



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

PART I: GENERAL INFORMATION

Local Sponsor	Manatee County		
Federal ID Number (FEID)	59-6000727		
Primary Contact Name	Charlie Hunsicker	Title	Director
Mailing Address Line 1	Parks & Natural Resources Department		
Mailing Address Line 2	5502 33rd Avenue Drive West		
City	Bradenton	Zip Code	34209
		Telephone Number	941.737.4765
Email Address	charlie.hunsicker@mymanatee.org		

Additional Contact Information

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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. Charlie Hunsicker

Printed Name Charlie Hunsicker Date 07/30/2021



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

PART III: EVALUATION CRITERIA

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

Manatee County Shore Protection Project (SPP). The project is also referred to as the Central Beach Nourishment Project.

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

The federally-authorized Manatee County Shore Protection Project area (also referred to as the Central Beach Nourishment Project) extends between R-12 and R-36 and was nourished originally in 1992/93 with 2.3 million cubic yards, in 2002/2003 with 1.9 million cubic yards, and in 2005/2006 with another 213,000 cubic yards added to replace sediment lost due to 2004 hurricane activity.

In 2013/2014, the U.S. Army Corps of Engineers (USACE) renourished the Central Beach project area from R-12 to R-36 with approximately 888,000 cubic yards of material. The beach renourishment sand came from the same ebb shoal complex located offshore of the northern end of Anna Maria Island used for the 2002 and 2005 projects. The 2013/2014 project replaced storm losses due to Tropical Storm Debby (June 2012) in conjunction with the full renourishment.

In August/September 2016, Hurricane Hermine caused approximately 27,760 cubic yards of loss and in September 2017 Hurricane Irma caused approximately 47,045 cubic yards of loss along Coquina Beach. Due to this loss, FEMA funded the placement of approximately 75,000 cubic yards of material between R-34 and R-41.

The USACE renourishment of the federal Shore Protection Project began in July 2020 using the Passage Key Inlet ebb shoal as the sand source. The federal portion of the project (R-12 to R-36) was completed on October 15, 2020. At the request of Manatee County, the USACE added the Coquina Beach nourishment as 'Additional Work' onto the construction project and contract. The costs for the Coquina Beach portion are 100% non-federal. The Coquina Beach 'Additional Work' portion was complete in December 2020.

Following the USACE construction, Manatee County completed the FEMA funded Coquina Beach Storm Damage Restoration Project between February and March 2021 to replace the combined damages of Hurricane Hermine and Hurricane Irma. This project utilized Longboat Pass as its sand source.

Assuming a 10-year nourishment cycle, the next construction of the federal Manatee County SPP is planned for FY 2030/2031. Physical and environmental monitoring of the current project will continue until then. Design, engineering and permitting for the next project will occur in the years prior to the 2030-2031 construction event.



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

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.

The County is planning to coordinate with DEP on preparing a comprehensive island-wide Physical Monitoring Plan (PMP) to satisfy monitoring for all federal and non-federal projects. Since the plan has not been developed yet, the cost estimates in this schedule and budget remain the same from the previous LGFR submittal that follows the current PMP (July 2019) and can be updated in subsequent LGFRs after the comprehensive PMP is finalized. The November 2019 PPA between the USACE and Manatee County states "At least annually and after storm events, the Non-Federal Sponsor, at no cost to the Government, shall perform surveillance of the Project to determine losses of material and provide results of such surveillance to the Government". This statement is interpreted to mean that there is no federal cost sharing for physical monitoring, but coordination is ongoing with the USACE to clarify cost sharing for monitoring tasks. Future LGFRs will reflect any adjustments once cost-sharing responsibilities are confirmed.

The physical monitoring included in the schedule and budget assumes the following:

- Monitoring will be conducted post-construction in odd-years (1, 3, 5 etc.)
- The County anticipates that Year 1 annual island-wide monitoring for all projects under the forthcoming comprehensive Physical Monitoring Plan will begin in summer 2022 (Funded 21ME1)
- Even-year monitoring (2, 4, 6, etc.) is not required under the current PMP. Year 2 is Summer 2023 (FY2022/2023), so no funding is requested in this LGFR.
- Year 3 island-wide physical monitoring funding will be requested next year.

Environmental monitoring (Sea turtles and Shorebirds) occurs for the first 3 summers after construction. Environmental monitoring for the federal project shoreline (R-12 to R-36) includes approximately 61% of the island; environmental costs for the remaining 39% of the shoreline are included in the non-federal LGFR. There is no language pertaining to environmental monitoring within the November 2019 PPA between the USACE and Manatee County, therefore it is assumed that other than the past construction and one-year monitoring no additional environmental monitoring funds are provided by the USACE. Coordination is ongoing with the USACE to clarify cost sharing for monitoring tasks and future LGFRs will reflect any adjustments once cost-sharing responsibilities are confirmed. Environmental monitoring for the federal beach nourishment project (R-12 to R-36) is planned for:

- Summer 2021 – Year 1 (Funded Agreement 20ME1)
- Summer 2022 – Year 2 (FY2022/2023 Funding requested)
- Summer 2023 – Year 3 (FY2023/2024 Future request)

Hardbottom Biological Monitoring is required immediately post-construction then annually for three years on natural hardbottom and nearshore artificial reefs. There is no language pertaining to environmental monitoring within the November 2019 PPA between the USACE and Manatee County, therefore it is assumed that there is no federal cost sharing for environmental monitoring.

Coordination is ongoing with the USACE to clarify cost sharing for monitoring tasks and future LGFRs will reflect any adjustments once cost-sharing responsibilities are confirmed. The four required monitoring events include:

- Summer 2021 – Immediate Post-Construction (Hardbottom) (Funded Agreement 20ME2)
- Summer 2022 – Year 1 (Hardbottom/Artificial Reef) (Funded Agreement 20ME2)
- Summer 2023 – Year 2 (Hardbottom/Artificial Reef) (FY2022/2023 Funding requested)
- Summer 2024 – Year 3 (Hardbottom/Artificial Reef) (FY2023/2024 Future request)



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

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).

Federal Manatee SPP includes 24,816 ft of shoreline from R-12 to R-36

- 6. Eligibility:** Required for all beach projects pursuant to Chapter 62B-36.007, F.A.C. Provide as a separate attachment, if needed.
- **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.



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

Location/ Access Name	DEP Reference Monument	Type of Access	Width of Access/ Frontage (ft)	Number of Eligible Units	Additional Width from Eligible Units (ft)	Total Eligible Shoreline (ft)	Website Link for DBPR License

- 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						



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

Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
19/20						
19/20						
20/21						
20/21						
20/21						
21/22						
21/22						
21/22						
22/23	Monitoring	Environmental Monitoring (Sea turtles and shorebirds) Year 2		19,650	19,650	39,300
22/23	Monitoring	Hardbottom Monitoring Year 2		49,500	49,500	99,000
22/23						
23/24	Monitoring	Environmental Monitoring (Sea turtles and shorebirds) Year 3		20,250	20,250	40,500
23/24	Monitoring	Island-Wide Physical Monitoring - Year 3		67,850	67,850	135,700
23/24	Monitoring	Hardbottom Monitoring Year 3		49,500	49,500	99,000
24/25						
24/25						
24/25						
25/26	Monitoring	Island-Wide Physical Monitoring - Year 5		72,000	72,000	144,000
25/26						



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

Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
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](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):

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:



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

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)?

What is the nourishment interval (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

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.



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

Describe the landward and seaward edge of the accessible beach width

Provide the project boundaries (R-monuments)

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.

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

Additional comments

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?

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?



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

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

Permit number

Authorization date

Authorization date

Expiration date

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

Provide additional information and comments below or attach supporting documents.



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