

FY2023/2024 Local Government Funding Request

Draft Beach Project Assessment

Project Name	North County Comprehensive Shore Protection Project - Seg 1 - Jupiter/Carlin
Local Sponsor	Palm Beach County

Initial Assessment	8/15/2022
Group Assessment	9/1/2022
Draft Assessment	9/14/2022
Final Review	

Project Description
The Jupiter/Carlin Shore Protection Project is located between DEP monuments R13 and R19 in Palm Beach County. The federally-authorized project was restored in 1995 and nourished in 2002. The project receives routine bypass material from Jupiter Inlet. A dune restoration project was completed in January 2013 in response to Hurricane Sandy. The federal storm repair project was completed by the U.S. Army Corps of Engineers (USACE) in April 2015 and was combined with sand bypassing from the Jupiter Inlet District (JID) and a local-option truck haul project from Palm Beach County (PBC). Sand was placed within the project by JID in early 2017. The USACE completed an FCCE Storm repair project in FY 19/20 that restored storm losses due to Hurricane Irma. A follow up re-nourishment was completed December 2021 The requested funds are for Monitoring and Design. 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)
Monitoring and Design

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	\$125,000	\$125,000	\$250,000
Construction	0.00%	\$0	\$0	\$0	\$0
Year 1 Monitoring	50.00%	\$0	\$0	\$0	\$0
Year 2+ Monitoring	0.00%	\$0	\$75,000	\$75,000	\$150,000
Total Project Costs		\$0	\$200,000	\$200,000	\$400,000

Federal cost share %	0.00%
Federal agency and description	

TOTAL PROJECT SCORE (100 points)	17.8
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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: Only projects requesting construction funds are eligible for the award of point.

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

Economic impact (10 points)	Score	4.1
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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: Yes - authorized 1994-2039

Department: PCA not for applicable phase to this application. Not eligible for the award of points.

Federal cost share (5 points)	Score	0
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Local Sponsor: 54%

Department: No USACE project agreement, work plan, or federal funds incl.

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: -75,200 cy (1990-2017)

Department: The most recent beach restoration was completed in December 2021. An updated 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 December 2021. The design berm 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: 0

Value of upland property (5 points)	Score	0.2
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Local Sponsor:

Department: Calculated by GIS with 2021 data.

Total value: \$432,065,494.00

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	0
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Local Sponsor: n/a

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

Value: 0

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	3
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Local Sponsor: None Proposed

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	2.2
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Local Sponsor: N/A

Department: Fiscal year 2013/2014 through 2022/2023

Total funds: \$9,255,000.00

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

Department: Not eligible for the award of point. Did not receive partial apr.

Recreational benefits

Accessible beach area (2 points)	Score	0
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Local Sponsor:

Department: Jupiter-Carlin Beach Restoration Project - Permit Drawings, Taylor Engineering Inc., June 2013. Calculated by CEG/GIS.

Total area: 38,301 ft²

Recreational benefits (3 points)	Score	2.3
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Local Sponsor: Jupiter Beach Park 1498 feet, Jupiter Beach Resort 400 ft, Carlin Park, 2360 ft - Total 4511/5597 = 76%

Department: Verified

Percentage: 76%

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

Department: Jupiter Inlet sand bypassing activities are meeting the bypassing objective. Therefore, the project is not eligible for the award of points.

CEG calculated value: 0

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: 0

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: Blank

Department:

The project boundary intersects critical habitat area. The shoreline is 22.4% 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: Eligible for the award of point

Department: Verified

Active permits (1 point)	Score	1
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Local Sponsor: State 0303863-006 JM (exp 2033)
Fed SAJ-2017-00019 (MOD-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: Yes - Draft resolution submitted with application

Department: Draft Resolution submitted by application deadline

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

Department: Verified