

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

AGENDA ITEM SUMMARY

Meeting Date: August 18, 2015 Consent Regular
 Ordinance Public Hearing

Department

Submitted By: Environmental Resources Management
Submitted For: Environmental Resources Management

I. EXECUTIVE BRIEF

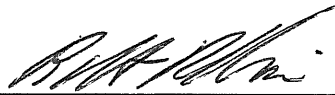
Motion and Title: Staff recommends motion to adopt: a Resolution requesting that the Florida Department of Environmental Protection (FDEP) review a funding application and support funding for shoreline protection projects within its Fiscal Year 2016/2017 Beach Erosion Control Assistance Program.


Summary: The County is requesting that the State appropriate \$400,000 for the Coral Cove Park Dune Restoration, \$100,000 for the Jupiter/Carlin Shore Protection Project, \$8,925,000 for the Juno Beach Shore Protection Project, \$4,588,460 for the Southern Palm Beach Island Shore Stabilization Project, \$90,000 for the South Lake Worth Inlet Management Plan, and \$100,000 for the Ocean Ridge Shore Protection Project. If the State Legislature approves funding for all of the projects, the County's matching share would be \$14,143,460. Districts 1, 4, 7 (SF)

Background and Justification: The FDEP is accepting project funding applications for FY 2016/2017. If the projects are found to be eligible, the FDEP will include them as part of its submittal to the Governor and Cabinet for approval and then forward it as part of the FDEP's Fixed Capital Outlay Budget Request to the State Legislature. The County's matching share is calculated for each project depending on Federal funding eligibility and any existing municipal (interlocal) funding agreements. The County's share of these projects is funded by the Tourist Development Bed Tax and interest earned.

Attachments:

1. Resolution
 2. Project Funding Requests and Budgets
-

Recommended by:  7/22/15
Department Director Date

Approved by:  7/13/15
County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	¥ _____	_____	_____	_____	_____
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes _____ No X _____
Budget Account No.: Fund _____ Department _____ Unit _____ Object _____
 Program _____

B. Recommended Sources of Funds/Summary of Fiscal Impact

* There is no fiscal impact until State funding is appropriated and a project agreement is executed. Potential fiscal impact to the County is \$14,143,460 over approximately three years. The Municipal, State, and Federal share of each project's costs would be allocated to the County on a reimbursement basis. If State funds were to be appropriated for the projects and County funding is found to be insufficient to match the State-funded project, other funding sources could be considered, such as short-term borrowing, securing bonds, or delaying the design and construction of other projects already funded.

C. Department Fiscal Review: *S. Henry*

III. REVIEW COMMENTS

A. OFMB Fiscal and /or Contract Administrator Comments:

[Signature]
 OFMB *5/22* *SC* *JD* *1/22* *9/27* *1/23* *for* *7-27-15*
 Contract Administrator

B. Legal Sufficiency:
[Signature]
 Assistant County Attorney

C. Other Department Review:

 Department Director

RESOLUTION NO. 2015-_____

**A RESOLUTION OF THE BOARD OF COUNTY
COMMISSIONERS OF PALM BEACH COUNTY,
FLORIDA, REQUESTING THE STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION TO SUPPORT APPROPRIATION OF
FUNDS WITHIN THE BEACH EROSION CONTROL ASSISTANCE
PROGRAM FOR FISCAL YEAR 2016-17.**

WHEREAS, the Board of County Commissioners of Palm Beach County, Florida, is committed to a program of coastal restoration and preservation; and

WHEREAS, Palm Beach County wishes to effectively address beach erosion by construction of shore protection projects and restoration of its dunes; and

WHEREAS, Palm Beach County has a need to perform engineering design, environmental studies and monitoring of shore protection projects; and

WHEREAS, Palm Beach County has developed and funded a Shore Protection Program to act as the local sponsor for coastal projects; and

WHEREAS, the projects listed below are consistent with the coastal element of the Palm Beach County's Comprehensive Plan; and

WHEREAS, Palm Beach County has the ability and intention of providing the local cost share of eligible coastal projects using a combination of tourist development taxes, interest and reserve funds; and

WHEREAS, the Bureau of Beaches and Coastal Systems is preparing their Beach Erosion Control Long-Range Budget Plan to develop the Fiscal Year 2016-17 prioritized list of beach erosion control projects; and

WHEREAS, the public work projects listed below are eligible within the State of Florida's Beach Erosion Control Assistance Program under the provisions of Section 161.101, Florida Statutes

WHEREAS, The County is requesting that the State appropriate \$400,000 for the Coral Cove Park Dune Restoration, \$100,000 for the Jupiter/Carlin Shore Protection Project, \$8,925,000 for the Juno Beach Shore Protection Project, \$4,588,460 for the Southern Palm Beach Island Comprehensive Shore Stabilization Project, \$90,000 for the South Lake Worth Inlet Management Plan, and \$100,000 for the Ocean Ridge Shore Protection Project.

1 NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY
2 COMMISSIONERS OF PALM BEACH COUNTY, FLORIDA, THAT:

3 Section 1: The foregoing recitals are hereby adopted and ratified

4 Section 2: The Board of County Commissioners hereby authorizes support for the
5 request for State appropriation of funds.

6

7 The foregoing Resolution was offered by Commissioner _____, who
8 moved its adoption. The motion was seconded by Commissioner _____,
9 and upon being put to a vote, the vote was as follows:

10 District 3 COMMISSIONER Shelley Vana, Mayor _____

11 District 5 COMMISSIONER Mary Lou Berger, Vice Mayor _____

12 District 1 COMMISSIONER Hal R. Valeche _____

13 District 2 COMMISSIONER Paulette Burdick _____

14 District 4 COMMISSIONER Steven L. Abrams _____

15 District 6 COMMISSIONER Melissa McKinlay _____

16 District 7 COMMISSIONER Pricilla A. Taylor _____

17 The Mayor thereupon declared the Resolution duly passed and adopted this _____
18 day of _____, 20__.

19

20 APPROVED AS TO FORM AND
21 LEGAL SUFFICIENCY

**PALM BEACH COUNTY, FLORIDA BY ITS
BOARD OF COUNTY COMMISSIONERS**

Sharon R. Bock, Clerk & Comptroller

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By  _____
Assistant County Attorney

By _____
Deputy Clerk

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

Project Name (Same as previous phase): Coral Cove Park Dune Restoration

Project Description:

Shoreline protection for approximately 1 mile of critically eroded beach north of the Jupiter Inlet in Palm Beach County (R1-R8). Dune restoration efforts have been ongoing since 1993 to stabilize this high use area and public infrastructure. Following the effects of the 2004 hurricane season, emergency protective dunes were constructed and subsequently planted in 2005 using funds from FEMA. A small-scale dune repair and planting project occurred during the winter 2012/2013 following Hurricane Sandy. A more robust dune restoration project was constructed during the winter 2013/2014 construction season placing 35,200 C.Y. of beach compatible sand. The project is necessary to maintain sea turtle nesting habitat and to provide storm protection to upland structures.

Use of Requested Program Funds:

Funds requested for FY 2016-17 will be used to reimburse eligible expenses incurred during the planning, design, construction and monitoring of the 2013/2014 dune restoration. Eligible aerial surveys and regional (profiles and hydrographic) monitoring will also be reimbursed. Because of the importance of this beach as sea turtle nesting habitat, three years of post-construction surveys will be required to document sea turtle and shorebird activity on this beach and funding is requested for these activities as well.

Local Government Contact:

Name	Title	Email
Reubin Bishop	Environmental Analyst	RBishop@Pbcgov.org
Address 1:	2300 N. Jog Rd, 4 th Fl	Phone: 561-233-2419
	West Palm Beach, FL 33411	Fax: 561-233-2414

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	2013/14 dune maintenance reimbursement	\$800,000	\$0	\$400,000	\$400,000
2017/ 2018	Monitoring	FY16 post construction physical, reef, sea turtle, shorebird	\$50,000	\$0	\$0	\$50,000
2018/ 2019	Dune fill	maintenance of dune	\$850,000	\$0	\$425,000	\$425,000
	Monitoring	post construction physical, reef, sea turtle, shorebird	\$50,000	\$0	\$0	\$50,000

2019/ 2020	Monitoring	post construction physical, aerials	\$10,000	\$0	\$0	\$10,000
2020/ 2021	Monitoring	post construction physical, aerials	\$10,000	\$0	\$0	\$10,000
2021/ 2022	Monitoring	post construction physical, aerials				
2022/ 2023	Monitoring	post construction physical, aerials				
2023/ 2024	Dune fill	maintenance of dune				
	Monitoring	post construction physical, reef, sea turtle, shorebird				
2024/ 2025	Monitoring	post construction physical, aerials				
2025/ 2026	Monitoring	post construction physical, aerials				

Local Sponsor Financial and Administrative Commitment

The project is part of the County's 5-Year Comprehensive financial plan available at:
<http://pbcgov.com/ofmb/budget/capital/2015/>

The project is also included in the County's 30-year Shore Protection Plan revised in 2014,
available at:
<http://www.pbcgov.com/erm/coastal/shoreline/>

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

Project Name (Same as previous phase): Jupiter/Carlin Shore Protection Project

Project Description:

Shoreline protection for 1.08 miles of beach adjacent to the Jupiter Inlet in Palm Beach County (R13.5 - R19). The beach was first nourished in 1995 and re-nourished in 2002. A primary dune was reestablished and maintained along the project area through multiple dune restoration efforts between 2002 and 2013. The most recent dune restoration project was completed on this beach in January of 2013 under the EFO issued by the Department in response to Hurricane Sandy. This project, consisting of nearly 7,400 tons of sand, was necessary to maintain sea turtle nesting habitat and protection of upland structures on this eroded beach.

A second re-nourishment was completed in April 2015 which consisted of a collaboration of 3 separate projects between Palm Beach County, Corps of Engineers and Jupiter Inlet District. A truck haul project conducted by Palm Beach County placed 282,000 c.y. of beach compatible sand from an upland sand source. The Corps of Engineers pumped another 140,000 c.y. from an offshore borrow area as part of a Flood Control and Coastal Emergency Shore Protection Project. Finally, the Jupiter Inlet District pumped 45,300 c.y. of sand from the inlet sand trap.

Use of Requested Program Funds:

Funds for FY 2016-17 are requested to reimburse for permit required post-construction monitoring costs associated with the 2014/15 beach nourishment.

Local Government Contact:

Name	Title	Email
Tracy Logue	Coastal Geologist	Tlogue@Pbcgov.org
Address 1:	2300 N. Jog Rd, 4 th Fl	Phone: 561-233-2941
	West Palm Beach, FL 33411	Fax: 561-233-2414

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, reef, sea turtle, shorebird	\$200,000	\$0	\$100,000	\$100,000
2017/2018	Monitoring	post construction physical, reef, sea turtle, shorebird	\$200,000	\$0	\$100,000	\$100,000
	PED	sand search, Federal coordination	\$400,000	\$0	\$90,580	\$90,580

2018/ 2019	Monitoring	post construction physical, reef, sea turtle, shorebird	\$200,000	\$0	\$100,000	\$100,000
	PED	permitting, PCA	\$300,000	\$0	\$67,935	\$67,935
2019/ 2020	Monitoring	pre construction physical, reef, sea turtle, shorebird	\$200,000	\$109,420	\$45,290	\$45,290
	Construction	dredge and fill	\$17,500,000	\$9,574,250	\$3,962,875	\$3,962,875
2020/ 2021	Monitoring	post construction physical, reef, sea turtle, shorebird	\$200,000	\$109,420	\$100,000	\$100,000
2021/ 2022	Monitoring	post construction physical, reef, sea turtle, shorebird				
2022/ 2023	Monitoring	post construction physical, reef, sea turtle, shorebird				
2023/ 2024	Monitoring	post construction physical, reef, sea turtle, shorebird				
2024/ 2025	Monitoring	post construction physical, reef, sea turtle, shorebird				
2025/ 2026	Monitoring	post construction physical, reef, sea turtle, shorebird				

Local Sponsor Financial and Administrative Commitment

The project is part of the County's 5-Year Comprehensive financial plan available at:
<http://pbcgov.com/ofmb/budget/capital/2015/>

The project is also included in the County's 30-year Shore Protection Plan revised in 2014,
available at:
<http://www.pbcgov.com/erm/coastal/shoreline/>

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

Project Name (Same as previous phase): Juno Beach Shore Protection Project

Project Description:

Re-nourishment of approximately 2.4 miles of critically eroding shoreline beginning 2.2 miles downdrift of Jupiter Inlet (R-26 - R-38). The original project was completed in 2001 and subsequently impacted by the hurricanes of 2004, 2005 and by T.S. Fay in 2008. The first re-nourishment of this beach was completed in March 2010.

A JCP application for a second re-nourishment is underway with construction anticipated to begin in winter 2016. Efforts to delineate a borrow area are ongoing. The cultural resource and sub-bottom surveys are complete and additional vibracores are scheduled to confirm sediment compatibility for beach placement.

Use of Requested Program Funds:

Funds requested for FY2016 - 17 will be used for the design, permitting and construction of the 2nd re-nourishment and to support project-specific monitoring required by permit.

Local Government Contact:

Name	Title	Email
Reubin Bishop	Environmental Analyst	RBishop@Pbcgov.org
Address 1:	2300 N. Jog Rd, 4 th Fl	Phone: 561-233-2419
	West Palm Beach, FL 33411	Fax: 561-233-2414

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	PED	permitting, contracting	\$600,000	\$0	\$300,000	\$300,000
	Monitoring	pre construction physical, reef, sea turtle, shorebird	\$250,000	\$0	\$125,000	\$125,000
	Construction	dredge and fill	\$17,000,000	\$0	\$8,500,000	\$8,500,000
2017/ 2018	Monitoring	post construction physical, reef, sea turtle, shorebird	\$500,000	\$0	\$250,000	\$250,000
2018/ 2019	Monitoring	post construction physical, reef, sea turtle, shorebird	\$500,000	\$0	\$250,000	\$250,000
2019/ 2020	Monitoring	post construction physical, reef, sea	\$500,000	\$0	\$250,000	\$250,000

		turtle, shorebird				
2020/ 2021	Monitoring	post construction physical, reef, sea turtle, shorebird	\$500,000	\$0	\$250,000	\$250,000
2021/ 2022	Monitoring	post construction physical, reef, sea turtle, shorebird				
	PED	Sand search, permitting				
2022/ 2023	Monitoring	post construction physical, reef, sea turtle, shorebird				
	PED	permitting, contracting				
2023/ 2024	Monitoring	post construction physical, reef, sea turtle, shorebird				
	Construction	dredge and fill				
2024/ 2025	Monitoring	post construction physical, reef, sea turtle, shorebird				
2025/ 2026	Monitoring	post construction physical, reef, sea turtle, shorebird				

Local Sponsor Financial and Administrative Commitment

The project is part of the County's 5-Year Comprehensive financial plan available at:
<http://pbcgov.com/ofmb/budget/capital/2015/>

The project is also included in the County's 30-year Shore Protection Plan revised in 2014,
available at:
<http://www.pbcgov.com/erm/coastal/shoreline/>

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

Project Name (Same as previous phase): Southern Palm Beach Island Comprehensive Shoreline Stabilization Project

Project Description:

Management of approximately 0.8 miles of critically eroding shoreline along the town of South Palm Beach, the public beach in Lantana, and the beach in front of the Ritz-Carlton in Manalapan (Palm Beach County, R-134 - R-138.5) utilizing 7 low-profile, permeable groins with 85,000 c.y. of beach fill.

Several alternatives have been explored for the restoration and maintenance of this shoreline. As mentioned in the Strategic Beach Management Plan for this beach, a feasibility study for the project is complete and has been accepted by the Bureau. A Joint Coastal Permit application for the project was submitted in June 2015. Efforts to complete the Environmental Impact Statement (EIS) are ongoing with an anticipated publication of the FEIS in November 2015. This area is encompassed by the larger Palm Beach Island Beach Management Agreement (Lake Worth Inlet to South Lake Worth Inlet) and this project is listed as a “potential future project.”

The most recent dune restoration project for this project area occurred in January of 2009. The entirety of the project area is fortified with seawalls, however there is little to no recreational or nesting beach available for much of the year.

Use of Requested Program Funds:

Funds requested for FY 2016-17 will be used to reimburse project design and permitting (including the EIS) and for project construction. Pre-construction monitoring, aerial surveys and regional (profiles and hydrographic) monitoring for this area will also be funded.

Local Government Contact:

Name	Title	Email
Kimberly Miranda	Sr. Env. Analyst	KMiranda@Pbcgov.org
Address:	2300 N. Jog Rd, 4 th Fl	Phone: 561-233-2465
	West Palm Beach, FL 33411	Fax: 561-233-2414

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	Municipal Cost Share
2016/ 2017	Feasibility	EIS	\$456,000	\$0	\$182,400	\$182,400	\$91,200
	PED	Permitting (JCP/COE)	\$150,000	\$0	\$60,000	\$60,000	\$30,000
	Monitoring	pre/post construction physical, reef, sea turtle	\$100,000	\$0	\$40,000	\$40,000	\$20,000

	Construction	Groins, beach fill, mitigation	\$10,765,150	\$0	\$4,306,060	\$4,306,060	\$2,153,030
2017/2018	Monitoring	post construction physical, reef, sea turtle	\$100,000	\$0	\$40,000	\$40,000	\$20,000
2018/2019	Monitoring	post construction physical, reef, sea turtle	\$100,000	\$0	\$40,000	\$40,000	\$20,000
2019/2020	Monitoring	post construction physical, reef, sea turtle	\$100,000	\$0	\$40,000	\$40,000	\$20,000
	Construction	Beach fill	\$3,500,000	\$0	\$1,400,000	\$1,400,000	\$700,000
2020/2021	Monitoring	post construction physical, reef, sea turtle	\$100,000	\$0	\$40,000	\$40,000	\$20,000
2021/2022	Monitoring	post construction physical, reef, sea turtle					
2022/2023	Monitoring	post construction physical, reef, sea turtle					
	Construction	Beach fill					
2023/2024	Monitoring	post construction physical, reef, sea turtle					
2024/2025	Monitoring	post construction physical, reef, sea turtle					
2025/2026	Monitoring	post construction physical, reef, sea turtle					
	Construction	Beach fill					

Local Sponsor Financial and Administrative Commitment

The project is part of the County's 5-Year Comprehensive financial plan available at:
<http://pbcgov.com/ofmb/budget/capital/2015/>

The project is also included in the County's 30-year Shore Protection Plan revised in 2014, available at:
<http://www.pbcgov.com/erm/coastal/shoreline/>

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

Project Name (Same as previous phase): South Lake Worth Inlet Management

Project Description:

The project consists of design, permitting, construction, mitigation, and monitoring associated with the implementation of the South Lake Worth Inlet Management Plan (Palm Beach County, R-151 – R-152 (monitoring from R137-R164)). Activities occurring under this project include the periodic dredging of the sand trap and navigational channel located inside the inlet and the reconstruction of the sand transfer plant. The reconstruction of the plant was completed in 2011. Dredging and expansion of the sand trap was completed in November 2014.

The fixed sand transfer plant located on the updrift jetty bypasses 100% of the sand trapped by the jetty. Annually this averages 80,000 cy.

Use of Requested Program Funds:

The requested funding will be used for ongoing biological and physical monitoring.

Local Government Contact:

Name	Title	Email
Tracy Logue	Coastal Geologist	Tlogue@Pbcgov.org
Address 1:	2300 N. Jog Rd, 4 th Fl	Phone: 561-233-2941
	West Palm Beach, FL 33411	Fax: 561-233-2414

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	sand trap, physical profiles, sea turtle, SAV	\$120,000	\$0	\$90,000	\$30,000
2017/ 2018	Monitoring	sand trap, physical profiles, sea turtle, SAV	\$120,000	\$0	\$90,000	\$30,000
2018/ 2019	Monitoring	sand trap, physical profiles, sea turtle, SAV	\$120,000	\$0	\$90,000	\$30,000
2019/ 2020	Monitoring	sand trap, physical profiles, sea turtle, SAV	\$120,000	\$0	\$90,000	\$30,000

	Construction	dredging and widening of sand trap	\$1,000,000	\$0	\$750,000	\$250,000
2020/ 2021	Monitoring	sand trap, physical profiles, sea turtle, SAV	\$120,000	\$0	\$90,000	\$30,000
2021/ 2022	Monitoring	sand trap, physical profiles, sea turtle, SAV				
2022/ 2023	Monitoring	sand trap, physical profiles, sea turtle, SAV				
2023/ 2024	Monitoring	sand trap, physical profiles, sea turtle, SAV				
2024/ 2025	Monitoring	sand trap, physical profiles, sea turtle, SAV				
2025/ 2026	Monitoring	sand trap, physical profiles, sea turtle, SAV				

Local Sponsor Financial and Administrative Commitment

The project is part of the County's 5-Year Comprehensive financial plan available at:
<http://pbcgov.com/ofmb/budget/capital/2015/>

The project is also included in the County's 30-year Shore Protection Plan revised in 2014, available at:
<http://www.pbcgov.com/erm/coastal/shoreline/>

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

Project Name (Same as previous phase): Ocean Ridge Shore Protection Project

Project Description:

Shoreline protection and monitoring of 1.42 miles of beach adjacent to the South Lake Worth Inlet (Between DEP reference monuments R-151 and R-159) in Palm Beach County. The beach was first nourished in 1998. A series of eight T- head groins was also constructed and a primary dune was reestablished along a majority of the project area. In November of 2005, 1.1 miles of this beach was renourished. The 2nd renourishment of this beach was completed in April 2014 by the US Army Corps of Engineers utilizing a borrow area just offshore of the fill area.

Use of Requested Program Funds:

Funds requested for FY 2016-17 will be used for post-construction biological (reef, sea turtle and shorebird monitoring) and physical monitoring (aerial surveys and regional (profiles and hydrographic) monitoring) as required by DEP permit.

Local Government Contact:

Name	Title	Email
Tracy Logue	Coastal Geologist	TLogue@Pbcgov.org
Address:	2300 N. Jog Rd, 4 th Fl	Phone: 561-233-2491
	West Palm Beach, FL 33411	Fax: 561-233-2414

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, reef, sea turtle, shorebird	\$200,000	\$0	\$100,000	\$100,000
2017/ 2018	Monitoring	post construction physical, reef, sea turtle, shorebird	\$200,000	\$0	\$100,000	\$100,000
	PED	sand search, LRR	\$400,000	\$194,800	\$102,600	\$102,600
2018/ 2019	Monitoring	post construction physical, reef, sea turtle, shorebird	\$200,000	\$0	\$100,000	\$100,000
	PED	LRR, permitting (JCP/COE)	\$100,000	\$48,700	\$25,650	\$25,650

2019/ 2020	Monitoring	pre construction physical, reef, sea turtle, shorebird	\$200,000	\$0	\$100,000	\$100,000
	PED	Permitting (JCP.COE)	\$100,000	\$48,700	\$25,650	\$25,650
2020/ 2021	Monitoring	pre construction physical, reef, sea turtle, shorebird	\$200,000	\$0	\$100,000	\$100,000
	Construction	dredge and fill	17,000,000	\$8,279,000	\$4,360,500	\$4,360,500
2021/ 2022	Monitoring	post construction physical, reef, sea turtle, shorebird				
2022/ 2023	Monitoring	post construction physical, reef, sea turtle, shorebird				
2023/ 2024	Monitoring	post construction physical, reef, sea turtle, shorebird				
2024/ 2025	Monitoring	post construction physical, reef, sea turtle, shorebird				
2025/ 2026	Monitoring	post construction physical, reef, sea turtle, shorebird				

Local Sponsor Financial and Administrative Commitment

The project is part of the County's 5-Year Comprehensive financial plan available at:
<http://pbcgov.com/ofmb/budget/capital/2015/>

The project is also included in the County's 30-year Shore Protection Plan revised in 2014,
available at:
<http://www.pbcgov.com/erm/coastal/shoreline/>