

FY2022/2023 Local Government Funding Request

Final Beach Project Assessment

Project Name	Anna Maria Island Beach Nourishment (Non-federal)
Local Sponsor	Manatee County

Initial Assessment	8/10/2021
Group Assessment	8/18/2021
Draft Assessment	8/31/2021
Final Review	9/27/2021

Project Description
The Anna Maria Island Beach Nourishment Project is located between DEP monuments R33 and R41+325' in Manatee County. The Project includes the Coquina Beach Nourishment, Longboat Pass jetty, and Cortez Beach groins. The Project was restored in 2011 and nourished in 2014 and the Cortez Beach groins were reconstructed in 2016. A storm repair project was completed in 2021 in coordination with the Manatee County Shore Protection Project with FEMA funds from Hurricane Hermine and Hurricane Irma. The requested funds are for the construction of two structural projects: Coquina Beach stabilization and Longboat Pass jetty repair as well as the year 1 post-construction physical and sea turtle monitoring of the Coquina Beach stabilization and year 2 post-construction sea turtle and shorebird monitoring for the 2020 Coquina Beach Nourishment Project. 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)
Construction and Monitoring

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	\$2,175,000	\$2,175,000	\$4,350,000
Year 1 Monitoring	50.00%	\$0	\$9,650	\$9,650	\$19,300
Year 2+ Monitoring	50.00%	\$0	\$12,600	\$12,600	\$25,200
Total Project Costs		\$0	\$2,197,250	\$2,197,250	\$4,394,500

Federal cost share %	0.00%
Federal agency and description	N/A

TOTAL PROJECT SCORE (100 points)	23
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Tier 1

Tourism-related impacts

Return on investment (10 points)	Score	4
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Local Sponsor: Project is requesting construction funds.

Department: Verified

Construction + Year 1 Monitoring Cost: \$2,184,650.00

Value: 15.9

Economic impact (10 points)	Score	6
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Local Sponsor: N/A

Department: Manatee County, 2020 data. Tourism-related sales tax data = \$34,658,178.46. County sales tax collections = \$382,290,550.65

Value: 9.07

Tier 2

Federal involvement

Federal authorization (5 points)	Score	0
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Local Sponsor: No

Department: Verified

Federal cost share (5 points)	Score	0
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Local Sponsor: No

Department: Verified

Federal funds available (5 points)	Score	0
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Local Sponsor: FEMA Project Worksheet submitted for damages to Coquina Beach. The 2020/2021 Coquina Beach FEMA repair project is being constructed under the Longboat Pass navigational maintenance dredging and beach nourishment permit.

Department: The FEMA Project Worksheet is not for the proposed funding request and therefore not eligible for the award of points.

Storm damage reduction benefits

Current conditions (8 points)	Score	0
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Local Sponsor: Between Sept. 2017 and Jan. 2021 there was 15,130 cy loss above MHW and between Jan. 2020 and Jan. 2021 there was 100,811 cy gain above MHW. Erosion rate: 1.9 ft/yr

Department: This area was nourished in 2020 and again in March 2021 the FEMA Coquina Beach Storm Damage Restoration was completed, which has replenished the advanced nourishment, therefore no points awarded.

CEG calculated value: 0

Threat to upland development (2 points)	Score	0
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Local Sponsor: N/A

Department: The 2020 nourishment and 2021 storm restoration are expected to protect upland structures from a 25-year storm event, therefore no points awarded.

CEG calculated value: 0

Value of upland property (5 points)	Score	0.3
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Local Sponsor: \$75,672,359

Department: Calculated by Department GIS staff with 2020 data.

Total value: \$202,537,794

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	0
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Local Sponsor: Jan. 2020 to Jan. 2021 post-construction beach volume for Coquina Beach: 124,176 cy to DOC; nourishment interval: 4.5 years

Department: Proposed construction project is for structures and does not include sand placement and is therefore no eligible for the award of points.

Value: N/A

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	3
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Local Sponsor: Enhanced longevity: the Longboat Pass jetty rehabilitation project and Coquina Beach stabilization structures project enhance longevity of the Coquina Beach nourishment projects.

Department: Verified and eligible for the award of points for enhanced longevity as the proposed project is expected to extend the beach nourishment interval.

Tier 3

Previous state commitment

Previously funded phases (1 point)	Score	1
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Local Sponsor: Yes

Department: Verified

Total amount of previous funding (3 points)	Score	2.4
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Local Sponsor: N/A

Department: Fiscal year 2012/2013 through 2021/2022

Total funds: \$12,866,109.00

Previous partial appropriation (1 point)	Score	0
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Local Sponsor: No

Department: Verified

Recreational benefits

Accessible beach area (2 points)	Score	0.3
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Local Sponsor: Total area between the 2019 MHW and the ECL is approximately 315,369 sq ft. Project boundaries: R33 to R41+325'. Coquina Beach stabilization structures are located from R36 to R41. Longboat Pass jetty is located near R41.

Department: The 1991 USACE GDM states a design of a 50 foot berm followed by 1V:11H to MHW which equates to a width of 91.5 feet. Multiplied by 7,791 feet in length yields 712,877 square feet.

Total area: 712,877

Recreational benefits (3 points)	Score	3
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Local Sponsor: 100% recreational

Department: Verified

Percentage: 100%

Mitigation of inlet effects (5 points)	Score	0
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Local Sponsor: N/A

Department: Target bypassing for Longboat Pass has not been adopted and no mitigation is needed, therefore zero points.

CEG calculated value: N/A

Volume/mile/year (5 points)	Score	0
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Local Sponsor: N/A

Department: Proposed construction project is for structures and does not include sand placement and is therefore no eligible for the award of points.

CEG calculated value: N/A

Tier 4

Successive unfunded requests (5 points)	Score	0
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Local Sponsor: No

Department: Verified

Environmental habitat enhancement (5 points)	Score	0
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Local Sponsor: Project is not within a designated critical habitat area or within a non-designated area subject to extensive shoreline armoring.

Department: Project is not within a designated critical habitat area. 0.02 miles or 1.4% of the project shoreline is armored, which does not meet the threshold of 30% to be considered extensive armoring, therefore not eligible for the award of points.

Overall readiness to proceed

Readiness to construct (1 point)	Score	0
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Local Sponsor: N/A

Department: Not eligible for the award of one point.

Active permits (1 point)	Score	0
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Local Sponsor: Yes, active state and federal permits.

Department: The Department requests verification that the state permit includes the proposed construction activities, therefore not eligible for the award of points at this time.

Easements acquired (1 point)	Score	1
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Local Sponsor: Yes

Department: Verified

Local funds secured (1 point)	Score	1
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Local Sponsor: Yes

Department: Draft Resolution was submitted by application deadline.
Department: Signed Resolution received.

Erosion Control Line established (1 point)	Score	1
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Local Sponsor: Yes

Department: Verified