

FY2025/2026 Local Government Funding Request

Final Beach Project Assessment

Project Name	Coral Cove Dune Nourishment 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 Coral Cove Dune Nourishment Project is located between DEP monuments R1.1 and R7.6 in Palm Beach County. To maintain sea turtle nesting habitat, recreational space, and storm protection of upland infrastructure, the County has conducted eight dune nourishments since 1989 on the 1.02 mile long project. Dune nourishment events are planned to continue under Coastal Construction Control Line (CCCL) permitting on a three year basis as needed. The most recent project was completed in March 2024. The requested funds are for FY24/25 reimbursement of the March 2024 construction, FY25/26 dune maintenance and storm response, and immediate post-construction monitoring. 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)
Construction (Dune Maintenance + Storm Response- Current; & El Nino Dune Maintenance- cost reimbursement for FY24/25) and Monitoring (Permit Required- Current; & EFO Required- cost reimbursement FY24/25)

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	0.00%	\$0	\$0	\$0	\$0
Construction	50.00%	\$0	\$2,169,063.15	\$2,169,063.14	\$4,338,126.29
Year 1 Monitoring	50.00%	\$0	\$60,000.00	\$60,000.00	\$120,000.00
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$2,229,063.15	\$2,229,063.14	\$4,458,126.29

Federal cost share %	0.00%
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Federal agency and description	None
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TOTAL PROJECT SCORE (100 points)	21.4
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Tier 1

Tourism-related impacts		
Return on investment (10 points)	Score	5.9

Local Sponsor:

Project is requesting construction funds.

Department: Only projects requesting construction funds are eligible for the point

Construction + Year 1 Monitoring Cost: \$2,229,063.15
Value: 91.8

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	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: 14,450 cy/yr (Historical Erosion Rate, Winter 2024 Erosion: 35,191 cy)

Department: Emergency beach nourishment was completed in 2023 with the latest survey received by the Department in 2024. This project gained volume from pre-construction (2022) to current (2024). 152.13% of the -81,530.1 cy of advanced nourishment was lost over this interval for a total score of 0 points.

CEG calculated value: 0

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	2.1
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Local Sponsor: \$521,098,546.00

Department: Calculated by GIS with 2023 data.
Total value: \$1,089,755,297.00

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	1.0
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Local Sponsor: Sand placement vol = 35,191 cy; nourishment int = 3 years

Department: Construction cost = \$4,338,126.29, volume = 35,191 cy, length = 1.02 mi, nourishment interval = 3 yrs

Value: 40.4252

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	3
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Local Sponsor: Regionalization

Department: Regionalization not qualified for this project. Dune addition is eligible for 3 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	1.0
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Local Sponsor: N/A

Department: Fiscal year 2015/2016 through 2024/2025
Total funds: \$1,775,177

Previous partial appropriation (1 point)	Score	0
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Local Sponsor: No

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
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Local Sponsor:

N/A: dune-only project, R1.1 to R7.6

Department:

Calculated by CEG/GIS Staff (Dune Project)

Total area:

0 sq/ft

Recreational benefits (3 points)	Score	1.6
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Local Sponsor:

54.9%; remaining 45.1% permits public recreational access to sandy beach area via long-term easement agreements.

Department:

Coral Cove Park (2950 ft). 2,950 ft/5,367 ft = 54.9%.

Percentage:

54.9%

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 Jupiter 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	0.9
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Local Sponsor:

N/A

Department:

Volume = 35,191 cy, Length = 5,367 ft,
Nourishment Interval = 3 yrs

CEG calculated value:

11,540.18

Tier 4

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

No

Department:

Verified

Environmental habitat enhancement (5 points)	Score	0
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Local Sponsor:

The project is not within a designated critical habitat area that is subject to extensive shoreline armoring.

Department:

The project boundary intersects critical habitat area. The shoreline is 5.4% armored which is less than the 30% threshold. Therefore, the project is not eligible for the award of 3 points.

Overall readiness to proceed

Readiness to construct (1 point)	Score	0
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Local Sponsor:

N/A

Department:

Ineligible for the award of additional point

Active permits (1 point)	Score	0
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Local Sponsor: 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

Department: Signed Resolution was submitted by application deadline.

Erosion Control Line established (1 point)	Score	0
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Local Sponsor: No

Department: Verified