

FY2025/2026 Local Government Funding Request

Final Inlet Project Assessment

Project Name	Port Everglades Inlet Management Plan Implementation
Local Sponsor	Broward County

Initial Assessment	8/20/2024
Group Assessment	8/27/2024
Draft Assessment	9/3/2024
Final Review	10/8/2024

Project Description The federally-authorized Port Everglades Inlet is located between DEP monuments R85 and R86 in Broward County. Evaluations date back to 1963 by the United States Army Corps of Engineers (USACE), but the DEP adopted the Inlet Management Plan (IMP) in May 1999. Only recently has sand bypassing at the inlet been demonstrated to be economically feasible. The overall sand bypassing program requires initial construction of a sand trap, along with multiple associated structural tasks, to be able to place beach compatible sand within the prescribed area of beach and dunes. Sand trap construction is anticipated to be complete by the end of 2025. The first bypassing event will commence 2-4 years after initial project components are complete, and additional bypass events will be required every 2-4 years following. The requested funds are for consultant contract admin and oversight (design), recent sand trap construction, jetty and groin work, mitigation reef work, rubble shoal work and boulder barrier work (construction), and post-construction monitoring. Staff have determined that the project is eligible for a 50 and 75% state cost share.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
Design (Consultant Contract- Current), Construction (Jetty/groin/reef/rubble shoal/boulder barrier work- Current; & Sand Trap- cost reimbursement for FY23/24), and Monitoring (Current & cost reimbursement for FY24/25)

State cost share %	75% and 50%
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Project Budget Table					
	State %	Federal	State	Local	Total
Feasibility	0.00%	\$0	\$0	\$0	\$0
Design	50.00%	\$0	\$613,358.00	\$613,358.00	\$1,226,716.00
Construction	75.00%	\$0	\$40,268,985.00	\$13,422,995.00	\$53,691,980.00
Year 1 Monitoring	50.00%	\$0	\$926,656.50	\$926,656.50	\$1,853,313.00
Year 2+ Monitoring	50.00%	\$0	\$85,763.67	\$85,763.66	\$171,527.33
Total Project Costs		\$0	\$41,894,763.17	\$15,048,773.16	\$56,943,536.33

TOTAL PROJECT SCORE (80 points)	21.3
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Sand reaching the inlet (10 points)	Score	2.3
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Local Sponsor:

Data from 1979 to 2011: 54,350 cy

Department:

Value obtained from Volume of Sand / 20,000

Volume of sand:

46,000 cy

Severity of erosion (10 points)	Score	4.2
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Local Sponsor: Annual bypassing objective 44,000 cy

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

Target bypassing volume: 41,700 cy

Balancing the sediment budget (10 points)	Score	2.2
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Local Sponsor: 8,900 cy/yr (20% of IMP objective); Annual bypassing rate for previous 10 years = 16,020 cy/yr (36% IMP objective)
2006, JCP No. 0163435-001-JC / 0226688-001-JC: Volume 44,200 cy; 2013, JCP No. 0220509-001-JC: Volume 116,00 cy

Department: The annual average target bypassing is 43,448 cy/yr. For the 25 year period from adoption of the IMP in 1999 through 2024, the inlet has bypassed on average 9,378 cy/yr, or 21.6% of this target.

CEG calculated value: 21.60%

Increased bypassing improvements (10 points)	Score	0
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Local Sponsor: 36,000-54,000 cy/yr, and shortfall 35,100 cy/yr

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: Yes

Department: Proposed project does not provide a cost-estimate of the \$/yr for improvements, 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	0.99
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Local Sponsor: 40,000-60,000 cy/yr on beaches downdrift

Department:

Since the 1999 IMP there has been 2,379,509 cy placed on the Broward County SPP Segment 3 Beach Project to the south of the inlet. The bypass amount from the inlet dredging is 234,439 cy of this amount which is 9.9% of the total fill amount.

CEG calculated value:

9.90%

Criteria in 161.101(14) applicable to inlets

Active permits (1 point)	Score	1
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Local Sponsor:

State: 0289308-004-JC (exp 02/03/2032)
Fed: SAJ-2008-02034(SP-SLR) (exp 08/06/2035)

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	3.56
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Local Sponsor:

N/A

Department:

Fiscal year 2015/2016 through 2024/2025

Total funds:

\$20,469,349.00

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

Yes

Department:

Signed Resolution was submitted by application deadline.