



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

PART I: GENERAL INFORMATION

Local Sponsor	Town of Palm Beach		
Federal ID Number (FEID)	Not Applicable		
Primary Contact Name	Robert Weber	Title	Coastal Program Manager
Mailing Address Line 1	951 Okeechobee Road		
Mailing Address Line 2	Suite A		
City	West Palm Beach	Zip Code	33401
Telephone Number	561-838-5440		
Email Address	rweber@townofpalmbeach.com		

Additional Contact Information

Facsimile 561-835-4691

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

Robert Weber, Coastal Program Manager

Date July 30, 2021



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PART III: EVALUATION CRITERIA

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

Phipps Ocean Park Beach Nourishment

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

The Phipps Ocean Park Beach Nourishment Project includes 1.4 miles of shoreline located between FDEP Range Monuments R-118.7 to R-126 in Palm Beach County, Florida. In 2004, a 3.1-acre artificial reef was constructed to compensate for impacts to hardbottom resources in advance of the 2006 restoration. FEMA dune nourishment was completed in 2011 to repair damages sustained during Tropical Storm Fay. An interim dune nourishment was completed in 2015 in coordination with the Mid-Town project. A full nourishment was completed in April 2016, with an expansion of the project limit. Permit-required post-construction monitoring is ongoing. FDEP staff has estimated that 78% of the project is eligible for state cost sharing. This project was included in the 2013 FDEP Palm Beach Island Beach Management Agreement Pilot Project. A storm recovery partial renourishment was completed in 2021.



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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.

Sand search to locate and delineate borrow areas of suitable sand to support the beach nourishment project.

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).

10,996

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[illegible]



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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	Design	Sand Search	0	141,375	221,125	362,500
22/23						
22/23						
23/24	Design	Sand Search	0	141,375	221,125	362,500
23/24						
23/24						



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Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
24/25	Construction	Phipps Ocean Park Beach Nourishment	0	8,502,000	13,298,000	21,800,000
24/25						
24/25						
25/26	Monitoring	Year 1 Post-Construction Physical Monitoring	0	50,000	19,500	30,500
25/26						
25/26						
26/27						
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. 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?

No

Authorization Year:

Expiration Year:

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

No

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:

(NONE APPLY.)

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.

400,000 cubic yards

For restoration projects, what is the historical erosion rate?

2.5 cy/lf

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)?

1,000,000

What is the nourishment interval (years)?

6-8 years

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

FDEP Coastal Engineering memo, dated August 29, 2008 has previously addressed this item.



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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

Construction Plans, Applied Technology & Management, Inc. (ATM) and Townwide 2020 Physical Monitoring Report, ATM

Provide the project boundaries (R-monuments)

R-118.7 to R-126 (with dunes from R-116.5 to R-118.7 and R-128 to R-134)

Provide citations of reference sources

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.

FDEP has previously determined that 20.1% of the shoreline has a direct recreational benefit.

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

Additional comments

FDEP Coastal Engineering memo, dated August 29, 2008 has previously addressed this item.

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?

1

Does the successive request add the construction phase?

Yes



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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?

No

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

Yes

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?

Yes

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

The FDEP Beach Management Agreement, signed by FWC, addresses best management practices for sea turtle nesting.

18. Readiness to construct

Does the project have an active state permit?

Yes

Does the project have an active federal permit?

Yes

Permit number

BMA

Permit number

SAJ-2000-00380 (SP-LCK)

Authorization date

September 2013

Authorization date

January 15, 2015

Expiration date

Perpetual

Expiration date

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

Yes

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.

Yes

Is an Erosion Control Line established along the project length?

Yes

Additional comments for readiness to construct



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Provide additional information and comments below or attach supporting documents.