



**Beach Management Funding Assistance Program
Fixed Capital Outlay Government Funding Request
Fiscal Year 2024-25**

**Office of Resilience and Coastal Protection
Florida Department of Environmental Protection
December 2023**



BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM: FIXED CAPITAL OUTLAY GOVERNMENT FUNDING REQUEST FY 2024-25

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Introduction

Florida is dependent on its 825 miles of sandy beaches fronting the Atlantic Ocean, Gulf of Mexico and Straits of Florida for storm protection. Healthy beaches protect public infrastructure and private upland development, provide critical habitat for many endangered and threatened species and secure recreational and economic interest along the state's sandy shoreline. According to the Florida Office of Economic and Demographic Research (2015), "...the state's investment in the Beach Management Program generated a positive return on investment of 5.4... estimated using tax revenues resulting from visitor spending... A return of greater than 1 means that the tax revenue generated by tourists to the state of Florida more than covers the state's expenditure on beaches..."

The Florida Department of Environmental Protection (DEP) is charged, in Chapter 161, Florida Statutes (F.S.), with developing and implementing a comprehensive, long-range statewide beach management plan. DEP has developed, in coordination with local sponsors and the U.S. Army Corps of Engineers (USACE), a Strategic Beach Management Plan (Strategic Plan), Long Range Budget Plan and annual inventory of beach erosion control project activities proposed for the coming fiscal year. The Strategic Plan adopts strategies for erosion control activities along critically eroded beaches and inlets. Projects must have a clearly identifiable beach management benefit consistent with the Strategic Plan to be eligible for state funding assistance.

Florida's beach management program provides funding for a variety of local government-sponsored erosion control activities (e.g., feasibility and design studies, construction of erosion control structures and engineered sand placement and post-construction physical and biological monitoring to document project performance and potential impacts). Restoration involves the initial placement of sand to rebuild a beach that has been severely eroded. Beach nourishment, or periodic maintenance, places sand on previously restored beaches at specific intervals based on project performance in order to maintain original design intent for storm protection, recreational beach area and habitat enhancement. Inlet management and inlet sand bypassing are also critical to account for the disruption of sand transport along the shoreline caused by the maintenance and dredging of inlets.

DEP currently designates 432.5 miles of sandy shoreline as critically eroded. Since 1998, the Florida Legislature has dedicated over \$1.5 billion of the Ecosystem Management and Restoration Trust Fund, Land Acquisition Trust Fund, American Rescue Plan Act Funds and General Revenue for beach management. Of this, \$315 million was appropriated specifically for hurricane recovery projects. State funds are cost-shared with local governments on local and federally authorized projects, with each level of government contributing about one-third of the cost of the entire project. This funding has resulted in the restoration and subsequent maintenance of more than 253 miles, or 58 percent, of the state's critically eroded beaches.

The funding requests for Fiscal Year (FY) 2024-25 consist of 53 different projects, which total \$64.88 million. The prioritized list of beach erosion control projects is organized in two sections: (1) Beach Restoration and Nourishment Projects (Beach Projects); and (2) Inlet Sand Bypassing/Inlet Management Plan Implementation Projects (Inlet Projects). Each section contains a list of eligible projects ranked in priority order, based on the authority in sections

161.101 and 161.143, Florida Statute (F.S.), and the procedures outlined in Chapter 62B-36, Florida Administrative Code (F.A.C.), as amended in 2020. Effective July 1, 2019, Chapter 2019-122 Laws of Florida (House Bill 325), amended sections 161.101 and 161.143, F.S. The amendments to Chapter 62B-36, F.A.C., took effect in 2020. Post-construction monitoring, as required by state and federal permits, is presented on each list as a consolidated category, pursuant to section 62B-36.003(11), F.A.C. Projects have been evaluated by DEP based on consistency with the Strategic Plan, permitting status, readiness to proceed with the proposed funding phase and appropriateness of the amount of funding requested.

This document is organized with an overview of the beach projects, followed by a summary funding table with beach projects listed in priority order and a summary table for the post-construction monitoring of beach projects. Next, the document provides an overview of the inlet projects, followed by a summary funding table with inlet projects listed in priority order and a summary table for the post-construction monitoring of inlet projects. Lastly, project descriptions of individual beach and inlet projects are provided in the order they appear in the funding tables. Project descriptions are not provided for the post-construction monitoring beach and inlet projects.

Beach Restoration and Nourishment Projects

DEP has developed a multi-year repair and maintenance strategy to implement the state's responsibilities for a comprehensive, long-range, statewide program of beach erosion control, including beach restoration, nourishment and storm protection. The principles of this strategy are to:

- Maximize the infusion of beach-quality sand into the coastal system;
- Implement projects that contribute most significantly to addressing the state's beach erosion problems;
- Extend the life of beach restoration projects and reduce the frequency of nourishment;
- Encourage regional approaches to ensure the geographic coordination and sequencing of projects; and
- Reduce equipment mobilization and demobilization costs.

The funding requests for the FY 2024-25 Beach Projects total approximately \$49.2 million. Projects are presented in the following order:

- Beach Restoration and Nourishment Projects: a total of 23 projects requesting funds for feasibility studies, design and permitting, construction and first year post-construction monitoring (nine of these projects are also listed on the post-construction monitoring list).
- Years Two+ Post-Construction Monitoring: a combined list of 28 projects requesting funds for state and federal permit-required monitoring.

Projects have been evaluated by DEP and ranked in priority order, in accordance with Chapter 62B-36, F.A.C. The descriptions of the proposed projects are based primarily on information provided by local governments. Funding eligibility and state cost share percentages are calculated individually for each project based on public access, as defined by program rule.

Beach Restoration and Nourishment Projects

Rank	Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
	Post-Construction Monitoring (1)	Various	Monitoring	\$670,920.00	\$3,046,093.45	\$3,998,172.55	\$7,715,186.00	\$3,046,093.45
1	Estero Island Nourishment Project	Town of Ft. Myers Beach	Construction, Monitoring	\$0.00	\$2,757,176.50	\$1,200,823.50	\$3,958,000.00	\$5,803,269.95
2	Venice Segment – Sarasota County Shore Protection Project	City of Venice	Design, Construction, Monitoring	\$17,000,000.00	\$4,405,390.00	\$4,405,390.00	\$25,810,780.00	\$10,208,659.95
3	Anna Maria Island Beach Nourishment Project (non-federal)	Manatee County	Construction, Monitoring	\$0.00	\$1,854,900.00	\$1,854,900.00	\$3,709,800.00	\$12,058,559.95
4	Lovers Key Beach Nourishment Project	Lee County	Construction, Monitoring	\$0.00	\$3,145,200.00	\$647,813.78	\$3,793,013.78	\$15,203,759.95
5	Longboat Key Beach Nourishment Project	Town of Longboat Key	Design, Construction	\$0.00	\$232,483.00	\$597,517.00	\$830,000.00	\$15,436,242.95
6	Captiva Island Beach Nourishment Project	Captiva Erosion Prevention District	Design, Construction, Monitoring	\$0.00	\$1,950,302.41	\$7,305,997.59	\$9,256,300.00	\$17,386,545.36
7	Martin County Shore Protection Project	Martin County	Design and Construction	\$11,000,000.00	\$3,539,690.00	\$4,160,310.00	\$18,700,000.00	\$20,926,235.36
8	Bonita Beach Nourishment Project	Lee County	Construction, Monitoring	\$0.00	\$1,660,360.00	\$2,459,640.00	\$4,120,000.00	\$22,586,595.36
9	Jupiter Island Beach and Blowing Rocks Dune Nourishment Project (2)	Town of Jupiter Island	Design, Construction, Monitoring	\$23,873,088.00	\$363,867.10	\$1,551,222.90	\$25,788,178.00	\$22,950,462.46
10	Collier County Beach Nourishment Project	Collier County	Design	\$0.00	\$50,856.00	\$69,144.00	\$120,000.00	\$23,001,318.46
11	Pensacola Beach Nourishment Project	Santa Rosa Island Authority	Construction, Monitoring	\$0.00	\$15,070,000.00	\$15,070,000.00	\$30,140,000.00	\$38,071,318.46

- (1) Biological and physical monitoring required by state and federal permits after the first year of monitoring has been consolidated on the Post-Construction Monitoring List. A complete monitoring project listing can be found on Page Sseven. First year monitoring has been included with construction funds.
- (2) Federal cost share from FEMA for hurricane damage repair.
- (3) Funding request is for reimbursement of a project phase that has either been completed prior to the funding request submittal or that will be completed prior to the end of FY 2023-24.

Beach Restoration and Nourishment Projects (continued)

Rank	Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
12	Ft. Pierce Shore Protection Project	St. Lucie County Erosion District	Construction, Monitoring	\$10,844,000.00	\$1,740,737.00	\$1,740,737.00	\$14,325,474.00	\$39,812,055.46
13	Indian River County Sector 3 Beach and Dune Nourishment Project (2)	Indian River County	Construction	\$5,666,961.08	\$3,774,503.51	\$3,774,503.51	\$13,215,968.10	\$43,586,558.97
14	Panama City Beaches Shore Protection Project	Bay County	Design	\$0.00	\$752,400.00	\$1,247,600.00	\$2,000,000.00	\$44,338,958.97
15	Mid-Town Beach Shore Protection Project	Town of Palm Beach	Design	\$0.00	\$958,200.00	\$1,041,800.00	\$2,000,000.00	\$45,297,158.97
16	Town of Surfside Dune Restoration Project	Town of Surfside	Design, Construction	\$0.00	\$749,883.50	\$749,883.50	\$1,499,767.00	\$46,047,042.47
17	Key Biscayne Beach Nourishment Project	Village of Key Biscayne	Design, Construction, Monitoring	\$0.00	\$1,120,385.00	\$1,329,615.00	\$2,450,000.00	\$47,167,427.47
18	South Beaches Dune Restoration Project (3)	Brevard County	Construction	\$0.00	\$653,400.00	\$1,546,600.00	\$2,200,000.00	\$47,820,827.47
19	Hillsboro-Deerfield Beach Nourishment Project	City of Deerfield Beach	Design	\$0.00	\$300,000.00	\$300,000.00	\$600,000.00	\$48,120,827.47
20	Central Boca Raton Beach Nourishment Project	City of Boca Raton	Design	\$0.00	\$61,364.00	\$83,636.00	\$145,000.00	\$48,182,191.47
21	Navarre Beach Nourishment Project (3)	Santa Rosa County	Design	\$0.00	\$200,000.00	\$200,000.00	\$400,000.00	\$48,382,191.47
22	North Boca Raton Shore Protection Project	City of Boca Raton	Design	\$115,100.00	\$42,450.00	\$42,450.00	\$200,000.00	\$48,424,641.47
23	Phipps Ocean Park Beach Nourishment Project	Town of Palm Beach	Design	\$0.00	\$771,200.00	\$1,228,800.00	\$2,000,000.00	\$49,195,841.47
	TOTAL			\$69,170,069.08	\$49,195,841.47	\$56,601,556.55	\$174,967,467.10	

(1) Biological and physical monitoring required by state and federal permits after the first year of monitoring has been consolidated on the Post-Construction Monitoring List. A complete monitoring project

listing can be found on Page Seven. First year monitoring has been included with construction funds.

- (2) Federal cost share from FEMA for hurricane damage repair.
- (3) Funding request is for reimbursement of a project phase that has either been completed prior to the funding request submittal or that will be completed prior to the end of FY 2023-24.

Beach Restoration and Nourishment Post-Construction Monitoring

Project Description

This category serves to provide funding for monitoring activities associated with previously constructed projects. Eligible program activities include physical and biological monitoring required by permit.

Funds Requested

Funds will be used to support the following projects identified in priority order for year two post-construction monitoring and beyond. First year monitoring required by permit is included in the construction funds on the previous Beach Nourishment Projects list.

Project Name	Local Sponsor	Federal	State	Local	Total
Anna Maria Island Beach Nourishment Project (non-federal)	Manatee County	\$0.00	\$49,300.00	\$49,300.00	\$98,600.00
Anna Maria Island Shore Protection Project	Manatee County	\$0.00	\$62,950.00	\$62,950.00	\$125,900.00
Bal Harbour Segment - Miami-Dade County Shore Protection Project	Miami-Dade County	\$0.00	\$37,501.50	\$37,501.50	\$75,003.00
Brevard County Shore Protection Project- Mid Reach	Brevard County	\$0.00	\$200,000.00	\$200,000.00	\$400,000.00
Brevard County Shore Protection Project- North and South Reaches	Brevard County	\$0.00	\$220,000.00	\$220,000.00	\$440,000.00
Broward County Shore Protection Project - Segment II	Broward County	\$670,920.00	\$259,690.58	\$287,026.43	\$1,217,637.00
Broward County Shore Protection Project - Segment III	Broward County	\$0.00	\$313,855.00	\$133,866.00	\$447,721.00
Charlotte County Beach Nourishment Project	Charlotte County	\$0.00	\$196,788.00	\$355,212.00	\$552,000.00
Collier County Beach Nourishment Project	Collier County	\$0.00	\$178,843.60	\$243,156.40	\$422,000.00

Beach Restoration and Nourishment Post-Construction Monitoring (continued)

Project Name	Local Sponsor	Federal	State	Local	Total
Lido Key Segment – Sarasota County Shore Protection Project	City of Sarasota	\$0.00	\$83,375.00	\$83,375.00	\$166,750.00
Longboat Key Beach Nourishment Project	Manatee and Sarasota Counties	\$0.00	\$89,632.00	\$230,368.00	\$320,000.00
Miami Beach Segment - Miami-Dade County Shore Protection Project	Miami-Dade County	\$0.00	\$150,000.00	\$150,000.00	\$300,000.00
Nassau County Shore Protection Project	City of Fernandina Beach	\$0.00	\$50,301.00	\$64,699.00	\$115,000.00
Navarre Beach Nourishment Project	Santa Rosa County	\$0.00	\$1,022.00	\$1,022.00	\$2,044.00
North Boca Raton Shore Protection Project	City of Boca Raton	\$0.00	\$47,500.00	\$47,500.00	\$95,000.00
Panama City Beaches Shore Protection Project	Bay County	\$0.00	\$47,025.00	\$77,975.00	\$125,000.00
Pensacola Beach Nourishment Project	Santa Rosa Island Authority	\$0.00	\$57,500.00	\$57,500.00	\$115,000.00
Sarasota County Shore Protection Project, Venice	City of Venice	\$0.00	\$105,390.00	\$105,390.00	\$210,780.00
South Beaches Dune Restoration Project	Brevard County	\$0.00	\$89,100.00	\$210,900.00	\$300,000.00
South Boca Raton Beach Nourishment Project	City of Boca Raton	\$0.00	\$96,625.00	\$153,375.00	\$250,000.00
South Marco Island Beach Nourishment Project	Collier County	\$0.00	\$29,812.90	\$80,687.10	\$110,500.00
South Ponte Vedra and Vilano Beach Coastal Storm Risk Management Project	St. Johns County	\$0.00	\$61,215.00	\$113,785.00	\$175,000.00
South Ponte Vedra Dune Restoration Project	St. Johns County	\$0.00	\$45,630.00	\$214,370.00	\$260,000.00
South Siesta Key Beach Nourishment Project	Sarasota County	\$0.00	\$351,651.38	\$499,598.63	\$851,250.00
St. Johns County Shore Protection Project	St. Johns County	\$0.00	\$76,230.00	\$98,770.00	\$175,000.00

Beach Restoration and Nourishment Post-Construction Monitoring (continued)

Project Name	Local Sponsor	Federal	State	Local	Total
St. Joseph Peninsula Beach Nourishment Project	Gulf County	\$0.00	\$114,000.00	\$186,000.00	\$300,000.00
Sunny Isles Segment - Miami-Dade County Shore Protection Project	Miami-Dade County	\$0.00	\$23,655.00	\$26,345.00	\$50,000.00
Surfside Segment - Miami-Dade County Shore Protection Project	Miami-Dade County	\$0.00	\$7,500.50	\$7,500.50	\$15,001.00
TOTAL		\$670,920.00	\$3,046,093.45	\$3,998,172.55	\$7,715,186.00

* Post-Construction monitoring list presented in alphabetical order and not priority order.

Inlet Sand Bypassing / Inlet Management Plan Implementation Projects

Navigational inlets are not only critical components of the state's commercial and recreational infrastructure, but they contribute significantly to beach erosion by interrupting or altering the natural drift of sand. For this reason, Florida's Legislature directed DEP to commit its comprehensive beach management efforts to address beach erosion caused by inlets. Funding for the inlet projects will be used to implement the actions recommended in the specific Inlet Management Plans (IMP) or the statewide Strategic Plan. IMPs adopted by DEP are incorporated into the Strategic Plan by reference along with other inlet management strategies. Feasibility studies conducted by local governments, federal and state studies and reports, and the study reports authorizing federal shore protection projects are also incorporated by reference. Inlet management projects include, but are not limited to, inlet sand bypassing, modifications to channel dredging, jetty redesign, jetty repair, disposal of dredge material, and the development, revision, adoption or implementation of an IMP.

The Legislature amended section 161.142, F.S., and created section 161.143, F.S., in 2008 to strengthen DEP's commitment to managing sediment around inlets. These sections direct DEP to develop and maintain sediment budgets for each inlet and ensure beach quality sand is placed on adjacent eroding beaches. They further establish funding priorities and ranking criteria for inlet projects and require DEP to provide an annual inlet project list to the Legislature for funding consideration. Rule 62B-36, F.A.C., was amended in 2013 to incorporate ranking criteria specific to inlet projects and the criteria were updated in 2020 following statutory changes to section 161.143, F.S. These new criteria were used in ranking inlet projects for FY 2021-22 through FY 2024-25. Post-construction monitoring is consolidated into a single category, pursuant to Rule 62B-36.003(11), F.A.C.

The funding requirements provided in section 161.143, F.S. also include provisions that DEP shall designate for projects on the current year's inlet management project list, in priority order, an amount that is at least equal to the greater of:

- Ten percent of the total amount that the Legislature appropriates in the fiscal year for statewide beach management; or
- The percentage of inlet management funding requests from local sponsors as a proportion of the total amount of statewide beach management dollars requested in a given year.

Effective July 1, 2019, Chapter 2019-122 Laws of Florida (House Bill 325), amended section 161.143(3), F.S., stating that, "The department may pay from legislative appropriation up to 75 percent of the construction cost of an initial major inlet management project component for the purpose of mitigating the erosive effects of the inlet to the shoreline and balancing the sediment budget. All project costs not associated with an initial major inlet management project component must be shared equally by state and local sponsors in accordance with s. 161.101(15), F.S."

The funding requests for the FY 2023-24 Inlet Projects total \$15.69 million. The funding priorities established by DEP must be consistent with the requirements and legislative declaration in sections 161.101(14), 161.142, 161.143, and 161.161(1)(b), F.S. Projects are

presented in the following order:

- **Inlet Management Implementation/Inlet Sand Bypassing Projects:** a total of nine projects requesting funds for feasibility studies, design and permitting activities, construction and first year post-construction monitoring.
- **Years Two+ Post-Construction Monitoring:** a combined list of two projects requesting funds for state and federal permit-required monitoring.

Projects have been evaluated by DEP and ranked in priority order, in accordance with Chapter 62B-36, F.A.C. The descriptions of the proposed projects are based primarily on information provided by local governments. Funding eligibility and state cost share percentages are determined pursuant to section 161.143(3), F.S.

Inlet Sand Bypassing / Inlet Management Plan Implementation Projects

Rank	Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
	Post-Construction Monitoring (1)	Various	Monitoring	\$0.00	\$444,000.00	\$444,000.00	\$888,000.00	\$444,000.00
1	Passage Key Inlet Management Plan Implementation	Manatee County	Design	\$0.00	\$375,000.00	\$375,000.00	\$750,000.00	\$819,000.00
2	Port Canaveral Inlet Management Plan Implementation	Canaveral Port Authority	Design, Construction, Monitoring	\$32,050,000.00	\$223,000.00	\$223,000.00	\$32,496,000.00	\$1,042,000.00
3	St. Lucie Inlet Management Plan Implementation	Martin County Board of Commissioners	Construction, Monitoring	\$5,750,000.00	\$3,150,000.00	\$3,150,000.00	\$12,050,000.00	\$4,192,000.00
4	Jupiter Inlet Management Plan Implementation (2)	Jupiter Inlet District	Feasibility, Construction	\$0.00	\$736,859.40	\$736,859.40	\$1,473,718.80	\$4,928,859.40
5	Sebastian Inlet Management Plan Implementation	Sebastian Inlet District	Design, Construction	\$0.00	\$6,122,500.00	\$1,612,500.00	\$7,735,000.00	\$11,051,359.40
6	Hillsboro Inlet Management Plan Implementation (2)	Hillsboro Inlet District	Feasibility, Design, Construction, Monitoring	\$0.00	\$1,710,000.00	\$1,710,000.00	\$3,420,000.00	\$12,761,359.40
7	Boca Raton Inlet Management Plan Implementation	City of Boca Raton	Construction, Monitoring	\$0.00	\$77,700.00	\$77,700.00	\$155,400.00	\$12,839,059.40
8	Ft. Pierce Inlet Management Plan Implementation	St. Lucie County	Design, Construction	\$0.00	\$2,705,000.00	\$2,705,000.00	\$5,410,000.00	\$15,544,059.40
9	Wiggins Pass Inlet Management Plan Implementation	Collier County	Design, Monitoring	\$0.00	\$145,000.00	\$145,000.00	\$290,000.00	\$15,689,059.40
	TOTAL			\$37,800,000.00	\$15,689,059.40	\$11,179,059.40	\$64,668,118.80	

(1) Biological and physical monitoring required by state and federal permits has been consolidated on the Post-Construction Monitoring list. A total of one previously constructed project requires monitoring activities for FY 2024-25. A complete monitoring project listing can be found on Page 13.

(2) Funding request is for reimbursement of a project phase that has either been completed prior to the funding request submittal or that will be completed prior to the end of FY 2022-23.

Inlet Management Post-Construction Monitoring

Project Description

This category serves to provide funding for monitoring activities associated with previously constructed projects. Eligible program activities include physical and biological monitoring required by permit.

Funds Requested

Funds will be used to support the following projects identified in priority order for year two post-construction monitoring and beyond. First year monitoring required by permit is included in the construction funds on the Inlet Sand Bypassing/Inlet Management Plan Implementation Projects list.

Project Name	Local Sponsor	Federal	State	Local	Total
Lake Worth Inlet Management Plan Implementation	Town of Palm Beach	\$0.00	\$354,000.00	\$354,000.00	\$708,000.00
Pensacola Pass Inlet Management Plan Implementation	Escambia County	\$0.00	\$90,000.00	\$90,000.00	\$180,000.00
TOTAL		\$0.00	\$444,000.00	\$444,000.00	\$888,000.00

* Post-Construction monitoring list presented in alphabetical order and not priority order.

Name of Project Estero Island Nourishment Project

Local Sponsor Town of Ft. Myers Beach

Local Contact Chadd Chustz

Project Description

The Estero Island Nourishment Project is located between DEP monuments R175-400' and R198 as well as R203 and R207 in Lee County. Although federally authorized in 2000 from R175-199, the initial restoration of a segment from R174.6 to 181.5 was completed in 2011 without federal participation. The first nourishment for the northern segment, along with initial restoration of the remainder of the project, is scheduled for 2023-2024. Staff have determined that 83.4% of the project is eligible for state cost sharing in the north and central fill locations (R175-400 to R198) and 100% of the project is eligible for state cost sharing in the south fill location (R203 to R207).

Funds Will Be Used For

Construction and Monitoring

Federal	State	Local	Total
\$0	\$2,757,176.50	\$1,200,823.50	\$3,958,000.00

Name of Project Venice Segment – Sarasota County Shore Protection Project

Local Sponsor City of Venice

Local Contact Kathleen Weeden

Project Description

The Sarasota County Shore Protection Project is located between DEP monuments R116 and R133 in Sarasota County. Following federal authorization, the initial restoration of the project was completed in 1996, with nourishment in 2005 and 2015. Design and permitting is complete for a subsequent nourishment, planned for 2024. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design (reimbursement), Construction and Monitoring

Federal	State	Local	Total
\$17,000,000.00	\$4,405,390.00	\$4,405,390.00	\$25,810,780.00

Name of Project Anna Maria Island Beach Nourishment Project

Local Sponsor Manatee County

Local Contact Charlie Hunsicker

Project Description

The Anna Maria Island Beach Nourishment Project is located between DEP monuments R33 and R41.5 in Manatee County. Four projects are currently active: Coquina Beach nourishment, Coquina Beach stabilization structures, Longboat Pass jetty and the Coquina Beach nourishment mitigation reef. Initial restoration of the Coquina Beach project was completed in May 2011, followed by installation of a geotextile tube along the north side of the existing Longboat Pass jetty in April 2012. Due to damages sustained during Tropical Storm Debby in 2012, the USACE placed sand in the northern section of the project (R33-R36) along with repair to the federally authorized project to the north (R12-R33). Non-federal nourishment for Coquina Beach was also completed in 2014 to address losses from Tropical Storm Debby and restore to the full project template from R33 to R40.7, including an overlapping taper section with the federal project area between R33 and R36. An artificial reef of 4.87 acres was constructed in the fall of 2011 as mitigation for nearshore hardbottom burial resulting from the Coquina Beach restoration. Current activities include construction of additional artificial reef (2024), reconstruction of Longboat Pass jetty to improve performance (2024), removal of current stabilization structures and construction of four rubblemound breakwaters (2024) and monitoring activities associated with the jetty and structures. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Construction and Monitoring

Federal	State	Local	Total
\$0.00	\$1,854,900.00	\$1,854,900.00	\$3,709,800.00

Name of Project Lovers Key Beach Nourishment Project

Local Sponsor Lee County

Local Contact Michael Campbell

Project Description

The Lovers Key Beach Nourishment Project is located between DEP monuments R214.5 and R220.5 in Lee County. Beach and dune restoration in Lovers Key State Park was completed by Lee County in cooperation with DEP’s Division of Recreation and Parks in 2004. Subsequent nourishment was completed December 2014 in conjunction with the Bonita Beach project to the south. The project placed approximately 342,350 cubic yards (cy) of material on Lover’s Key from the Big Carlos Pass ebb shoal complex. Since construction, the project has been impacted by several tropical cyclones, most notably Hurricane Ian in 2022. Nourishment is planned for 2024. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Construction and Monitoring

Federal	State	Local	Total
\$0.00	\$3,145,200.00	\$647,813.78	\$3,793,013.78

Name of Project Longboat Key Beach Nourishment Project

Local Sponsor Town of Longboat Key

Local Contact Howard Tipton

Project Description

The Longboat Key Beach Nourishment Project is located between DEP monuments R42 and R67 in Manatee County and R1 and R29 in Sarasota County. Restoration was first completed in 1993, from Manatee County R46 to Sarasota County R29, using ebb shoal sand from Longboat Pass and New Pass. Nourishment has been completed on a periodic basis using ebb/flood shoal, offshore or upland sand sources when needed. Structural alternatives (e.g., jetties and groins) have been used on various locations throughout the project to extend the nourishment intervals. In 2021, the town constructed a multi-segment beach nourishment project as well as a five-structure extension to the groin field along the northern shoreline. The beach nourishment work involved excavation of sand from three different permitted borrow areas (Passage Key, Longboat Pass and New Pass) for placement along five segments of shoreline. Greer Island Spit was reconstructed in 2023. The project just completed the Gulfside road alternatives development design (2023) and is moving into the design phase of an island-wide nourishment (2026). Staff have determined that 56.02% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design (reimbursement and permitting) and Construction (reimbursement)

Federal	State	Local	Total
\$0.00	\$232,483.00	\$597,517.00	\$830,000.00

Name of Project Captiva Island Segment – Lee County Shore Protection Project

Local Sponsor Captiva Erosion Prevention District

Local Contact Daniel Munt

Project Description

The Captiva Island Beach Nourishment Project is a 4.85-mile project located between DEP monuments R84 and R109 in Lee County. The northern segment from R84-R94 was restored in 1981 as a local project. Nourishment of this shoreline and restoration of the remainder of the project (R94-R109) was completed as part of the federal Lee County Shore Protection Project. The Captiva Island segment is federally authorized until 2037; however, it has received no federal participation in the last two nourishment events. The most recent beach nourishment project was completed in November 2021 with placement of 845,600 cy of sand along the entire project area., including fill to account for losses due to Hurricane Irma. Due to Hurricane Ian (2022), emergency nourishment was initiated in 2023. Staff have determined that 43.54% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design (design reimbursement), Construction (storm repair reimbursement) and Monitoring (reimbursement)

Federal	State	Local	Total
\$0.00	\$1,950,302.41	\$7,305,997.59	\$9,256,300.00

Name of Project Martin County Shore Protection Project

Local Sponsor Martin County

Local Contact Jessica Garland

Project Description

The Martin County Shore Protection Project includes 4.21 miles of shoreline located between DEP reference monuments R1 and R25.6 in Martin County. The project was federally authorized in 1995 and the initial restoration was completed in 1996. Subsequent nourishments were constructed in 2001-2002, 2005, 2013 and 2018. The project is in the design phase for construction of the next nourishment, planned for 2024/2025. Staff have determined that 91.94% of the project is eligible for state cost share.

Funds Will Be Used For

Design (design and permitting) and Construction.

Federal	State	Local	Total
\$11,000,000.00	\$3,539,690.00	\$4,160,310.00	\$18,700,000

Name of Project Bonita Beach Nourishment Project

Local Sponsor Lee County

Local Contact Steve Boutelle

Project Description

The Bonita Beach Nourishment Project includes 0.78 miles of shoreline located between DEP monuments R226 and R230+400' in Lee County. Restoration of the non-federal project was completed in 1995 using sand from New Pass ebb shoal, with nourishment completed in 2004, using sand from both New Pass and Big Carlos Pass. The last nourishment was completed in September 2014 in conjunction with the Lovers Key project to the north and placed approximately 134,484 cy of material using sand from the Big Carlos Pass ebb shoal complex. Since the last nourishment, the project has been impacted by several tropical cyclones, most notably Hurricane Ian in 2022. Nourishment is planned for 2024. Staff have determined that 80.6% of the project is eligible for state cost sharing.

Funds Will Be Used For

Construction and Monitoring

Federal	State	Local	Total
\$0.00	\$1,660,360.00	\$2,459,640.00	\$4,120,000.00

Name of Project Jupiter Island Beach and Blowing Rocks Dune Nourishment Project

Local Sponsor Town of Jupiter Island

Local Contact John Duchock

Project Description

The Jupiter Island Beach Nourishment and Blowing Rocks Dune includes 7.7 miles of shoreline from R73 to R117, and R126 to R127+400' in Martin County. The project has had regular nourishments since the initial restoration in 1973, with the most recent nourishment completed in 2020/2021 to repair damages from Hurricane Dorian. The Blowing Rocks dune component was nourished in 2012, 2014, 2017, and 2020 with full dune reconstruction completed in December 2022. To address recent storm damages, design is underway for the next nourishment (2025) that will include FEMA assistance. Staff have determined that 38% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design, Construction and Monitoring

Federal	State	Local	Total
\$23,873,088.00	\$363,867.10	\$1,551,222.90	\$25,788,178.00

Name of Project Collier County Beach Nourishment Project

Local Sponsor Collier County

Local Contact Andrew Miller

Project Description

The Collier County Beach Nourishment Project is located in three segments between DEP monuments R22+300 and R30.5 (Vanderbilt Beach), R42 and R54+400 (Park Shore), and R58 and R79 (Naples). The project includes nourishment and monitoring of the Collier County beaches, dredging of Doctors and Clam Passes and construction/maintenance of erosion control structures for sand retention. Initial restoration was completed in 1996 and the last full-scale nourishment with offshore sand was completed in 2006. The beaches are now routinely maintained through periodic nourishment using upland sand sources and through inlet sand bypassing. Between 2017 and 2020, approximately 38,000 cy of dredged material was placed from Clam Pass onto the beaches on either side of the inlet and an additional 20,000 cy was placed in the newly permitted segment. Park Shore beach was nourished with approximately 130,000 cy of sand as part of the 2019 project. Naples Beach received approximately 30,000 cy of sand dredged from Doctors Pass in 2018 and placed in the nearshore. The reach from the Doctors Pass south jetty to R60 was nourished with sand in late 2020. Additionally, following the passage of Hurricane Ian, an emergency berm project restored portions of the dry beach within the project areas in spring/summer 2023. The project is currently in the design phase for a post-Hurricane Ian repair project. DEP staff has determined that the Naples Beach section is eligible for 95% state cost sharing, Vanderbilt Beach section is eligible for 85.9% state cost sharing, and Park Shore is eligible for 68.7% state cost sharing.

Funds Will Be Used For

Design

Federal	State	Local	Total
\$0.00	\$50,856.00	\$69,144.00	\$120,000.00

Name of Project Pensacola Beach Nourishment Project

Local Sponsor Santa Rosa Island Authority

Local Contact Juan Lemos

Project Description

The Pensacola Beach Nourishment Project includes 8.2 miles of shoreline located between DEP monuments R107 and R151 in Escambia County. Initial restoration of the project shoreline was completed in 2003, with nourishment following in 2006 to address significant impacts from Hurricanes Ivan, Dennis and Katrina. The last nourishment was completed in 2016 using 1.75 million cy of sand placed along the full project shoreline. The next scheduled nourishment is planned for 2025. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Construction and Monitoring

Federal	State	Local	Total
\$0.00	\$15,070,00.00	\$15,070,00.00	\$30,140,000.00

Name of Project Ft. Pierce Shore Protection Project

Local Sponsor St. Lucie County Erosion District

Local Contact Joshua Revord

Project Description

The Ft. Pierce Shore Protection Project is located along a 2.3-mile segment between DEP monuments R34 and R46 in St. Lucie County. Initial restoration of the project occurred in 1971 and later nourishment in 1981. The project was reauthorized by Congress in 1986 and 16 federal nourishments have been completed since 1999. The next nourishment is scheduled for the winter of 2024. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Construction and Monitoring

Federal	State	Local	Total
\$10,844,000	\$1,740,737.00	\$1,740,737.00	\$14,325,474.00

Name of Project Indian River County Sector 3 Beach and Dune Nourishment Project

Local Sponsor Indian River County

Local Contact Eric Charest

Project Description

The Wabasso Beach Nourishment Project - Sector 3 Project includes 6.6 miles of shoreline located between DEP monuments R20 and R55 in Indian River County. The construction project will place approximately 246,000 cy of beach-compatible sand fill and plant approximately 728,633 native dune plants along the project area. The department's designation of critically eroded shoreline ends at R51.3, so the shoreline outside of this area is not eligible for state cost share and is not considered part of the request. The upcoming nourishment will occur between fall 2023 and spring 2024. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Construction

Federal	State	Local	Total
\$5,666,961.08	\$3,774,503.51	\$3,774,503.51	\$13,215,968.10

Name of Project Panama City Beaches Shore Protection Project

Local Sponsor Bay County

Local Contact Robert J. Majka Jr.

Project Description

The Panama City Beaches Shore Protection Project includes 18.6 miles of shoreline located between DEP monuments R0.5 and R92 in Bay County. Beach restoration was completed in 1999, along 17.7 miles of shoreline between R1 and the pier at St. Andrews Park using multiple offshore sources. The federal project from R5-R93 followed in 1998, with a federal nourishment completed in 2006. Federal authorization and nourishment of the Pinnacle Port and Carillon Beach portion (R1-R5) followed in 2011. In 2017, nourishment was conducted over four miles of shoreline in four reaches. The most recent nourishment project was constructed in 2021/2022. An initial desktop sand search study has been conducted, which is being followed by a full-scale sand search. Staff have determined that 75.23% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design

Federal	State	Local	Total
\$0.00	\$752,400.00	\$1,247,600.00	\$2,000,000.00

Name of Project Mid-Town Beach Shore Protection Project

Local Sponsor Town of Palm Beach

Local Contact Patricia Strayer, P.E.

Project Description

The Mid-Town Beach Nourishment includes 2.8 miles of shoreline between DEP Range Monuments R-90.4 and R-102.3 in Palm Beach County. Restoration was completed in 1995 from R-95 to R-100, including the construction of 11 groins. 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 and in FY 2010-/11. The project is included in the 2013 Palm Beach Island Beach Management Agreement. The next nourishment was completed in April 2015, with construction of an additional groin at R-99 following in May 2018. The most recent nourishment was completed in May 2020, and it was the first nourishment performed with federal cost share. The town signed a Project Partnership Agreement with the USACE in 2019 to have the Mid-Town Segment included within the Palm Beach County Federal Shore Protection Project. A sand search is underway to delineate borrow areas for the next nourishment. Staff have determined that 95.83% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design (sand search)

Federal	State	Local	Total
\$0.00	\$958,200.00	\$1,041,800.00	\$2,000,000.00

Name of Project Town of Surfside Dune Restoration Project

Local Sponsor Town of Surfside

Local Contact Randy Stokes

Project Description

The Town of Surfside Dune Restoration Project includes one mile of shoreline located between DEP monuments R31+350' and R36+387' in Miami-Dade County. The restoration of the federally authorized Miami-Dade County Shore Protection Project at Surfside (R31-R38) was completed in January 1978 using sand from offshore borrow sites. Federal nourishment projects are constructed periodically and on an "as needed" basis, with hot-spot nourishment being conducted by the county using upland sand between federal nourishments. The most recent nourishment was completed in 2020. The Town of Surfside has developed a Dune Plan to maintain an average dune width of 80 feet to minimize beach erosion, from 87th to 96th Street. The Town's Dune Plan included truck hauling sand for increased elevation, removal of invasive species, trimming, replanting, and improving the overall dune system. The project is currently designing the next dune nourishment. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design and Construction

Federal	State	Local	Total
\$0.00	\$749,883.50	\$749,883.50	\$1,499,767.00

Name of Project Key Biscayne Beach Nourishment Project

Local Sponsor Village of Key Biscayne

Local Contact Cairo Cangas

Project Description

The Key Biscayne Beach Nourishment Project is a 1.3-mile project between DEP monuments R101.3 and R107.6 in Miami-Dade County. The project was restored as a federally authorized restoration in 1987. In 1990, the project was de-authorized and was subsequently followed by four non-federal nourishments in 2002, 2008, 2012 and 2017. The most recent nourishment was completed in 2021 to address damages caused by Hurricane Irma. An interim truck-haul nourishment is scheduled for winter/spring 2024 to address impacts from Hurricane Ian and Nicole (2022). The project is also in the design phase for additional nourishment, which is scheduled for winter/spring 2025. Staff have determined that 91.46% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design, Construction and Monitoring

Federal	State	Local	Total
\$0.00	\$1,120,385.00	\$1,329,615.00	\$2,450,000.00

Name of Project South Beaches Dune Restoration Project

Local Sponsor Brevard County

Local Contact Mike McGarry

Project Description

The South Beaches Dune Restoration Project includes 11.5 miles of shoreline located between DEP monuments R140 and R202 in Brevard County. Since initial construction in 2006, eight other dune nourishments have occurred, placing a total of 772,587 cy of sand. The next construction event is scheduled to commence in 2024. Staff have determined that 59.40% of the project is eligible for state cost sharing.

Funds Will Be Used For

Construction

Federal	State	Local	Total
\$0.00	\$653,400.00	\$1,546,600.00	\$2,200,000.00

Name of Project Hillsboro-Deerfield Beach Nourishment Project

Local Sponsor City of Deerfield Beach

Local Contact Patrick Bardes

Project Description

The Hillsboro-Deerfield Beach Nourishment Project includes 13 miles of shoreline located between DEP monuments R5+350' and R9 in the adjacent City of Deerfield Beach and the Town of Hillsboro Beach in Broward County. The Hillsboro Beach Nourishment Project has placed approximately 1.6 million cy of beach compatible sand within approximately 7,000 ft of shoreline in the Town of Hillsboro Beach and the City of Deerfield Beach since 1972. Placement has occurred in different sections of beach between R-monuments 5 and 12. Large scale dredging projects occurred in 1972 (360,000 cy), 1998 (555,000 cy), 2011 (339,000 cy), and 2023 (200,000 cy). Smaller scale truck haul projects have occurred in 2008 (10,000 cy), 2015 (45,000 cy), 2018 (34,000 cy) and 2020 (69,000 cy). The project is in the design phase for the next nourishment in 2026/2027. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design

Federal	State	Local	Total
\$0.00	\$300,000.00	\$300,000.00	\$600,000.00

Name of Project Central Boca Raton Beach Nourishment Project

Local Sponsor City of Boca Raton

Local Contact Erin Tierney, M.P.A.

Project Description

The Central Boca Raton Beach Nourishment project includes one and a half miles of shoreline between DEP monuments R216 - R222 in Palm Beach County. Restoration was completed in 2004 with a nourishment in 2006 to address storm impacts. Construction of the first design interval nourishment was completed in March 2017, placing 514,000 cy of beach compatible sand within the project area. The project is in the design phase for next nourishment, scheduled for FY2026-27. Staff have determined that 84.64% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design

Federal	State	Local	Total
\$0.00	\$61,364.00	\$83,636.00	\$145,000.00

Name of Project Navarre Beach Nourishment Project

Local Sponsor Santa Rosa County

Local Contact Michael Schmidt

Project Description

The Navarre Beach Nourishment Project includes 4.1 miles of shoreline located between DEP monuments R192.5 and R213.5 in Santa Rosa County. Initial construction took place in 2006 with the first maintenance nourishment taking place in 2016. The county is evaluating the need for expansion of the project limits to the west. The project is in the design phase for the next nourishment, which is planned for 2024. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design

Federal	State	Local	Total
\$0.00	\$200,000.00	\$200,000.00	\$400,000.00

Name of Project North Boca Raton Shore Protection Project

Local Sponsor City of Boca Raton

Local Contact Erin Tierney, M.P.A.

Project Description

The North Boca Raton Shore Protection Project includes one and half miles of shoreline between DEP monuments R205 and R212+181' in Palm Beach County. Restoration was completed in 1988 and nourishments have been completed in 1998, 2010, 2014 and 2020. The 2014 event repaired storm damages from Hurricane Sandy and the 2020 event repaired storm damages from Hurricane Matthew. Both projects were constructed by the USACE with funds from the Flood Control and Coastal Emergencies appropriation. The project is in the design phase for the upcoming 2026/2027 nourishment. Staff have determined that 100% of the project is eligible for state cost sharing.

Funds Will Be Used For

Design

Federal	State	Local	Total
\$115,100.00	\$42,450.00	\$42,450.00	\$200,000.00

Name of Project Phipps Ocean Park Beach Nourishment Project

Local Sponsor Town of Palm Beach

Local Contact Patricia Strayer, P.E.

Project Description

The Phipps Ocean Park Beach Nourishment Project includes 2.1 miles of shoreline located from DEP monuments R116+450' to R127+87' in Palm Beach County. In 2004, a 3.1-acre artificial reef was constructed to mitigate impacts to hardbottom resources in advance of the initial 2006 restoration. A FEMA dune nourishment was completed in 2011 to repair damages sustained during Tropical Storm Fay. The project is included in the 2013 Palm Beach Island Beach Management Agreement. An interim dune nourishment was completed in 2015 in coordination with the Mid-Town Beach project, and a full nourishment was completed in 2016, with an expansion of the project limit. The most recent project was completed in 2021, placing 19,000 cy on dunes between R116 and R119 and 450,000 cy between R118.6 and R124.8. Current design efforts include a sand search and borrow area delineation for the next nourishment event. Staff have determined that 77.12% of the project is eligible for state cost share.

Funds Will Be Used For

Design

Federal	State	Local	Total
\$0.00	\$771,200.00	\$1,228,800.00	\$2,000,000.00

Name of Project Passage Key Inlet Management Plan Implementation

Local Sponsor Manatee County

Local Contact Charlie Hunsicker

Project Description

The Passage Key Inlet Management Plan (IMP) Project is located between DEP monuments V302 and R1 in Manatee County. The inlet has been used as a sediment source for Anna Maria Island nourishment projects on multiple occasions in the past decades, most recently for the 2020 Central Beach Nourishment project and the 2020 Coquina Beach Nourishment project. The final "Inlet Management Study of Passage Key Inlet and Adjacent Beaches" was submitted to DEP on July 19, 2023. Current activities include a geotechnical investigation and borrow area design, along with permitting. Staff have determined that the project is eligible for a 50% state cost share.

Funds Will Be Used For

Design

Federal	State	Local	Total
\$0.00	\$375,000.00	\$375,000.00	\$750,000.00

Name of Project Port Canaveral Inlet Management Plan Implementation

Local Sponsor Canaveral Port Authority

Local Contact Robert Musser

Project Description

The Port Canaveral Inlet is located between DEP monuments V467 and R1 in Brevard County. The Port Canaveral Inlet is a federally authorized and maintained inlet. The United States Corps of Engineers has completed structural improvements to the north and south jetties, constructed sediment traps and periodically bypassed sediment to the downdrift beaches and nearshore. Current efforts include an update of the IMP and the next sand bypass event scheduled for 2024. Staff have determined that the project is eligible for a 50% state cost share.

Funds Will Be Used For

Design, Construction, Monitoring

Federal	State	Local	Total
\$32,050,000.00	\$223,000.00	\$223,000.00	\$32,496,000.00

Name of Project St. Lucie Inlet Management Plan Implementation

Local Sponsor Martin County

Local Contact Jessica Garland

Project Description

St. Lucie Inlet is located between DEP monuments R44 and R45 in Martin County. The Inlet Management Plan (IMP) was adopted in 1996, and since then, regular sand bypassing has been conducted on a four to five-year cycle, with the placement of over 3.28 million cy of sand on the beaches of Jupiter Island to the south of the inlet. An updated IMP was adopted in 2016. The updated IMP calls for sand bypassing to both the Town of Jupiter Island (161,000 cy/year) to the south and Bathtub Beach/Sailfish Point (34,000 cy/year) to the north. Current plans include dredging of the Inlet with placement of sand in Offshore Borrow Area B in 2024-2025. Staff have determined the project is eligible for a 50% state cost share.

Funds Will Be Used For

Construction and Monitoring

Federal	State	Local	Total
\$5,750,000.00	\$3,150,000.00	\$3,150,000.00	\$12,050,000.00

Name of Project Jupiter Inlet Management Plan Implementation

Local Sponsor Jupiter Inlet District

Local Contact Joseph Chaison

Project Description

Jupiter Inlet is located between DEP monuments R12 and R13 in Palm Beach County and is maintained by the Jupiter Inlet District (JID). The IMP was adopted in 1997, with an annual bypass objective of 75,000 cy of sand. Routine activities include dredging of the inlet and sand trap, with placement south of the inlet, between R13 and R19. The most recent inlet dredging event was completed in April of 2023, during which 108,580 cy of was bypassed. Current activities include routine maintenance dredging of the impoundment basin and completion of a feasibility study to update the sediment budget. Staff have determined that the project is eligible for a 50% state cost share.

Funds Will Be Used For

Feasibility (reimbursement for FY 23/24) and Construction

Federal	State	Local	Total
\$0.00	\$736,859.40	\$736,859.40	\$1,473,718.80

Name of Project Sebastian Inlet Management Plan Implementation

Local Sponsor Sebastian Inlet District

Local Contact James Gray, Jr.

Project Description

The Sebastian Inlet is located between DEP monument R-219 in Brevard County and R-1 in Indian River County. The inlet channel, sand trap and associated structures are managed by the Sebastian Inlet District (District). In 2011, the Dredged Material Management Area (DMMA) was constructed, which allows the district to store more than 30,000 cy of beach-compatible sand for placement on downdrift beaches when needed. Between 2013 and 2021, four nourishment events have been completed using sand from the DMMA. Current activities include a sediment bypassing project and a supplemental truck haul to meet the bypassing objective using sand from an upland source. Staff have determined the project is eligible for a 50% state cost share.

Funds Will Be Used For:

Design and Construction

Federal	State	Local	Total
\$0.00	\$6,122,500.00	\$1,612,500.00	\$7,735,000.00

Name of Project Hillsboro Inlet Management Plan Implementation

Local Sponsor Hillsboro Inlet District

Local Contact Denise Bryan

Project Description

Hillsboro Inlet is located between DEP monuments R24 and R25 in Broward County and is maintained by the Hillsboro Inlet District (HID). The inlet channel is maintained by a dedicated HID-owned dredge. In 1997, the Hillsboro Inlet Management Plan was formally adopted by DEP. In 2019 a restoration of the south jetty was completed. The bypass placement area is authorized between approximately 100 feet northeast of R25 (adjacent to the south jetty) and 100 feet south of R26. Occasionally, some sand is placed on the United States Coast Guard (USCG) beach north of the inlet, which is limited to three events annually by permit. The target annual bypass rate at the inlet is 120,000 cy/year (CSI, 1995). Current activities include: a feasibility study to update to sediment budget; permitting to implement objectives to the updated IMP; and annual bypassing with HID dredge; and reconfiguration of south jetty discharge pipe. Staff have determined that the project is eligible for a 50% state cost share.

Funds Will Be Used For

Feasibility, Design (Reimbursement for FY 2023-24), Construction (Current and Reimbursement FY23/24) and Monitoring (Current & Reimbursement for FY 2023-24)

Federal	State	Local	Total
\$0.00	\$1,710,000.00	\$1,710,000.00	\$3,420,000.00

Name of Project Boca Raton Inlet Management Plan Implementation

Local Sponsor City of Boca Raton

Local Contact Erin Tierney, M.P.A.

Project Description

The Boca Raton Inlet is located between DEP Reference monuments R222 and R223 in Palm Beach County. The Boca Raton Inlet Management Plan was adopted in 1997. The plan established a bypassing objective of 71,300 cy of sand annually. In 2004, the bypassing objective was revised and increased to 83,000 cy. Bypassing activities and associated monitoring have occurred annually since 1972, using a city-owned dredge that bypasses sand to a fixed outfall located on the beach south of the inlet landward of the mean high-water line. Staff have determined that the project is eligible for a 50% state cost share.

Funds Will Be Used For:

Construction (annual bypassing) and Monitoring

Federal	State	Local	Total
\$0.00	\$77,700.00	\$77,700.00	\$155,400.00

Name of Project Ft. Pierce Inlet Management Plan Implementation

Local Sponsor St. Lucie County

Local Contact Joshua Revord

Project Description

The Ft. Pierce IMP Implementation Project is located between DEP monuments R33 and R34 in St. Lucie County and consists of the maintenance of 2.3 miles of shoreline immediately south of the inlet. The Ft. Pierce Inlet Management Plan was adopted in 1997. A draft feasibility study to evaluate sand bypassing alternatives was completed in 2003. A 2009 design study, using additional data and computer modeling, recommended construction of a pilot sand trap inside the inlet as Phase I, with expansion to be designed after evaluating performance monitoring. The Phase I project was completed in the summer of 2022, and has surpassed design capacity. No expansion is proposed at this time, however the initial excavation of the sand trap basin with bypassing is planned for 2024-2025. Staff have determined that the project is eligible for a 50% state cost share.

Funds Will Be Used For

Design and Construction

Federal	State	Local	Total
\$0.00	\$2,705,000.00	\$2,705,000.00	\$5,410,000.00

Name of Project Wiggins Pass Inlet Management Plan Implementation

Local Sponsor Collier County

Local Contact Andrew Miller

Project Description

The Wiggins Pass Inlet Management Plan Project is located between DEP monuments R16 and R17 in Collier County. The initial phase of the Inlet Management Plan Study was implemented in 2013 for maintenance dredging and initial realignment of the channel. In spring 2018, dredging split two-thirds³ of the total volume to the north and one-third to the south to maintain the navigation of the inlet and to refine and reinforce the alignment begun with the 2013 project. In March 2020, a small interim dredging project was conducted, but due to 2021/2022 storms, there was a need for an emergency dredging project to remove shoals. As such, the last dredge was completed on March 10, 2022. The latest study to update the channel alignment was submitted in summer 2023 and is being reviewed. Following review of the study, the next step will be to modify the permit. Staff have determined that the project is eligible for a 50% state cost share.

Funds Will Be Used For

Design and Permitting

Federal	State	Local	Total
\$0.00	\$145,000.00	\$145,000.00	\$290,000.00