

FY2025/2026 Local Government Funding Request

Final Inlet Project Assessment

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

Initial Assessment	8/20/2024
Group Assessment	8/29/2024
Draft Assessment	9/3/2024
Final Review	10/8/2024

Project Description
The Jupiter Inlet is located between DEP monuments R12 and R13 in Palm Beach County. The sand trap was first dredged in 1966, and has been dredged twenty-one times since. The FDEP Inlet Management Plan (IMP) was not established until 1997. A cutterhead dredge is most often utilized to excavate sand from the trap and pump it onto the beach immediately downdrift of Jupiter Inlet to restore and stabilize the shoreline. The beach placement area is one mile south of the inlet from DEP monuments R13 and R19. The United States Army Corps of Engineers (USACE) and/or Palm Beach County also nourishes the downdrift beach. The most recent sand trap dredging completed in 2024. The requested funds are for engineering construction plans, specifications, construction and environmental monitoring. Staff have determined that the project is eligible for a 50% state cost share.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
Construction (Sand Trap, Beach Fill, Surveys and Beach Tilling- Current & cost reimbursement for FY24/25)

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	0.00%	\$0	\$0	\$0	\$0
Construction	50.00%	\$0	\$1,999,043.20	\$1,999,043.20	\$3,998,086.40
Year 1 Monitoring	0.00%	\$0	\$0	\$0	\$0
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$1,999,043.20	\$1,999,043.20	\$3,998,086.40

TOTAL PROJECT SCORE (80 points)	48.4
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Sand reaching the inlet (10 points)	Score	10
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Local Sponsor: 276,000 cy from 2024 Sediment Budget Study

Department: Value obtained from Volume of Sand / 20,000

Volume of sand: 230,000 cy

Severity of erosion (10 points)	Score	7.5
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Local Sponsor: Annual bypassing objective 75,000 cy from IMP

Department: Value obtained from Volume of Sand / 10,000
Target bypassing volume: 75,000 cy

Balancing the sediment budget (10 points)	Score	10
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Local Sponsor: 84,868 cy- Sediment budget updated in 2024

Department: The annual target bypassing is 75,000 cy/yr. For the 27 year period from adoption of the IMP in 1997 through 2024, the inlet has bypassed on average 81,304 cy/yr, or 108.4% of this target.

CEG calculated value: 108.4%

Increased bypassing improvements (10 points)	Score	0
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Local Sponsor: No estimated increase in annual bypassing at this time.

Department: Increased bypassing has not been proposed, not eligible for the award of points.

CEG calculated value: N/A

Cost-effectiveness of using inlet sand (10 points)	Score	0
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Local Sponsor: No

Department: Proposed project does not include the construction of a major inlet management project component, not eligible for the award of points.

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	5.27
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Local Sponsor: 84,868 cy on average placed annually in the Jupiter-Carlin Beach Project area south of the inlet since IMP adoption (2,291,435 cy placed in total).

Department:

Since the Jupiter IMP there has been 4,165,004 cy placed on the Jupiter-Carlin SPP Beach Project to the south of the inlet. The bypass amount from the inlet dredging is 2,195,195 cy of this amount which is 52.7% of the total fill amount.

CEG calculated value: 52.7%

Criteria in 161.101(14) applicable to inlets

Active permits (1 point)	Score	1
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Local Sponsor: State: 0134395-001-JC (exp 03/26/2026)
Fed: SAJ-1989-00506 (SP-JKA) (exp 12/11/2025)

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	2.67
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Local Sponsor: N/A

Department: Fiscal year 2015/2016 through 2024/2025
Total funds: \$3,883,477.10

Secured local funds (2 points)	Score	2
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Local Sponsor: Yes, draft resolution submitted with application.

Department: Signed Resolution was submitted by application deadline.