

RESOLUTION NO. 2015- 332

**A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS AND AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO SUBMIT A LONG RANGE BEACH EROSION CONTROL BUDGET PLAN WITH THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF BEACHES AND COASTAL SYSTEMS.**

**WHEREAS**, St. Johns County is currently working with the Army Corps of Engineers and the State Department of Environmental Protection on the St. Augustine Beach erosion control monitoring and maintenance of the constructed project and design of the next nourishment for the portion of beaches between ACOE markers R-137 and R-151; and,

**WHEREAS**, the Army Corps of Engineers (ACOE) is expected to appropriate funds for this project in the next fiscal year; and,

**WHEREAS**, St. Johns County also anticipates sharing costs with the State of Florida under a State DEP Beaches and Coastal Systems grant; and,

**WHEREAS**, the State Department of Environmental Protection has begun a new grant cycle which will require submitting an annual application along with a ten-year budget plan; and,

**WHEREAS**, St. Johns County will continue to provide local cost share funding from the Category III Tourist Development Tax Budget, and

**WHEREAS**, St. Johns County will continue to serve as the local sponsor; and,

**WHEREAS**, the Florida Department of Environmental Protection Bureau of Beaches and Coastal Systems requires an annual contract for its local share, contingent upon annual appropriations by the legislature.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AS FOLLOWS:**

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as findings of fact.

Section 2. A suggested 10-year budget plan for funding the State's portion of a beach nourishment project for the St. Augustine Beaches project shall be filed with the Florida Department of Environmental Protection, Bureau of Beaches and Coastal Systems (the "Department").

Section 3. The County Administrator, or designee, is hereby authorized to submit a proposed 10-year State budget plan to the Department and to execute any necessary agreements concerning the beach projects with the Department; and,

Section 4. The County Administrator's, or designee's, submission of any budget plan is subject to, and contingent upon, an annual budget appropriation by the Board of County Commissioners.

Section 5. To the extent that there are typographical and/or administrative errors and/or omissions that do not change the tone, tenor, or content of this Resolution, then this Resolution may be revised without subsequent approval of the Board of County Commissioners.

**PASSED AND ADOPTED** by the Board of County Commissioners of St. Johns County, State of Florida, this 3 day of November 2015.

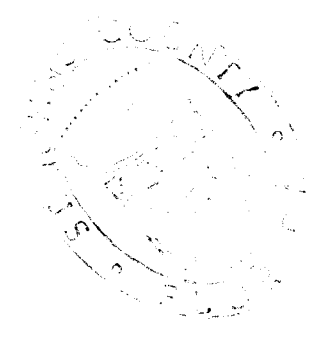
**BOARD OF COUNTY COMMISSIONERS  
OF ST. JOHNS COUNTY, FLORIDA**

By:  \_\_\_\_\_  
Priscilla L. Bennett, Chair

**ATTEST:** HUNTER S. CONRAD, CLERK

By:  \_\_\_\_\_  
Deputy Clerk

RENDITION DATE 11/5/15



**FY 2016/17 Local Government Funding Request  
Beach and Inlet Management Project Supplemental**

**Project Name (Same as previous phase):** St. Johns County Shore Protection Program; St. Johns County R-137 through R-151

**Project Description: (Should be consistent year to year with annual updates. Include county, location with reference to range monuments, brief project history, and upcoming activities.):** The project consists of a multi-year federal commitment to design, construct and monitor beach restoration of the severely eroded beaches of Anastasia State Park and St. Augustine Beach. The scope focuses on the FDEP-designated critical erosion areas between R137 and R151 at the center of the County and just South of the St Augustine Inlet. The project is part of a 50-year commitment to the US Army Corps of Engineers to nourish this segment of beach. The third phase of sand placement is complete (constructed 2012) and third year monitoring is underway for the St. Johns Shore Protection Project.

The initial nourishment (referred to as the 2003 project) of the St. Johns County SPP, completed in January 2003, extended 2.9 mi from approximately 600 feet (ft) north of FDEP monument R-137A (2.7 mi south of St. Augustine Inlet in Anastasia State Park) south to approximately 600 ft south of FDEP monument R-151 in the City of St. Augustine Beach in St. Johns County, Florida (Figure 2.1). The state of Florida, piggybacking the federal nourishment project, extended the beach nourishment project approximately 0.9 mi north into Anastasia State Park to FDEP monument T-132.

The 2003 project construction occurred as follows. The initial nourishment of the St. Johns County SPP began in 2001 before funding difficulties interrupted construction. Between September and October 2001, the USACE placed sand approximately 1.1 mi from R-145 south to R-151 on St. Augustine Beach. Project construction resumed in April 2002 and finished in January 2003. The project extended from the state portion's northern limit at T-132 to the federal portion's southern limit at R-151. In all, the 2003 project placed approximately 4.2 million cubic yards (Mcy).

The first nourishment (referred to as the 2005 project) extended approximately 2.9 mi from Monuments R-137A to R-151. The 2004 hurricane season resulted in the need to nourish the project before the anticipated nourishment interval. Congress appropriated emergency funds in response to the storms. Taylor Engineering applied for and received from the FDEP a one year extension to the existing five year, 2003 FDEP permit. Construction began in June and concluded in December 2005 with placement of 2.8 Mcy.

The second nourishment (referred to as the 2012 project) extended approximately 1.5 mi from monument R-139 to R-147. An agreement between the USACE and dissenting property owners limited the permitted beach fill volume to approximately 2.1 Mcy; this volume limitation inhibited construction of the full 2.8-mile permitted project. Project construction occurred from February – September 2012.

The three projects combined have placed approximately 9.1 Mcy on St. Augustine beach. All projects used a portion of the St. Augustine Inlet ebb shoal and navigation channel as the borrow area. However, the updated Inlet Management Plan limits the quantity of sand that can be dredged from the inlet borrow areas and, thus, requires that an offshore borrow area be identified, designed, and permitted for the next nourishment project planned for 2018. The USACE has been

conducting the sand source investigation and will conduct the borrow area design and permitting efforts. USACE plans to conduct the next nourishment project during FY2016.

**Use of Requested Program Funds:** Funds requested for FY2016/17 will support construction of the next nourishment project as well as post-construction physical monitoring.

**Local Government Contact:**

Name	Title	Email
H.P. Tompkins, Jr.	County Engineer	htompkins@sjcfl.us
<b>Address 1:</b>	2740 Industry Center Road	<b>Phone: 904-209-0113</b>
<b>Address 2:</b>	St Augustine, FL 32084	<b>Fax: 904-209-0118</b>

**Schedule and Budget:**

(Include estimated phases for 10 years and estimated project costs for 5 years.)

Year	Proposed Method	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
2016/ 2017	Monitoring	Post-construction Physical monitoring	\$200,000	0	\$87,120	\$112,880
	Construction	Nourishment	\$18,000,000	\$14,490,000	\$1,755,000	\$1,755,000
2017/ 2018	Monitoring	Year 1 Physical monitoring	\$200,000	\$0	\$87,120	\$112,880
2018/ 2019	Monitoring	Year 2 Physical monitoring	\$200,000	\$0	\$87,120	\$112,880
2019/ 2020	Monitoring	Year 3 Physical monitoring	\$200,000	\$0	\$87,120	\$112,880
2020/ 2021	Design and Permitting	New JCP	\$200,000	\$0	\$87,120	\$112,880
2021/ 2022	Monitoring	Year 5 Physical monitoring				
2022/ 2023	Construction	Nourishment				
2023/ 2024	Monitoring	Physical monitoring				
2024/ 2025	Monitoring	Physical monitoring				
2025/ 2026	Monitoring	Physical monitoring				