

FY2025/2026 Local Government Funding Request

Final Inlet Project Assessment

Project Name	St. Lucie Inlet Management Plan Implementation
Local Sponsor	Martin County Board of County Commissioners

Initial Assessment	8/23/2024
Group Assessment	8/26/2024
Draft Assessment	9/3/2024
Final Review	10/8/2024

Project Description The St. Lucie Inlet Management Plan Implementation Project is located between DEP monuments R44 and R45 in Martin County. The Inlet Management Plan (IMP) was adopted in 1996, and since then, regular sand bypassing has been conducted on a 4-5 year cycle, with the placement of over 3.28 million cubic yards of sand on the beaches of Jupiter Island to the south of the inlet. The latest update to the IMP was adopted in 2023. The updated IMP calls for sand bypassing to both the Town of Jupiter Island (163,000 cy/year) to the south and Bathtub Beach/Sailfish Point (36,000 cy/year) to the north. The updated IMP does not specify the project length. The requested funds are for design/permitting, monitoring Bathtub Beach year 2, St. Lucie State Park year 3, Borrow Area B year 1, and construction from Borrow Area B to the Town of Jupiter Island. Staff have determined that the project is eligible for a 50% state cost share.
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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	\$150,000	\$150,000	\$300,000
Construction	50.00%	\$0	\$6,000,000	\$6,000,000	\$12,000,000
Year 1 Monitoring	50.00%	\$0	\$0	\$0	\$0
Year 2+ Monitoring	50.00%	\$0	\$525,000	\$525,000	\$1,050,000
Total Project Costs		\$0	\$6,675,000	\$6,675,000	\$13,350,000

TOTAL PROJECT SCORE (80 points)	50.4
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Sand reaching the inlet (10 points)	Score	10
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Local Sponsor: 274,000 cy

Department:
Volume of sand: 265,000 cy/yr

Severity of erosion (10 points)	Score	10
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Local Sponsor: 202,000 cy/yr

Department:
Target bypassing volume: 199,000 cy/yr

Balancing the sediment budget (10 points)	Score	10
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Local Sponsor: On an annual average basis:
163,000 cy bypassed to the south
36,000 cy bypassed to the north

Department: For the 8 year period since adoption of the IMP in 2016, the average volume
bypassed is 114.1% of the average bypassing objective.
CEG calculated value: 114.10%

Increased bypassing improvements (10 points)	Score	0
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Local Sponsor: None.
Department: Verified.
CEG calculated value: 0

Cost-effectiveness of using inlet sand (10 points)	Score	0
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Local Sponsor: N/A (not initial inlet management project)
Department: Verified.

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	3.4
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Local Sponsor: The County has bypassed 2,210,167 cy of sand both north and south from
the inlet to the beaches.
Department: 1,784,932 cy of the 5,320,376 cy placed on proximate beaches (33.5%)
comes from inlet bypassing.

CEG calculated value: 33.5

Criteria in 161.101(14) applicable to inlets

Active permits (1 point)	Score	1
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Local Sponsor: State: 0269814-014-JM
Federal: SAJ-1996-05620

Department: Verified.

Federal funds available (3 points)	Score	0
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Local Sponsor: Yes.

Department: No federal funding source specified.

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

Department: Fiscal year 2015/2016 through 2024/2025
Total funds: \$29,198,449.86

Secured local funds (2 points)	Score	2
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Local Sponsor: Resolution going to the board on August 27th.

Department: Signed Resolution was submitted by application deadline.