

FY2025/2026 Local Government Funding Request

Draft Inlet Project Assessment

Project Name	Wiggins Pass IMP Implementation
Local Sponsor	Collier County

Initial Assessment	8/23/2024
Group Assessment	8/27/2024
Draft Assessment	9/2/2024
Final Review	

Project Description
The Wiggins Pass Inlet is located between DEP monuments R16 and R17 in Collier County. Collier County conducted periodic maintenance dredging between 1984 and 2000. The dredged sand was placed on beaches north and south of the inlet. Wiggins Pass has been dredged every two years since between 2003 and 2015. The Department adopted a New Wiggins Pass - Inlet Management Plan in April 2018. Since then Wiggins Pass was dredged in 2018 and 2020. Due to storms in 2020 the inlet needed an emergency dredging to remove shoals. That dredging was completed between January 2022 and March 2022. The next dredging is to take place in 2025/2026. The requested funds are for permitting, construction, and monitoring. Staff have determined that the project is eligible for a 100% cost share.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
Permitting (current FY25/26 reimbursement), construction (current FY25/26 reimbursement) and monitoring (yearly, current FY25/26).

State cost share %	50.00%
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Project Budget Table					
	State %	Federal	State	Local	Total
Feasibility	0.00%	\$0.00	\$0.00	\$0.00	\$0.00
Design	50.00%	\$0.00	\$50,000.00	\$50,000.00	\$100,000.00
Construction	50.00%	\$0.00	\$800,000.00	\$800,000.00	\$1,600,000.00
Year 1 Monitoring	0.00%	\$0.00	\$0.00	\$0.00	\$0.00
Year 2+ Monitoring	50.00%	\$0.00	\$60,000.00	\$60,000.00	\$120,000.00
Total Project Costs		\$0.00	\$910,000.00	\$910,000.00	\$1,820,000.00

TOTAL PROJECT SCORE (80 points)	27
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Sand reaching the inlet (10 points)	Score	0.8
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Local Sponsor: 20,600 cy per year

Department:
Volume of sand: 7,800 cy per year

Severity of erosion (10 points)	Score	1.4
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Local Sponsor: 20,600 cy per year (1/3 south and 2/3 north)

Department:
Target bypassing volume: 6,867 cy per year

Balancing the sediment budget (10 points)	Score	10
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Local Sponsor: 40,225 cy since 2018. A new study was completed in 2012, permitted and initiated in 2014, FDEP approved the final plan in April 2018. Since adoption, the bypassing objectives have been met.

Department: For the 6 year period since adoption of the IMP in 2018, the annual average volume bypassed is 169.9% of the bypassing objective.

CEG calculated value: 169.90%

Increased bypassing improvements (10 points)	Score	0
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Local Sponsor: None proposed at this time.

Department: The project currently meets the bypassing target and therefore ineligible for the award of points.

CEG calculated value: 0

Cost-effectiveness of using inlet sand (10 points)	Score	0
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Local Sponsor: Yes

Department: Proposed project did not provide estimates of cost per cy improvements, therefore not eligible for 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	6.8
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Local Sponsor: 57,910 cy per year

Department: Since the Wiggins Pass IMP there has been 307,287 cy placed on the Collier County Beach Project. The bypass amount from the inlet dredging is 209,947 cy of this amount which is 68.3% of the total fill amount.

CEG calculated value: 68.30%

Criteria in 161.101(14) applicable to inlets

Active permits (1 point)	Score	1
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Local Sponsor: Yes
State: 0142538-015-JN (1/2/2028)
Federal: SAJ-2004-07621(IP-MJD) (2/13/2025)

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
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Local Sponsor: N/A

Department: Fiscal year 2015/2016 through 2025/2026
Total funds: \$3,129,820.50

Secured local funds (2 points)	Score	0
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Local Sponsor: Yes

Department: Draft Resolution was not submitted by application deadline.