



INTRACOASTAL WATERWAY VOLUSIA & PONCE DE LEON INLET – VOLUSIA COUNTY

OPERATION & MAINTENANCE DREDGING

BUILDING STRONG[®]

1) Where will the dredging occur?

Operation and Maintenance (O&M) Dredging will occur within both the Intracoastal Waterway (IWW) and within Ponce De Leon Inlet. Approximately 450,000 cubic yards of beach quality material will be dredged from the IWW and Inlet, pumped via pipeline into the nearshore disposal area located south of Ponce De Leon Inlet. Dredging is anticipated to begin by the end of July 2018.

2) How will the material be placed in the nearshore disposal area?

Pipeline will be floated down the IWW to an existing pipeline sleeve located at Sapphire Road. The pipeline will run through this sleeve, exiting onto the beach. At the point of entry onto the beach the pipeline will be buried up to the point where it meets water. At that point the pipeline will be floated out to the nearshore disposal area. Disposal will occur in water between Beachway Avenue and Maryanne Clancy Park.

3) If the material is beach quality why isn't it being placed on the beach?

Real estate easements are not available to enable beach placement. However, sand placed in the nearshore is expected to migrate westward and help reinforce the beach within the toe of fill. Although the sand is not going directly onto the dry beach, the operation is expected to maximize benefits to the environment and minimize negative impacts from finer material by placing sediments in such a way that natural processes selectively sort fines from coarser sediments, and move beach-quality sand onshore and finer fractions offshore.

4) How long will the O&M dredging last?

The total length of the contract is 260 calendar days. This includes 30 days on each end for mobilization and demobilization. During dredging activities residents within the area can expect to hear noise associated with the booster pumps required to pump the material the distance down to the nearshore placement area.

5) What are the working hours for the project?

Dredging within the Inlet will occur 7 days a week, 24 hours per day. Work within the IWW will occur 7 days a week but only 12 hours per day.

6) How long will equipment stay on one stretch of beach?

Since the project includes pumping dredge material into the nearshore via a pipeline, there will not be equipment staged on the beach. The public could expect to see work trucks only during times of inspecting the buried pipeline.

7) Where does the sand come from?

Sand will be dredged from both federal navigation channels, Ponce De Leon Inlet and the IWW. The IWW at this location is authorized to a depth of 12 feet plus 2 feet of allowable over depth. The Ponce de Leon Inlet authorized depth varies from 7 feet to 12 feet plus 2 feet of allowable overdepth. Jacksonville District relocates millions of cubic yards of sand from Florida ports, inlets and inland waterways as part of its navigation program.

8) Is there access to the beach during the project?

The beach will remain open to residents and visitors.

9) How can I get more information about this Operation & Maintenance dredging event?

Information can be found on the Army Corps of Engineers website at www.saj.usace.army.mil and at www.facebook.com/JacksonvilleDistrict.

U.S. ARMY CORPS OF ENGINEERS | JACKSONVILLE DISTRICT PROJECT MANAGEMENT DIVISION

PO Box 4970

Jacksonville, FL 32232-0019

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