

FY2025/2026 Local Government Funding Request

Final Beach Project Assessment

Project Name	Delray Beach Shore Protection Project
Local Sponsor	City of Delray Beach

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 Delray Beach Shore Protection Project is located between DEP monuments R175+300 and R190+200 in Palm Beach County. The 3.05 mile long project was initially constructed in 1973 and has since received eight additional renourishments with the most recent nourishment completing in 2020. A post-storm survey was conducted December 2022 to measure sustained losses due to Hurricane Nicole. Coordination with federal project partners is ongoing and has resulted in a plan for a federally constructed storm repair project in Winter 2025/2026. A Flood Control and Coastal Emergencies (FCCE) project will take place FY25/26. The requested funds are for additional Sand Placement (shortfall) and Engineering & Permit Compliance Assistance. Additional funds requested for 5-year 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 (Engineering and Permit Compliance Assistance- Current; & Additional sand placement for delayed construction w/shortfall- Current) and Monitoring (Yr 1 and Yr 2+- 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	0.00%	\$0	\$0	\$0	\$0
Construction	50.00%	\$0	\$9,636,904	\$9,636,904	\$19,273,808
Year 1 Monitoring	50.00%	\$0	\$95,068	\$95,068	\$190,136
Year 2+ Monitoring	50.00%	\$0	\$27,500	\$27,500	\$55,000
Total Project Costs		\$0	\$9,759,472	\$9,759,472	\$19,518,944

Federal cost share %	56.33%
Federal agency and description	USACE; FCCE (construction)

TOTAL PROJECT SCORE (100 points)	50.2
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Tier 1

Tourism-related impacts

Return on investment (10 points)	Score	1.8
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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: \$9,731,972.00

Value: 21

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	4.3
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Local Sponsor: Yes 56.33%

Department: Verified

Federal funds available (5 points)	Score	0
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Local Sponsor: USACE/FCCE- Executed USACE project agreement

Department: Project cooperation agreement not submitted to verify federal funds available

Storm damage reduction benefits

Current conditions (8 points)	Score	8
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Local Sponsor: Lose since last sand placement: -72,974 cy
Historical erosion rate: -1 ft/yr

Department: Beach nourishment was completed in March 2020 with the latest survey received by the Department in December 2024. 105.67% of the 81,651.8 cy of advanced nourishment was lost over this interval for a total score of 8 points.

CEG calculated value: 8

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	4.3
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Local Sponsor:

Department: Calculated by GIS with 2023 data.

Total value: \$5,214,154,793.00

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	6.7
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Local Sponsor: Sand placement vol = 1,232,500 cy; nourishment int = 8 years

Department: Construction cost = \$19,273,808, volume = 806,603 cy, length = 3.05 mi, nourishment interval = 8 yrs

Value: 0.9794

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

Department: Enhanced longevity have been verified by the Department and 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	1.5
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Local Sponsor: N/A

Department: Fiscal year 2015/2016 through 2024/2025

Total funds: \$4,986,793.50

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	2
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Local Sponsor: N/A

Department: Calculated by CEG/GIS Staff

Total area: The design is a 171 foot width beach from the ECL (APTIM monitoring report), thus the accessible beach area is (171 feet) X (16,103 feet) = 2,753,613 sq/ft

Recreational benefits (3 points)	Score	1.5
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Local Sponsor: 49.20%

Department: Municipal Beach (6,538 ft), Atlantic Dunes and Ocean Park (505 ft), Beachfront Public Lodging (864 ft). Total 7,907 ft/16,103 ft= 49.1%

Percentage: 49.1%

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

Department: Project is not within an area of inlet influence, therefore not eligible for the award of points.

CEG calculated value: 0

Volume/mile/year (5 points)	Score	3.2
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Local Sponsor: N/A

Department: Volume = 806,603 cy, Length = 16,103 ft, Nourishment Interval = 8 yrs

CEG calculated value: 33,060.00

Tier 4		
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Successive unfunded requests (5 points)	Score	0
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Local Sponsor: No

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

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 17.7% 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	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: 0303553-010-JM (exp 01/27/2027)
Fed: SAJ-1998-90053(SP-LCK) (exp 03/22/2027)

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, signed 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