



Agenda Report

2725 Judge Fran Jamieson
Way
Viera, FL 32940

Consent

F.5.

7/25/2023

Subject:

Brevard County Shore Protection Projects: Resolution and State Cost-Share Request

Fiscal Impact:

Up to \$2,172,600 in Tourist Development Tax (TDT) match for up to \$1,167,400 in State funds

Dept/Office:

Natural Resources Management Department

Requested Action:

It is requested that the Board of County Commissioners: 1) approve a resolution supporting the Brevard County Shore Protection Projects; 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, with County Attorney, Risk Management and Purchasing Services approval, to advertise and award projects, execute contracts, amendments and task or change orders, as required and in excess of \$200,000, to secure state grant funds and accomplish work under state grants; and 4) authorize necessary budget change requests.

Summary Explanation and Background:

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 Funding Requests by using criteria adopted by the Florida Legislature.

On June 1, 2023, the State released a call for submittals for the Beach Management Funding Assistance Program for FY24-25. To apply for the funds, a Local Government Funding Request must be accompanied by a supporting resolution. The Funding Request must be submitted by July 31, 2023. 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 FY24-25. The Board of County Commissioners last approved a similar funding plan and Resolution on July 19, 2022.

Projects listed in the attached State FY24-25 Funding Request Table include required monitoring of the South Beaches engineered dune project and the North, Mid and South Reaches of the Federal Shore Protection Project and construction funding for future maintenance of the South Beaches project. State and federal construction funding for the upcoming 23-25 renourishment of the Mid Reach project has already been secured. Estimated costs for these activities to potentially be cost-shared through the FY24-25 request total \$3,340,000 including \$1,167,400 State and \$2,172,600 local funds. The required local match is committed in Tourist Development Office Dedicated Beach Improvement Fund. These projects are identified in the long-

range funding plan. The attached table also includes future (beyond FY24-25) project cost estimates as required by the State for future planning purposes, but these future funds are not being requested at this time. If Brevard's projects receive beach funds allocated by the Legislature for State FY24-25, FDEP grant agreements will be executed to secure funding.

According to a 2015 study completed by the Florida Department of Economic and Demographic Research, each \$1 invested by the State for beach restoration generates a positive return on investment of 5.4.

Clerk to the Board Instructions:

Please contact Mike McGarry (Mike.McGarry@brevardFL.gov <mailto:Mike.McGarry@brevardFL.gov> 321-537-1779) or Leslie Snyder (Leslie.Snyder@brevardFL.gov <mailto:Leslie.Snyder@brevardFL.gov> 321-609-7333) to pick up the signed and attested resolution.



Kimberly Powell, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972
Kimberly.Powell@brevardclerk.us

July 26, 2023

MEMORANDUM

TO: Virginia Barker, Natural Resources Management Director

RE: Item F.5., Brevard County Shore Protection Projects: Resolution and State Cost-Share Request

The Board of County Commissioners, in regular session on July 25, 2023, adopted Resolution No. 23-064, supporting the Brevard County Shore Protection Projects; authorized State grant cost-share funding, matched by local option Tourist Tax that is dedicated to the Beach Improvement Fund for shore protection projects; authorized the County Manager, or his designee, with County Attorney, Risk Management, and Purchasing Services approval, to advertise and award projects, execute contracts, amendments, and task or change orders, as required and in excess of \$200,000, to secure State grant funds and accomplish work under State grants; and authorized necessary Budget Change Requests. Enclosed is the fully-executed Resolution.

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
RACHEL M. SADOFF, CLERK


Kimberly Powell, Clerk to the Board

Encl. (1)

cc: Purchasing Services
Risk Management
County Manager
County Attorney
Finance
Budget

RESOLUTION NO. 2023 - 064

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS, BREVARD COUNTY, FLORIDA, SUPPORTING BREVARD COUNTY SHORE PROTECTION PROJECTS 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 for the North and South Reaches, 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, acting as local sponsor in a separate 50-year contract with the U.S. Army Corps of Engineers, has placed beach quality sand along 7.8 miles of shoreline immediately south of Patrick Space Force Base in the Mid Reach portion of the Critical Erosion Area, and has agreed to serve as the local sponsor to monitor and maintain this beach; and

WHEREAS, since 2005 Brevard County has accomplished shore protection on the South Beaches shoreline with an engineered dune/beach project and maintained the project with state and federal funding partners; and

WHEREAS, Brevard County is required to monitor the physical performance of the restored beaches, the health and exposure of nearshore rock reefs and mitigation structures in the Mid Reach project area, 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

Local Government Funding Request process; and is committed 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 contracts;

NOW, THEREFORE, BE IT RESOLVED that the Brevard County Board of County Commissioners request state cost sharing as detailed in the County's Local Government Funding Request submitted to the Beach Management Funding Assistance Program administered by the Florida Department of Environmental Protection's Office of Resilience and Coastal Protection.

DONE, ORDERED AND ADOPTED in Regular Session this 25th day of July 2023.

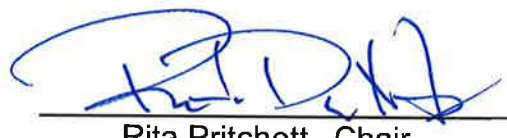
ATTEST:

BOARD OF COUNTY COMMISSIONERS
OF BREVARD COUNTY, FLORIDA



Rachel Sadoff, Clerk

BY:



Rita Pritchett, Chair

As adopted by the Board of County
Commissioners on July 25, 2023

(SEAL)

Brevard County Local Government FDEP Funding Request Table FY2024-25					
FY 2024-25		Estimated Project Costs			
<u>Task</u>	<u>Item</u>	<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>
Construction	South Beaches	\$2,200,000		\$653,400	\$1,546,600
Monitoring	Mid Reach	\$400,000		\$200,000	\$200,000
Monitoring	N&S Reach	\$440,000		\$220,000	\$220,000
Monitoring	South Beaches	\$300,000		\$94,000	\$206,000
	Total	\$3,340,000	\$0	\$1,167,400	\$2,172,600
Future expense estimates (below) required by FDEP but not part of the current 2024-25 funding request					
FY 2025-26		Estimated Project Costs			
<u>Task</u>	<u>Item</u>	<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>
Monitoring	Mid Reach	\$500,000		\$250,000	\$250,000
Monitoring	N&S Reach	\$440,000		\$220,000	\$220,000
Monitoring	South Beaches	\$300,000		\$94,000	\$206,000
	Total	\$1,240,000	\$0	\$564,000	\$676,000
FY 2026-27		Estimated Project Costs			
<u>Task</u>	<u>Item</u>	<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>
Construction	Mid Reach	\$28,000,000	\$13,860,000	\$7,070,000	\$7,070,000
Construction	South Reach	\$18,000,000	\$9,000,000	\$4,500,000	\$4,500,000
Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
Monitoring	N&S Reach	\$500,000		\$250,000	\$250,000
Monitoring	South Beaches	\$300,000		\$94,000	\$206,000
	Total	\$47,400,000	\$22,860,000	\$12,214,000	\$12,326,000
FY 2027-28		Estimated Project Costs			
<u>Task</u>	<u>Item</u>	<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>
Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
Monitoring	N&S Reach	\$500,000		\$250,000	\$250,000
Monitoring	South Beaches	\$300,000		\$94,000	\$206,000
	Total	\$1,400,000	\$0	\$644,000	\$756,000
FY 2028-29		Estimated Project Costs			
<u>Task</u>	<u>Item</u>	<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>
Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
Monitoring	N&S Reach	\$500,000		\$250,000	\$250,000
Monitoring	South Beaches	\$300,000		\$94,000	\$206,000
	Total	\$1,400,000	\$0	\$644,000	\$756,000
FY 2029-30		Estimated Project Costs			
<u>Task</u>	<u>Item</u>	<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>
Construction	Mid Reach	\$30,000,000	\$14,850,000	\$7,575,000	\$7,575,000
Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
Monitoring	N&S Reach	\$500,000		\$250,000	\$250,000
Monitoring	South Beaches	\$300,000		\$94,000	\$206,000
	Total	\$31,400,000	\$14,850,000	\$8,219,000	\$8,331,000