



Beach Management Funding Assistance Program  
Local Government Funding Request  
Fiscal Year 2023/2024  
Beach Projects Application

**PART I: GENERAL INFORMATION**

|                          |                             |          |                         |
|--------------------------|-----------------------------|----------|-------------------------|
| Local Sponsor            | Town of Palm Beach          |          |                         |
| Federal ID Number (FEID) | PPA Signed November 4, 2019 |          |                         |
| 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, 2022



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**PART III: EVALUATION CRITERIA**

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

Mid-Town Beach Nourishment

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

The Mid-Town Beach Nourishment includes 2.8 miles of shoreline between FDEP Range Monuments R-89 and R-102 in Palm Beach County, Florida. Restoration was completed in 1995 from R-95 to R-100 and included the construction of 11 groins which were completed in 1996. In 2003, nourishment was completed in an extended shoreline length between R-90.4 and R-101.4. The project was nourished using FEMA funds in 2006 in response to the 2004-2005 hurricane seasons, and again in FY 2010-2011 to repair dune damages caused by Tropical Storm Fay. The project was included in the 2013 FDEP Palm Beach Island BMA Pilot Project. The next nourishment was completed in April 2015, extending the project tapers on both ends and reducing the overall project volume density. Construction of an additional groin at R-99 was completed in May 2018. FDEP staff has previously determined that 81.90% of the project is eligible for state cost sharing. The most recent nourishment was completed in FY 2020-2021 between March 16 and May 1, 2020. The 2020 project was the first nourishment performed with Federal cost sharing. The Town signed a Project Partnership Agreement with the U.S. Army Corps of Engineers in 2019 to have the Mid-Town Segment included within the Palm Beach County Federal Shore Protection Project. The next project, planned for 2028, unless sooner in response to a storm event, will extend south in to Reach 5 to R-106.5.



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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 located 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 2021) that are enclosed or intersected by the buffer. The 2021 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](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).

14,900 (excluding R-102 to R-106.5)



- **Location/Access Name:** Use the official name of the park or road that is associated with the public access.
- **DEP Reference Monument:** Use the DEP monument that is closest to the main public access location.
- **Type of Access:** Indicate Primary or Secondary beach access in accordance with the definitions in Chapter 62B-36, F.A.C.
- **Width of Access/Frontage:** The length of the legal boundary (in feet) of the public access or lodging along the beach project shoreline. For public lodging establishments that do not front the beach, indicate the street-side length of the legal property boundary (in feet) that is used as the main access to the establishment.
- **Number of Eligible Units:** A unit is defined as one automobile parking space, one rental unit in a public lodging establishment, one mass transit stop, or four bicycle parking spots.
- **Additional Width from Eligible Units:** Total distance (feet) added to the Width of Access/Frontage. If there are multiple types of eligibility units used for this calculation, show the calculation separately for each.
- **Total Eligible Shoreline:** Sum of the Width of Access/Frontage and Additional Width from Eligible Units columns. Eligible shorelines cannot overlap.
- **Website Link for DBPR License:** Provide the link to the Department of Business and Professional Regulation (DBPR) website for proof of licensure for any public lodging establishments used for eligibility or the Recreational Benefits ranking criteria.

[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 20/21, 21/22, and 22/23). 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 |
|-------------|---------------|-------------|--------------|------------|------------|------------|
| 20/21       |               |             |              |            |            |            |
| 20/21       |               |             |              |            |            |            |
| 20/21       |               |             |              |            |            |            |
|             |               |             |              |            |            |            |
| 21/22       |               |             |              |            |            |            |
| 21/22       |               |             |              |            |            |            |
| 21/22       |               |             |              |            |            |            |
|             |               |             |              |            |            |            |
| 22/23       |               |             |              |            |            |            |
| 22/23       |               |             |              |            |            |            |
| 22/23       |               |             |              |            |            |            |
|             |               |             |              |            |            |            |
| 23/24       | Design        | Sand Search | 0            | 593,776    | 856,224    | 1,450,000  |
| 23/24       |               |             |              |            |            |            |
| 23/24       |               |             |              |            |            |            |
|             |               |             |              |            |            |            |
| 24/25       |               |             |              |            |            |            |
| 24/25       |               |             |              |            |            |            |
| 24/25       |               |             |              |            |            |            |



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| Fiscal Year | Project Phase | Description         | Federal Cost | State Cost | Local Cost | Total Cost |
|-------------|---------------|---------------------|--------------|------------|------------|------------|
| 25/26       |               |                     |              |            |            |            |
| 25/26       |               |                     |              |            |            |            |
| 25/26       |               |                     |              |            |            |            |
|             |               |                     |              |            |            |            |
| 26/27       |               |                     |              |            |            |            |
| 26/27       |               |                     |              |            |            |            |
| 26/27       |               |                     |              |            |            |            |
|             |               |                     |              |            |            |            |
| 27/28       | Construction  | Beach Nourishment   | 11,000,000   | 4,504,500  | 6,495,500  | 22,000,000 |
| 27/28       | Monitoring    | Year-One Monitoring |              | 30,712     | 44,288     | 75,000     |
| 27/28       |               |                     |              |            |            |            |

**8. Tourism-related impacts:** Criteria is calculated by the Department using 2021 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? Yes

Authorization Year: 2019

Expiration Year: 2068

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

Yes

USACE federal cost share percentage for this project (excluding FCCE): 50.3



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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.

Project completed in April 2020 Monitoring report can be provided.

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)?

900,000

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-89 to R-102 (Federal Authorization extends to R-106.5)

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 32.8% 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?

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?

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-1995-03779 (SP-LCK)

Authorization date

September 2013

Authorization date

December 12, 2014

Expiration date

Perpetual

Expiration date

NA (Federal Project)

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 October 5, 2022.

Yes

Is an Erosion Control Line established along the project length?

Yes

Additional comments for readiness to construct

ECL survey and hearing conducted in 2021. Recording has been completed.



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Provide additional information and comments below or attach supporting documents.