Southeast Volusia Coastal Projects Update

Public Works Department
Coastal Division

August 15, 2016
2016 Dune Walkover Re-Decking Program

Completed Dune Walkovers South End

- 8th Ave. New Smyrna Beach*
- 12th Avenue, New Smyrna Beach
- Grouper Avenue, New Smyrna Beach
- Mullet Avenue, New Smyrna Beach
- Trout Avenue, New Smyrna Beach
NS-123 8th Avenue, New Smyrna Beach

June 2016

- Material: $7,500
- Labor: $18,719
- Total: $26,219
- Length: 147ft
- Removed & Replaced
  - Support posts
  - Handrails
  - Decking
  - Stairs
  - Hardware
- Installation of composite top cap
- Walkover is ADA compliant
- *Labor Performed By Contractor
NS-127 12th Avenue, New Smyrna Beach

March & April 2016

- Material: $2,700
- Length: 37 ft
- Removed & Replaced:
  - Decking
  - Handrails
  - Stairs
  - Hardware
- Installation of 2” x 8” composite top cap
SC-151 Grouper Ave, New Smyrna Beach

May 2016

- Material: $1,500
- Length: 42 ft
- Removed & Replaced
  - Handrail
  - Decking
  - Hardware
- Installation of composite top cap
SC-153 Mullet Ave, New Smyrna Beach

May 2016

- Material: $2,400
- Length: 48 ft
- Removed & Replaced
  - Handrail
  - Decking
  - Hardware
- Installation of composite top cap
SC-157 Trout Ave, New Smyrna Beach

May 2016

- Material: $3,200
- Length: 71 ft
- Removed & Replaced
  - Handrail
  - Decking
  - Hardware
- Installation of composite top cap
Ponce de Leon Inlet
Markers relocated May 2016
Smyrna Dunes Park Fishing Pier

Fishing Pier
Smyrna Dunes Park
New Smyrna Beach

Key to Features
- Fishing Pier
- Park Boundary

Not to scale

File: C:\Projects\15.006\FINDGrant.mxd
Date: 6/18/15
Wilbur Boat House Fishing Pier

Project Elements

- ADA accessible
- Multiple benches
- 350’ long and 10’ wide
- Concrete piling supports
- Composite (recycled plastic) decking and handrail
- Two (2) Shade Structures with Benches
- Fishing Depth—approximately 15ft.
**Project Timeline**

Funding authorization – April 2016
Eng./design & permitting – April 2016

Construction NTP – September 2016
Project completion – March 2017

**Project Funding**

Inlet & Port District
Florida Boating Improvement
Florida Inland Navigation District (FIND)
Smyrna Dunes Park

Boardwalk Improvements

- Boardwalk renovation / widening
- Composite (recycled plastic) decking and handrail
- ADA accessibility
  - Boardwalk
  - Fishing pier
  - Ocean beaches
- Pedestrian access maintained during construction
Federal & State Interagency Coordination

**Federal Agencies**
- Bureau of Land Management
- U.S. Fish & Wildlife Service
- U.S. Army Corps of Engineers
- U.S. Coast Guard

**State Agencies**
- Department of Environmental Protection
- Division of State Lands

**Timeline**
- Interagency kickoff meeting – April 11, 2016
- DRAFT biological assessment – May 2016
- Section 7 consultation complete – August 2016
Smyrna Dunes Park

Environmentally Sensitive Habitat

Southeastern Beach Mouse protection
Top-down construction in sensitive areas
Advance burrow surveys during construction
Exclusion fencing around construction areas
Daytime only operations
No vehicles in sensitive habitat areas

Sea Turtle protection
Daytime only construction operations
No on-beach construction during nesting season

Gopher Tortoise protection
Exclusion fencing around construction areas
Advance burrow surveys during construction
Relocation of animals only if unavoidable
Project timeline - Boardwalk Improvements

- Conceptual site planning initiated – Dec 2015
- DEP & USACE – ERP application – April 2016
- CCCL permit application submitted – May 2016
- Solicit Design / Build team – August 2016
- Construction NTP – Jan. 2017
- Project completion – August 2018

Total Estimated Cost: $5,400,000
*ECHO and Inlet & Port District Funded*
Project Notes:

**Acquired:** December 2014

**Features:** Restroom, shower, bike rack, perimeter landscaping, four (4) additional handicapped parking spaces, approx. 75 space overflow lot, W and N boundary fencing

**Funding:**

ECHO

Beach Capital

**Const. Schedule:** Bid - Winter 2016-17

Award – Spring/Summer 2017

Complete – Spring 2018

**Status:** Design 75% complete
Nearshore Artificial Reef System

Project Notes:

Four (4) reef deployments planned in August 2016

Coordinates:  [www.volusia.org/reefs](http://www.volusia.org/reefs)

Flagler Avenue reef construction area

2.5 miles

Ponce de Leon Inlet

2.5 miles
Derelict Vessel Removal

Sailboat at Marker 57 - Edgewater

Sponson Race Boat at Shotgun Creek – Oak Hill

Abandoned Vessels along River Road
Oak Hill and North Causeway NSB
Questions