

FY2022/2023 Local Government Funding Request

Draft Beach Project Assessment

Project Name	North St. Johns County Feasibility Study
Local Sponsor	St. Johns County

Initial Assessment	8/12/2021
Group Assessment	8/20/2021
Draft Assessment	8/31/2021
Final Review	

Project Description
The North St. Johns County Feasibility Study is located between DEP monuments R16.4 and R103.5 in St. Johns County, but only the shoreline from R26 to R31 and R76 to R103.5 is designated by the Department as critically eroded. The Jacksonville USACE District has received funding for a federal feasibility study for the full project area. The requested funds are for the federal feasibility study. Staff have determined that 100% of the feasibility study is eligible for state cost sharing.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
Feasibility

State cost share %	50.00%
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Project Budget Table					
	State %	Federal	State	Local	Total
Feasibility	50.00%	\$1,500,000	\$750,000	\$750,000	\$3,000,000
Design	0.00%	\$0	\$0	\$0	\$0
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		\$1,500,000	\$750,000	\$750,000	\$3,000,000

Federal cost share %	50.00%
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Federal agency and description	USACE
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TOTAL PROJECT SCORE (100 points)	20.4
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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 award of points.

Construction + Year 1 Monitoring Cost: N/A

Value: N/A

Economic impact (10 points)	Score	9
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Local Sponsor: N/A

Department: St. Johns County, 2020 data. Tourism-related sales tax data = \$30,494,141.91. County sales tax collections = \$242,172,298.8

Value: 12.59

Tier 2

Federal involvement

Federal authorization (5 points)	Score	0
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Local Sponsor: The project was federally authorized in 2000.

Department: Documentation needed to verify federal authorization in 2000.

Federal cost share (5 points)	Score	0
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Local Sponsor: 50%

Department: Federal cost share documentation required to be eligible for the award of points.

Federal funds available (5 points)	Score	0
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Local Sponsor: Project included in USACE work plan

Department: No documentation provided for the availability of federal funds for the feasibility study.

Storm damage reduction benefits

Current conditions (8 points)	Score	5.3
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Local Sponsor: N/A

Department: As this application is for a feasibility study of an area which has not been restored, the erosion rate provision is used. All survey data from 1972 through 2020 was utilized for all profiles within the critically eroded project area. The average rate of erosion for the project shoreline is -1.63 ft/yr.

CEG calculated value: 1.63

Threat to upland development (2 points)	Score	0.1
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Local Sponsor: N/A

Department: The Department applied the SBEACH model for the 25-year storm conditions, using newest profiles available in St. Johns County. Properties that are threatened but not protected by armoring total 165 feet, all located in the southern area. This represents only 0.5% of the total project length.

CEG calculated value: 0.50%

Value of upland property (5 points)	Score	1.5
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Local Sponsor: \$1,659,013,471

Department: Calculated by Department GIS staff with 2020 data.

Total value: \$528,810,479

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	0
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Local Sponsor: N/A

Department: Only projects requesting construction funds eligible for the award of points.

Value: N/A

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	0
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Local Sponsor: None proposed.

Department: Verified

Tier 3

Previous state commitment

Previously funded phases (1 point)	Score	0
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Local Sponsor: No previously funded phases.

Department: Verified

Total amount of previous funding (3 points)	Score	0.2
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Local Sponsor: N/A

Department: Fiscal year 2012/2013 through 2021/2022

Total funds: \$0.00

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

Department: Verified

Recreational benefits

Accessible beach area (2 points)	Score	0
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Local Sponsor: Project will take place from R16.4 to R103.5

Department: Proposed project is for a feasibility study and criteria cannot be calculated and therefore no points awarded.

Total area: N/A

Recreational benefits (3 points)	Score	0.3
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Local Sponsor: 10.80%

Department: Verified

Percentage: 10.80%

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

Department: Proposed project is for a feasibility study and criteria cannot be calculated and therefore no points awarded.

CEG calculated value: N/A

Volume/mile/year (5 points)	Score	0
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Local Sponsor:

Department: Only projects requesting construction funds eligible for the award of points.

CEG calculated value:

Tier 4

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

Department: Verified

Environmental habitat enhancement (5 points)	Score	3
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Local Sponsor: N/A

Department: Project is within a designated critical habitat area and 2.97 miles or 46.6% of the project shoreline is armored. With the addition of threat to upland structures, the 47.1% exceeds the 30% threshold of extensive armoring and is therefore eligible for the award of 3 points. To be eligible for an additional 2 points, documentation to support reasoning must be provided.

Overall readiness to proceed

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

Department: Not ready to construct.

Active permits (1 point)	Score	0
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Local Sponsor: No state or federal permits.

Department: Verified

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

Department: Verified

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

Department: Draft Resolution was submitted by application deadline.

Erosion Control Line established (1 point)	Score	0
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Local Sponsor: No ECL established.

Department: Verified