

FY2025/2026 Local Government Funding Request

Final Beach Project Assessment

Project Name	Flagler County Shore Protection Project
Local Sponsor	Flagler County

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

Project Description
The Flagler County Shore Protection Project is located between DEP monuments R-46 through R-101 in Flagler County. The project is located in the municipalities of the Town of Beverly Beach, the City of Flagler Beach, and unincorporated areas of Painters Hill. The project encompasses approximately 9.7 miles (15.7 km; 51,400 feet) of Atlantic Ocean shoreline that have suffered from long-term sand loss exacerbated by the severe impacts of Hurricanes Matthew (2016), Irma (2017), Dorian (2019), and Ian (2022), and Nicole (2022). The federal project is expected to place approximately 1.3 million cy of offshore sandy material on the beach south of the pier and north of Gamble Rodgers State Park. Construction is expected to be completed in the fall of 2024. Cost share in this assessment only includes critically eroded areas (R-50 to R-57 and R-65.2 and R101) The requested funds are for Construction and Monitoring. Staff have determined that 89.1% of the project is eligible for state cost sharing.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
23/24 Design, 24/25: Construction Phase 2, Construction Phase 1 Monitoring YR 2, Construction Phase 2 Monitoring YR1, 25/26: Phase 1 Monitoring YR 3, Construction Phase 2, Monitoring YR 2

State cost share %	44.55%
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Project Budget Table					
	State %	Federal	State	Local	Total
Feasibility	0.00%	\$0	\$0	\$0	\$0
Design	44.55%	\$0	\$173,932	\$216,488	\$390,420
Construction	44.55%	\$0	\$2,923,594	\$3,638,906	\$6,562,500
Year 1 Monitoring	44.55%	\$0	\$25,059	\$31,191	\$56,250
Year 2+ Monitoring	44.55%	\$115,000	\$62,927	\$78,323	\$256,250
Total Project Costs		\$115,000	\$3,185,512	\$3,964,908	\$7,265,420

Federal cost share %	65.00%
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Federal agency and description	USACE Phase 1 Monitoring
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TOTAL PROJECT SCORE (100 points)	48.2
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Tier 1

Tourism-related impacts

Return on investment (10 points)	Score	0.9
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Local Sponsor: Project is requesting construction funds.

Department: Projects requesting construction funds are eligible for the points

Construction + Year 1 Monitoring Cost: \$2,948,653

Value: 4.1

Economic impact (10 points)	Score	6.8
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Local Sponsor: N/A

Department: Flagler County, most current complete calendar data. Tourism-related sales tax data = \$7,703,677.86. County sales tax collections = \$97,305,578

Value: 12.43

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	5
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Local Sponsor: 65%

Department: Verified

Federal funds available (5 points)	Score	5
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Local Sponsor: USACE PPA - project worksheet in attachments

Department: \$115,000.00

Storm damage reduction benefits

Current conditions (8 points)	Score	0
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Local Sponsor: N/A, no advanced nourishment

Department: Gave 0 points as the SCR of -0.5 ft/yr does not meet the -1 ft/yr threshold for allocation of points.

CEG calculated value: 0

Threat to upland development (2 points)	Score	0
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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 637 feet of unarmored property was threatened. This equates to 0.1% of the project length. Hence, the value for threat to upland development is 0.1 points.

CEG calculated value: 0.1

Value of upland property (5 points)	Score	3
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Local Sponsor: N/A

Department: Calculated by GIS with 2023 data.

Total value: \$1,668,744,399.00

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	9.5
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Local Sponsor: 1.7 Million CY every 6-8 years

Department: Construction cost = \$6,562,500, volume = 1,700,000 cy, length = 39,756 ft, nourishment interval = 7 yrs

Value: 0.073236

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

Department: Dune Verified 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	3
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Local Sponsor: N/A

Department: Fiscal year 2015/2016 through 2024/2025

Total funds: \$35,079,975

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
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Landward edge between R-65 and R-101 is bordered by State Road A1A.
Landward edge from R-46 - R-65 is bordered by oceanfront homes that have attempted to protect their property by building seawalls.

Local Sponsor:

Department: No history beach placement

Total area: 0

Recreational benefits (3 points)	Score	2.3
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Local Sponsor: Percentage commercial/recreational footage: 84.1%
Total Project Length: 51,400 ft
Length Commercial/Recreational/Public Lodging: 43,250 ft

Department: 40,222 /51,524 ft

Percentage: 78%

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

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

Department:

CEG calculated value:

Volume/mile/year (5 points)	Score	2.7
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Local Sponsor: N/A

Department: Volume = 1,700,000 cy, Length = 39,756 ft,
Nourishment Interval = 7 yrs

CEG calculated value: 32,253.89

Tier 4

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

Department: No

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. The proposed project beach fill template will comply with the template prescribed by the Statewide Programmatic Biological Opinion (2015).

Department: The project boundary intersects critical habitat area. The shoreline is 22.9% 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: Not eligible for point.

Active permits (1 point)	Score	0
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Local Sponsor: State:0379716-001-JC (exp 04/13/2024) Federal: SAJ-2019-02065 (SP-TMM) (exp 10/08/2035)

Department: Verified No

Easements acquired (1 point)	Score	0
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Local Sponsor: No

Department: Verified

Local funds secured (1 point)	Score	1
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Local Sponsor: Yes

Department: Signed resolution submitted

Erosion Control Line established (1 point)	Score	0
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Local Sponsor: Yes

Department: Verified No