

Meeting Date
July 26, 2016



AGENDA	
Section	Consent
Item No.	II.A.2

AGENDA REPORT
 BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

SUBJECT:	Brevard County Shore Protection Project: Resolution, Long Range Budget and State Cost-Share Request Fiscal Impact: Up to \$292,500 in Tourist Development Tax (TDT) match for up to \$292,500 in State funds
DEPT/OFFICE:	Natural Resources Management Department (NRM)

Requested Action:

It is requested that the Board of County Commissioners: 1) approve a resolution supporting the Brevard County Shore Protection Project; 2) request State grant cost-share funding, matched by local option tourist tax that is dedicated to the Beach Improvement Fund for shore protection projects; 3) authorize the County Manager or designee to execute contracts and task orders to secure grant funds and accomplish work approved under grants; and 4) authorize necessary budget change requests.

Summary Explanation & Background:

In order to assist local governments with the non-federal costs of restoring Florida's critically eroded beaches, the State Legislature provides matching grants to local governments. The Florida Department of Environmental Protection (FDEP) ranks local government requests by using criteria adopted by the Florida Legislature.

On June 1st, the State released a call for submittals for Beach Management Funding Assistance Program for FY17-18 within the FDEP Long Range Budget Plan (LRBP). To apply for the funds, local governments must submit the following documents to the FDEP by August 1, 2016: a supporting resolution, a 5-year LRBP and a 10-year Estimated Project Schedule. Project specific information will be compared by the FDEP to legislated criteria to determine Brevard County's rank and cost-share for receiving State matching funds in State FY17-18. The attached LRBP request is an update of the FY16-17 LRBP request approved by the Board of County Commissioners on July 21, 2015.

Projects included in the State FY17-18 funding request include required monitoring and maintenance for the Mid Reach of the Federal Shore Protection Project. Estimated costs for these activities total \$585,000 including \$292,500 State and \$292,500 local funds. The required local match is committed in Tourist Development Council's Dedicated Beach Improvement Fund. If Brevard's projects receive beach funds allocated by the Legislature for State FY17-18, FDEP grant agreements will be executed to secure funding.

According to an economic study completed by Dr. William Stronge at Florida Atlantic University in 2013, each \$1 invested by the State on beach restoration is responsible for generating \$48.60 in revenues.

Fiscal Impact: FY 15-16 No fiscal impact
FY 16-17 Fund 1442/293100 up to \$292,500 in local match
To secure up to \$ 292,500 in State grants

Name: Virginia Barker, or Mike McGarry, NRM – 633-2016

Clerk to the Board instruction: Three (3) copies of signed resolution – one (1) copy for Clerk of Court and two (2) copies for NRM.

Exhibits Attached: **Attachment A:** Brevard County Long Range Budget Request and Estimated Project Schedule
Attachment B: Resolution supporting the Brevard County Shore Protection Project and requesting State cost-share funding.

Contract /Agreement (If attached): Reviewed by County Attorney Yes No PR

County Manager Stockton Whitten	Assistant County Manager	Department Director / Extension Virginia Barker, X52435
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July 27, 2016

MEMORANDUM

TO: Virginia Barker, Natural Resources Management Office Director

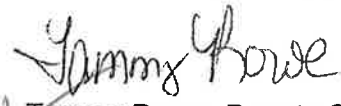
RE: Item II.A.2., Resolution, Long-Range Budget, and State Cost-Share Request for Brevard County Shore Protection Project

The Board of County Commissioners, in regular session on July 26, 2016, adopted Resolution No. 16-110, supporting the Brevard County Shore Protection Project; requested State grant cost-share funding, match by local option tourist tax that is dedicated to the Beach Improvement Fund for shore protection projects; authorized the County Manager, or his designee, to execute contracts and task orders to secure grant funds and accomplish work approved under grants; and authorized necessary budget change requests. Enclosed are two fully-executed Resolutions.

Your continued cooperation is greatly appreciated.

Sincerely yours,

BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK


Tammy Rowe, Deputy Clerk

/cm

Encls. (2)

cc: Contracts Administration
Finance
Budget

RESOLUTION NO. 2016 - 110

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA, SUPPORTING THE BREVARD COUNTY SHORE PROTECTION PROJECT AND REQUESTING STATE COST-SHARE FUNDING AS A MATCH FOR DEDICATED LOCAL FUNDS.

WHEREAS, a healthy beach and dune profile provides the best protection for upland properties and infrastructure during a severe storm event, provides sandy beaches for public recreation, and provides dry beaches and dunes for marine turtle nesting; and

WHEREAS, a 36.5-mile segment of Brevard County's shoreline, running south from Canaveral Inlet, has been identified by the Florida Department of Environmental Protection, Office of Beaches and Coastal Systems as a Critical Erosion Area pursuant to Florida Statutes Sections 161.101 and 161.161; and

WHEREAS, Brevard County, acting as local sponsor in a 50-year contract with the U.S. Army Corps of Engineers, has placed beach quality sand along 9.5 miles of shoreline immediately south of Canaveral Inlet and 3.8 miles along the towns of Indialantic and Melbourne Beach, and has agreed to monitor and maintain both of these beaches located within the State's designated Critical Erosion Area; and

WHEREAS, Brevard County is also pursuing a beach and/or dune restoration project along the Mid Reach portion of the Critical Erosion Area, a project recently determined to be both economically and environmentally feasible by the Army Corps of Engineers, and

WHEREAS, Brevard County is required to monitor the physical performance of the restored beach and marine turtle nesting success for at least three years subsequent to any nourishment activity; and

WHEREAS, Brevard County is in full support of the Florida Department of Environmental Protection's Beach Management Funding Assistance Program and Long-Range Budget Planning Process, and has the ability to provide necessary local match; and

WHEREAS, Brevard County is desirous of cost-sharing with the State of Florida for the non-federal costs of restoring our beaches and monitoring their performance, and has committed to the Army Corps of Engineers our ability to fund the local matching share of project costs for the duration of the 50-year contract;

NOW, THEREFORE, BE IT RESOLVED that the Brevard County Board of County Commissioners request state cost sharing as detailed in the County's Long-Range Budget Plan submitted to the Beach Erosion Control Program administered by the Florida Department of Environmental Protection's Florida Beach Management Funding Assistance Program.

DONE, ORDERED AND ADOPTED in Regular Session this 26th day of July, 2016.

ATTEST:

BOARD OF COUNTY COMMISSIONERS
OF BREVARD COUNTY, FLORIDA





Scott Ellis, Clerk

BY:



Jim Barfield, Chair

As adopted by the Board of County
Commissioners on July 26, 2016

(SEAL)

Attachment A

Brevard County Long Range Budget Shore Protection Request Plan

FY 2017-18						
Estimated Project Costs						
Task#	Task	Item	Total	Federal	State	Local
4	Monitoring	Mid Reach Environmental, Physical, Bathymetric	\$585,000		\$292,500	\$292,500
		Total	\$585,000	\$0	\$292,500	\$292,500
FY 2018-19						
Estimated Project Costs						
Task#	Task	Item	Total	Federal	State	Local
3	Construction	South Reach Nourishment	\$12,000,000	\$6,720,000	\$2,467,872	\$2,812,128
3	Construction	North Reach Nourishment	\$15,000,000	\$15,000,000		
3	Construction	N & S Reaches QA/QC	\$110,000		\$51,414	\$58,586
4	Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
4	Monitoring	N&S Reach	\$250,000		\$119,100	\$130,900
		Total	\$27,960,000	\$21,720,000	\$2,938,386	\$3,301,614
FY 2019-20						
Estimated Project Costs						
Task#	Task	Item	Total	Federal	State	Local
3	Construction	Mid Reach Truckhaul	\$11,000,000	\$4,862,000	\$3,069,000	\$3,069,000
3	Construction	Mid Reach QA/QC Construction Oversight	\$100,000		\$50,000	\$50,000
4	Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
4	Monitoring	N&S Reach	\$250,000		\$119,100	\$130,900
		Total	\$11,950,000	\$4,862,000	\$3,538,100	\$3,549,900
FY 2020-21						
Estimated Project Costs						
Task#	Task	Item	Total	Federal	State	Local
3	Construction	N&S Tilling	\$127,500		\$59,594	\$67,907
3	Construction	Mid-Reach Tilling	\$100,000		\$50,000	\$50,000
4	Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
4	Monitoring	N&S Reach	\$250,000		\$119,100	\$130,900
		Total	\$1,077,500	\$0	\$528,694	\$548,807
FY 2021-22						
Estimated Project Costs						
Task#	Task	Item	Total	Federal	State	Local
4	Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
4	Monitoring	N&S Reach	\$250,000		\$119,100	\$130,900

Estimated Project Schedule (6-10 years out)**FY 2022-23**

Task#	Task	Item
3	Construction	Mid Reach
4	Monitoring	Mid Reach

FY 2023-24

Task#	Task	Item
4	Monitoring	Mid Reach
4	Monitoring	N&S Reach

FY 2024-25

Task#	Task	Item
3	Construction	N&S Reach
4	Monitoring	Mid Reach
4	Monitoring	N&S Reach

FY 2025-26

Task#	Task	Item
3	Construction	MidReach
4	Monitoring	Mid Reach
4	Monitoring	N&S Reach

FY 2026-27

Task#	Task	Item
4	Monitoring	Mid Reach
4	Monitoring	N&S Reach