

FY2023/2024 Local Government Funding Request

Draft Beach Project Assessment

Project Name	Town of Surfside Dune Restoration Project
Local Sponsor	Town of Surfside

Initial Assessment	8/16/2022
Group Assessment	9/1/2022
Draft Assessment	9/14/2022
Final Review	

Project Description
The Town of Surfside Dune Restoration Project is located between DEP monuments R31+350' and R36+387' in Miami-Dade County. The restoration of the federally authorized Miami-Dade County Shore Protection Project at Surfside (R31-R38) was completed in January 1978 using sand from offshore borrow sites. Federal nourishment projects are constructed periodically and on an "as needed" basis, with hot-spot nourishment being conducted by the County using upland sand between federal projects. The most recent nourishment was completed in 2020. The Town of Surfside has developed a Dune Plan to maintain the dune system and minimize beach erosion. The requested funds are for design and permitting associated with the dune 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)
Design and Permitting

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	50.00%	\$0	\$36,000	\$36,000	\$72,000
Construction	50.00%	\$0	\$434,800	\$434,800	\$869,600
Year 1 Monitoring	0.00%	\$0	\$0	\$0	\$0
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$0	\$470,800	\$470,800	\$941,600

Federal cost share %	0.00%
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Federal agency and description	
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TOTAL PROJECT SCORE (100 points)	31.9
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Provide evidence on how the local project would implemented in conjunction with the federal project.

Tier 1

Tourism-related impacts

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

Department:

Construction + Year 1 Monitoring Cost: \$434,800.00

Value: 706.7

Economic impact (10 points)	Score	6.6
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Local Sponsor: N/A

Department:

Miami-Dade County, 2021 data. Tourism-related sales tax data = \$307,279,813.33 . County sales tax collections = \$3,839,883,554.55

Value: 8

Tier 2

Federal involvement

Federal authorization (5 points)	Score	0
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Local Sponsor: Yes

Department: Dune specific project not federally authorized via a cooperation agreement between the Town of Surfside and USACE. Not eligible for the award of points.

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

Department: No federal cost share. Not eligible for the award of points.

Federal funds available (5 points)	Score	0
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Local Sponsor: No

Department: Verified

Storm damage reduction benefits

Current conditions (8 points)	Score	0
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Local Sponsor: 45,000 cy y

Department: This project is a dune only project and is therefore not eligible for the awarding of points.

CEG calculated value: 0

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

Department: No properties were found to be vulnerable using the September 2020 survey profiles. Therefore, 0 points are awarded.

CEG calculated value: 0

Value of upland property (5 points)	Score	2.6
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Local Sponsor:

Department: Calculated by GIS with 2021 data.

Total value: \$1,254,159,597.00

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	
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Local Sponsor: Engineered fill to an elevation of 14.00 NGVD - 15.00 NGVD

Department: Sand Placement Vol: 324,845 cy, Nourishment Int: 11 y

Department: Construction = \$434,800, Volume = 324,845 cy, length = 5,328 ft, Nourishment Interval = 11 yrs

Value: 0.1206 \$/cy/mi/yr

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	3
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Local Sponsor: Dune Addition

Department: The project proposes a dune addition and is therefore eligible for the award of 3 points.

Tier 3

Previous state commitment

Previously funded phases (1 point)	Score	0
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Local Sponsor: No

Department:

Verified

Total amount of previous funding (3 points)	Score	0.1
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Local Sponsor:

N/A

Department:

Fiscal year 2013/2014 through 2022/2023

Total funds:

\$0.00

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
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Local Sponsor:

Department:

Dune only projects not eligible for this criteria.

Total area:

Recreational benefits (3 points)	Score	3
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Local Sponsor:

100%

Department:

Verified

Percentage:

100%

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

Project will not have a direct impact to the Baker's Haulover Inlet that borders Bal Harbour Village to our north side.

Department:

Haulover Inlet is meeting its bypassing objective. Therefore, the project is not eligible for the award of points.

CEG calculated value:

0

Volume/mile/year (5 points)	Score	3.6
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Local Sponsor:

Department:

Volume = 324,845 cy, length = 5,328 ft, Nourishment Interval = 11 yrs

CEG calculated value:

29,265.315 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: The project is within a designated critical habitat area for threatened species that is subject to extensive armoring. The town will not do any activity along the beach during nesting season and will work with FWC/FDEP for required permits. Will consider lighting with design and con phases.

Department: The project boundary intersects a critical habitat area. 0% of the project length is armored, which is below the 30% threshold 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:

Active permits (1 point)	Score	0
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Local Sponsor: No

Department: Verified

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.

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

Department: Verified