters earlier this year.

PA Landers Inc., a Sandwich-based sand and gravel supplier, began transporting the sediment from Shore Road in Pocasset earlier this week, according to Timothy Mullen, director of the Bourne Department of Natural Resources.



CTLive: Problematic reports for Steam Heat Authority, a controversial needle exchange program and more

The sand is left over from a dredging project off Barlows Landing completed in October 2017, Mullen said.

Bourne originally intended to use the sand to construct a dewatering basin, but plans changed, and officials did not have another site at which to store the material for future use.

"They need it and we really don't at this time," Mullen said. "So it's a win-win."

The Woods Hole Group, which is consulting with the town on beach renourishment efforts, suggested the sand go to fill in a spot on the west end of the beach near Dunham said. house that was condemned this past winter needs 400,000 cubic yards to

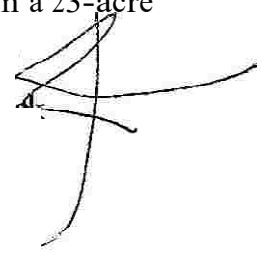
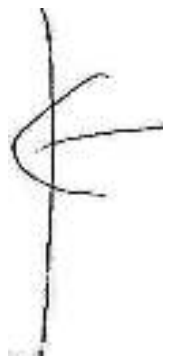
Although the sand will help, Sandwich ultimately shore up the beach, he said.

"This is, in the scheme of things, a very small amount, but we thank Bourne for thinking of us," Dunham said.

The degradation of Town Neck Beach is a perennial problem. The Woods Hole Group identified the Cape Cod Canal jetties as harmful to the health of the beach because they trap sand that would otherwise migrate down and replenish the dunes.

The Army Corps is looking at whether the federal government will take more responsibility for the erosion of Town Neck Beach through an analysis known as a Section 111. The study, which began in February 2017, could yield millions of dollars in support from the federal government. Dunham said the town hopes to

hear back from the federal agency with its draft findings. The town also is seeking permits to begin borrowing sand from a 23-acre subtidal site off Scusset Beach, on the other side of the canal. Officials have received the required state permits for the work but are waiting to hear back from federal regulators through the Army Corps about obtaining a "unified" permit to move ahead with plans.



Bourne's sand should be in place and shaped up on Town Neck Beach by Friday, Dunham said.

Mullen said Bourne would embark on another dredging project in Little Bay next fall that could result in the release of another 22,000 cubic yards of sand for beach renourishment.

"We hope to do this again in the future," he said.

– Follow Tanner Stening on Twitter: @tsteningCCT.

 **CAPE Cod**
TIMES

Dune delivery at Nauset Beach

By Ethan Genter

Work underway to remove pavement, build up protection for parking lot at Nauset Beach in Orleans.

ORLEANS — Summer's come and gone, but Nauset Beach was bustling on Wednesday.

Over the next six weeks, workers will drop 27,000 tons of sand on the beach to build a new dune to help protect the parking lot. The work started on Monday.

In the process, the town will give up 250 parking spots near the beach. But the new dune is considered a way to buy the town more time to figure out a long-term plan for the future of the popular beach, which is one of the town's biggest moneymakers.

Voters approved the \$1.2 million project at the fall special town meeting and November election. In addition to the dune, the money will go toward the purchase of portable toilets if the current administrative building doesn't

survive this winter. This past winter, a series of fierce nor'easters battered the coastline, undercutting the popular clam shack Liam's at Nauset Beach, which was torn down, and chewing up large chunks of the existing dune. During the summer, food trucks were brought in to serve snacks to beachgoers.

Only a few months ago, sport utility vehicles and cars filled with sandy feet and beach chairs came and went from the busy parking lot, but now large trucks are a common sight. Sixty truckloads of sand will be brought down Beach Road each day, said Thomas Daley, director of the town's Department of Public Works and Natural Resources. After dropping off sand, the trucks haul away the asphalt debris from the torn up parking spots.

<https://www.capecodtimes.com/news/20181219/dune-delivery-at-nauset-beach>
1/2

12/20/2018

Dune delivery at Nauset Beach

The project is expected to end in March. Workers will also remove a couple of septic tanks in the area.

The police department has warned other motorists and pedestrians to expect heavy truck traffic along main roads from Exit 12 off Route 6 to the beach Monday through Fridays during the work. Access may be limited during that time.

– *Follow Ethan Genter on Twitter: @EthanGenterCCT*

NRO Sean Kortis Power Point presentation:

