



October 31, 2024

Subject: Notification of Coastal Engineering Cost Estimates and Beach Renourishment Project

Dear Community Partners,

In 2023, the Flagler County Board of County Commissioners approved a Beach Management Plan that is intended to guide the County through beach and dune restoration and management needs along the entire 18 miles of Flagler County’s entire coastline over the next 50 years. The Plan identified beach and dune restoration and maintenance as the preferred approach to meet the County’s long-term beach management objectives.

As part of the Plan, the County has identified four (4) beach and dune nourishment reaches along which restoration and management will be pursued. The reaches were identified considering physical characteristics of the beach and dune, funding opportunities that vary between reaches and environmental conditions. The four (4) beach and dune nourishment reaches are shown in Table 1 below, with more detailed information within the Beach Management Plan Fact Sheets (attached).

Table 1

Project	Location	Jurisdiction	Status
Reach 1	Gamble Rogers Park (R-96) to North 7 th Street (R-77)	Flagler Beach	Completed/2024
Reach 2	North 7th Street (R-77) to just North of Varn Park (R-46)	Flagler Beach, Town of Beverly Beach, Unincorporated Flagler County	Anticipated Start Spring 2025
Reach 3	North of Varn Park (R-46) to Southern limit of Washington Oaks State Park (R-16)	Unincorporated Flagler County	Anticipated Start 2026/2027
Reach 4	Southern limit of Washington Oaks State Park (R-16) to the St. Johns Countyline (R-1)	Unincorporated Flagler County, Town of Marineland	As Needed

The southernmost section, located south of Gamble Rogers Park (R-97.5) to the Volusia County line (R-101), currently has a secant wall being installed by FDOT. Although a permit exists for beach nourishment within this area (following the installation of the secant wall), a funding source has not been identified. It is estimated that the nourishment project cost in this section is \$4.2 million, with an ongoing maintenance cost of \$2.1 million every 6 years (with an equivalent annual cost of \$350,000). These amounts are not currently accounted for in Table 2 within the jurisdiction of Flagler Beach.

With coastal preservation as a top priority, this initiative aims to protect and sustain our beaches against the impacts of erosion, severe weather events, and rising sea levels. A funding plan for the initial construction of beach and dune nourishment has already been established by Flagler County, however a funding strategy for the ongoing beach and dune maintenance will be needed as well. Our consultant, Olsen | Foth Inc., has provided us with estimated project costs for periodic renourishment which would take place every 6 years, along with the equivalent annual cost for each section.

Table 2

Periodic Maintenance Costs		
Segment	Equivalent Annual Cost (EAC)	Total Project Cost (6 years)
Flagler Beach	\$2,588,350	\$15,530,100
Town of Beverly Beach	\$587,733	\$3,526,400
Town of Marineland	As Needed	As Needed
Flagler County Unincorporated	\$8,215,125	\$49,290,750

These projected costs are for planning values only, based on 6-year project intervals. All values subject to change following detailed engineering and permitting, and do not include the cost for annual monitoring, or local funding matches needed for storm related activity.

As part of our funding strategy and ongoing beach nourishment and maintenance, we are proposing to move forward with a municipal service benefit unit (MSBU) for the northern 10+ miles of the barrier island within the unincorporated area of Flagler County. These are for parcels located north of the Town of Beverly Beach and south of the Town of Marineland. This assessment will be split between a base rate, based on the shared benefits each property receives, and the other half will factor in the value of the property. Consideration of this concept will take place at our November 4th Board Meeting beginning at 9am. This essential project is expected to enhance protection for our coastal community, support critical ecosystems, boost quality of life and tourism by maintaining beach quality and accessibility.

While the November 4th decision does not directly affect your jurisdiction, we wanted to make you aware of our intent to move forward, and to extend an opportunity for your community to consider this as an option. To facilitate planning and coordination, we would appreciate any feedback or indication of your municipality's potential interest in joining this initiative. Our team is available to discuss the detailed plans, projected timelines, and benefits of a collaborative approach in ensuring our coastline remains resilient and sustainable.

Thank you for your ongoing commitment to coastal preservation. Please feel free to reach out to us with any questions or for further clarification.

Sincerely,

Heidi Petito Digitally signed by Heidi
Petito
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Heidi Petito
Flagler County Administrator