

FY2023/2024 Local Government Funding Request

Final Inlet Project Assessment

Project Name	Blind Pass IMP Feasibility
Local Sponsor	Lee County

Initial Assessment	8/10/2022
Group Assessment	9/7/2022
Draft Assessment	9/15/2022
Final Review	10/20/2022

Project Description
Blind Pass is located between Sanibel and Captiva Islands. The project site includes the Gulf of Mexico shoreline between R-110 and R-118 on Sanibel Island in Lee County, Florida. Prior to the opening of Redfish Pass in 1921, Blind Pass was a more substantial inlet with a larger tidal prism. The Blind Pass ebb shoal associated with the larger tidal prism most likely helped maintain the seaward position of the south end of Captiva Island and the north end of Sanibel Island. In December 2008, Lee County began dredging to re-open Blind Pass, which was completed on July 31, 2009. With ongoing maintenance dredging, the pass has remained open and the dredge material has been placed downdrift on Sanibel Island. Lee County and DEP sponsored an inlet management study of Blind Pass, which compiled new and historical data and information regarding its coastal processes and inlet and shoreline dynamics, updated its sediment budget, and developed feasible alternatives for the mechanical transfer of sand from the inlet to the beaches south of the inlet. Project is a Feasibility study. DEP staff have determined that 100% of the project is eligible for state cost sharing.

Funds will be used for (list project phase, specify which phase is reimbursement, if applicable)
Feasibility

State cost share %	50.00%
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Project Budget Table					
	State %	Federal	State	Local	Total
Feasibility	50.00%	\$0	\$235,000	\$235,000	\$470,000
Design	0.00%	\$0	\$0	\$0	\$0
Construction	0.00%	\$0	\$0	\$0	\$0
Year 1 Monitoring	0.00%	\$0	\$0	\$0	\$0
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$235,000	\$235,000	\$470,000

TOTAL PROJECT SCORE (80 points)	19.7
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Sand reaching the inlet (10 points)	Score	5.1
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Local Sponsor: 51000 cy

Department: Value obtained from Blind Pass IMP sediment budget (2017)

Volume of sand: 51,000 cy/yr

Severity of erosion (10 points)	Score	4.2
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Local Sponsor: 21000 cy

Department: Value obtained from the Annual Inlet Report
Target bypassing volume: 21000 cy/yr

Balancing the sediment budget (10 points)	Score	0
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Local Sponsor: N/A: Data being collected - IMP 2019

Department: Inlet bypassing event has not occurred since adoption of IMP
CEG calculated value: 0

Increased bypassing improvements (10 points)	Score	0
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Local Sponsor: N/A: status quo

Department: Project is not requesting construction funds and
therefore not eligible 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: N/A

Department: Project is not requesting construction funds and therefore 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 - 22LE5 & 17LE1

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
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Local Sponsor: Bypassing only

Department: Inlet bypassing event has not occurred since adoption of IMP

CEG calculated value: 0%

Criteria in 161.101(14) applicable to inlets

Active permits (1 point)	Score	1
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Local Sponsor: Yes

Department: State: 0265943-008-JN (12/9/2026) Fed: SAI-2006-03865(RWR-MOD) (Expired)

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	2.4
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Local Sponsor: N/A

Department: \$1,831,873.60

Total funds: \$1,831,873.60

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

Department: Draft Resolution was submitted by application deadline.