



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

PART I: GENERAL INFORMATION

Local Sponsor Collier County - Growth Management Department - Coastal Zone Management Section

Federal ID Number (FEID) 59-60000558

Primary Contact Name Andrew Miller Title Principal Project Manager

Mailing Address Line 1 2685 South Horseshoe Drive, Unit 103

Mailing Address Line 2

City Naples Zip Code 34104 Telephone Number (239)-252-2922, c (239) 300-5862

Email Address Andrew.Miller@colliercountyfl.gov

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 Andrew Miller

 Date 7-29-21



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PART III: EVALUATION CRITERIA

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

Collier County Beach Renourishment

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

The project includes the periodic nourishment and monitoring of the Collier County beaches (Vanderbilt, Park Shore and Naples), maintenance dredging of Doctors Pass as a sand source for Naples Beach and erosion control structures adjacent to Doctors Pass for sand retention. The project area is located between Florida FDEP reference monuments R-22+300 and R-79, and includes three "reaches": Vanderbilt Beach, Park Shore, and Naples. Pelican Bay will be constructed by the County on a reimbursable basis and is not considered as part of the project area. Vegetation will be planned for select locations in the project area, and plans will be developed as needed. Dune growth will be encouraged through planting and maintaining dune vegetation. Dunes will be restored to pre-storm conditions when damaged.

A 2017 permit modification was approved by FDEP for the Park Shore segment (FDEP Permit 0331817-001-JC) to extend the northern reach limit from R-43+500 to R-42 in order to incorporate the Clam Pass Park disposal area that is permitted under the Clam Pass maintenance dredging permits into the County's beach nourishment program. Between 2017 and 2020 approximately 38,000 cubic material was placed from Clam Pass onto the beaches on either side of the inlet and an additional 20,000 cy was placed by truck haul in the newly permitted segment.

Doctors Pass is utilized as a borrow area for the Collier County Beach Renourishment Project. Periodic dredging of Doctors Pass and disposal south of the inlet (R-58A-457 to Lowdermilk Park R-61+816) will provide up to 20% (10,000 cy/yr) of the advanced nourishment fill material for the County's beaches.

Currently, the permit design is to maintain a 100 ft. wide beach in Vanderbilt and Naples Beaches and an 85 ft. wide beach in Park Shore, with a 6-year project design life. The beaches have been nourished in 2005/2006 with an offshore sand source and from an upland sand source using truck haul methods in 2013, 2014, 2016, 2019 and 2020. The County dredged Doctors Pass in spring 2018 and placed 18,200 cubic yards of sand within the nearshore disposal areas on Naples Beach. Approximately 105,000 tons (70,000 cy) will nourish Naples south of R-60+800 starting in November 2021 and material from Doctors Pass will be dredged and placed south of the inlet through R-61+800). Doctors Pass dredging is expected to bypass between 20,300 cy and 26,000 cy to Naples Beach.

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.

FY 2022/2023 funds are requested for physical and environmental monitoring.



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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.

Project maps are attached. The Value of Upland Property information is not required as only monitoring funds are being requested.

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

- Vanderbilt: R-22+300 to R-30.5 = 14,996 feet
- Park Shore: R-42 to R-54+400 = 12,976 feet
- Naples: Doctors Pass to R-79 = 19,340 feet

6. Eligibility: The Eligibility table and maps will be updated and transmitted to the FDEP when complete.

Location/Name	R-Monument	Type of Access	Width of Access/Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility Unit	Eligible Shoreline (feet)	Website Link for DBPR License
Vanderbilt Segment							
Delnor Wiggins State Recreation	R-22	Primary	60	340	2,640	2,700	NA
La Playa Beach Resort	R-26	Public Lodging	597	189	0	597	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=6CB6F49EDEDCEB7B2DA3F0B1B03FF871
Vanderbilt Beach Blvd.	R-29	Primary	130	345	2,640	2,640	NA
Ritz Carlton Hotel	R-30	Public Lodging	742	350	0	Overlap	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=51329BF412824BC8458810C0E8BA9FEC
Park Shore Segment							
Clam Pass Park	R-44	Primary	3345	172	5,896	9,241	NA
Seagate Drive North South	R-45.5	Secondary	100	38 (South) / 67 (North)	0	Overlap	NA
Horizon Way	R-52	Secondary	60	53	1,661	1,721	NA
Vedado Way	R-53	Secondary	60	37	1,954	2,014	NA



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Location/Name	R-Monument	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility Unit	Eligible Shoreline (feet)	Website Link for DBPR License
Naples Segment							
Edgewater Beach Hotel	R-59	Public Lodging	265	0	0	265	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=5575452E59C2CC7C6775B8E7289DF24B
Lowdermilk Park	R-61	Primary	920	200	5,280	6,200	NA
Naples Golf & Beach Club	R-63	Public Lodging	939	319	Overlap	Overlap	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=1E14F6131F14878E51E25E6FBD95C16B
8 th Ave N (S. Golf)	R-63.5	Secondary	60	40	2,112	1,380	NA
7 th Ave N	R-64	Secondary	60	12	634	694	NA
North Lake Ave	R-64.5	Secondary	60	40	2,112	1,380	NA
6 th Ave N	R-65	Secondary	60	12	634	694	NA
5 th Ave N	R-65.5	Secondary	60	0	0	60	NA
4 th Ave N	R-66	Secondary	60	16	845	905	NA
3 rd Ave N	R-66.5	Secondary	60	16	845	905	NA
2 nd Ave N	R-67	Secondary	60	16	845	905	NA
1 st Ave N	R-67.5	Secondary	60	17	898	958	NA
Central Drive	R-68	Secondary	60	12	634	694	NA
1 st Ave S	R-68.5	Secondary	60	12	634	694	NA
2 nd Ave S	R-69	Secondary	60	12	634	694	NA
3 rd Ave S	R-69.5	Secondary	60	12	634	694	NA
4 th Ave S	R-70	Secondary	60	12	634	694	NA
5 th Ave S	R-70.5	Secondary	60	12	634	694	NA
Hotel Escalante	R-71	Public Lodging	150	10	Overlap	Overlap	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=4413460F722FFE31272B68944987DB1A
6 th Ave S	R-71	Secondary	60	12	634	694	NA
7 th Ave S	R-71.5	Secondary	60	16	845	905	NA
8 th Ave S	R-72	Secondary	60	12	634	694	NA
9 th Ave S	R-72.5	Secondary	60	12	634	694	NA
10 th Ave S	R-73	Secondary	60	12	634	694	NA
11 th Ave S	R-73.5	Secondary	60	12	634	694	NA
Broad Ave	R-74	Secondary	60	31	1,637	1,380	NA
12 th Ave S	R-74.5	Secondary	60	100	5,340	1,380	NA
13 th Ave S	R-75	Secondary	60	12	634	694	NA
14 th Ave S	R-75.5	Secondary	60	31	1,637	1,380	NA
15 th Ave S	R-76	Secondary	60	12	634	694	NA
16 th Ave S	R-76.5	Secondary	60	31	1,637	1,380	NA
17 th Ave S	R-77	Secondary	60	9	475	535	NA
18 th Ave S	R-77.5	Secondary	60	31	1,637	1,380	NA
19 th Ave S / Shell Aly	R-78.5	Secondary	60	12	634	694	NA
21 st Ave S	R-78.5	Secondary	60	12	634	694	NA



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7. Schedule and Budget:

Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
2022/ 2023	Monitoring	Physical, Biological, Turtles, Tilling	\$410,000	\$0	\$173,800	\$236,200
2023/ 2024	Monitoring	Physical, Biological, Turtles, Tilling	\$410,000	\$0	\$173,800	\$236,200
2024/ 2025	Construction	Engineering Services - Park Shore	\$400,000	\$0	\$169,500	\$230,500
	Construction	Beach Renourishment - Park Shore	\$5,000,000	\$0	\$2,119,000	\$2,881,000
	Monitoring	Physical, Biological, Turtles, Tilling	\$410,000	\$0	\$173,800	\$236,200
2025/ 2026	Construction	Doctors Pass Dredging and Engineering Services	\$1,020,000	\$0	\$510,000	\$510,000
	Monitoring	Physical, Biological, Turtles, Shorebirds, Tilling	\$410,000	\$0	\$173,800	\$236,200
2026/ 2027	Construction	Beach Renourishment - Naples and Vanderbilt Reaches	3,000,000	\$0	\$1,271,400	\$1,728,600
	Monitoring	Physical, Biological, Turtles, Tilling	\$410,000	\$0	\$173,800	\$236,200

Items 8-17 are not required per the FDEP as only monitoring funds are requested for FY 22/23.



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ATTACHMENT 1.
LGFR MAPS



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ATTACHMENT 2.
RESOLUTION

RESOLUTION NO. 21 - ____

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF COLLIER COUNTY, FLORIDA SUPPORTING THE COUNTY'S "FLORIDA BEACH MANAGEMENT PROGRAM 2022/2023 FUNDING REQUESTS" TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR LONG RANGE FUNDING REQUESTS FOR FISCAL YEARS 2022/2023, AGREEING TO SERVE AS THE LOCAL SPONSOR, SUPPORT PROPOSED PROJECT ACTIVITIES AND COMMITMENT TO PROVIDING THE REQUIRED LOCAL COST SHARE.

WHEREAS, Collier County's Coastal Zone Management, acting on behalf of the Collier County Board of County Commissioners, has prepared Florida Beach Management Program 2021/2022 Funding Requests to the Florida Department of Environmental Protection (FDEP) for long range grant funding for Fiscal Years 2022/2023; and

WHEREAS, the funding requests are to fund the following three Collier County Projects:

1. Collier County Nourishment
 - a. FY 2022/2023 Construction - Collier County Beach Renourishment Project and Doctors Pass Dredging.
 - b. FY 2022/2023 Construction - Engineering and Permitting for Collier County Beach Renourishment Project and Doctors Pass Dredging.
2. Marco Island Nourishment
 - a. FY 2022/2023 Monitoring - Environmental, Physical Monitoring and tilling for FY 2020/2021 Construction
3. Wiggins Pass Dredging
 - a. FY 2022/2023 Monitoring – Environmental, Physical Monitoring and tilling
 - b. FY 2022/2023 Design – Engineering and Permitting for FY 2022/2023 Construction

c. FY 2022/2023 Construction – Emergency Channel Dredging and Dredging Construction Services for FY 2022/2023

WHEREAS, the timely maintenance and restoration of these high quality and readily accessible public recreational beaches is critical to preserve their value and viability, and to provide a boost to both the environment and the economy of Collier County tourism, including hotels, restaurants and related commercial activities; and

WHEREAS, the role of the County government in maintaining and restoring beaches is appropriate and crucial; and

WHEREAS, the Board of County Commissioners supports these three funding requests and requests approval from the FDEP for each funding request for Fiscal Years 2021/2022; and

WHEREAS, the Board of County Commissioners agrees to serve as the Local Sponsor; and

WHEREAS, the Board of County Commissioners is able and committed to providing the required Local Cost Share; and

WHEREAS, the Board of County Commissioners agrees to support proposed project activities; and

WHEREAS, the Board of County Commissioners supports funding contained in previously approved funding contracts, and

WHEREAS, the Board of County Commissioners has enacted the Tourist Development Tax Ordinance No. 92-60, as amended, which commits funding to beach renourishment, beach maintenance and beach park facilities.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF COLLIER COUNTY, FLORIDA, that:

1. The Board supports the Florida Beach Management Program 2022/2023 Funding Requests prepared for submittal to the Florida Department of Environmental Protection for long range funding for Fiscal Years 2022/2023, and requests approval from the FDEP for each funding request;

2. The Board of County Commissioners is willing to serve as the Local Sponsor and support the maintenance and renourishment projects. The Collier County's Coastal Zone Management has the staff dedicated to provide Project Management and Administrative support; and,

3. The Board of County Commissioners is committed to providing the required Local Cost Share. The required funds have been committed through the Tourist Development Tax Ordinance No. 92-60, as amended.

THIS RESOLUTION ADOPTED after motion, second and majority vote favoring same, this ____ day of _____, 2021.

DATE:
ATTEST:
CRYSTAL K. KINZEL, CLERK

BOARD OF COUNTY COMMISSIONERS
COLLIER COUNTY, FLORIDA

As Deputy Clerk

By: _____
Penny Taylor, CHAIRMAN

Approved as to form and legality:



Colleen M. Greene
Managing Assistant County Attorney