



DARE COUNTY

RODAN THE EROSION

PUBLIC MEETING



MORE INFORMATION:
www.DareNC.gov/Rodanthe

ADDITIONAL QUESTIONS/COMMENTS:
DareCountyPR@DareNC.com

Looking Back: Beach Nourishment

- Federal project proposed in the late 1980s/early 1990s
- 10 miles long
- 70/20/10 cost share (federal/state/local)
- Created an occupancy tax dedicated to pay the local cost share
- No federal or state money was available

30 PAGES IN FOUR SECTIONS
also listed on page 2

25¢

THE COASTLANEWS

PUBLISHED ON TUESDAYS AND THURSDAYS
IN THE INTEREST OF THE
WALTER RALEIGH COASTLAND-OUTER BANKS AREAS

LOOKING FOR WORK?
Check our classifieds.

VOLUME XLII NUMBER 41

MARTIN, N. C. 27564 Telephone 473-1100

1988 FEBRUARY 11

KILDEE HILLS, N. C. 27946 Telephone 473-1100

FEBRUARY 11, 1988

Establish Stick Memorial Fund In Foundation

The Frank Stick Memorial Foundation has been established at the Outer Banks Community College. The foundation is the first of its kind in the area and is dedicated to the memory of Frank Stick, a prominent local businessman and philanthropist. The foundation will receive a \$100,000 gift from the Stick family and will be responsible for the maintenance and improvement of the Stick Memorial Library. The foundation will also be responsible for the establishment of a scholarship fund for students in the area who are interested in the study of history and the life of Frank Stick.

Task Force Members

Members of the Task Force on Erosion Control met on Monday to discuss the progress of their work. The task force is composed of representatives from the local government, the state government, and the private sector. The task force has been working to identify the causes of erosion and to develop effective strategies to control it. The task force has held several public hearings and has received many suggestions from the public. The task force will continue to work on this important issue in the coming months.

Committee Action Awaited As Jetty Bill Hearings End

The House Committee on Transportation and Infrastructure has held its final hearing on the Outer Banks Jetty Bill. The bill, which would provide for the construction of a new jetty to protect the Outer Banks from erosion, has been passed by the committee. The bill is now in the hands of the full House and will be scheduled for a vote in the near future. The bill is expected to pass the House and will be sent to the Senate for consideration. The bill is a major step in the effort to protect the Outer Banks from erosion and is a testament to the hard work of the task force and the committee.

INDEX

Construction	20B
County	20B
Environment	20B
Health	20B
Highways	20B
Marine	20B
Offices	20B
Public	20B
Regional	20B
State	20B
Transportation	20B
Water	20B

Southern Shores 'Agreement' With Vepco Said Not Yet Final

The agreement between the Southern Shores and Vepco regarding the proposed power plant has not yet reached a final stage. The agreement, which would allow the construction of a power plant on the Outer Banks, has been the subject of much controversy. The agreement has been criticized by environmental groups and local residents who are concerned about the impact of the plant on the environment and the community. The agreement has also been criticized by some members of the local government who believe that the plant would be a burden on the community. The agreement is still being negotiated and it is expected that it will be finalized in the coming months.

County Takes Snow Dusting In Its Stride

The county has taken a significant step in the fight against snow by implementing a snow dusting program. The program, which involves the application of a dusting material to the roads, has been shown to be effective in reducing the amount of snow on the roads. The program is a cost-effective way to keep the roads clear and safe during the winter months. The county will continue to evaluate the program and make adjustments as needed to ensure that it is as effective as possible.

Task Force On Erosion Meets, Defines Problems

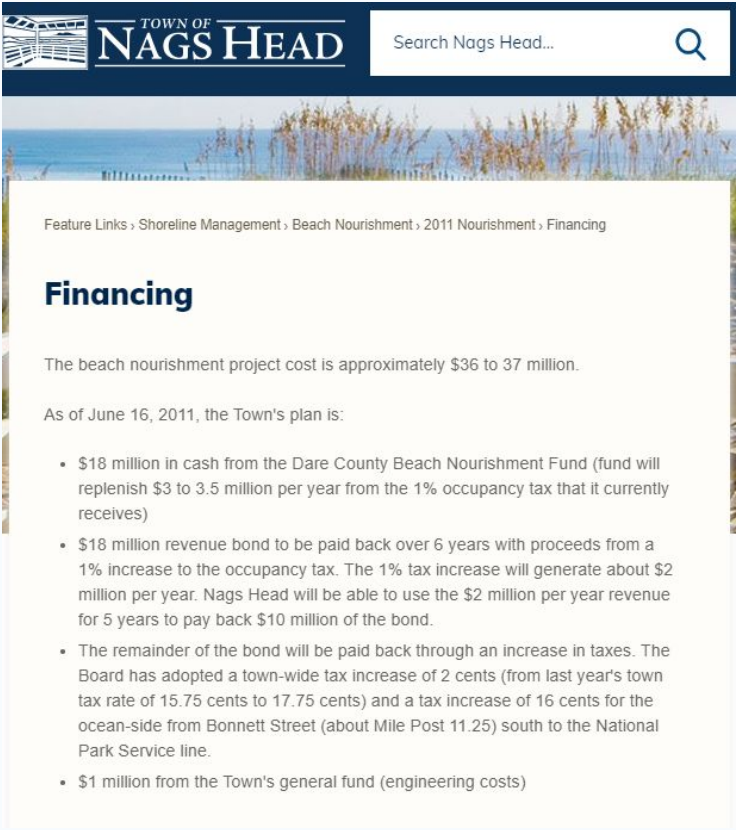
The Task Force on Erosion Control met on Monday to discuss the progress of their work. The task force is composed of representatives from the local government, the state government, and the private sector. The task force has been working to identify the causes of erosion and to develop effective strategies to control it. The task force has held several public hearings and has received many suggestions from the public. The task force will continue to work on this important issue in the coming months.

Snowfall

The county has received a significant amount of snow in the past few days. The snow has caused some difficulties for residents and businesses, but the county has been able to keep the roads clear and safe. The county will continue to monitor the weather and will take action as needed to ensure that the roads are clear and safe.

2011 Nags Head Beach Nourishment

- Nags Head was the first municipality in Dare County to take on a beach nourishment project.
- The Town of Nags Head contributed approximately 50% for the project.
- Dare County's Beach Nourishment Fund contributed the other 50% of the costs.



The screenshot shows the Town of Nags Head website. At the top left is the town logo with the text "TOWN OF NAGS HEAD". To the right is a search bar with the placeholder text "Search Nags Head..." and a magnifying glass icon. Below the header is a banner image of a beach with dunes and grasses. Underneath the banner is a breadcrumb trail: "Feature Links > Shoreline Management > Beach Nourishment > 2011 Nourishment > Financing". The main heading is "Financing". Below this, the text states: "The beach nourishment project cost is approximately \$36 to 37 million." and "As of June 16, 2011, the Town's plan is:". A bulleted list follows, detailing the funding sources: \$18 million in cash from the Dare County Beach Nourishment Fund, \$18 million revenue bond to be paid back over 6 years, and \$1 million from the Town's general fund.

Feature Links > Shoreline Management > Beach Nourishment > 2011 Nourishment > Financing

Financing

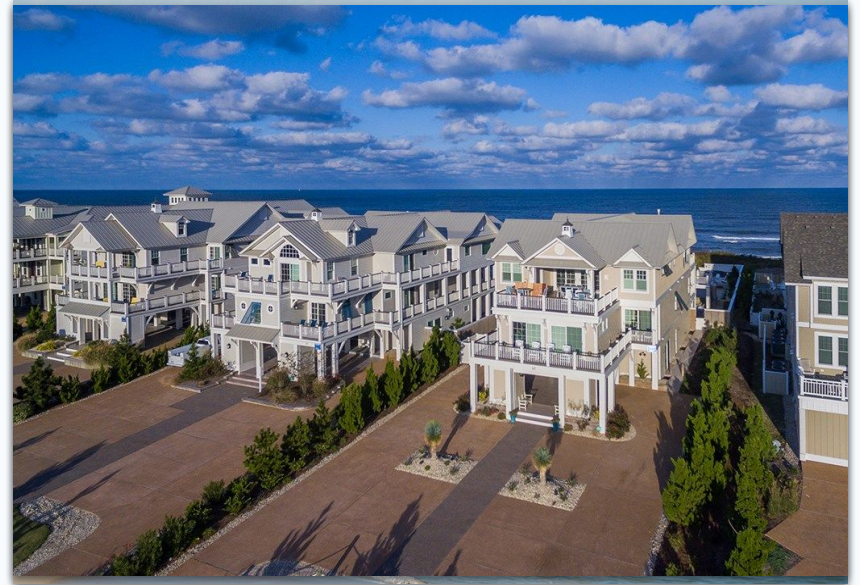
The beach nourishment project cost is approximately \$36 to 37 million.

As of June 16, 2011, the Town's plan is:

- \$18 million in cash from the Dare County Beach Nourishment Fund (fund will replenish \$3 to 3.5 million per year from the 1% occupancy tax that it currently receives)
- \$18 million revenue bond to be paid back over 6 years with proceeds from a 1% increase to the occupancy tax. The 1% tax increase will generate about \$2 million per year. Nags Head will be able to use the \$2 million per year revenue for 5 years to pay back \$10 million of the bond.
- The remainder of the bond will be paid back through an increase in taxes. The Board has adopted a town-wide tax increase of 2 cents (from last year's town tax rate of 15.75 cents to 17.75 cents) and a tax increase of 16 cents for the ocean-side from Bonnett Street (about Mile Post 11.25) south to the National Park Service line.
- \$1 million from the Town's general fund (engineering costs)

Dare County's Beach Nourishment Fund

- Funds come from the 6% Dare County occupancy tax (2% is designated for Beach Nourishment Fund)
- This occupancy tax generated \$14.6 million for the fiscal year ending June 30, 2021, and \$15.7 million for the fiscal year ending June 30, 2022.



Dare County's Beach Nourishment Goals

- Put sand on beaches when needed, where needed
- Project future costs
- Project future revenues
- Hold money for future maintenance
- Maintain one year's debt service



Dare County created a financial model for projecting funds available for future projects.



Subsequent Projects: Duck, Kitty Hawk, Kill Devil Hills, Southern Shores and Buxton

- A special service district was created in each town and village for property owners to be taxed to help pay their share of the project.

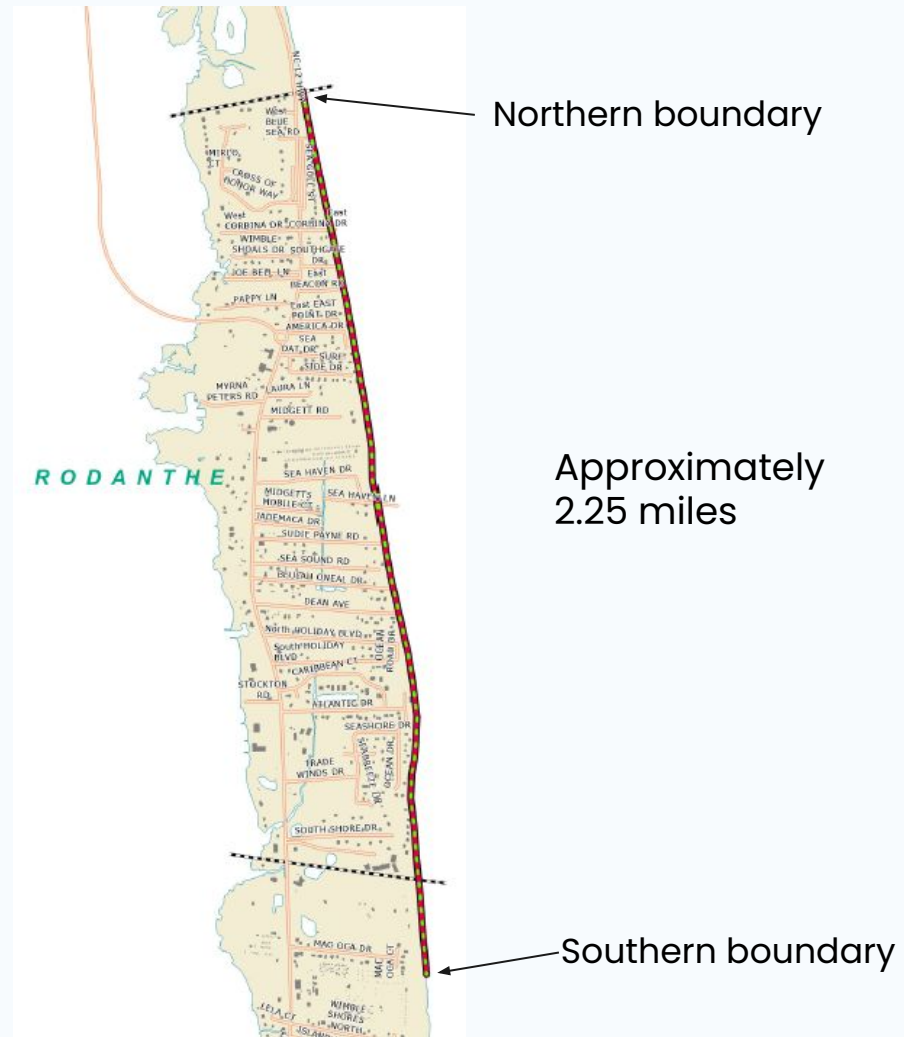
The projects were successful.



Kitty Hawk Beach Nourishment

What It Might Look Like: An Example of a Beach Nourishment Project in Rodanthe

- Engineers have been hired to update the 2013 Rodanthe study to determine estimated cost, volume of sand needed, project area, and other details.
- The project area has been estimated at approximately 2.25 miles for this example.



Paying for Rodanthe Beach Nourishment

- The 2013 study estimated that Rodanthe beach nourishment would cost close to \$20 million, at that time. Thus, a Rodanthe project in today's market would likely cost well over that amount.
- The erosion rate is high in this area and is therefore likely to be more expensive than other areas that have been nourished in Dare County.
- At the time of this meeting - according to the financial model for the beach nourishment fund - Dare County has the ability to borrow roughly **\$6 million**. However, in order to build a \$20 million project, the model reflects that we would need \$30 million in new money to fund construction and perform maintenance.

Paying for Rodanthe Beach Nourishment

- There is **no federal or state funding** available.
- If Rodanthe property owners were taxed at a rate similar to other communities in Dare County that have established a special service district for beach nourishment, a total of \$636,309 would be generated towards the \$30 million needed to start a new project.
- Therefore, the cost of a Rodanthe project would have to be almost fully funded by the county's beach nourishment fund.

Where Are We Now?

- The county currently does not have sufficient funds to pay for any new beach nourishment projects. Without an influx of state or federal funding, no new beach nourishment projects are possible in Dare County.
- When and if funding is identified, priorities must be set as to where those funds will be spent.
- There are erosion issues not only in Rodanthe, but also in the canal zone and at Isabel Inlet (the area between Frisco and Hatteras villages).

Questions:

- What is beach nourishment and how are projects funded in Dare County?
- Is there a beach nourishment project scheduled for Rodanthe?
- Has erosion always been an issue for this area of Rodanthe or has it worsened in recent years?
- What area of the beach is owned by the state or federal government? Why don't they address this issue?
- What stretch of beach would be nourished as part of a potential Rodanthe beach nourishment project?

Questions:

- Has Dare County considered other options—such as the installation of terminal groins, jetties or seawalls—to address the issue of shoreline erosion?
- Why isn't there a beach nourishment project in Rodanthe?
- What is the process for moving forward with a project? What are the next steps?
- How much would a beach nourishment project in Rodanthe cost?
- What are the chances that the contractors working to clear the sand bags and debris from the section at the s-curves, could be paid a bit extra to create an inlet opening at the s-curves while they are there already doing EXTRA work with the sandbag clean up?

Questions:

- Why aren't state or federal dollars being used to fund beach nourishment?
- Is there any potential for our houses to be purchased through the N.C. Office of Recovery & Resiliency Strategic Buyout Program?
- What plans if any does the county have to deal with erosion, especially storm-related, on the soundside of Hatteras Island?
- Does any entity have any plans to protect that stretch of homes near Green Lantern Court to protect from an inlet cutting just north of Rodanthe?
- Does the county plan to work directly with NCCF to promote and pursue living shoreline methods to limit and mitigate damage and erosion from the soundside flooding referenced above?



DARE COUNTY

RODAN THE BEACH EROSION

REGISTERED SPEAKERS Q&A SESSION



MORE INFORMATION:
www.DareNC.gov/Rodanthe

ADDITIONAL QUESTIONS/COMMENTS:
DareCountyPR@DareNC.com