

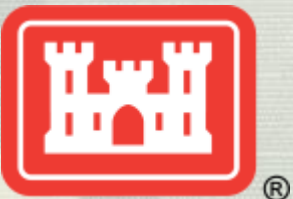
MAINTENANCE DREDGING UPDATE

Port Tampa Bay and Manatee Harbor

Brandon Burch – Project Manager
Aubree Hershon – Ecologist
U.S. Army Corps of Engineers
Jacksonville District

Presentation to:
Agency on Bay Management/
Tampa Bay Estuary Program

February 8, 2018



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TAMPA HARBOR FY 17 DREDGING



Upper Harbor and St. Pete Harbor

■ Upper Harbor:

- 160,000 CY of material from Ybor Channel, Upper and Lower Sparkman Channel, Port Sutton, and East Bay

■ St. Pete Harbor

- 97,000 CY of material from St. Petersburg Harbor Turning Basin and Entrance Channel
- Placement at Upland Disposal Area



ALAFIA RIVER/MANATEE HARBOR FY 17 DREDGING



Combined Dredge Contract:

- Estimated Project Completion - **end of April 2018**
- **Alafia River** - Main Channel and Turning Basin (132,000 cy)
 - Placement at DMMA 3-D
- **Manatee Harbor** - Entrance Channel, Turning Basin, Berthing Areas (82,000 cy)



land Site



TAMPA HARBOR FY 18 DREDGING



FY 18 Proposed Dredging

▪ Entrance Channel Cuts

- Egmont Cuts 1 & 2
- Mullet Key Cut
- 850,000 CY of shoaled material
- Placement on Egmont Key
- Plans and Specifications underway. Advertisement planned for July 2018.



TAMPA HARBOR: BIG BEND DEEPENING



Scope of Work:

- Deepening Entrance Channel, East Channel, Inner Channel, Turning Basin, and associated Non-Federal Berthing Area.
- Expand the Turning Basin to 1200'
- Widen the Entrance Channel 50' to the North
- Estimated 4 million cubic yards of material will be placed upland in DMMA 3-D



PINELLAS COUNTY SPP: SK, TI, LK

PROJECT OVERVIEW

Pinellas County Shore Protection Project totals 21.8 miles of shoreline. There are three constructed and authorized segments that are actively maintained by the federal government in cost share with Pinellas County; Sand Key at the north end (14.2miles), Treasure Island in the middle (3.5 miles) and Long Key at the south end (4.1miles).

Treasure Island has undergone a total of 11 renourishments to date, and was the first segment constructed. Long Key is the second oldest and has been renourished seven times over the course of its 37-year life, and finally Sand Key, originally constructed in 1993. It is the largest of the segments and is set to expire in 2043, undergoing three renourishments to date.



PROJECT SCHEDULE

Advertise Contract	July 14, 2017
Receive Bids	August 29, 2017
Contract Award	Sept. 30, 2017
Construction	Feb-Sept. 2018
*Construction to last approximately 4 to 6 months	

PROJECT AREAS

Segment	Location of Fill	R Monuments	Volume (cy)	Borrow Area
Sand Key	Most of Segment	R56 to R109 Gaps Due To Easements	1.3 million FCCE portion: 690,000	Egmont Shoals
Treasure Island	Sunshine Beach Sunset Beach	R126C to R128	250,000	John's Pass, Egmont Shoals
Long Key	Upham Beach	R 144-146	150,000	Egmont Shoals
*Currently not funded				

Project Website:

<http://www.saj.usace.army.mil/Missions/Civil-Works/Shore-Protection/Pinellas-County>



FY 18 BUDGET

- **\$8,290,000 O&M**
- **\$ Work Plan (additional funds)**
 - Tampa Harbor O&M
 - Manatee Harbor O&M
- **FY19 Presidents Budget planned to be released any day**



MANATEE HARBOR

RSM Implementation Report

- Not a full DMMP
- Completion by end of Feb
- Planning level effort evaluating BU options to maintain DMMA capacity
- Includes costs and benefits over time
- Future coordination needed:
 - sediment suitability
 - construction methods

Alternative	Location of Beneficial Use
Continue/improve active management	NA
Offloading	Washington Park
Fill dredge holes	Multiple locations
Nearshore placement	Egmont Key

