

BOARD OF COUNTY COMMISSIONERS

DATE: September 10, 2015

AGENDA ITEM NO. 28

Consent Agenda ☐

Regular Agenda ☒

Public Hearing ☐

County Administrator's Signature:

Subject:

Resolution Requesting Inclusion of Pinellas County Beach Erosion Control Projects in the Florida Beach Management Funding Assistance Program Fiscal Year (FY) 2016-17 Long-Range Budget Plan with the Florida Department of Environmental Protection (FDEP).

Department:

Public Works

Staff Member Responsible:

Kelli Hammer Levy, Division Manager

Recommended Action:

I RECOMMEND THE BOARD OF COUNTY COMMISSIONERS ADOPT A RESOLUTION APPROVING THE PINELLAS COUNTY LOCAL GOVERNMENT FUNDING REQUEST TO THE FDEP BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM.

Summary Explanation/Background:

The proposed resolution, along with the summary of funding request, is required as part of FDEP's annual funding request for beach management projects. The funding request represents a ten (10) year budget projection and was submitted to FDEP by the July 31, 2015 due date. The proposed resolution indicating support of the project is due to FDEP by September 30, 2015. This long-range budget plan is similar in concept to the County's multi-year Capital Improvement Program (CIP) budget, in that it is a multi-year budget plan with emphasis on the upcoming fiscal year. Pinellas County submitted its funding request for Sand Key, Upham Beach Stabilization and an inlet management study of Pass-a-Grille Channel as part of a dual inlet study that also includes Bunces Pass.

Beach nourishment projects that are part of the Federal Shore Protection Program (Sand Key, Treasure Island, Long Key Upham Beach and Long Key Pass-a-Grille Beach) are cost-shared with Federal (U.S. Army Corps of Engineers) and State (FDEP's Beach Management Funding Assistance Program) interests. Non-federal projects (Honeymoon Island) are cost-shared with the State only.

Fiscal Impact/Cost/Revenue Summary:

Funds have been budgeted in the Coastal Management Section of the County's Capital Improvement Program (CIP) and the Public Works Department, Natural Resources Coastal Management operating budget. Pinellas County's funding requests includes \$4,685,000 for the Sand Key project, \$2,735,000 for the Long Key Upham Beach Stabilization project, and \$91,500 for an inlet management study. The Sand Key and Long Key project costs include construction, monitoring, design, and permitting expenses to be paid from Tourist Development Taxes dedicated to beach nourishment. The Pass-a-Grille/Bunces Pass inlet management study costs will be covered by the Coastal Management Program operating budget, and will be reimbursed by Tourist Development Taxes dedicated to beach nourishment. This funding request to FDEP totals \$7,511,500.

There are no FY16/17 funding requests being made for Honeymoon Island, Treasure Island, or the Long Key (Federal) nourishment project.

Exhibits/Attachments Attached:

Fact Sheet
Proposed Resolution with Summary of the Funding Request
FDEP Call for Submittals

FACT SHEET

BCC Agenda Item

Pinellas County's inclusion in FDEP's FY2016-17 Long-Range Budget Plan

Date: August 18, 2015

FY2016-17 Funds Requested:

Sand Key Nourishment:	\$4,650,000 (2017 construction)
	<u>\$ 35,000 (monitoring)</u>
Total	\$4,685,000
Long Key Upham Beach Stabilization:	\$1,500,000 (structure construction)
	\$ 112,500 (nourishment design & permitting)
	\$ 1,500 (tilling)
	\$ 21,000 (monitoring)
	<u>\$ 1,100,000 (nourishment construction)</u>
Total	\$ 2,735,000
Pass-a-Grille and Bunces Pass Joint Inlet Management Study:	Total \$ 91,500 (study)

TOAL FUNDS REQUESTED: \$7,511,500

No funds Requested – State grants in place to cover FY2016/17 costs for:

Honeymoon Island project
Treasure Island nourishment project
Long Key nourishment project

Funding Request Background

Each year the Florida Department of Environmental Protection's (FDEP's) Beach Management Funding Assistance Program (formerly Bureau of Beaches and Coastal Systems) updates their Florida Beach Management Program Long-Range Budget Plan (LRBP) and prioritizes their list of beach erosion control projects for future funding. The process culminates in the preparation and submittal of FDEP's Fixed Capital Outlay, Local Government Funding Request (LGFR) that contains funding priorities statewide for the following fiscal year.

Each year in response to fulfilling FDEP's funding request, the County estimates its annual Coastal Management Program funding needs by project for the next five years (years 1-5) in four funding categories: Feasibility, Design, Construction, and Monitoring. For years 6-10, program categories are identified but not funding amounts. The projects include Honeymoon Island, Sand Key, Treasure Island, Long Key Upham Beach Stabilization, Long Key Upham Beach Nourishment, and Long Key Pass-A-Grille Beach Nourishment.

The annual submittal is not official until the County passes a Resolution requesting inclusion of the County's erosion control projects in the Florida Beach Management Program LRBP. The County submitted its FY2016-17 funding request to FDEP by the deadline of July 31, 2015. In addition to the annual funds requested by project, the LGFR includes project descriptions and detailed public access maps for each of the four project areas. Although the LRBP includes funding amounts over the next five years, the Resolution pertains to the funding request for the next State fiscal year (FY16-17). The outcome of the County's request will not be

known until the conclusion of the upcoming State legislative session. Any funds that are appropriated pursuant to the request become available on July 1 of the next fiscal year. If Pinellas County obtains funding for one or more of its projects, then a funding agreement for each project encompassing the newly appropriated funds is drawn up and approved by FDEP and the County.

The funding matches depend upon the project. Funding for the Federal projects is approximately split 60% Federal, 20% State, and 20% County. Federal projects include Sand Key, Treasure Island, and Long Key. Funding for Honeymoon Island, a non-federal project, is split 75% State and 25% County for non-construction tasks that include feasibility studies, design, permitting, and post construction monitoring. The State can reimburse the County up to 100% of construction costs for Honeymoon Island.

In summary, the Resolution provides assurance to FDEP that the County:

- supports the proposed projects,
- is willing to serve as the local sponsor,
- has the ability to provide the local cost share, and
- has a dedicated funding source to support the projects (Tourist Development Tax).

RESOLUTION NO. 15-_____

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF PINELLAS COUNTY, FLORIDA REQUESTING INCLUSION OF PINELLAS COUNTY BEACH EROSION CONTROL PROJECTS IN THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM'S FY 2016-17 LOCAL GOVERNMENT FUNDING REQUEST; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Beach Management Funding Assistance Program of the Florida Department of Environmental Protection ("FDEP") has mandated an updated Beach Management Program Long-Range Budget Plan; and

WHEREAS, Pinellas County supports the FDEP's Beach Management Program and has historically coordinated with the state on coastal management projects; and

WHEREAS, Pinellas County is willing to serve as the local sponsor because the Beach Management Program specifically meets the goal of the Coastal Management Element of the Pinellas County Comprehensive Plan to "...conserve, maintain, and restore coastal beach and dune systems so as to retain their contributions to storm protection, recreation, natural resources, and economic development;" and

WHEREAS, Pinellas County has a dedicated funding source to provide local funding for the Beach Management Program.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF PINELLAS COUNTY, FLORIDA THAT:

Section 1. The Pinellas County Local Government Funding Request to the Beach Management Funding Assistance Program, Florida Department of Environmental Protection is approved. The funding request is incorporated herein by reference. A summary of the funding request is attached hereto.


Section 2. This Resolution shall become effective upon its adoption.

In a regular meeting duly assembled on the _____ day of _____, 2015, Commissioner _____ offered the foregoing Resolution and moved its adoption, which was seconded by Commissioner _____, and upon roll call the vote was:

AYES:

NAYS:

ABSENT AND NOT VOTING:

APPROVED AS TO FORM

County Attorney

Summary of Funding Request

Pinellas County FY 2016-2017 FDEP

Long-Range Budget Plan

Schedule and Budget: Sand Key

Use of Requested Program Funds for FY16/17:

The requested FY16/17 funds are for the 2017 Federal shore protection nourishment project (\$4,650,000) and the first year of permit-required monitoring (\$35,000).

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	Third Party Cost Share	State Cost Share	Local Cost Share
2016/2017	Design/Construction	Nourishment	\$25,000,000	\$15,700,000		\$4,650,000	\$4,650,000
	1 st year Monitoring	Turtle/Tilling	\$70,000	0		\$35,000	\$35,000
2017/2018	2 nd Year Monitoring	Turtle/Tilling	\$70,000	0		\$35,000	\$35,000
2018/2019	3 rd Year Monitoring	Turtle/Tilling	\$70,000	0		\$35,000	\$35,000
2019/2020							
2020/2021							
2021/2022							
2022/2023							
2023/2024							
2024/2025							
2025/2026							

Project Benefits: Public Beach access on Sand Key includes three primary access sites and numerous secondary access points, several of which are large county or city parks. There are over 5,000 ft of publicly accessible land and over 1,200 public parking spaces along the Sand Key project area. The map submitted with the complete funding request documents public beach access, parking, bike racks, bus stops, and restroom facilities, as well as public lodging establishments and commercial/recreational land use in the project area. Sea turtles utilize the entire project area for nesting, but it is not located in a designated marine turtle refuge. The County provides beach vegetation to the Gulf beach communities at no cost to establish dunes along the length of the project.

The Sand Key project has combined four small sections that were initially nourished individually to save on construction and administrative costs. In addition, the physical and biological monitoring is managed regionally.

Schedule and Budget:**Long Key Upham Beach Stabilization****Use of Requested Program Funds for FY16/17:**

The State has appropriated \$3 million of \$4.566 million total requested for this project in FY15/16. The requested FY16/17 funds are for the unfunded remainder of the rock structure costs for construction (\$1,500,000), design and permitting for the supplemental nourishment (\$112,500), tilling (\$1,500), first year monitoring for the structures and nourishment (\$21,000), and supplemental nourishment construction (\$1,100,000) to back fill the rock structures with sand.

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	Construction	Rock Structures	3,000,000	0	1,500,000	1,500,000
	Design/Permitting	Supplemental Nourishment	225,000	0	112,500	112,500
	Monitoring	Tilling	3,000	0	1,500	1,500
	Physical Monitoring	1 st year Structures, 1 st Year Nourishment	42,000	0	21,000	21,000
	Construction	Supplemental Nourishment	2,200,000	0	1,100,000	1,100,000
2017/ 2018	Physical Monitoring	2 nd Year Structures, 2 nd Year Nourishment	35,000	0	17,500	17,500
	Monitoring	Tilling	3,000	0	1,500	1,500
2018/ 2019	Physical Monitoring	3 rd Year Structures, 3 rd Year Nourishment	45,000	0	22,500	22,500
	Monitoring	Tilling	3,000	0	1,500	1,500
2019/ 2020	Physical Monitoring	4 th Year Structures	36,000	0	18,000	18,000
2020/ 2021						
2021/ 2022	Physical Monitoring	5 th Year Nourishment				
2022/ 2023						
2023/ 2024	Physical Monitoring	7 th Year Nourishment				
2024/ 2025						
2025/ 2026						

Project Benefits: This project will serve to stabilize the beach with four rock T-groin structures followed by a supplemental nourishment to back fill the T-groins with sand. The T-groins will slow erosion and decrease the frequency of nourishment projects thus greatly decreasing the long-term costs of maintaining a wide viable beach for storm protection, recreational use, and nesting sea turtle and shore bird habitat.

The Long Key Upham Beach Stabilization project area contains one Primary Beach Access Site with over 40% of the shoreline zoned commercial/recreational. The map submitted with the complete funding request will document public beach access, parking, bike racks, restroom facilities, and commercial/recreational land use in the Upham Beach project area. Sea turtles utilize the project area for nesting, but it is not located in a designated marine turtle refuge. The County provides beach vegetation annually to St. Pete Beach communities at no cost to provide an incentive to establish dunes along the length of the project.

The Pinellas County projects have been cited as an example of regionalization in the State's Strategic Management Plan. The Long Key project when nourished is combined with the Treasure Island nourishment project to save on construction and administrative costs. The City of St. Pete Beach cooperates with the County to make this project a success. In addition, the physical and biological monitoring is managed regionally.

Schedule and Budget: Pass-a-Grille and Bunces Pass Joint Inlet Management Study

Use of Requested Program Funds for FY16/17:

The requested FY16/17 funds of \$91,500 are for 75% of the total cost to complete tasks for the Pass-a-Grille portion of this joint inlet management study.

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	Study	Inlet Management Study	\$200,000		\$91,500	\$108,500
2017/ 2018						
2018/ 2019						
2019/ 2020						
2020/ 2021						
2021/ 2022						
2022/ 2023						
2023/ 2024						
2024/ 2025						
2025/ 2026						

Project Benefits: This study will: 1) develop a sediment budget for Pass-a-Grille Channel and Bunces Pass, 2) describe and quantify the circulation processes that link the inlets, 3) evaluate inlet management alternatives, and 4) provide the scientific and modeling framework from which the State can develop an Inlet Management Plan. Only the Pass-a-Grille portion of the study is eligible for State cost reimbursement since strategies to manage Bunces Pass are not in the State Strategic Beach Management Plan, Southwest Region (2015). The Pass-a-Grille Channel and Bunces Pass are interconnected through the back bays, thus both inlets will be studied to understand how the joint system functions. The main objectives of the Bunces Pass portion of this study are to investigate the erosion that has begun along the north half of Mullet key, the emergence of Bunces pass ebb shoal, and to identify management alternatives to be considered by County staff to mitigate the excessive erosion at the north end of Mullet Key.

FDEP CALL FOR SUBMITTALS

From: Reed, Alex (Jillian) [mailto:Alex.Reed@dep.state.fl.us]

Sent: Monday, June 01, 2015 5:59 PM

To: Squires, Andrew P; Bishop, John

Cc: Buda, Rob; Florko, Catherine; Edwards, Tom; George, Vincent; VanLandingham, Dena; Acevedo, Arlene; Simmons, Janice L.; Vielhauer, Trina; Duchene, Lisa; Dow, Roxane; Edwards, Lainie; Seeling, Martin; Brantly, Robert; Malakar, Subarna; Chalecki, Gene

Subject: Call for Submittals: Beach Management Funding Assistance Program's FY 2016/2017 Local Government Funding Request

Dear Local Sponsors,

The Beach Management Funding Assistance Program is developing the annual prioritized list of beach and inlet management projects for inclusion in the Department's FY 2016-2017 Local Government Funding Request (LGFR) for the Governor and the Legislature. The LGFR development is especially challenging this year since the FY 2015-16 budget has not been finalized and the 2016 Legislative Session is scheduled to begin in January. However, we must begin the application process now in order to remain consistent with timelines required in program rule and to finalize the prioritized list before committee meetings begin this Fall. **The deadline for application submittal will be July 31, 2015.**

Program staff is proposing several modifications to the application protocol to streamline the process. A separate notification will be sent shortly inviting you to attend a webinar to discuss the application process and answer any of your questions. The webinar is scheduled for 10 am on Wednesday, June 17, 2015. We hope that you will join us so that we can discuss the process and identify any items of concern or potential scheduling difficulties. Program project managers will also be contacting you throughout the process to assist wherever possible.

The following modifications have been made to the application process for FY 2016-17:

- For projects listed in the FY 2015-16 LGFR that remain unfunded following the 2015 Special Session, local sponsors need to submit the attached FY 2016-17 Application Supplement to have the funding request duplicated in the FY 2016-17 LGFR. The supplement will allow the sponsor to verify the contact information, update the project description, update the use of funds, and make minor adjustments to the funding table, without submitting an entire application package. If sponsors would like to provide new information for ranking consideration, this information can be amended to the application supplement after the funding table or in a separate document. FY 2015-16 project assessments will be accessible for reference until the application deadline.
- For re-submittals, the Department's Coastal Engineering will reassess Threat to Upland Structures, Advanced Nourishment Volumes and Erosion into the Design Template, based on monitoring data and reports submitted to the Department. Supplemental information for Department consideration can be submitted along with the application.

- Complete application forms must be submitted for projects that were not in the FY 2015-16 LGFR or for projects that have significant changes/additions to the FY 2015-16 application. Updated application forms are attached.
- Mapping elements, federal Project Cooperative Agreements/Participation Agreements, interlocal agreements, designated long term funding source documentation, and FEMA documentation **will not need to be re-submitted** if staff has a copy of these documents on file and if they are unchanged from the last submittal. Project managers will add copies of these documents to the project file on the program webpage for easy reference. Documents can be used from applications older than FY 2015-16, as long as they are current and accurate.
- Documentation/licensure for Public Lodging Establishments can be provided as links to the specific licenses on the DBPR webpage. Printouts of the licenses or other verifying information are not needed.
- There will be no formal Request for Additional Information period (RAI). Department staff can assist you by reviewing your application prior to the submittal deadline to ensure all required information has been provided.
- Sponsors will still have 21 days to review the project assessment and provide comments once assessments have been completed. A notification will be sent when assessments have been posted to the program webpage.
- **The current local government resolution signed by the governing board must be submitted by September 30, 2015, for the project to be included in the final LGFR.**

Copies of last year's LGFR and Long Range Budget Plan, the Critical Erosion Report, Program Rule 62B-36, F.A.C., and the "Ranking Criteria for Beach and Inlet Management Projects" methodology document are available on the Beaches webpage (<http://www.dep.state.fl.us/beaches/>).

Applications can be submitted via email to: Beaches_Funding@dep.state.fl.us, or via upload to the Department's public server through the following link:
<http://www.dep.state.fl.us/beaches/programs/becp/submit.htm>

Any application submitted early will be stored internally by staff until July 31, 2015, when all applications will be uploaded to the program webpage. Applications and all documents produced by the Department during the project assessment phase will be available for review on the Beaches webpage using the "View Funding Requests" tab. Last year's funding cycle documents (FY2015/2016) will remain on the webpage for reference until the submittal deadline.

If you have any questions or need assistance, please do not hesitate to contact me or the project manager in your area.

Name	Position	Phone	Region/Counties
Alex Reed	Program Administrator	(850) 245-2980	Dade/Monroe
Catherine Florko	Environmental Specialist III	(850) 245-2979	Pinellas, Central Atlantic (Brevard through Martin)
Vince George	Planning Consultant	(850) 245-2972	SW Gulf (Manatee through Collier)
Tom Edwards	Planning Consultant	(850) 245-2976	Panhandle & NE Atlantic (Nassau through Volusia)
Rob Buda	Environmental Specialist III	(850) 245-2975	Palm Beach & Broward

Sincerely,

Alex Reed
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 FDEP Division of Water Restoration Assistance
 3900 Commonwealth Blvd, MS3601
 Tallahassee, Florida 32399-3000
 office # 850.245.2980
alex.reed@dep.state.fl.us