

FY2023/2024 Local Government Funding Request

Final Beach Project Assessment

Project Name	Mid-Town 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 Mid-Town Beach Nourishment includes 2.8 miles of shoreline between DEP Range Monuments R-89 and R-102 in Palm Beach County. Restoration was completed in 1995 from R-95 to R-100 and included the construction of 11 groins. In 2003, nourishment was completed in an extended shoreline length between R-90.4 and R-101.4. The project was nourished using FEMA funds in 2006 and in FY10/11. The project was included in the 2013 Palm Beach Island Beach Management Agreement Pilot Project. The next nourishment was completed in April 2015. Construction of an additional groin at R-99 was completed in May 2018. The most recent nourishment was completed in May 2020 and it was the first nourishment performed with federal cost share. The Town signed a Project Partnership Agreement with the USACE in 2019 to have the Mid-Town Segment included within the Palm Beach County Federal Shore Protection Project. The requested funds are for design. Staff have determined that 95.83% 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

State cost share %	47.91%
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Project Budget Table					
	State %	Federal	State	Local	Total
Feasibility	0.00%	\$0	\$0	\$0	\$0
Design	47.91%	\$0	\$694,695	\$755,305	\$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	\$694,695	\$755,305	\$1,450,000

Federal cost share %	0.00%
Federal agency and description	

TOTAL PROJECT SCORE (100 points)	30.5
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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 for this FY are 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	5
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Local Sponsor: Yes

Department: PPA provided by LS authorizes design and construction phases.

Federal cost share (5 points)	Score	0
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Local Sponsor: 50.30%

Department: No federal funds involved with the applicable phase(design), therefore not eligible for the award of points.

Federal funds available (5 points)	Score	0
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Local Sponsor: Executed USACE Project Agreement.

Department: No federal funds included in budget table for the request phase. Not eligible for points.

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 May 2020. 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 May 2020 with no new post-construction survey to assess vulnerability. Therefore, the design profile remains intact and provides storm damage protection to the upland property from the impacts of a 25 year storm event for 0 points.

CEG calculated value: 0

Value of upland property (5 points)	Score	4.8
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Local Sponsor:

Department: Calculated by GIS with 2021 data.

Total value: \$7,249,154,536.00

Cost-effectiveness

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

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: Enhanced Longevity, Dune Addition, Regionalization

Local Sponsor: FDEP Coastal Engineering Memo dated 8/29/2008 has addressed this item

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	2.7
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Local Sponsor:

N/A

Department:

Fiscal year 2013/2014 through 2022/2023

Total funds:

\$17,103,524.46

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

No

Department:

Verified

Recreational benefits

Accessible beach area (2 points)	Score	0.9
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Local Sponsor:

CP&E, 2003 Mid-Town Monitoring Report, August 2004, Table 4, Page

Department:

15. Calculated by CEG/GIS

Total area:

837,380 ft²

Recreational benefits (3 points)	Score	1.1
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Local Sponsor:

32.8% from previous assessments.

Department:

Wells Road 50 ft, Dunbar Road 50 ft, Root Trail 25 ft, Sunset Avenue 48
, Clark Avenue 665, Breakers 1430 ft, Mid Town Municipal Beach 2600 -
4868/13705 = 35.5 Removed atlantic and total project length
decreased.

Percentage:

35.50%

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

FDEP Coastal Engineering Memo from 8/29/2008 addresses this item

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:

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

CEG calculated value: 0 eligible for the award of points.

Tier 4

Successive unfunded requests (5 points)	Score	0
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Local Sponsor: 2+ years

Department: Received funding from FY17/18 through FY 22/23, not eligible for the award of points.

Environmental habitat enhancement (5 points)	Score	5
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Local Sponsor: Project is in a non-designated area where extensive shoreline armoring threatens the habitat of endangered species.

Local Sponsor: The FDEP BMA, signed by FWC, addressed best management practices for sea turtle nesting.

Department: The project location intersects a critical habitat area. 94% of the project length is armored which exceeds the 30% threshold and is eligible for the award of 3 points. The BMA is designed for net ecosystem benefit and therefore eligible for 2 additional points.

Overall readiness to proceed

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

Department: Eligible for the additional point.

Active permits (1 point)	Score	0
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Local Sponsor: State (BMA), Federal SAJ-1995-03779 (SP-LCK)

Department: State permit is eligible but federal permit listed expired in 2017.

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