

FY2025/2026 Local Government Funding Request

Final Beach Project Assessment

Project Name	Ocean Ridge Shore Protection Project
Local Sponsor	Palm Beach County

Initial Assessment	8/23/2024
Group Assessment	8/26/2024
Draft Assessment	9/3/2024
Final Review	10/8/2024

Project Description
The federally-authorized Ocean Ridge Shore Protection Project is located between DEP monuments R152 and R159 in Palm Beach County. The initial restoration of the 1.36 mile long project was completed in 1998, followed by additional renourishments in 2005 and 2020. Additional hardbottom impacts were mitigated in 2010, with the construction of 2.25 acres of artificial reef. Bypass material from the South Lake Worth Inlet sand transfer plant and maintenance disposal material from South Lake Worth Inlet sand trap is placed within project areas. A federal storm repair project was completed in 2014 to replace losses sustained during Hurricane Sandy. The requested funds are for federal permitting, planning, engineering, design and construction for non-federal advanced fill incorporated into the Winter 2026 FCCE nourishment, post-construction monitoring including sea turtle and shorebird monitoring, beach profile surveys, aerial photography, scarp removal and tilling, hardbottom digitization, and a physical monitoring report. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
Design (Permitting, FCCE Advanced Fill- Current), Construction (FCCE Advanced Fill- Current) and Monitoring (Yr 1 Biological & Physical- Current)

State cost share %	50.00%
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Project Budget Table					
	State %	Federal	State	Local	Total
Feasibility	0.00%	\$0	\$0	\$0	\$0
Design	50.00%	\$0	\$224,455.96	\$224,455.96	\$448,911.92
Construction	50.00%	\$0	\$3,000,000.00	\$3,000,000.00	\$6,000,000.00
Year 1 Monitoring	50.00%	\$0	\$42,781.06	\$42,781.06	\$85,562.12
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$3,267,237.02	\$3,267,237.02	\$6,534,474.04

Federal cost share %	48.70%
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Federal agency and description	USACE, FCCE (Design & Construction)
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TOTAL PROJECT SCORE (100 points)	48.9
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Tier 1

Tourism-related impacts

Return on investment (10 points)	Score	5.5
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Local Sponsor:

Project is requesting construction funds.

Department: Only projects requesting construction funds are eligible for the point.
Construction + Year 1 Monitoring Cost: \$3,042,781.06
Value: 67.3

Economic impact (10 points)	Score	2.9
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Local Sponsor: N/A

Department: Palm Beach County, most current complete calendar data. Tourism-related sales tax data = \$204,654,857.57. County sales tax collections = \$2,365,652,667.00.
Value: 8.65

Tier 2

Federal involvement

Federal authorization (5 points)	Score	5
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Local Sponsor: Yes

Department: Verified

Federal cost share (5 points)	Score	3.7
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Local Sponsor: Yes 48.7%

Department: Verified

Federal funds available (5 points)	Score	0
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Local Sponsor: USACE- PIR

Department: Verified

Storm damage reduction benefits

Current conditions (8 points)	Score	6.6
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Local Sponsor: Advanced nourishment lost: 347,300 ft/yr

Department: Beach nourishment was completed in March 2020 with the latest survey received by the Department in June 2023. 85.12% of the 153,950.5 cy of advanced nourishment was lost over this interval for a total score of $-\log(1-0.8515) \times 8 = 6.6$.

CEG calculated value: 6.6

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

Department: CEG determined the project protects upland structures from a 25-year storm event.

CEG calculated value: 0

Value of upland property (5 points)	Score	2.7
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Local Sponsor: \$1,134,731,487.00

Department: Calculated by GIS with 2023 data.

Total value: \$1,251,225,156

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	6.2
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Local Sponsor: Sand placement vol 700,000 cy; nourishment int = 6 years

Department: Construction cost = \$6,000,000.00, volume = 700,000 cy, length = 1.36 mi,
nourishment interval = 6 yrs

Value: 1.0521

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	0
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Local Sponsor: None Proposed

Department: Proposed project does not qualify for any of the elements and therefore not eligible for award of points

Tier 3

Previous state commitment

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

Department: The department has previously provided cost-share on an approved feasibility study or design phase for this project.

Total amount of previous funding (3 points)	Score	0.3
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Local Sponsor: N/A

Department: Fiscal year 2015/2016 through 2024/2025

Total funds: \$453,900

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

Department: No partial appropriations in 3 previous fiscal year applications, not eligible for the award of point.

Recreational benefits

Accessible beach area (2 points)	Score	0.8
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Local Sponsor: R152-R159

Department: Calculated by CEG/GIS Staff

Total area: 429,140 sq/ft

Recreational benefits (3 points)	Score	1.2
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Local Sponsor: 100%

Department: Ocean Inlet Park (590 ft), Ocean Ridge Hammock Park (1,110 ft), Boynton Beach Oceanfront Park (1,034 ft), Edith Street Access (20 ft). Total 2,754 ft/7,169 ft = 38.4%

Percentage: 38.40%

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

Department: The project is within the influence of the South Lake Worth Inlet, which is meeting the bypassing objectives within the IMP. Therefore not eligible for the award of points.

CEG calculated value: 0

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

Department: Volume = 700,000 cy, Length = 7,169 ft,
Nourishment Interval = 6 yrs

CEG calculated value: 85,925.51

Tier 4

Successive unfunded requests (5 points)	Score	0
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Local Sponsor: N/A

Department: Verified no successive unfunded requests. Not eligible for award of points.

Environmental habitat enhancement (5 points)	Score	3
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Local Sponsor: N/A

Department: The project boundary intersects critical habitat area. The shoreline is 43.4% armored which is greater than the 30% threshold. Therefore, the project is eligible for the award of 3 points.

Overall readiness to proceed

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

Department: Eligible for the award of additional point

Active permits (1 point)	Score	1
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Local Sponsor: State: 0311339-003-JN (exp 08/11/2026)
Fed: No

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: Yes, draft resolution submitted with application.

Department: Signed Resolution was submitted by application deadline.

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

Department: Verified