

FY2025/2026 Local Government Funding Request

Draft Inlet Project Assessment

Project Name	Sebastian Inlet Management Plan Implementation
Local Sponsor	Sebastian Inlet District

Initial Assessment	8/23/2024
Group Assessment	8/26/2024
Draft Assessment	9/3/2024
Final Review	

Project Description The Sebastian Inlet Management Plan Implementation Project is located between DEP monuments R215 and R219 in Brevard County and R1 and R17 in Indian River County. The District's Inlet Management Plan (IMP) was adopted in 2000, revised in 2005 via a Technical Advisory (TAC) and was updated in 2023. The district has placed 856,214 cy of sand on the beach within the permitted template since 2000. In 2010-2011, the District partnered with Indian River County to fund the placement of approximately 300,000 cy of beach compatible sand on downdrift beaches. Future IMP activities include continuing sediment bypassing of dredged sand trap and channel materials at a frequency of every 4-6 years, supplemental upland sand truck haul bypassing needed to meet the bypassing objective of the IMP, post-project required monitoring, and all other implementation strategies identified in the Sebastian IMP. The jetty project site is located at 9700 S Highway A1A in Brevard County, DEP Monument R219, Range 39 East, Township 30 South, Section 20, Atlantic Ocean, Class III Waters (Sebastian Inlet North Jetty). The North Jetty has been damaged by past hurricanes and other storms, and must be repaired to comply with the latest IMP. A blowout in the jetty wall is contributing to sediment accumulation in the inlet, and jetty maintenance is thus required under IMP strategy 5. The requested funds are for Design, Construction, and Monitoring. Staff have determined that the project is eligible for a 100% state cost share.

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

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	\$202,000	\$202,000	\$404,000
Construction	50.00%	\$0	\$4,350,000	\$4,350,000	\$8,700,000
Year 1 Monitoring	50.00%	\$0	\$215,000	\$215,000	\$430,000
Year 2+ Monitoring	50.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$4,767,000	\$4,767,000	\$9,534,000

TOTAL PROJECT SCORE (80 points)	41.1
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Sand reaching the inlet (10 points)	Score	6.4
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Local Sponsor: 127,749 cy (FDEP 2023)

Department:

Volume of sand: 127,749 cy/yr

Severity of erosion (10 points)	Score	7.5
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Local Sponsor: 90 kcy/yr (08-22); 75 kcy/yr (2023)

Department:

Target bypassing volume: 75,000 cy/yr

Balancing the sediment budget (10 points)	Score	5.8
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Local Sponsor: 53,410 cy

Department:

For the 24 year period since adoption of the IMP in 2000, the average volume bypassed is 58.2% of the average bypassing objective.

CEG calculated value: 58.20%

Increased bypassing improvements (10 points)	Score	0
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Local Sponsor: No increase in annual bypassing is proposed

Department:

Verified.

CEG calculated value: 0

Cost-effectiveness of using inlet sand (10 points)	Score	0
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Local Sponsor: None

Department:

0

Inlet Management Plans

Existing IMP (5 points)	Score	5
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Local Sponsor: Yes

Department:

Verified.

Updated IMP (5 points)	Score	5
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Local Sponsor: Yes

Department:

Verified.

New IMP (10 points)	Score	0
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Local Sponsor: No

Department: Verified.

Enhanced longevity of proximate beach projects (10 points)	Score	5.3
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Local Sponsor: 76.23%

Department: 1,007,977 cy of sand has been placed on proximate beach projects since adoption of the IMP in 2000. The Bypassing and Nourishment Volume since IMP adoption totals 2,163,041 cy.

CEG calculated value: 53.40%

Criteria in 161.101(14) applicable to inlets

Active permits (1 point)	Score	1
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Local Sponsor: State: 0270746-006-JC;
Federal: SAJ-1992-01224

Department: Verified.

Federal funds available (3 points)	Score	0
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Local Sponsor: No

Department: Verified.

Total amount of previous state funding (4 points)	Score	3
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Local Sponsor: N/A

Department: Fiscal year 2015/2016 through 2024/2025
Total funds: \$4,641,986.00

Secured local funds (2 points)	Score	2
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Local Sponsor: Yes

Department: Signed Resolution was submitted by application deadline.