

FY2025/2026 Local Government Funding Request

Final Beach Project Assessment

Project Name	St. Joseph Peninsula Beach Nourishment Project
Local Sponsor	Gulf County Board of County Commissioners

Initial Assessment	8/23/2024
Group Assessment	8/27/2024
Draft Assessment	9/3/2024
Final Review	10/8/2024

Project Description
The 2008/2009 Beach Restoration Project was constructed between R-67 to R-105.5 with approximately 3.6 million cubic yards of beach compatible sand obtained from an offshore borrow area. A nourishment project was completed in Fall 2019 between R89.6 to R105.5 (16,254 feet; 3.08 miles) placing 710,000 cy from borrow site "F". After Hurricane Michael an emergency nourishment project placed 145,000 cy on the beach and dune system, with a subsequent dune project in 2021. The projects consists of Construction and year one and two monitoring. Staff has determined the project is eligible for a 76% cost share.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
Construction and Year 1 and 2 monitoring.

State cost share %	38.00%
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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	38.00%	\$0	\$1,835,400	\$2,994,600	\$4,830,000
Year 1 Monitoring	38.00%	\$0	\$114,000	\$186,000	\$300,000
Year 2+ Monitoring	38.00%	\$0	\$114,000	\$186,000	\$300,000
Total Project Costs		\$0	\$2,063,400	\$3,366,600	\$5,430,000

Federal cost share %	0.00%
Federal agency and description	N/A

TOTAL PROJECT SCORE (100 points)	39.9
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Tier 1

Tourism-related impacts

Return on investment (10 points)	Score	0.5
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Local Sponsor: Project is requesting construction funds.

Department: Verified

Construction + Year 1 Monitoring Cost: \$5,130,000.00

Value: 0.5

Economic impact (10 points)	Score	9.6
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Local Sponsor: N/A

Department: Gulf County, Most current complete calendar year data. Tourism-related sales tax data = \$10,309,515.96. County sales tax collections = \$19,828,572

Value: 51.99

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: N/A

Department: Verified

Storm damage reduction benefits

Current conditions (8 points)	Score	1.8
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Local Sponsor: N/A

Department: Beach nourishment was completed in November 2019 with the latest survey received by the Department in Month Year. 40.67% of the 395,335 cy of advanced nourishment was lost over this interval for a total score of $-\log(1-0.4067) \times 8 = 1.8$.

CEG calculated value: 0.41

Threat to upland development (2 points)	Score	0.3
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Local Sponsor: N/A

Department: The SBEACH model was run using Month Year Survey profiles for the 25-year return interval storm conditions for the beach segments. The model results were overlaid on aerial imagery and showed 1382.65 feet of unarmored property was threatened. This equates to 3.4% of the project length. Hence, the value for threat to upland development is 0.3 points.

CEG calculated value: 0.3

Value of upland property (5 points)	Score	2.5
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Local Sponsor: N/A

Department: Calculated by GIS with 2023 data.

Total value: \$1,187,647,908.00

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	8.1
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Local Sponsor: Sand placement vol = 800,000 cy; nourishment int = 6-8 years

Department: Construction cost = \$4,830,000, volume = 800,000 cy, length = 39,839 ft, nourishment interval = 7 yrs

Value: 0.115

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	5
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Local Sponsor: Requested construction costs are for the proposed construction of the submerged breakwaters in the southern end of St. Joseph Peninsula with proposed beach fill to pre-fill the structures. The proposed structures are anticipated to increase the current beach nourishment interval from 6 years to 8+ years reducing long term nourishment costs.

Department: Dune addition and Enhanced longevity have been verified by the Department and eligible for 5 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	2
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Local Sponsor: N/A

Department: Fiscal year 2015/2016 through 2024/2025
Total funds: \$13,957,194.59

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

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

Department:

Recreational benefits

Accessible beach area (2 points)	Score	0.7
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Local Sponsor: 150 feet proposed between ECL and Proposed MHWL in lee of structures. This may change with final design considerations

Department: Calculated by CEG/GIS Staff (23/24 LGFR assessment)
Total area: 1,156,170 sq/ft

Recreational benefits (3 points)	Score	0.9
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Local Sponsor: Length Project: 38,539 feet
Length of Recreation/Public Lands: 13,033 feet
Percent Designated Recreation/Public: 33.82%

Department: BMFA PM 12,014 ft / 39,839 ft
Percentage: 30.20%

Mitigation of inlet effects (5 points)	Score	0
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Local Sponsor: Project is not within a primary area of inlet influence

Department: Project is not within a primary area of inlet influence so not eligible for award of points

CEG calculated value: 0

Volume/mile/year (5 points)	Score	2.5
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Local Sponsor: N/A

Department: Volume = 800,000 cy, Length = 39,839 ft,
CEG calculated value: 15,238.00 Nourishment Interval = 7 yrs

Tier 4

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

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

Department:

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

The project boundary intersects critical habitat area. The shoreline is 3.5% armored which is less than the 30% threshold. Therefore, the project is not eligible for the award of points.

Department:

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: 0342057-009-JM (exp 12/21/2031)
Fed: SAJ-2006-04471 (SP-TLW) (exp 10/6/2027)

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

Draft Resolution was submitted by application deadline.

Department:

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

Department: Verified