



Beach Management Funding Assistance Program
Local Government Funding Request
Fiscal Year 2022/2023
Beach Projects Application

PART I: GENERAL INFORMATION

Local Sponsor

Federal ID Number (FEID)

Primary Contact Name Title

Mailing Address Line 1

Mailing Address Line 2

City Zip Code Telephone Number

Email Address

Additional Contact Information

PART II: CERTIFICATION

I hereby certify that all information provided with this application is true and complete to the best of my knowledge.

Signature of Local Sponsor

Electronic or scanned signatures accepted.

Printed Name Date

APPROVED AS TO FORM
By: Brendan Mackesey
Office of the County Attorney



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PART III: EVALUATION CRITERIA

1. Project Name: (as listed in the Strategic Beach Management Plan)

Pinellas County Shore Protection Project- Treasure Island Segment

2. Project Description: Include county, location with reference to DEP range monuments, brief project history, and description of proposed activities.

Part of the Federal Pinellas County Shore Protection Project, the project maintains 3.5 miles (18,480 ft.) of critically eroded shoreline on Treasure Island, Pinellas County. All 3.5 miles were authorized by Congress in 1966. Initial nourishment occurred in 1969 and 11 federal renourishments have occurred since then. The most recent renourishment occurred in April-May 2018 and filled 2,300 feet along Sunshine Beach (R126 to 400 ft. south of R128) and 5,700 feet along Sunset Beach(R136 to 400 ft. south of R141). The 2018 Treasure Island project was combined with the Sand Key project and Johns Pass and Egmont Shoal borrow area as the source of beach compatible sand. The 2018 nourishment was completed in November 2018 with 277,652 cy of sand which was placed between R126B-R128A and R136A-R142. The source sand was Johns Pass and Egmont Shoal.



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3. Use of Requested Program Funds: Provide a brief description of tasks to be completed in each requested phase (Feasibility, Design, Construction, Monitoring, or USACE Multiphase). Indicate which tasks are cost reimbursement from previous fiscal years.

FY22/23- The requested funds for FY22/23 are for the Treasure Island State share (\$2.5 million) of the total Treasure Island construction project cost estimate of \$12 million. First year monitoring costs (\$25,000) for FY22/23 are also being requested for turtle monitoring and tilling required by permit.

4. Map: Provide as an attachment. The map(s) of the project area must be formatted at a minimum of 1" = 200' scale and include a compass rose and legend.

Map elements must include:

1. **Project boundary:** DEP reference monuments and shoreline designated as critically eroded
2. **Eligibility:** Indicate lengths of eligible shoreline based on criteria outlined in Chapter 62B-36.007, F.A.C.
 - a. **Beach access locations:** indicate primary or secondary access, and include the shoreline length, number and location of auto parking spaces, mass transit stops, bike parking spaces, and public restroom facilities within 1/4 mile walking distance of each access
 - b. **Public lodging establishments:** include the length fronting the project shoreline, and include the length of street-side frontage for lodging within 1/4 mile walking distance of a secondary beach access location
3. **Recreational benefits:** Comprehensive list of current land use designations of properties fronting the project shoreline
4. **Value of upland property:** Include one-quarter mile buffer and provide a comprehensive list of the values of properties (data from year 2020) that are enclosed or intersected by the buffer. The 2020 property value tax roll data and ArcGIS shapefiles can be obtained from the Department of Revenue website: https://floridarevenue.com/property/Pages/DataPortal_RequestAssessmentRollGISData.aspx. See Guidance Document for more information.

5. Project length: Total restored project length (in feet) of the critically eroded area (as listed in the Strategic Beach Management Plan).

8713.2



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- 7. Schedule and Budget:** Provide as a separate attachment, if needed. Clearly indicate project phase: Feasibility (F), Design (D), Construction (C), Monitoring (M), or USACE Multiphase (USACE). Include the year of post-construction monitoring in the description.
- **Cost Reimbursement:** Specify eligible costs incurred during the three years prior to the current application's fiscal year that are not in a current DEP agreement and have not been reimbursed (this includes fiscal years 19/20, 20/21, and 21/22). Eligible costs will be added to the current funding request.
 - **Current and Future Costs:** Specify eligible costs for the current application's fiscal year that are not in a current DEP agreement and have not been reimbursed as well as the estimated costs for the next 4 years. Note: If Construction costs are requested in the current fiscal year, then the Year 1 Post-Construction Monitoring costs will be added to the current funding request.

Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
19/20						
19/20						
19/20						
20/21						
20/21						
20/21						
21/22						
21/22						
21/22						
22/23	Construction	Nourishment	6,900,000	2,500,000	2,500,000	12,000,000
22/23	1st Year Monitoring	Turtle/Tilling/Physical		25,000	25,000	50,000
22/23						
23/24	2nd Year Monitoring	Turtle/Tilling/Physical		25,000	25,000	50,000
23/24						
23/24						



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Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
24/25	3rd Year Monitoring	Turtle/Tilling/Physical		25,000	25,000	50,000
24/25						
24/25						
25/26						
25/26						
25/26						
26/27	5th year Monitoring	Physical		12,500	12,500	25,000
26/27						
26/27						

8. Tourism-related impacts: Criteria is calculated by the Department using 2020 data. For reference, tax data can be obtained from the Department of Revenue website: [https://floridarevenue.com/taxes/pages/colls from 7 2003.aspx](https://floridarevenue.com/taxes/pages/colls_from_7_2003.aspx). See Guidance Document for more information.

- Current funding request includes construction and year one post-construction monitoring
- Project is managed by two or more counties

Additional comments

9. Federal involvement: The documentation to verify authorization, federal cost share percentage, and status of funding award must be provided with the application materials for the award of points.

Is the project Federally authorized by the USACE?

Authorization Year: Expiration Year:

Does this project have a signed USACE Chief's report or Civil Works Congressional authorization for the requested phase?

USACE federal cost share percentage for this project (excluding FCCE):



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Select all that apply for the requested project phase(s) and include documentation with application materials.

- Executed USACE project agreement
- Included in USACE work plan
- Approved FEMA Project Worksheet
- Included in Congressional Appropriations Act
- Other documentation:

10. Storm damage reduction benefits: Criteria is calculated by the Department.

What is the volume (cy) of advanced nourishment lost since the last sand placement event of a beach restoration or nourishment project as measured above the Mean High Water contour? Data should be consistent with the annual post-construction monitoring reports.

For restoration projects, what is the historical erosion rate?

11. Cost effectiveness: Criteria is calculated by the Department. A project design analysis and supporting documentation must be provided with the application materials for the award of points. See Guidance Document for more information.

What is the proposed sand placement volume (cy)?

280,000 based on previous volumes

What is the nourishment interval (years)?

4

Select all that apply for the current project funding request:

- Enhanced longevity: Propose structural or design components that could extend the beach nourishment interval
- Dune addition: Incorporate new or enhanced dune structures or new or existing dune restoration and revegetation projects
- Innovative technology: Propose innovative technologies designed to reduce project costs
- Regionalization: Two or more local sponsors manage projects together or projects propose regional sediment management strategies to conserve sand resources or reduce project costs

Additional comments for storm damage reduction benefits and cost effectiveness



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12. Previous state commitment

Has the Department previously reviewed, approved, and cost-shared on a feasibility or design phase for this project?

Has the current proposed project phase(s) received a partial state appropriation within 3 years of phase completion?

Additional comments

13. Accessible beach area: Criteria is calculated by the Department. Provide additional information for consideration.

Describe the landward and seaward edge of the accessible beach width

Provide the project boundaries (R-monuments)

R126B-R128A (Sunshine Beach) & R136A-R142 (Sunset Beach)

Provide citations of reference sources

https://floridadep.gov/sites/default/files/SBMPSouthwestGulfCoastRegion_1.pdf

14. Recreational benefits: Provide the percentage of linear footage within the project boundaries which is zoned recreational or open space; for commercial use; or to allow for public lodging establishment, or the equivalent. Provide additional documentation and DBPR website link in a separate attachment, if needed.

32.04% Zoned Recreational or Open Space. The project will increase the longevity of the many previous nourishment projects by maintaining viable recreational beaches along 8713.2 feet of shoreline. Periodic nourishments are the backbone of a strong and stable tourist-driven economy and provide storm protection as well as important wildlife habitat that would otherwise not exist along some Treasure Island beaches.

15. Mitigation of inlet effects: Criteria is calculated by the Department.

Additional comments

If Johns Pass is used as a borrow area for the project, Johns Pass Target Bypassing amount is 21,000 Cubic yards per year. This could mitigate 4 to 6 years of inlet impacts until the next nourishment is required. If Blind Pass is selected as a borrow area, Blind Pass requires 12,000 annualized placement on Sunset mitigating for 4-6 years of inlet impacts. These sources are also supplemented with additional sources (EgmontShoals) to mitigate inlet impacts.

16. Successive unfunded requests

Is the current proposed project phase(s) a successive, unfunded request? If so, how many years of successive request(s) is the current application?

Does the successive request add the construction phase?



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17. Environmental habitat enhancement: Criteria is calculated by the Department. See Guidance Document for more information.

Is the project within a designated critical habitat area for threatened or endangered species that is subject to extensive shoreline armoring?

Is the project within a non-designated area where extensive shoreline armoring threatens the habitat of threatened or endangered species?

If yes to either of the above, does the project exceed best management practices to incorporate turtle-friendly designs and management strategies to protect resources or benefit critical habitat preservation?

Provide an explanation and supporting documentation for the strategies which exceed best management practices

18. Readiness to construct

Does the project have an active state permit?

Does the project have an active federal permit?

Permit number

0221569-013-JN

Permit number

Authorization date

May 17, 2005

Authorization date

Expiration date

May 17, 2022

Expiration date

Have all necessary easements been acquired for the upcoming or proposed construction phase?

Has the necessary local funding been secured for the proposed project? If so, provide a copy of the draft Resolution. The signed Resolution is due by September 21, 2021.

Is an Erosion Control Line established along the project length?

Additional comments for readiness to construct



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Provide additional information and comments below or attach supporting documents.

A large, empty rectangular box with a thin black border, intended for providing additional information and comments or attaching supporting documents.