

FY2022/2023 Local Government Funding Request
Final Beach Project Assessment

Project Name	Pinellas County Shore Protection Project - Long Key/Upham Beach Segment
Local Sponsor	Pinellas County

Initial Assessment	8/6/2021
Group Assessment	8/18/2021
Draft Assessment	8/31/2021
Final Review	9/29/2021

Project Description
The Pinellas County Shore Protection Project - Long Key/Upham Beach Segment is located between DEP monuments R144 and R146.4 in Pinellas County. The Project was authorized by Congress in 1966 and the Long Key/Upham Beach segment consists of 0.45 miles of shoreline of the 4.1-mile federal Shore Protection Project. Restoration was completed in 1980 and eight federal nourishments have been completed since then, with the most recent nourishment completed in 2018 in coordination with the Sand Key and Treasure Island segments. The requested funds are for construction and year 1 monitoring of the next nourishment, scheduled for 2022/2023. 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%	\$4,744,633	\$1,300,000	\$1,300,000	\$7,344,633
Year 1 Monitoring	50.00%	\$0	\$25,000	\$25,000	\$50,000
Year 2+ Monitoring	0.00%	\$0	\$0	\$0	\$0
Total Project Costs		\$4,744,633	\$1,325,000	\$1,325,000	\$7,394,633

Federal cost share %	64.60%
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Federal agency and description	USACE
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TOTAL PROJECT SCORE (100 points)	53.7
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Tier 1

Tourism-related impacts		
Return on investment (10 points)	Score	7.3

Local Sponsor: Project is requesting construction funds.

Department: Verified

Construction + Year 1 Monitoring Cost: \$1,325,000.00

Value: 78.7

Economic impact (10 points)	Score	7.5
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Local Sponsor: N/A

Department: Pinellas County, 2020 data. Tourism-related sales tax data = \$104,273,589.13.
County sales tax collections = \$1,004,209,474.34

Value: 10.38

Tier 2

Federal involvement

Federal authorization (5 points)	Score	5
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Local Sponsor: The Project is federally authorized by USACE.

Department: Project Cooperation Agreement was submitted with application to verify USACE federal authorization.

Federal cost share (5 points)	Score	3.7
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Local Sponsor: 64.6% for construction

Department: Project Cooperation Agreement was submitted with application to verify USACE federal cost share.

Federal funds available (5 points)	Score	5
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Local Sponsor: Executed USACE project agreement

Department: Project Cooperation Agreement was submitted with application to verify USACE federal funds available for the proposed project.

Storm damage reduction benefits

Current conditions (8 points)	Score	1.1
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Local Sponsor: N/A

Department: This area was last nourished in June 2019. Calculations by the Department utilizing the 2019 pre-construction, 2019 post-construction, and the 2020 1-year surveys show that approximately 72.3% of the fill placed above MHW between R-144 and R-146 remain as of September 2020.

CEG calculated value: 27.70%

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

Department: The 2019 nourishment is expected to protect upland structures from a 25-year storm event and the 2020 monitoring survey shows the majority of the fill remains, therefore no points awarded.

CEG calculated value: 0

Value of upland property (5 points)	Score	1
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Local Sponsor: \$343,945,765

Department: Calculated by Department GIS staff with 2020 data.
Total value: \$432,062,540

Cost-effectiveness

Cost/volume/mile/year (10 points)	Score	0.8
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Local Sponsor: Volume: 150,000 cy based on previous volumes; nourishment interval: 4 years

Department: Construction cost = \$7,344,633, volume = 150,000 cy, length = 0.45 nourishment interval = 4.5 yrs
Value: \$24.18

Enhanced longevity, dune addition, innovative technology, and regionalization (5 points)	Score	0
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Local Sponsor: None proposed

Department: Proposed project does not qualify for any elements and is therefore not eligible for award of points.

Tier 3

Previous state commitment

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

Department: The Department has previously funded this project.

Total amount of previous funding (3 points)	Score	1.7
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Local Sponsor: N/A

Department: Fiscal year 2012/2013 through 2021/2022
Total funds: \$7,509,000

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

Department: Verified

Recreational benefits

Accessible beach area (2 points)	Score	0.1
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Local Sponsor: R144 to 84 ft. North of R146

Department: The Long Key Design (USACE, 1999) is 40 foot berm at 4.8' followed by 20:1 slope down to 0.4' which equals 88' width. 88' width X 2380' length yields 209,440 square feet.
Total area: 209,440

Recreational benefits (3 points)	Score	1.5
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Local Sponsor: 50.80%

Department: Verified
Percentage: 50.80%

Mitigation of inlet effects (5 points)	Score	5
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Local Sponsor: 14,000 cy will be placed north of Pass-a-Grille Beach on Upham Beach. The proposed project will be placing sand on the updrift beach from a downdrift inlet in an attempt to mitigate inlet impacts while practicing regional sediment management.

Department: The Johns Pass objective is 21,000 cy/yr which was established in 2018. The 2019 project utilized approximately 110,000 cy from Johns Pass which exceeds the cumulative objective.
CEG calculated value: 100%

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

Department: The project area was restored in 1980 and in the past 41 years there have been 9 nourishments for an average nourishment interval of 4.5 years. The project length is 2,380 feet or 0.45 miles. The planned sand placement volume as stated in the application is 150,000 cy.
CEG calculated value: 74,074

Tier 4

Successive unfunded requests (5 points)	Score	0
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Local Sponsor: N/A

Department: No successive unfunded requests.

Environmental habitat enhancement (5 points)	Score	3
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Local Sponsor: Project is within a non-designated critical habitat area with extensive armoring. No proposed best management strategies.

Department: Project is not within a designated critical habitat area. 0.33 miles or 73.3% of the project shoreline is armored, which exceeds the 50% threshold to be considered extensive armoring, therefore eligible for the award of points. Documentation needed to award the additional 2 points.

Overall readiness to proceed

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

Department: Eligible for the award of one point.

Active permits (1 point)	Score	1
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Local Sponsor: Yes - active state permit/federal permit not required

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 not submitted by application deadline. Signed Resolution due by 9/21/21 or the funding request will be withdrawn.

Department: Signed Resolution submitted for the award of one point.

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

Department: Verified