



# Agenda Report

2725 Judge Fran Jamieson  
Way  
Viera, FL 32940

## Consent

F.1.

7/19/2022

### Subject:

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

### Fiscal Impact:

Up to \$4,520,000 in Tourist Development Tax (TDT) match in FY23-24 for up to \$2,320,000 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 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, 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 \$100,000, to secure state grant funds and accomplish work under state grants; and 4) authorize necessary budget change requests.

### Summary Explanation and 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 Funding Requests by using criteria adopted by the Florida Legislature.

On June 1st, the State released a call for submittals for the Beach Management Funding Assistance Program for FY22-23. 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, 2022. 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 FY23-24. The Board of County Commissioners last approved a similar 5-year funding plan and Resolution on August 24, 2021.

Projects included in the attached State FY23-24 Funding Request Table include required monitoring of the North, Mid and South Reaches of the Federal Shore Protection Project and construction funding for the South Beaches project. State and federal construction funding for the FY23-24 renourishment of the Mid Reach project was secured last year. Estimated costs for these activities to potentially be cost-shared through the FY23-24 request total \$6,840,000 including \$2,320,000 State and \$4,520,000 local funds. The required local

match is committed in the Tourist Development Office Dedicated Beach Improvement Fund, and these projects are identified in the long-range funding plan. The attached table also includes future (beyond FY23-24) 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 FY23-24, 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 on beach restoration generates a positive return on investment (ROI) of 5.4.

**Clerk to the Board Instructions:**

Three (3) copies of signed resolution - one (1) copy for Clerk of Court and two (2) copies for NRM.

**BREVARD COUNTY  
BOARD OF COUNTY COMMISSIONERS**

**CONTRACT REVIEW AND APPROVAL FORM**

**SECTION I - GENERAL INFORMATION**

<b>1. Contractor:</b>		<b>2. Amount:</b>	
<b>3. Fund/Account #:</b>		<b>4. Department Name: Natural Resources</b>	
<b>5. Contract Description:</b> Resolution of Support Brevard County Shore Protection Projects and Requesting State Funding Match			
<b>6. Contract Monitor: Mike McGarry</b>		<b>8. Contract Type:</b>	
<b>7. Dept/Office Director: Virginia Barker</b>		Select from pulldown:	
<b>9. Type of Procurement:</b> Other			

**SECTION II - REVIEW AND APPROVAL TO ADVERTISE**

<u>COUNTY OFFICE</u>	<u>APPROVAL</u>		<u>SIGNATURE</u>
	<u>YES</u>	<u>NO</u>	
User Agency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Purchasing	<input type="checkbox"/>	<input type="checkbox"/>	_____
Risk Management	<input type="checkbox"/>	<input type="checkbox"/>	_____
County Attorney	<input type="checkbox"/>	<input type="checkbox"/>	_____

**SECTION III - REVIEW AND APPROVAL TO EXECUTE**

<u>COUNTY OFFICE</u>	<u>APPROVAL</u>		<u>SIGNATURE</u>
	<u>YES</u>	<u>NO</u>	
User Agency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mcgarry, Mike <small>Digitally signed by Mcgarry, Mike Date: 2022.07.09 10:10:00 -04'00'</small>
Purchasing	<input type="checkbox"/>	<input type="checkbox"/>	_____
Risk Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wilson, Shannon <small>Digitally signed by Wilson, Shannon Date: 2022.07.11 08:31:07 -04'00'</small>
County Attorney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Schverak, Christine <small>Digitally signed by Schverak, Christine DN: cn=Schverak, Christine, email=Christine.Schverak@brevard.gov Date: 2022.07.11 08:31:07 -04'00'</small>

**SECTION IV - CONTRACTS MANAGEMENT DATABASE CHECKLIST**

<b>CM DATABASE REQUIRED FIELDS</b>	<b>Complete</b> ✓
Department Information	<input type="checkbox"/>
Department	<input type="checkbox"/>
Program	<input type="checkbox"/>
Contact Name	<input type="checkbox"/>
Cost Center, Fund, and G/L Account	<input type="checkbox"/>
Vendor Information (SAP Vendor #)	<input type="checkbox"/>
Contract Status, Title, Type, and Amount	<input type="checkbox"/>
Storage Location (SAP)	<input type="checkbox"/>
Contract Approval Date, Effective Date, and Expiration Date	<input type="checkbox"/>
Contract Absolute End Date (No Additional Renewals/Extensions)	<input type="checkbox"/>
Material Group	<input type="checkbox"/>
Contract Documents Uploaded in CM database (Contract Form with County Attorney/ Risk Management/ Purchasing Approval; Signed/Executed Contract)	<input type="checkbox"/>
"Right To Audit" Clause Included in Contract	<input type="checkbox"/>
Monitored items: Uploaded to database (Insurance, Bonds, etc.)	<input type="checkbox"/>

**BREVARD COUNTY  
BOARD OF COUNTY COMMISSIONERS**

**CONTRACT REVIEW AND APPROVAL FORM**

**SECTION I - GENERAL INFORMATION**

<b>1. Contractor:</b>		<b>2. Amount:</b>	
<b>3. Fund/Account #:</b>		<b>4. Department Name: Natural Resources</b>	
<b>5. Contract Description:</b> Resolution of Support Brevard County Shore Protection Projects and Requesting State Funding Match			
<b>6. Contract Monitor:</b> Mike McGarry		<b>8. Contract Type:</b>	
<b>7. Dept/Office Director:</b> Virginia Barker		Select from pulldown:	
<b>9. Type of Procurement:</b> Other			

**SECTION II - REVIEW AND APPROVAL TO ADVERTISE**

<u>COUNTY OFFICE</u>	<u>APPROVAL</u>		<u>SIGNATURE</u>
	<u>YES</u>	<u>NO</u>	
User Agency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Purchasing	<input type="checkbox"/>	<input type="checkbox"/>	_____
Risk Management	<input type="checkbox"/>	<input type="checkbox"/>	_____
County Attorney	<input type="checkbox"/>	<input type="checkbox"/>	_____

**SECTION III - REVIEW AND APPROVAL TO EXECUTE**

<u>COUNTY OFFICE</u>	<u>APPROVAL</u>		<u>SIGNATURE</u>
	<u>YES</u>	<u>NO</u>	
User Agency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mcgarry, Mike <small>Digitally signed by Mcgarry, Mike Date: 2022.07.09 10:10:00 -04'00'</small>
Purchasing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wall, Katherine <small>Digitally signed by Wall, Katherine Date: 2022.07.09 11:01:40 -04'00'</small>
Risk Management	<input type="checkbox"/>	<input type="checkbox"/>	_____
County Attorney	<input type="checkbox"/>	<input type="checkbox"/>	_____

**SECTION IV - CONTRACTS MANAGEMENT DATABASE CHECKLIST**

<u>CM DATABASE REQUIRED FIELDS</u>	<u>Complete</u> ✓
Department Information	<input type="checkbox"/>
Department	<input type="checkbox"/>
Program	<input type="checkbox"/>
Contact Name	<input type="checkbox"/>
Cost Center, Fund, and G/L Account	<input type="checkbox"/>
Vendor Information (SAP Vendor #)	<input type="checkbox"/>
Contract Status, Title, Type, and Amount	<input type="checkbox"/>
Storage Location (SAP)	<input type="checkbox"/>
Contract Approval Date, Effective Date, and Expiration Date	<input type="checkbox"/>
Contract Absolute End Date (No Additional Renewals/Extensions)	<input type="checkbox"/>
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Contract Documents Uploaded in CM database (Contract Form with County Attorney/ Risk Management/ Purchasing Approval; Signed/Executed Contract)	<input type="checkbox"/>
"Right To Audit" Clause Included in Contract	<input type="checkbox"/>
Monitored items: Uploaded to database (Insurance, Bonds, etc.)	<input type="checkbox"/>



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 20, 2022

**M E M O R A N D U M**

**TO:** Virginia Barker, Natural Resources Management Director


**RE:** Item F.1., Brevard County Shore Protection Beach Projects for Resolution and State Cost-Share Request

The Board of County Commissioners, in regular session on July 19, 2022, adopted Resolution No. 22-066, supporting the Brevard County Shore Protection Project; approved 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, 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 \$100,000, to secure State grant funds and accomplish work under State grants; and authorized necessary Budget Change Requests. Enclosed are two fully-executed Resolutions.

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS  
RACHEL M. SADOFF, CLERK

  
Kimberly Powell, Clerk to the Board

/pp

Encls. (2)

cc: Chief of Staff District 2  
Each Commissioner  
County Manager  
Finance  
Budget

## RESOLUTION NO. 2022 - 066

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 19<sup>th</sup> day of July 2022.

ATTEST:

BOARD OF COUNTY COMMISSIONERS  
OF BREVARD COUNTY, FLORIDA



Rachel Sadoff, Clerk

BY:   
Kristine Zonka, Chair

As adopted by the Board of County Commissioners on July 19, 2022

(SEAL)

<b>Brevard County Local Government FDEP Funding Request Table FY2023-24</b>					
<b>FY 2023-24</b>		<b>Estimated Project Costs</b>			
<u>Task</u>	<u>Item</u>	<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>
Construction	South Beaches	\$5,800,000		\$1,800,000	\$4,000,000
Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
Monitoring	N&S Reach	\$440,000		\$220,000	\$220,000
	<b>Total</b>	<b>\$6,840,000</b>	<b>\$0</b>	<b>\$2,320,000</b>	<b>\$4,520,000</b>
<b>Future expense estimates (below) required by FDEP but not part of the current 2023-24 funding request</b>					
<b>FY 2024-25</b>		<b>Estimated Project Costs</b>			
<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	\$440,000		\$220,000	\$220,000
Monitoring	South Beaches	\$300,000		\$94,000	\$206,000
	<b>Total</b>	<b>\$1,340,000</b>	<b>\$0</b>	<b>\$614,000</b>	<b>\$726,000</b>
<b>FY 2025-26</b>		<b>Estimated Project Costs</b>			
<u>Task</u>	<u>Item</u>	<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>
Construction	South Reach	\$16,000,000	\$9,000,000	\$3,500,000	\$3,500,000
Construction	Mid Reach	\$20,000,000	\$9,900,000	\$5,050,000	\$5,050,000
Monitoring	Mid Reach	\$600,000		\$300,000	\$300,000
Monitoring	N&S Reach	\$440,000		\$220,000	\$220,000
Monitoring	South Beaches	\$300,000		\$94,000	\$206,000
	<b>Total</b>	<b>\$37,340,000</b>	<b>\$18,900,000</b>	<b>\$9,164,000</b>	<b>\$9,276,000</b>
<b>FY 2026-27</b>		<b>Estimated Project Costs</b>			
<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
	<b>Total</b>	<b>\$1,400,000</b>	<b>\$0</b>	<b>\$644,000</b>	<b>\$756,000</b>
<b>FY 2027-28</b>		<b>Estimated Project Costs</b>			
<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
	<b>Total</b>	<b>\$1,400,000</b>	<b>\$0</b>	<b>\$644,000</b>	<b>\$756,000</b>



F.1



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