

FY2023/2024 Local Government Funding Request

Final Beach Project Assessment

Project Name	St. Andrews State Park Restoration
Local Sponsor	Bay County

Initial Assessment	10/10/2022
Group Assessment	
Draft Assessment	
Final Review	10/20/2022

Project Description
The St. Andrews State Park Restoration Project is located between DEP monuments R- 92 and R-97 in Bay County. The requested funds are for construction. Staff have determined that 100% of the project is eligible for state reimbursement, as the project is located within a state park.

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

State cost share %	100.00%
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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	100.00%	\$0	\$6,400,000	\$0	\$6,400,000
Year 1 Monitoring	0.00%	\$0	\$0	\$0	\$0
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$6,400,000	\$0	\$6,400,000

Federal cost share %	0.00%
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Federal agency and description	N/A
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TOTAL PROJECT SCORE (100 points)	41.3
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Tier 1

Tourism-related impacts

Return on investment (10 points)	Score	2.2
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Local Sponsor: Project is requesting construction funds.

Department: Requested funds are for construction only. No first year monitoring funds are requested.

Construction + Year 1 Monitoring Cost: \$6,400,000.00

Value: 2.2

Economic impact (10 points)	Score	9
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Local Sponsor: N/A

Department: Bay County, 2021 data. Tourism-related sales tax data = \$94,200,898.80. County sales tax collections = \$363,116,042.96

Value: 9

Tier 2

Federal involvement

Federal authorization (5 points)	Score	0
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Local Sponsor: N/A

Department: The project is not federally authorized.

Federal cost share (5 points)	Score	0
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Local Sponsor: N/A

Department: The project does not have a federal cost share.

Federal funds available (5 points)	Score	0
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Local Sponsor: N/A

Department: The project does not have a federal cost share.

Storm damage reduction benefits

Current conditions (8 points)	Score	8
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Local Sponsor: N/A

Department:
CEG calculated value:

The MHW data from the approximate latest 30 years from 1987 to 2018 was used at FDEP reference monuments R-94 to R-97 to calculate the erosion rate for the project area. Using the historical MHW data for these four monuments, the average rate of erosion for the project shoreline is -3.60 ft/yr.
-3.6 ft/yr

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

Department:
CEG calculated value:

The threat to upland structures is determined by the application of the SBEACH Storm Erosion Model using the 25-year return interval storm tide hydrograph. The model was applied at each R-monument in the project area using the November 2018 Dewberry survey data. Based upon the model results, and excluding properties that have existing armoring, no structures were found to be at risk from a 25-year storm.

0%

Value of upland property (5 points)	Score	0.7
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Local Sponsor: N/A

Department: Calculated by GIS with 2021 data.
Total value: \$104,868,423.00

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	3.3
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Local Sponsor: N/A

Department: Construction cost = \$6,400,000, volume = 900,000 cy, length = 5412 ft, nourishment interval = 6.0 yrs
Value: 1.156 \$/cy/mi/yr

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	3
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Local Sponsor: N/A

Department: The restoration of the dune is eligible for the award of 3 points.

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	2.6
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Local Sponsor: N/A

Department: Fiscal year 2013/2014 through 2022/2023

Total funds: \$ 14,775,578.64

Previous partial appropriation (1 point)	Score	0
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Local Sponsor: N/A

Department: There were no partial appropriations FY 22/23.

Recreational benefits

Accessible beach area (2 points)	Score	0.5
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Local Sponsor: N/A

Department: Value obtained via FY21/22 Funding Assessment

Total area: 502,949 sqft

Recreational benefits (3 points)	Score	3
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Local Sponsor: The project is within a state park

Department: Verified

Percentage: 100%

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

Department: There are no target annual bypassing quantities to mitigate for St. Andrews Inlet to the east.

CEG calculated value: N/A

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

Department: Volume = 900,000 cy, length = 5412 ft, nourishment interval = 6.0 yrs

CEG calculated value: 146,341.5 cy/mi/yr

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: N/A

Department: The project is within a designated critical habitat area, but the shoreline is not armored and 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 points.

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

Department: Verified

Easements acquired (1 point)	Score	1
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Local Sponsor: None needed

Department: Verified- The project is within State Park boundry.

Local funds secured (1 point)	Score	1
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Local Sponsor: N/A

Department: Resolution was submitted by application deadline.

Erosion Control Line established (1 point)	Score	0
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Local Sponsor: No

Department: Verified