



2022 BEACH NOURISHMENT

LOOKING BACK: BEACH NOURISHMENT

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

30 PAGES IN FOUR SECTIONS
This issue is selected area

THE COASTLANEWS 25¢

PUBLISHED ON TUESDAYS AND THURSDAYS
WALTER RALEIGH COASTLAND-OUTER BANKS AREAS

LOOKING FOR WORK?
Check the classifieds.

VOLUME 102
NUMBER 47

WALTER R. G. 20264
Telephone 472-2122

OFFICE 1901000

WIL. DEVEL. HILLS, N. C. 27834
Telephone 461-5225

TUESDAY
FEBRUARY 11, 1984

Establish Stick Memorial Fund In Foundation

The Frank Stick Memorial Fund, created in the Wake Forest area, has been established in the Wake Forest University Foundation. The fund will be used to support the Stick Memorial Fund, which was established in 1928 to honor the late Frank Stick, who was a prominent figure in the Wake Forest area.

Task Force Members

Members of the Task Force on Erosion Control, which was established in 1982, met to discuss the progress of their work. The task force is composed of representatives from the Wake Forest University, the State of North Carolina, and the local community.

Siberling To Visit Committee Action Awaited As Jetty Bill Hearings End

Rep. John S. Sibley, R-1, will be in the area for a few days. He is expected to visit the area to discuss the progress of the jetty bill. The bill is currently being heard in the House of Representatives.

THE OCEAN WALK only a few paces away in the

Left to right are task force members Don Bryant, Arthur Brinson, Frank Prince, Bill Smith, Steve Blanton and J. Jay Langstaff. The task force is currently working on a report regarding the erosion control problem in the area.

Methods and Funding

Task Force On Erosion Meets, Defines Problems

The task force met to discuss the methods and funding for the erosion control project. The task force is currently working on a report regarding the erosion control problem in the area.

Southern Shores 'Agreement' With Vepco Said Not Yet Final

The agreement between the Southern Shores and Vepco is still under review. The agreement is currently being reviewed by the relevant authorities.

County Takes Snow Stride In Its Stride

The county is currently taking steps to deal with the snow. The county is currently working on a plan to deal with the snow.

ONLY A SMALL AMOUNT of snow dunes the Outer Banks, but

The snow is currently melting. The snow is currently melting and is being washed away by the waves.

2011 NAGS HEAD BEACH NOURISHMENT

Nags Head created a service district and taxed residents to cover approximately 50% of the project.

**Nags Head Beach Nourishment:
Before Nourishment (2011)
After Nourishment (2011)
After Hurricane Irene (2012)**

TOWN OF NAGS HEAD Search Nags Head...

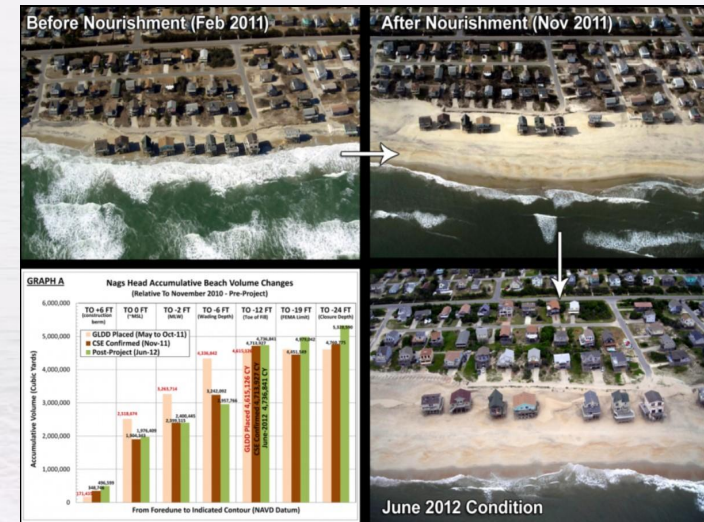
Feature Links » Shoreline Management » Beach Nourishment » 2011 Nourishment » Financing

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

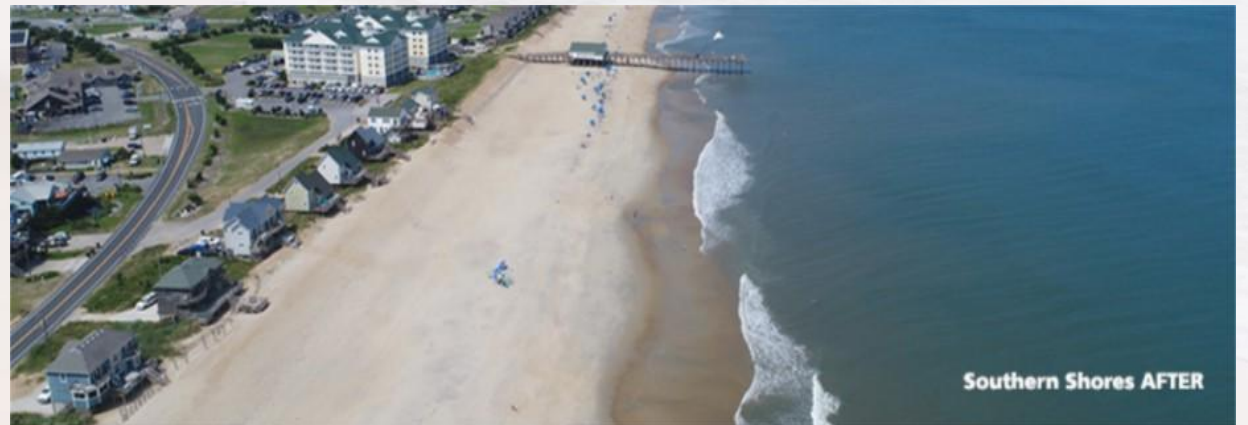
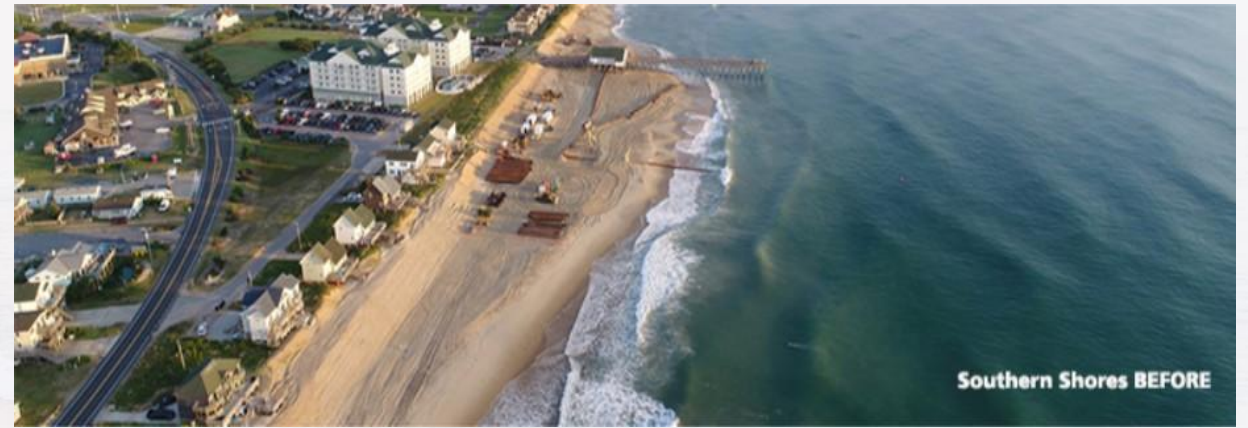


- **Funds come from the Dare County occupancy tax (2% designated for Beach Nourishment Fund)**
- **Occupancy tax generated over \$14 million during the last fiscal year and is projected to generate close to \$14 million again this fiscal year.**
- **Generally, the occupancy tax generates around \$10 million for the fund each fiscal year.**

2017 BEACH NOURISHMENT

DUCK
SOUTHERN SHORES
KITTY HAWK
KILL DEVIL HILLS
BUXTON

Each town created special service districts, taxed property owners to help pay their share of the project and the projects were successful.



2017 BEACH NOURISHMENT

DUCK
SOUTHERN SHORES
KITTY HAWK
KILL DEVIL HILLS
BUXTON

Buxton Beach Nourishment Goal: Prevent the loss of Highway 12



BUXTON 2016



BUXTON 2018

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**



We created a financial model for projecting funds available for future projects.

NORTHERN BEACHES



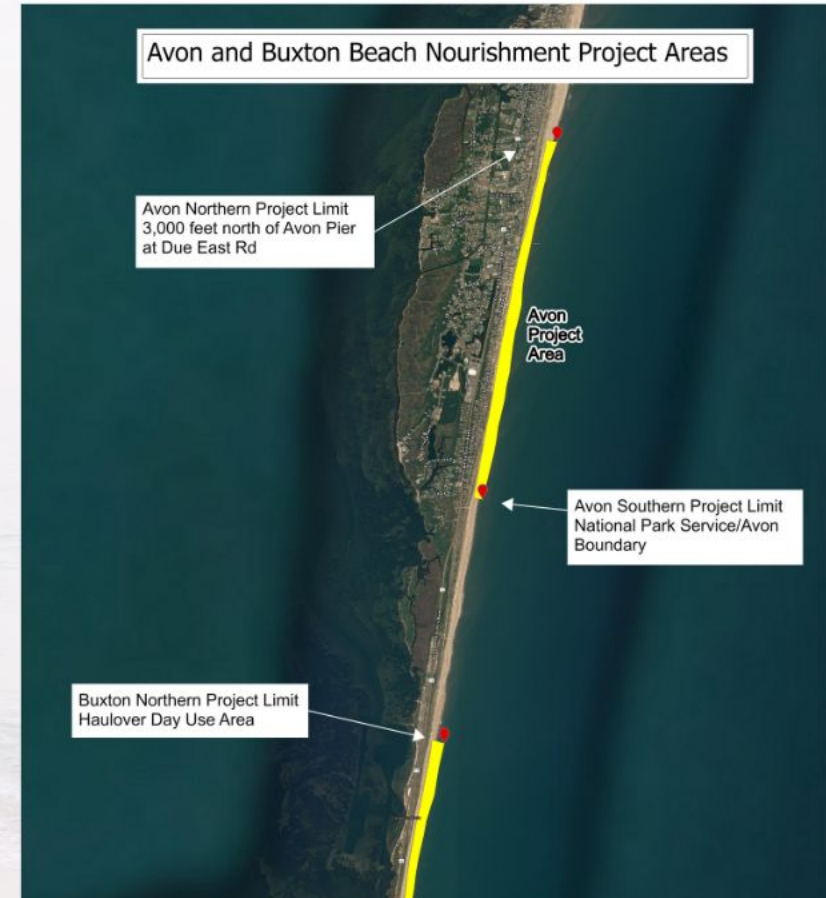
Approx. 12 miles of shoreline
Cost: \$34.9 million
(\$8.7 million from the Beach Nourishment Fund.)

NAGS HEAD



Approx. 4.5 miles of shoreline
Cost: \$13.9 million
(Funded by FEMA & town funds. No county funds.)

HATTERAS ISLAND



Approx. 5.4 miles of shoreline
Cost: \$29.8 million
(\$21.6 million from the Beach Nourishment Fund.)

ALL PROJECTS ARE SCHEDULED TO TAKE PLACE BETWEEN MAY AND DECEMBER 2022.



Improvements Today For A Better Beach Tomorrow.

Projected 2022 Beach Nourishment Schedules*

	Start Date	End Date	Duration
Duck	TBD	TBD	TBD
Southern Shores	TBD	TBD	TBD
Kitty Hawk	TBD	TBD	TBD
Kill Devil Hills	TBD	TBD	TBD
Nags Head	TBD	TBD	TBD
Avon	TBD	TBD	TBD
Buxton	TBD	TBD	TBD

*All projects are scheduled to take place between May and December 2022. As contractors provide tentative construction schedules, this table will be updated. Please check back for more information and sign up for area-specific email updates using the links listed below.

The table on [MoreBeachToLove.com](https://www.morebeachtolove.com) will be updated as contractors provide tentative construction schedules.

MORE BEACH TO

LOVE

The word 'LOVE' is rendered in a large, bold, sans-serif font. Each letter is filled with a vertical gradient from light blue at the top to brown at the bottom, representing the sky, water, and sand. A green palm frond is positioned behind the letter 'V'.

OUTER BANKS

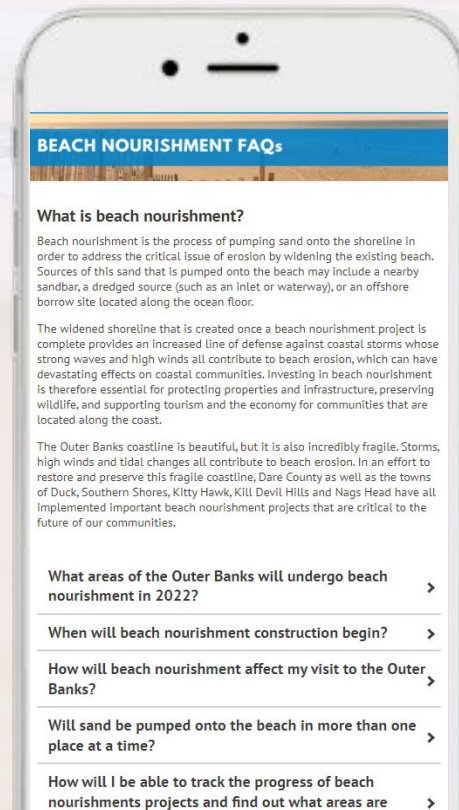
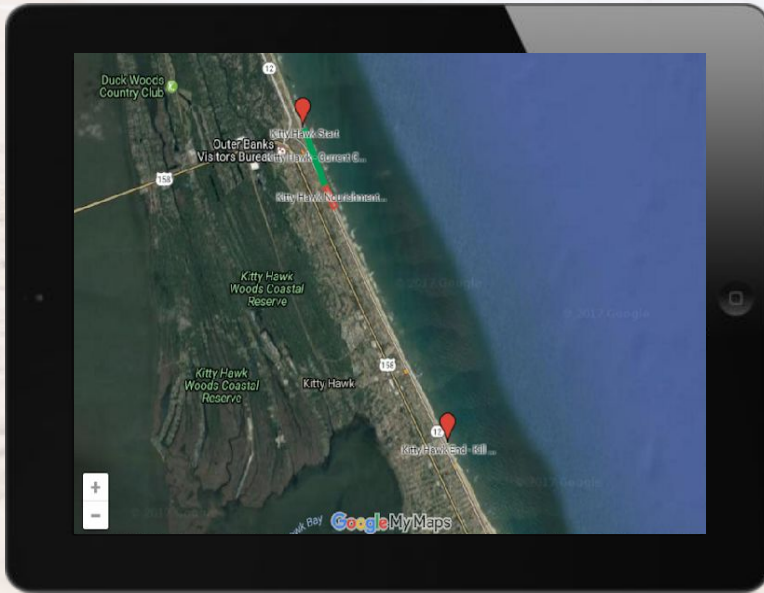
SHORELINE MANAGEMENT



MORE BEACH TO



Improvements today for a better beach tomorrow.



RESOURCES ON MOREBEACHTOLOVE.COM

- Project Google Maps for each town
- Links to sign up for email updates for each project area
- Links to access more information from each town
- Frequently asked questions
- Contacts for each project

Projected 2022 Beach Nourishment Schedules*

Duck	Start Date	End Date	Duration
TPO	TBD	TBD	TBD
Southern Shores	TBD	TBD	TBD
Kitty Hawk	TBD	TBD	TBD
Kill Devil Hills	TBD	TBD	TBD
Hogg Head	TBD	TBD	TBD
Arden	TBD	TBD	TBD
Buxton	TBD	TBD	TBD

*All projects are scheduled to take place between May and December 2022. As contractors provide tentative construction schedules, this table will be updated. Please check back for more information and sign up for area-specific email updates using the links listed below.

TOWN OF DUCK

Approximately 1.6 miles of shoreline from the Army Corps Pier north to Slimmer Way at a construction cost of \$7.3M-\$8.6M.

Click here for more information about the project in the Town of Duck.
Click here to view the Town of Duck project map.

2022 Hurricane Dorian Beach Restoration Project

News Flash

Beach Restoration 2022
A beach restoration project will take place sometime between late spring and early fall 2022. From 2011 South OAR Oregon Outer Beach Contract (see beach) near MP 16 north to Hogg Head (see contract) near beach nourishment site (see map). Access throughout your site. See all...

Background
A beach restoration project in the summer of 2022 will replace sand lost during 2019's Hurricane Dorian. The project is scheduled to provide enough beach nourishment to allow the Town to align its regularly scheduled beach maintenance maintenance with those of the other northern beaches, tentatively planned for 2022.

The estimated \$15,000,000 cost will be funded by a FEMA-NORX Coastal Resilience Assistance grant of \$12,000,000, a North Carolina Department of Environment and Natural Resources Coastal Storm Damage Mitigation grant of \$1,000,000, and a combination of agreements made with the Town of Hogg Head's beach nourishment capital reserve.

Construction Area
The project will place sand from 8001 South Old Oregon Inter Road (located on the south near Mile Post 16, south through 19428 South Old Oregon Inter Road (see map).

Timeline
View updates from our 2019 beach nourishment project to get a better idea of what construction entails.

Construction Schedule

BEACH NOURISHMENT FAQS

What is beach nourishment?
Beach nourishment is the process of pumping sand onto the shoreline in order to address the critical issue of erosion by widening the existing beach. Sources of this sand that is pumped onto the beach may include a nearby offshore dredged source (such as an inlet or waterway), or an offshore borrow site located along the ocean floor.

The widened shoreline that is created once a beach nourishment project is complete provides an increased line of defense against coastal storms whose strong waves and high winds all contribute to beach erosion, which can have devastating effects on coastal communities. Investing in beach nourishment is therefore essential for protecting properties and infrastructure, preserving wildlife, and supporting tourism and the economy for communities that are located along the coast.

The Outer Banks coastline is beautiful, but it is also incredibly fragile. Storms, high winds and tide changes all contribute to beach erosion. In an effort to restore and preserve this fragile coastline, Dare County as well as the towns of Duck, Southern Shores, Kitty Hawk, Kill Devil Hills and Hogg Head have all implemented important beach nourishment projects that are critical to the future of our communities.

What areas of the Outer Banks will undergo beach nourishment in 2022?

When will beach nourishment construction begin?

How will beach nourishment affect my visit to the Outer Banks?

Will sand be pumped onto the beach in more than one place at a time?

2022 Duck Beach Nourishment

Interested to see if you will be impacted by beach nourishment project? Click the magnifying glass above and type the address of 25121 Ave.

Published on January 13

SHARE

Nourishment Area

- Planned 2022 Project Location
- Beach Nourishment Project Limits
 - Duck Northern Boundary
 - Duck Southern Boundary
- Taper
- Duck Station IDs
- Directional Arrows

EMAIL UPDATES

To sign up for updates or to access your subscriber preferences, please enter your contact information below.

Email Address *

Submit **Cancel**

Your contact information is used to deliver requested updates or to access your subscriber preferences.

[Privacy Policy](#) | [Cookie Statement](#) | [Help](#)

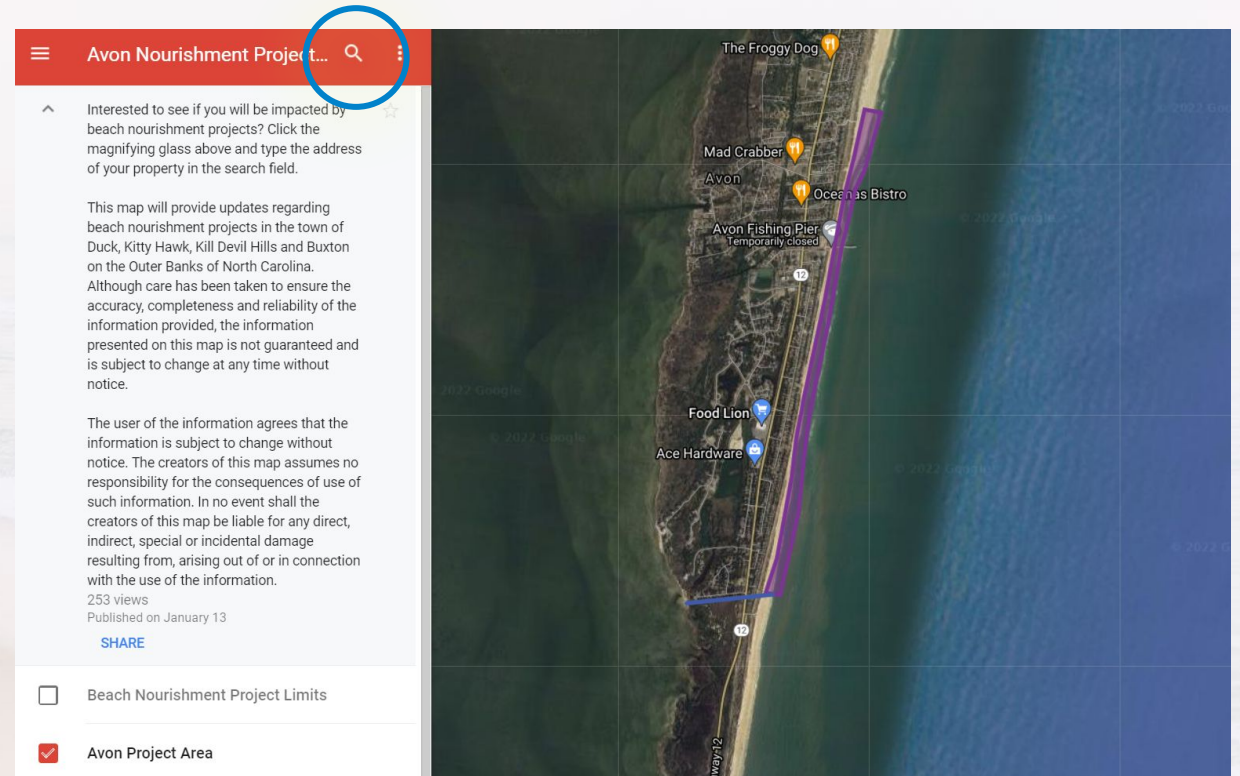
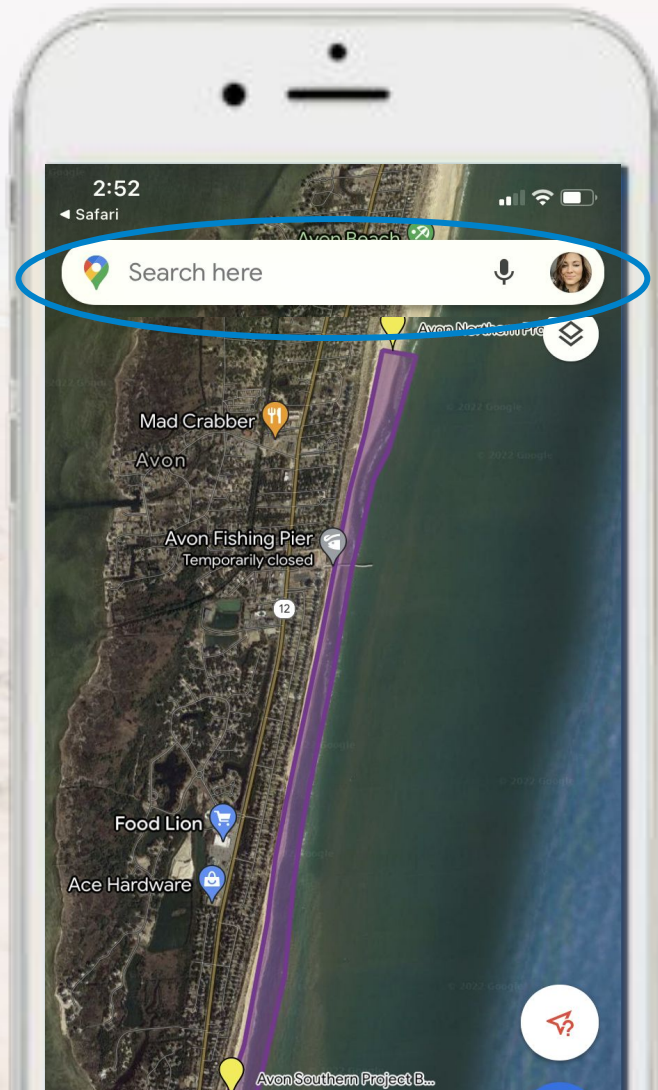
BEACH NOURISHMENT CONTACTS

Searching for more information about any of the upcoming beach nourishment projects that are scheduled to take place throughout Dare County? Looking for more information about projects that have been completed in the past? Find the answers to your questions by contacting the appropriate municipality or county representative listed below.

Town of Nags Head Project
Roberta Thomas
Public Information Officer
252-441-5508
robetta.thomas@nagshead.gov

Town of Duck Beach Nourishment Project

HOW CAN I USE THE MAPS TO SEE IF MY PROPERTY IS AFFECTED?



In the project Google Map, click the magnifying glass or use the “Search here” box to enter your address in the search field.

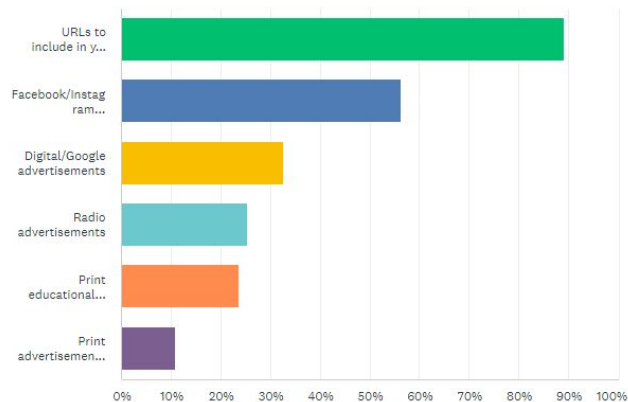


ADVERTISING & PROMOTION

Dare County advertising plan based on OBAR Property Managers Survey feedback:

Which of the following advertising platforms do you feel would be most effective for reaching vacationers and homeowners regarding 2022 beach nourishment?

Answered: 55 Skipped: 0



- **MoreBeachToLove.com**
- **Social Media Kit**
To be made available to property managers and business owners.
- **Digital and Radio Ad Placements**
- **Educational Rackcards**
For lifeguards, beach nourishment site managers and National Parks Service rangers to distribute.

MORE BEACH TO

LOVE

The word 'LOVE' is rendered in a large, bold, sans-serif font. Each letter is filled with a vertical gradient from light blue at the top to brown at the bottom. The letter 'O' is a solid circle. The letter 'V' is a downward-pointing triangle. The letter 'E' is a solid block letter. A green fern frond is positioned to the right of the 'V', appearing to grow from the bottom of the 'LOVE' text.

OUTER BANKS

SHORELINE MANAGEMENT