

FY2023/2024 Local Government Funding Request

Final Beach Project Assessment

Project Name	Phipps Ocean Park Beach Nourishment
Local Sponsor	Town of Palm Beach

Initial Assessment	8/16/2022
Group Assessment	9/1/2022
Draft Assessment	9/14/2022
Final Review	10/20/2022

Project Description
The Phipps Ocean Park Beach Nourishment Project includes 2.1 miles of shoreline located between DEP monuments R116+450' to R127+87' in Palm Beach County. In 2004, a 3.1-acre artificial reef was constructed to mitigate for impacts to hardbottom resources in advance of the 2006 restoration. A FEMA dune nourishment was completed in 2011 to repair damages sustained during Tropical Storm Fay. The project is included in the 2013 Palm Beach Island Beach Management Agreement Pilot Project. An interim dune nourishment was completed in 2015 in coordination with the Mid-Town Beach project. A full nourishment was completed in 2016, with an expansion of the project limit, and a storm recovery project was completed in 2021. The next nourishment event is scheduled for 2021/2022. The requested funds are for design funds to complete a sand search and delineate borrow areas for the next nourishment event. Staff have determined that 77.12% of the project is eligible for state cost share.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
Design

State cost share %	38.56%
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Project Budget Table					
	State %	Federal	State	Local	Total
Feasibility	0.00%	\$0	\$0	\$0	\$0
Design	38.56%	\$0	\$559,120	\$890,880	\$1,450,000
Construction	0.00%	\$0	\$0	\$0	\$0
Year 1 Monitoring	0.00%	\$0	\$0	\$0	\$0
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$559,120	\$890,880	\$1,450,000

Federal cost share %	0.00%
Federal agency and description	

TOTAL PROJECT SCORE (100 points)	18.4
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Tier 1

Tourism-related impacts

Return on investment (10 points)	Score	0
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Local Sponsor: Project is not requesting construction funds.

Department: Current application cycle only includes design, therefore not eligible for the award of points.

Construction + Year 1 Monitoring Cost: n/a
Value:

Economic impact (10 points)	Score	4
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Local Sponsor: N/A

Department:

Palm Beach County, 2021 data. Tourism-related sales tax data = \$146,030,636.69 . County sales tax collections = \$2,069,677,084.20

Value: 7.06

Tier 2

Federal involvement

Federal authorization (5 points)	Score	0
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Local Sponsor: No

Department: Verified

Federal cost share (5 points)	Score	0
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Local Sponsor: No

Department: Verified

Federal funds available (5 points)	Score	0
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Local Sponsor: No

Department: Verified

Storm damage reduction benefits

Current conditions (8 points)	Score	0
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Local Sponsor: 2.5 cy/lf

Department: The most recent beach restoration was completed in April 2021. A

recent post-construction survey is not available to determine advance nourishment loss and the project is therefore not eligible for the award of points.

CEG calculated value: 0

Threat to upland development (2 points)	Score	0
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Local Sponsor: N/A

Department: The most recent beach nourishment was completed in April 2021. The design profile remains intact and provides storm damage protection to the upland property from the impacts of a 25 year storm event. Therefore, the project is not eligible for the award of points.

CEG calculated value:

Value of upland property (5 points)	Score	2.1
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Local Sponsor:

Department: Calculated by GIS with 2021 data.

Total value: \$1,073,075,203.00

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	0
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Local Sponsor: Project is not requesting construction funds.

Department: The project is not requesting construction funds and therefore is not eligible for the award of points.

Value:

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	3
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Local Sponsor: Enhanced Longevity, Dune Addition, and Regionalization
FDEP Coastal Engineering Memo 8/29/2008

Department: The project proposes a dune addition and is therefore eligible for the award of 3 points.

Tier 3

Previous state commitment

Previously funded phases (1 point)	Score	1
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Local Sponsor: Yes

Department:

Verified

Total amount of previous funding (3 points)	Score	1.7
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Local Sponsor:

N/A

Department:

Fiscal year 2013/2014 through 2022/2023

Total funds:

\$8,629,725.00

Previous partial appropriation (1 point)	Score	0
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Local Sponsor:

No

Department:

Verified

Recreational benefits

Accessible beach area (2 points)	Score	0.5
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Local Sponsor:

Department:

The 2016 pre-construction MHWL was utilized as the seaward edge and bounded by the ECL on the landward side (2022/2023 LGFR Funding Assessment). Calculated by CEG/GIS.

Total area:

421,552 sq²

Recreational benefits (3 points)	Score	1.1
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Local Sponsor:

20.1% Based on Previous Assessment

Department:

Phipps 1,200 ft, Ambassador II 290 ft, Four Seasons 500 ft, Tideline 200 ft, Par 3 Golf Course 1900. 4090/10996=37.2

Percentage:

37.20%

Mitigation of inlet effects (5 points)	Score	0
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Local Sponsor:

FDEP Coastal Engineering Memo 8/29/2008

Department:

The project is within the influence area of Lake Worth inlet. However, the inlet is achieving its target bypassing objective. Therefore, 0 points are awarded.

CEG calculated value:

Volume/mile/year (5 points)	Score	0
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Local Sponsor:

Department:

The project is not requesting construction funds and therefore is not eligible for the award of points.

CEG calculated value: N/A

Tier 4

Successive unfunded requests (5 points)	Score	0
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Local Sponsor: 1

Department: Received funding from FY17/18 through 22/23 therefore not eligible for award of point

Environmental habitat enhancement (5 points)	Score	0
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Local Sponsor: Project is in a non-designated area where extensive shoreline armoring threatens the habitat of endangered species. The FDEP BMA, signed by FWC, addresses best management practices for sea turtle nesting.

Department: The project location intersects critical habitat area. 20% of the project length is armored which is less than the 30% threshold. Therefore, the project is not eligible for the award of points.

Overall readiness to proceed

Readiness to construct (1 point)	Score	1
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Local Sponsor: N/A

Department: Eligible for additional point.

Active permits (1 point)	Score	1
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Local Sponsor: State: BMA, Federal: SAJ-2000-00380 (SP-LCK) exp: 2025

Department: Verified

Easements acquired (1 point)	Score	1
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Local Sponsor: Yes

Department: Verified

Local funds secured (1 point)	Score	1
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Local Sponsor: Signed Resolution submitted with application.

Department: Resolution was submitted by application deadline.

Erosion Control Line established (1 point)	Score	1
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Local Sponsor:

Yes

Department:

Verified