

North County Comprehensive Shore Protection Project Segment III

Project Location

- The shoreline from 1 mile north to 1.4 miles south of the Juno Pier in the Towns of Jupiter and Juno Beach.

The Problem

- The Project area is designated by the State of Florida as “critically eroded.”
- Ongoing erosion has the potential to threaten A1A, infrastructure and beach habitat during severe storm events.

The Solution

- Add sand to the coastal system to act as a sacrificial berm that will mitigate future storm impacts.

Benefits

- Storm protection.
- Restoration of critical environmental habitat.
- Provides sand to adjacent beaches.
- Maintenance of public recreation.

Funding

- Tourist Development bed tax.
- A grant from the Florida Department of Environmental Protection.
- Hurricane Irma impact funding from the Federal Emergency Management Agency.



June 2010



February 2020

Project Overview

1. The project area was first nourished with offshore sand in 2001, and re-nourished in 2010.
2. The project design nourishment interval of 6 years has been exceeded by 4 years.
3. Approximately 969,600 cubic yards of sand will be used to refill the beach to the same size as the previous projects.
4. Sand will be pumped onto the dry beach with the expectation that wave action over the coming months will move much of it into the natural beach slope nearshore.
5. Construction is scheduled to begin mid November 2020 and be completed in early February 2021..
6. Great Lakes Dredge & Dock will construct the project.



Project Partners

Palm Beach County, The Federal Emergency Management Agency and the Florida Department of Environmental Protection.



Environmental Resources Management
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FAQ'S

- How much will the renourishment cost to construct?
\$14,282,120.00 is the cost of the renourishment .
- How long will construction take?
Between 60 and 80 days working 24 hours a day 7 days a week.
- Where will the sand coming from?
An offshore borrow area approximately 1.7 miles northeast of Jupiter inlet.
- How much of the new beach will be accessible to the public?
Only the immediate work area will closed for public safety. A pedestrian pathway will be maintained to allow safe passage around the construction area.
- Does this project have another name?
Yes. The North County Comprehensive Shore Protection Project Segment III was previously known as the Juno Beach Shore Protection Project..
- What will the impact be to sea turtles?
Minimal. The primary consideration for timing of construction activity is to avoid impacts to sea turtle nesting season. Some early season nests may need to be relocated.