Ocean Ridge Renourishment
A Palm Beach County Shore Protection Project

Project Location
• Just south of Boynton Inlet (aka South Lake Worth Inlet) on the Atlantic Ocean.

The Problem
• Hurricane Irma caused severe erosion within the project area in 2017. Hurricane Dorian caused additional erosion in 2019.

The Solution
• The US Army Corps of Engineers last restored the project in 2014, dredging 485,000 cubic yards of sand from a nearshore borrow area.
• Palm Beach County returns sand to the beach south of the inlet with the sand transfer plant and periodic sand trap dredging.
• T-groins stabilize the highly erosive beach just south of the inlet.

Benefits
• Storm protection for roads and structures
• Restores sea turtle habitat
• Maintenance of public recreation

2020 Project Overview
• Construction is scheduled to begin in March 2020, during which 430,000 cubic yards of sand will be dredged to restore 1.1 miles of beach.
• The sand source is a borrow site 1,800 feet offshore of the project.
• All State/Federal permits for the project have been issued.
• The project is estimated to cost $5 million and will be fully funded and managed by the US Army Corps of Engineers.

Project Partners
US Army Corps of Engineers, Florida Department of Environmental Protection, Palm Beach County

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