

FY2025/2026 Local Government Funding Request

Final Inlet Project Assessment

Project Name	Boca Raton Inlet Management Plan Implementation
Local Sponsor	City of Boca Raton

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

Project Description
The Boca Raton Inlet is located between DEP monuments H222 and R223 in Palm Beach County. The inlet has been dredged since 1972, and the FDEP Inlet Management Plan (IMP) was adopted in 1997. The dredging of the inlet interior and throat is conducted with the City-Owned dredge operated by City staff. The excavated sand is placed on the beach landward of the mean high water line, within 500 feet south of the south jetty. The bypassing objective was revised and increased to 83,000 cy/yr in 2004, and the sediment budget was updated in 2017. Beginning in 2024, physical monitoring of the Boca Raton Inlet occurs annually in conjunction with the City Wide beach and shoreline monitoring. The requested funds are for annual bypassing and physical 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 (Bypassing- Current) and Monitoring (Annual Physical Monitoring- Current)

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	\$62,500	\$62,500	\$125,000
Year 1 Monitoring	50.00%	\$0	\$15,800	\$15,800	\$31,600
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$78,300	\$78,300	\$156,600

TOTAL PROJECT SCORE (80 points)	38.2
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Sand reaching the inlet (10 points)	Score	5
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Local Sponsor: 141,400 cy/yr

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

Volume of sand: 100,000 cy

Severity of erosion (10 points)	Score	8.3
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Local Sponsor: Annual bypassing objective 83,000 cy/yr

Department: Value obtained from Volume of Sand / 10,000

Target bypassing volume: 83,000 cy

Balancing the sediment budget (10 points)	Score	10
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Local Sponsor: 99,200 cy/yr (2017 - 2024) - sediment budget updated in 2016

Department: The annual target bypassing is 79,533 cy/yr. For the 27 year period from adoption of the IMP in 1997 through 2024, the inlet has bypassed on average 83,453 cy/yr, or 104.9% of this target.

CEG calculated value: 104.90%

Increased bypassing improvements (10 points)	Score	0
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Local Sponsor: ~48,000 cy/yr and bypassing is at 124% of goal since 2012

Department: Project is already meeting bypassing objective. Not eligible for 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	0
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Local Sponsor: No

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	6.61
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Local Sponsor: 54,600 cy/yr (2012-2024)

Department: Since the 1997 IMP there has been 3,409,124 cy placed to the south of the inlet. The bypass amount from the inlet dredging is 2,253,237 cy of this amount which is 66.1% of the total fill amount.

CEG calculated value: 66.1%

Criteria in 161.101(14) applicable to inlets

Active permits (1 point)	Score	0
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Local Sponsor: State: 0208818-003-JN (exp 07/15/2029)
Fed: Expired

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	1.33
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Local Sponsor: N/A

Department: Fiscal year 2015/2016 through 2024/2025
Total funds: \$1,658,700.00

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

Department: Signed Resolution was submitted by application deadline.