

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Division of Water Resource Management

Bureau of Beaches and Coastal Systems

Beach Management Funding Assistance Program

November 4, 2011

**Fixed Capital Outlay
Local Government Funding Requests
For
FY 2012/2013**



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

TABLE OF CONTENTS

Introduction	4
Beach Restoration and Nourishment Projects.....	5
Beach Restoration and Nourishment Projects Table	6
Inlet Sand Bypassing/Inlet Management Plan Implementation Projects	11
Inlet Sand Bypassing/Inlet Management Plan Implementation Projects Table	12
Post Construction Monitoring	14
Anna Maria Island Beach Nourishment	15
Venice Beach Nourishment.....	16
Nassau County Shore Protection Project	17
South St. Lucie County Beach Restoration	18
St. Joseph Peninsula Beach Nourishment	19
Honeymoon Island Beach Restoration	20
Captiva/Sanibel Island Beach Nourishment	21
Jupiter/Carlin Shore Protection Project.....	22
Ocean Ridge Beach Nourishment.....	23
Ft. Pierce Shore Protection Project.....	24
Pensacola Beach Nourishment.....	25
Lido Key Beach Nourishment.....	26
Gasparilla Island Beach Nourishment.....	27
Navarre Beach Nourishment.....	28
Jupiter Island Beach Nourishment	29
South Amelia Island Beach Nourishment	30
Brevard County Beach Restoration, Mid Reach	31
Collier County Beach Nourishment.....	32
Wabasso Beach Restoration.....	33
Rest Beach Nourishment	34
Longboat Key Beach Nourishment	35
Ft. Zachary Taylor Breakwater Rehabilitation and Nourishment	36
Smathers Beach Nourishment	37
South Siesta Key Beach Nourishment.....	38
Central Boca Raton Beach Nourishment.....	39
Perdido Key Beach Restoration	40
Key Biscayne Beach Nourishment.....	41
Long Key State Park Beach Restoration	42
Bonita Beach Nourishment.....	43
Knight/Don Pedro Island Beach Nourishment	44
Mid-Town Beach Nourishment.....	45
Phipps Ocean Park Beach Nourishment	46
Marco Island Beach Nourishment.....	47
Hollywood Beach Nourishment	48
Hillsboro Beach Nourishment.....	49
Hallandale Beach Nourishment.....	50

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

TABLE OF CONTENTS (cont'd)

South Boca Raton Beach Nourishment	51
Sailfish Point Nourishment	52
Mexico Beach Restoration	53
New Projects	54
Regional Monitoring.....	55
Pinellas County Inlets Sediment Budget Analysis	56
Port Canaveral IMP Implementation	57
Sebastian IMP Implementation	58
Lake Worth IMP Implementation.....	59
St. Mary's IMP Implementation	60
Blind Pass Eco-zone Restoration & Bypassing	61
St. Andrews IMP Implementation.....	62
Ft. Pierce IMP Implementation.....	63
St. Lucie IMP Implementation	64
South Lake Worth IMP Implementation	65
Boca Raton IMP Implementation	66
Jupiter IMP Implementation.....	67
Southwest Gulf Coast Regional Inlet Study	68
Stump Pass IMP Study.....	69
Ponce de Leon IMP Implementation.....	70
Mexico Beach IMP Implementation.....	71
Longboat Pass IMP Implementation	72
Venice IMP Implementation	73
Wiggins Pass IMP Study	74

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

INTRODUCTION

Florida is dependent on its 825 miles of sandy beaches fronting the Atlantic Ocean, Gulf of Mexico and Straits of Florida for the enjoyment of its residents and tourists. Beaches provide storm protection for public infrastructure and private upland development. Beaches also provide habitat for many species, including many that are endangered and threatened. Each state dollar spent protecting Florida's beaches with widespread public access prevents the loss of \$8 in state taxes paid by out-of-state tourists and resident users of Florida's beaches (Florida Atlantic University, 2003).

Florida's beach management program, pursuant to Chapter 161, Florida Statutes (F.S.), the "Beach and Shore Preservation Act", provides 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 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, such as storm protection, recreational beach area, and habitat enhancement.

The Department of Environmental Protection (DEP) is charged, in Sections 161.091, 161.101, 161.143 and 161.161, F. S., with developing and implementing a comprehensive, long-range statewide beach management plan. DEP has developed, in coordination with local sponsors and the United States Army Corps of Engineers (USACE), a Strategic Beach Management Plan (SBMP), Long Range Budget Plan (LRBP), and an inventory of beach erosion control projects. The SBMP adopts strategies for erosion control activities at critically eroded beaches and inlets. Projects must have a clearly identifiable beach management benefit consistent with the SBMP to be eligible for state funding assistance.

DEP currently designates 398.6 miles of sandy shoreline as critically eroded. Since 1998, when the Legislature dedicated a portion of the Ecosystem Management and Restoration Trust Fund for beach management, \$541.6 million has been appropriated to cost-share with local governments on local and federally authorized projects, with each level of government contributing about one-third of the cost of the entire program. This has resulted in the restoration and subsequent maintenance of over 221.1 miles, or about 55%, of the state's critically eroded beaches.

The funding requests for FY 2012/2013 consist of seventy-four different projects, which total nearly \$92 million. The prioritized list of beach erosion control projects is organized in two sections: "Beach Restoration and Nourishment Projects" and "Inlet Sand Bypassing/Inlet Management Plan Implementation Projects". Each section contains a list of eligible projects ranked in priority order, based on the authority in Sections 161.101 and 161.143, F. S. and the procedures outlined in Chapter 62B-36, Florida Administrative Code. Projects have been evaluated by DEP, based on consistency with the SBMP, permitting status, readiness to proceed with the proposed funding phase, and the appropriateness of the amount of funding requested.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

BEACH RESTORATION AND NOURISHMENT PROJECTS

DEP has developed a multiyear repair and maintenance strategy to carry out the state responsibilities of a comprehensive, long-range, statewide program of beach erosion control; beach preservation, restoration, and nourishment; and storm and hurricane protection. The principles of this strategy are to:

- Maximize the infusion of beach-quality sand into the coastal system;
- Implement those 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 fifty-five Beach Restoration and Nourishment Projects ("Beach Projects") for FY 2012/2013 total nearly \$72 million. Projects are presented in the following order:

- The Post-construction monitoring list: a comprehensive list of all projects requesting funds for state and federal permit-required monitoring;
- Beach Restoration and Nourishment Projects;
- New Projects: Feasibility and Design, with projects prioritized in each category; and,
- Regional Monitoring.

Projects have been evaluated by DEP and ranked in priority order. The descriptions of the proposed projects are based primarily on information provided by local governments. Funding eligibility and state cost share are calculated individually for each project based on the public access, as defined by program rule.

A summary funding table of the beach restoration and nourishment projects, in priority order as described above, is provided herein.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

BEACH RESTORATION AND NOURISHMENT PROJECTS

Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
Post Construction Monitoring ⁽¹⁾	Numerous Local Sponsors	Monitoring	\$252,665	\$2,643,238	\$3,592,254	\$6,488,157	\$2,643,238
Anna Maria Island Beach Nourishment	Manatee County	Design	\$564,000	\$218,000	\$218,000	\$1,000,000	\$2,861,238
Venice Beach Nourishment ⁽²⁾	City of Venice	Design	\$250,000	\$115,472	\$131,052	\$496,524	\$2,976,710
Nassau County Shore Protection Project	City of Fernandina Beach	Design, Construction	\$9,842,000	\$1,382,751	\$1,594,749	\$12,819,500	\$4,359,461
South St. Lucie County Beach Restoration	St. Lucie County	Feasibility, Construction	\$0	\$9,218,990	\$4,781,010	\$14,000,000	\$13,578,451
St. Joseph Peninsula Beach Nourishment ⁽³⁾⁽⁶⁾	Gulf County	Feasibility, Design	\$743,750	\$179,668	\$326,582	\$1,250,000	\$13,758,119
Honeymoon Island Beach Restoration	Pinellas County and FDEP- Parks	Construction	\$0	\$5,780,000	\$50,000	\$5,830,000	\$19,538,119
Captiva/Sanibel Island Beach Nourishment ⁽⁶⁾	Captiva Erosion Prevention District	Design, Construction	\$4,803,773	\$4,508,888	\$13,242,638	\$22,555,299	\$24,047,007
Jupiter/Carlin Shore Protection Project ⁽⁶⁾	Palm Beach County	Construction	\$4,695,213	\$1,943,394	\$1,943,394	\$8,582,001	\$25,990,401

- (1) Environmental 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 total of 30 previously constructed projects require monitoring activities for FY 2012/13. A complete monitoring project listing can be found on page 14. First-year monitoring has been included with construction funds.
- (2) Project proposes an offshore borrow source located outside of the subregion boundaries and affected local sponsors have been notified, pursuant to 161.144, F.S.
- (3) Federal funding is provided by FEMA for storm recovery nourishment.
- (4) Projects at or above the cumulative state total of \$30 million are considered priority projects consistent with Section 201.15, F.S.
- (5) Project includes funding for reimbursement for construction that has either been completed prior to the funding request submittal or that will be completed prior to the end of FY2011/12.
- (6) Federal funding is anticipated but not yet secured via a Congressional appropriation or FEMA Project Worksheet.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

BEACH RESTORATION AND NOURISHMENT PROJECTS (CONT'D)

Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
Ocean Ridge Beach Nourishment	Palm Beach County	Design	\$269,000	\$115,500	\$115,500	\$500,000	\$26,105,901
Ft. Pierce Shore Protection Project ⁽⁵⁾	St. Lucie County	Design, Construction	\$0	\$725,000	\$725,000	\$1,450,000	\$26,830,901
Pensacola Beach Nourishment ⁽³⁾⁽⁶⁾	Santa Rosa Island Authority	Design, Construction	\$6,787,898	\$745,540	\$745,540	\$8,278,978	\$27,576,441
Lido Key Beach Nourishment	City of Sarasota	Design	\$375,000	\$62,500	\$62,500	\$500,000	\$27,638,941
Gasparilla Island Beach Restoration	Lee County	Design	\$0	\$152,286	\$187,714	\$340,000	\$27,791,227
Navarre Beach Nourishment ⁽³⁾⁽⁵⁾	Santa Rosa County	Design, Construction	\$189,898	\$161,297	\$173,136	\$524,331	\$27,952,524
Jupiter Island Beach Nourishment ⁽³⁾	Town of Jupiter Island ⁽³⁾	Design, Construction	\$2,215,104	\$1,533,852	\$10,095,045	\$13,844,001	\$29,486,376
South Amelia Island Beach Nourishment ^{(4) (5)}	SAISSA & FDEP-Parks	Design, Construction	\$0	\$4,166,174	\$6,459,111	\$10,625,285	\$33,652,550
Brevard County Beach Restoration, Mid Reach ⁽⁶⁾	Brevard County	Design, Construction	\$18,083,111	\$6,958,649	\$10,210,483	\$35,252,243	\$40,611,199
Collier County Beach Nourishment ⁽³⁾	Collier County	Design	\$475,200	\$51,068	\$107,332	\$633,600	\$40,662,267

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

BEACH RESTORATION AND NOURISHMENT PROJECTS (CONT'D)

Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
Wabasso Beach Restoration ⁽⁵⁾	Indian River County	Construction	\$0	\$6,250,000	\$6,250,000	\$12,500,000	\$46,912,267
Rest Beach Nourishment	City of Key West	Construction	\$0	\$450,000	\$450,000	\$900,000	\$47,362,267
Longboat Key Beach Nourishment	Town of Longboat Key	Design, Construction	\$0	\$2,448,786	\$13,796,215	\$16,245,001	\$49,811,053
Ft. Zachary Taylor Breakwater Rehabilitation and Nourishment	FDEP-Parks	Design, Construction	\$0	\$783,000	\$0	\$783,000	\$50,594,053
Smathers Beach Nourishment	City of Key West	Design	\$0	\$100,000	\$100,000	\$200,000	\$50,694,053
South Siesta Key Beach Nourishment	Sarasota County	Design	\$0	\$98,462	\$161,538	\$260,000	\$50,792,515
Central Boca Raton Beach Restoration	City of Boca Raton	Design	\$0	\$104,000	\$146,000	\$250,000	\$50,896,515
Perdido Key Beach Restoration	Escambia County	Design, Construction	\$0	\$5,348,055	\$9,674,571	\$15,022,626	\$56,244,570
Key Biscayne Beach Nourishment	Village of Key Biscayne	Design	\$0	\$215,600	\$224,400	\$440,000	\$56,460,170
Long Key State Park Beach Restoration	FDEP-Parks	Design, Construction	\$0	\$2,620,000	\$0	\$2,620,000	\$59,080,170

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- (5) Project includes funding for reimbursement for construction that has either been completed prior to the funding request submittal or that will be completed prior to the end of FY2011/12.
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

BEACH RESTORATION AND NOURISHMENT PROJECTS (CONT'D)

Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
Bonita Beach Nourishment	Lee County	Design, Construction	\$0	\$976,947	\$1,904,053	\$2,881,000	\$60,057,117
Knight Island Beach Nourishment ⁽³⁾	Charlotte County	Design, Construction	\$2,886,487	\$527,050	\$645,214	\$4,058,751	\$60,584,167
Mid-Town Beach Nourishment ⁽³⁾⁽⁵⁾	Town of Palm Beach	Design, Construction	\$1,471,103	\$1,552,135	\$2,737,902	\$5,761,140	\$62,136,302
Phipps Ocean Park Beach Nourishment ⁽³⁾⁽⁵⁾	Town of Palm Beach	Design, Construction	\$1,255,860	\$597,742	\$1,167,070	\$3,020,672	\$62,734,044
Marco Island Beach Nourishment ⁽³⁾	Collier County	Construction	\$2,025,000	\$157,098	\$595,288	\$2,777,386	\$62,891,142
Hollywood Beach Nourishment	City of Hollywood	Design, Construction	\$0	\$3,419,287	\$1,268,463	\$4,687,750	\$66,310,429
Hillsboro Beach Nourishment	Town of Hillsboro Beach	Design, Construction	\$1,955,549	\$1,196,931	\$3,590,794	\$6,743,274	\$67,507,360
Hallandale Beach Nourishment	City of Hallandale	Design, Construction	\$0	\$2,835,626	\$1,065,099	\$3,900,725	\$70,342,986
South Boca Raton Beach Nourishment	City of Boca Raton	Design	\$0	\$34,230	\$35,770	\$70,000	\$70,377,216
Sailfish Point Nourishment	Martin County	Design	\$0	\$28,125	\$96,875	\$125,000	\$70,405,341
Mexico Beach Restoration ⁽³⁾	City of Mexico Beach	Design, Construction	\$704,375	\$50,312	\$50,313	\$805,000	\$70,455,653

- (1) Environmental 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 total of 30 previously constructed projects require monitoring activities for FY 2012/13. A complete monitoring project listing can be found on page 14. First-year monitoring has been included with construction funds.
- (2) Project proposes an offshore borrow source located outside of the subregion boundaries and affected local sponsors have been notified, pursuant to 161.144, F.S.
- (3) Federal funding is provided by FEMA for storm recovery nourishment.
- (4) Projects at or above the cumulative state total of \$30 million are considered priority projects consistent with Section 201.15, F.S.
- (5) Project includes funding for reimbursement for construction that has either been completed prior to the funding request submittal or that will be completed prior to the end of FY2011/12.
- (6) Federal funding is anticipated but not yet secured via a Congressional appropriation or FEMA Project Worksheet.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

BEACH RESTORATION AND NOURISHMENT PROJECTS (CONT'D)

Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
New Projects - Feasibility/Design	Numerous Local Sponsors	Feasibility, Design	\$1,961,310	\$1,166,267	\$1,714,168	\$4,841,745	\$71,621,920
Regional Monitoring	FDEP	Monitoring	\$0	\$230,000	\$0	\$230,000	\$71,851,920
TOTAL			\$61,806,296	\$71,851,920	\$100,434,773	\$234,092,989	

- (1) Environmental 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 total of 30 previously constructed projects require monitoring activities for FY 2012/13. A complete monitoring project listing can be found on page 14. First-year monitoring has been included with construction funds.
- (2) Project proposes an offshore borrow source located outside of the subregion boundaries and affected local sponsors have been notified, pursuant to 161.144, F.S.
- (3) Federal funding is provided by FEMA for storm recovery nourishment.
- (4) Projects at or above the cumulative state total of \$30 million are considered priority projects consistent with Section 201.15, F.S.
- (5) Project includes funding for reimbursement for construction that has either been completed prior to the funding request submittal or that will be completed prior to the end of FY2011/12.
- (6) Federal funding is anticipated but not yet secured via a Congressional appropriation or FEMA Project Worksheet.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

INLET SAND BYPASSING/ INLET MANAGEMENT PLAN IMPLEMENTATION PROJECTS

Navigational inlets are 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, the Legislature has directed the DEP to further commit its comprehensive beach management efforts to addressing beach erosion caused by inlets. Inlet management activities are conducted under the provisions of Section 161.161, F. S., for the purposes of evaluating the erosive impact of the inlets on adjacent beaches and to recommend corrective measures to mitigate identified impacts. Such inlet management projects include, but are not limited to, inlet sand bypassing, modifications to channel dredging, jetty redesign, jetty repair, disposal of spoil material, and the development, revision, adoption or implementation of an inlet management plan.

Funding for the inlet projects will be used to implement the actions recommended in the specific Inlet Management Plans (IMP) or the statewide SBMP. IMPs adopted by DEP are incorporated into the SBMP 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.

In FY 2012/2013, funding requests for nineteen Inlet Sand Bypassing/Inlet Management Plan Implementation Projects ("Inlet Projects") are included in the Beach Management Funding Assistance Program. These projects total over \$20 million in requested state funding. The funding priorities established by the Department 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.

The Legislature amended Section 161.142 and created Section 161.143, F.S., in 2008 to strengthen the DEP's commitment to managing sediment around inlets. These sections direct the DEP to develop and maintain sediment budgets for each inlet and ensure beach quality sand is placed on adjacent eroding beaches. It further establishes funding priorities and ranking criteria for inlet projects and requires the DEP to provide an annual inlet project list to the Legislature for funding. The funding requirements provided in Section 161.143, F.S., include:

- At least ten percent (10%) of the total amount that the Legislature appropriates will be used for the three highest-ranked inlet projects;
- At least fifty percent (50%) of the funds appropriated for the feasibility and design category will be made available for inlet management projects which involve the study, design or development of an inlet management project; and
- Inlet projects may receive 75% state cost share for the proposed activity.

A summary funding table of inlet sand bypassing/inlet management plan implementation projects is provided herein. This summary table is followed by the beach restoration and nourishment project descriptions in the same priority order as provided in the summary funding table. Finally, descriptions of the inlet projects complete this document.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

INLET SAND BYPASSING/INLET MANAGEMENT PLAN IMPLEMENTATION PROJECTS

Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
Pinellas County Inlets Sediment Budget Analysis	FDEP	Design	\$0	\$200,000	\$0	\$200,000	\$200,000
Port Canaveral IMP Implementation	Canaveral Port Authority	Monitoring	\$0	\$112,500	\$37,500	\$150,000	\$312,500
Sebastian IMP Implementation	Sebastian Inlet District	Construction	\$0	\$2,800,425	\$933,475	\$3,733,900	\$3,112,925
Lake Worth IMP Implementation	Town of Palm Beach	Feasibility, Construction	\$4,000,000	\$2,922,000	\$974,000	\$7,896,000	\$6,034,925
St. Mary's IMP Implementation	FDEP, Parks	Feasibility	\$0	\$90,000	\$0	\$90,000	\$6,124,925
Blind Pass Eco-zone Restoration & Bypassing	Lee County	Design, Construction	\$0	\$1,593,750	\$531,250	\$2,125,000	\$7,718,675
St. Andrews IMP Implementation	FDEP, Div. of Rec. and Parks	Design, Construction	\$0	\$2,365,000	\$0	\$2,365,000	\$10,083,675
Ft. Pierce IMP Implementation	St. Lucie County	Design	\$0	\$150,000	\$50,000	\$200,000	\$10,233,675
St. Lucie IMP Implementation	Martin County	Monitoring	\$0	\$431,250	\$143,750	\$575,000	\$10,664,925
South Lake Worth IMP Implementation	Palm Beach County	Design, Construction	\$0	\$1,323,750	\$441,250	\$1,765,000	\$11,988,675
Boca Raton IMP Implementation	City of Boca Raton	Construction	\$0	\$366,900	\$122,300	\$489,200	\$12,355,575
Jupiter IMP Implementation	Jupiter Inlet District	Construction	\$0	\$753,750	\$251,250	\$1,005,000	\$13,109,325
Southwest Gulf Coast Regional Study	WCIND	Feasibility	\$0	\$187,500	\$62,500	\$250,000	\$13,296,825

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

INLET SAND BYPASSING/INLET MANAGEMENT PLAN IMPLEMENTATION PROJECTS (CONT'D)

Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
Stump Pass IMP Study	Charlotte County	Feasibility	\$0	\$123,750	\$41,250	\$165,000	\$13,420,575
Ponce de Leon IMP Implementation	Volusia County	Construction	\$8,400,000	\$4,800,000	\$1,600,000	\$14,800,000	\$18,220,575
Mexico Beach IMP Implementation	City of Mexico Beach	Construction	\$0	\$196,500	\$65,500	\$262,000	\$18,417,075
Longboat Pass IMP Implementation	WCIND	Construction	\$0	\$1,245,000	\$415,000	\$1,660,000	\$19,662,075
Venice IMP Implementation	WCIND	Construction	\$0	\$327,000	\$109,000	\$436,000	\$19,989,075
Wiggins Pass Inlet Sand Transfer	Collier County	Feasibility	\$0	\$41,531	\$13,844	\$55,375	\$20,030,606
TOTAL			\$12,400,000	\$20,030,606	\$5,791,869	\$38,222,475	

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

BEACH RESTORATION AND NOURISHMENT POST-CONSTRUCTION MONITORING

PROJECT DESCRIPTION:

This category serves to provide continued funding for monitoring activities associated with a previously funded and constructed project. 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. First year monitoring required by permit is included in the construction funds on the beach projects list. "Credits" derived from the pro-ration of the post-construction monitoring list from FY2009/10 and funding shortfalls since FY2010/11 may have been added to the FY2012/13 list.

Project Name	FEDERAL	STATE	LOCAL	TOTAL
Brevard County Beach Nourishment, North/South Reaches	\$0	\$15,892	\$18,108	\$34,000
Long Key Beach Nourishment (Upham Beach)	\$0	\$17,500	\$17,500	\$35,000
Bay County Beach Nourishment	\$0	\$71,125	\$178,875	\$250,000
Anna Maria Island Beach Nourishment	\$0	\$203,482	\$203,482	\$406,964
Treasure Island Beach Nourishment	\$0	\$35,000	\$35,000	\$70,000
Venice Beach Nourishment	\$45,000	\$139,916	\$158,794	\$343,710
North Boca Raton Beach Nourishment	\$0	\$116,000	\$116,000	\$232,000
Estero Island Beach Restoration	\$0	\$12,500	\$12,500	\$25,000
Duval County Shore Protection Project	\$0	\$59,485	\$66,515	\$126,000
Nassau County Beach Restoration	\$0	\$67,424	\$77,761	\$145,185
Captiva/Sanibel Island Beach Nourishment	\$35,031	\$23,201	\$68,143	\$126,375
St. Joseph Peninsula Beach Nourishment	\$0	\$88,725	\$161,275	\$250,000
Bathtub Beach Restoration	\$0	\$87,500	\$87,500	\$175,000
Ocean Ridge Beach Nourishment	\$114,594	\$49,203	\$49,203	\$213,000
Pensacola Beach Nourishment	\$0	\$57,500	\$57,500	\$115,000
Lido Key Beach Nourishment	\$0	\$100,000	\$100,000	\$200,000
Ambersand Beach Nourishment	\$0	\$163,275	\$186,725	\$350,000
Navarre Beach Nourishment	\$0	\$44,468	\$47,732	\$92,200
Collier County Beach Nourishment	\$0	\$135,408	\$284,592	\$420,000
Wabasso Beach Restoration	\$0	\$275,000	\$275,000	\$550,000
Longboat Key Beach Nourishment	\$0	\$116,229	\$393,771	\$510,000
Smathers Beach Nourishment	\$0	\$50,000	\$50,000	\$100,000
Walton County Beach Restoration	\$0	\$33,963	\$91,038	\$125,001
Juno Beach Nourishment	\$0	\$150,000	\$150,000	\$300,000
South Siesta Key Beach Restoration	\$0	\$18,935	\$31,065	\$50,000
Central Boca Raton Beach Nourishment	\$0	\$49,908	\$70,092	\$120,000
Knight/Don Pedro Island Beach Nourishment	\$0	\$300,034	\$367,301	\$667,335
Phipps Ocean Park Beach Nourishment	\$0	\$62,660	\$122,341	\$185,001
Marco Island Beach Nourishment	\$58,040	\$4,039	\$15,307	\$77,386
South Boca Raton Beach Nourishment	\$0	\$94,866	\$99,134	\$194,000
	\$252,665	\$2,643,238	\$3,592,254	\$6,488,157

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Anna Maria Island Beach Nourishment

LOCAL SPONSOR: Manatee County

LOCAL CONTACT: Charles Hunsicker

PHONE: (941) 745-3727

PROJECT DESCRIPTION:

Restoration of approximately 1.3 miles of shoreline between DEP Monuments R1-R7 and nourishment of approximately 7.1 miles of shoreline between R7-R10 and R12-R41.3 in Manatee County. The majority of the project (R12 - R36) is part of the federal Manatee County Shore Protection Project, which was restored in 1993. Nourishment was completed in 2002. In 2005, a portion of the island received federally funded hurricane recovery nourishment. Restoration of the Coquina Beach segment (R36–R41.3) and the City of Anna Maria segment (R7 - R10) was completed in 2011. Nourishment of the entire project is scheduled for FY2014/15. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

<u>FEDERAL</u> \$564,000	<u>STATE</u> \$218,000	<u>LOCAL</u> \$218,000	<u>TOTAL</u> \$1,000,000
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Venice Beach Nourishment

LOCAL SPONSOR: City of Venice

LOCAL CONTACT: Kathleen Weeden

PHONE: (941) 486-2626

PROJECT DESCRIPTION:

Nourishment of approximately 3.3 miles of shoreline between DEP Monuments R116 - R133 in Sarasota County. Restoration was completed in two phases between 1994 and 1996, as part of the federal Sarasota County Shore Protection Project. Emergency fill placement was completed in 2005 by the USACE following storm impacts. Construction of a 7.3 acre mitigation reef was completed in 2008 and monitoring is ongoing. A federal sand search for future nourishment is underway with nourishment scheduled for FY2013/14. Staff has determined that 93.68% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

<u>FEDERAL</u>	\$250,000	<u>STATE</u>	\$115,472	<u>LOCAL</u>	\$131,052	<u>TOTAL</u>	\$496,524
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Nassau County Shore Protection Project

LOCAL SPONSOR: City of Fernandina Beach

LOCAL CONTACT: Michael Czymbor

PHONE: (904) 277-7305

PROJECT DESCRIPTION:

Nourishment of approximately 3.9 miles of Atlantic shoreline between DEP Monuments R11 - R34. Restoration was completed in 2008 and nourishment is scheduled for 2013. Staff has determined that 92.88% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design, construction and first year monitoring.

<u>FEDERAL</u>	\$9,842,000	<u>STATE</u>	\$1,382,751	<u>LOCAL</u>	\$1,594,749	<u>TOTAL</u>	\$12,819,500
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: South St. Lucie County Beach Restoration

LOCAL SPONSOR: St. Lucie County

LOCAL CONTACT: Richard Bouchard

PHONE: (772) 462-1710

PROJECT DESCRIPTION:

Restoration of 3.9 miles of shoreline between DEP Monuments R87.7 - R90.3 and R98 - R115+1000 feet in St. Lucie County. In 2004, a federal feasibility study was initiated. Requested funds will be used for design of a locally-funded restoration project, scheduled to be constructed in FY2011/12 as a regionalized project with the Martin County Shore Protection Project. Staff has determined that 88.22% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for feasibility, construction and first year monitoring.

<u>FEDERAL</u>	\$0	<u>STATE</u>	\$9,218,990	<u>LOCAL</u>	\$4,781,010	<u>TOTAL</u>	\$14,000,000
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: St. Joseph Peninsula Beach Nourishment

LOCAL SPONSOR: Gulf County

LOCAL CONTACT: Don Butler

PHONE: (850) 229-6111

PROJECT DESCRIPTION:

Nourishment of 7.5 miles of shoreline between DEP Monuments R69 - R105.5 in Gulf County. Restoration was completed in 2009. Monitoring is underway. Due to damages sustained from Tropical Storm Gustav in 2008 during the restoration, the County is working with FEMA to construct a hurricane recovery project between DEP Monuments R74.8-R95.3. The federal share includes FEMA storm recovery funds and Florida DEM matching funds. Construction is scheduled for FY2013/14. Staff has determined that 70.97% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design (FEMA repair) and feasibility (South end structures).

<u>FEDERAL</u>	\$743,750	<u>STATE</u>	\$179,668	<u>LOCAL</u>	\$326,582	<u>TOTAL</u>	\$1,250,000
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Honeymoon Island Beach Restoration

LOCAL SPONSOR: FDEP, Division of Recreation and Parks and Pinellas County

LOCAL CONTACT: Jeff Raley, Andrew Squires

PHONE: (850) 245-3104, (727) 464-4633

PROJECT DESCRIPTION:

Restoration of approximately 1.4 miles of shoreline between DEP Monuments R6 - R12 in Pinellas County. Phase I of the restoration project was completed in 2008, with the placement of fill and installation of one T-head groin. Design of additional structures, nourishment, and sand source investigations for Phase II are underway with construction scheduled for FY2012/13. Pinellas County is providing partial funding for construction monitoring of the project. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction (nourishment and structures) and first year monitoring.

<u>FEDERAL</u>	\$0	<u>STATE</u>	\$5,780,000	<u>LOCAL</u>	\$50,000	<u>TOTAL</u>	\$5,830,000
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Captiva/Sanibel Island Beach Nourishment

LOCAL SPONSOR: Captiva Erosion Prevention District

LOCAL CONTACT: Kathleen Rooker

PHONE: (239) 472-2472

PROJECT DESCRIPTION:

Nourishment of approximately 4.7 miles of shoreline on Captiva Island between DEP Monuments R84 - R118 in Lee County. Captiva Island is included in the federal Lee County Shore Protection Project. The shoreline was restored in 1981 and nourished in 1989, 1996 and 2006. The project is scheduled for nourishment in FY2012/13. Staff has determined that 50.8% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design, construction and first year monitoring.

<u>FEDERAL</u>	\$4,803,773	<u>STATE</u>	\$4,508,888	<u>LOCAL</u>	\$13,242,638	<u>TOTAL</u>	\$22,555,299
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Jupiter/Carlin Shore Protection Project

LOCAL SPONSOR: Palm Beach County

LOCAL CONTACT: Leanne Welch

PHONE: (561) 233-2434

PROJECT DESCRIPTION:

Nourishment of approximately 1.1 miles of shoreline between DEP Monuments R13 - R19 in Palm Beach County. The federally authorized project was restored in 1995 and nourished in 2002. The project receives routine bypass material from Jupiter Inlet. Nourishment is scheduled for FY2012/13. A federal Section 934 Report, required for continued federal cost sharing, is in development. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction and first year monitoring.

<u>FEDERAL</u>	\$4,695,213	<u>STATE</u>	\$1,943,394	<u>LOCAL</u>	\$1,943,394	<u>TOTAL</u>	\$8,582,001
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Ocean Ridge Beach Nourishment

LOCAL SPONSOR: Palm Beach County

LOCAL CONTACT: Leanne Welch

PHONE: (561) 233-2434

PROJECT DESCRIPTION:

Nourishment of 1.4 miles of shoreline between DEP Monuments R152 - R159 in Palm Beach County. The federally authorized project constructed in 1998 included beach restoration and construction of eight T-head groins. Nourishment occurred in 2005, covering 1.1 miles of the project to the south of the groin field. Maintenance disposal material from South Lake Worth Inlet sand trap was placed in 2008. Bypass material from the South Lake Worth Inlet Sand transfer plant, which was refurbished in 2010, will be placed annually in the project area. Construction of a 2.25 acre mitigation reef is in progress and monitoring is ongoing. Design funding will be used to complete a federal Limited Re-evaluation Report (LRR) and permitting for future nourishments. A preliminary engineering design for modification to the groins is included. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design (LRR, permitting, and groin modification).

FEDERAL \$269,000

STATE \$115,500

LOCAL \$115,500

TOTAL \$500,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Ft. Pierce Shore Protection Project

LOCAL SPONSOR: St. Lucie County

LOCAL CONTACT: Richard Bouchard

PHONE: (772) 462-1710

PROJECT DESCRIPTION:

Nourishment of approximately 1.3 miles of shoreline between DEP Monuments R34 - R41 in St. Lucie County. The federal Ft. Pierce Shore Protection Project was constructed in 1971, with nourishment in 1980, 1999, 2003, 2004, 2005, 2007 and 2009. An emergency truck haul nourishment was conducted in 2011 from R34-R35. Construction of the next federal nourishment is planned for 2012. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design and construction (reimbursement for truck haul).

<u>FEDERAL</u>	\$0	<u>STATE</u>	\$725,000	<u>LOCAL</u>	\$725,000	<u>TOTAL</u>	\$1,450,000
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Pensacola Beach Nourishment

LOCAL SPONSOR: Santa Rosa Island Authority

LOCAL CONTACT: Paolo Ghio

PHONE: (850) 932-2257

PROJECT DESCRIPTION:

Nourishment of approximately 8.2 miles of shoreline between DEP Monuments R107 - R151 in Escambia County. The project was restored in 2003 and nourished in 2005/06, following storm impacts. Due to damages sustained from Tropical Storm Gustav in 2008, the Authority is working with FEMA to construct a hurricane recovery project for the entire project length. Construction is scheduled for FY2012/13. The federal share includes FEMA storm recovery funds and Florida DEM matching funds. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design, construction and first year monitoring.

<u>FEDERAL</u>	\$6,787,898	<u>STATE</u>	\$745,540	<u>LOCAL</u>	\$745,540	<u>TOTAL</u>	\$8,278,978
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Lido Key Beach Nourishment

LOCAL SPONSOR: City of Sarasota

LOCAL CONTACT: Alexandria DavisShaw

PHONE: (941) 365-2200

PROJECT DESCRIPTION:

Nourishment of approximately 2.2 miles of shoreline between DEP monuments R31 - R44 in Sarasota County. Restoration of the northern 1.2 miles was conducted in 1998. The remainder of the project area was restored in 2000-01. The first nourishment was conducted in 2003. Hurricane recovery nourishment of the project was completed in 2009 with funding from FEMA. The federal nourishment is scheduled for FY2013/14. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

FEDERAL \$375,000

STATE \$62,500

LOCAL \$62,500

TOTAL \$500,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Gasparilla Island Beach Restoration

LOCAL SPONSOR: Lee County

LOCAL CONTACT: Robert Neal

PHONE: (239) 533-8566

PROJECT DESCRIPTION:

Nourishment of 3.1 miles of shoreline on Gasparilla Island between DEP Monuments R10 - R26A in Lee County. The project is part of the federal Lee County Shore Protection Project. Restoration was completed in 2007. Nourishment is scheduled for FY2014/15. Staff has determined that 89.58% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

<u>FEDERAL</u>	\$0	<u>STATE</u>	\$152,286	<u>LOCAL</u>	\$187,714	<u>TOTAL</u>	\$340,000
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Navarre Beach Nourishment

LOCAL SPONSOR: Santa Rosa County

LOCAL CONTACT: Roger Blaylock

PHONE: (850) 981-7100

PROJECT DESCRIPTION:

Nourishment of 4.1 miles of shoreline between DEP Monuments R192.5 - R213.5 in Santa Rosa County. The restoration was completed in 2006. Due to damages sustained from Tropical Storm Gustav in 2008, a small truck haul hot spot hurricane recovery project was constructed in 2010 from R192 - R194. The federal share includes FEMA storm recovery funds and Florida DEM matching funds. The first nourishment of the entire project is scheduled for FY 2013/14. Staff has determined that 96.45 % of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design (nourishment) and design and construction of the truck haul (reimbursement).

FEDERAL \$189,898

STATE \$161,297

LOCAL \$173,136

TOTAL \$524,331

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Jupiter Island Beach Nourishment

LOCAL SPONSOR: Town of Jupiter Island

LOCAL CONTACT: Gene Rauth

PHONE: (772) 545-0100

PROJECT DESCRIPTION:

Nourishment of 6.1 miles of shoreline between DEP Monuments R75 - R111 in Martin County. Restoration was completed in 1973. Nourishment has been completed on a 4-5 year cycle, since that time. The last nourishment was completed in 2007. The next nourishment is scheduled for FY2011/12, using FEMA storm recovery funds to repair storm-related damages. Staff has determined that 26.38% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design, construction and first year monitoring (reimbursement).

<u>FEDERAL</u>	\$2,215,104	<u>STATE</u>	\$1,533,852	<u>LOCAL</u>	\$10,095,045	<u>TOTAL</u>	\$13,844,001
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: South Amelia Island Beach Nourishment

LOCAL SPONSOR: South Amelia Island Shore Stabilization Association & FDEP, Division of Rec. and Parks

LOCAL CONTACT: Bill Moore & Jeff Raley

PHONE: (904) 277-5103 & (850) 245-3104

PROJECT DESCRIPTION:

Nourishment of approximately 3.5 miles of shoreline between DEP Monuments R60 – R79 in Nassau County. Restoration of the state park was completed in 1994. Nourishment was completed in 2002 and 2011, including the South Amelia Island Plantation and cost shared with SAISSA. Construction of a terminal groin and breakwater was completed in 2005. Staff has determined that 78.41% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design, construction and first year monitoring (reimbursement for 2011 construction).

FEDERAL \$0

STATE \$4,166,174

LOCAL \$6,459,111

TOTAL \$10,625,285

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Brevard County Beach Restoration, Mid Reach

LOCAL SPONSOR: Brevard County

LOCAL CONTACT: Mike McGarry

PHONE: (321) 633-2016 ext. 52696

PROJECT DESCRIPTION:

Restoration of approximately 7.6 miles of shoreline between DEP Monuments R75 - R118 in Brevard County. The Mid Reach segment is located between the North and South Reaches of the federal Brevard County Shore Protection Project. Construction is scheduled for FY2012/13. Staff has determined that 81.06% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design, construction, and first year monitoring.

FEDERAL \$18,083,111

STATE \$6,958,649

LOCAL \$10,210,483

TOTAL \$35,252,243

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Collier County Beach Nourishment

LOCAL SPONSOR: Collier County

LOCAL CONTACT: Gary McAlpin

PHONE: (239) 252-5342

PROJECT DESCRIPTION:

Nourishment of four segments along 8.6 miles of shoreline in Collier County. The segments consist of the following components: Barefoot Beach, approximately 0.5 miles between DEP Monuments R14 – R16.3; Vanderbilt Beach, approximately 2.8 miles between DEP Monuments R22 - R37; Park Shore, approximately 2.1 miles between DEP Monuments R43.7 - R54.4; Naples, approximately 3.7 miles between DEP Monuments R58 – R79. Restoration was completed in 1996. Nourishment was completed in 2006. Design for the FY2013/14 nourishment is proposed and includes FEMA storm recovery funds from damage incurred during Tropical Storm Fay. Staff has determined eligibility for state cost sharing to be 100% for Barefoot Beach, 48.46% for Vanderbilt Beach, 33.16% for Park Shore, and 95.02% for Naples.

FUNDS REQUESTED:

Funds will be used for design.

FEDERAL \$475,200

STATE \$51,068

LOCAL \$107,332

TOTAL \$633,600

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Wabasso Beach Restoration

LOCAL SPONSOR: Indian River County

LOCAL CONTACT: James Gray

PHONE: (772) 226-1344

PROJECT DESCRIPTION:

Restoration of approximately 6.1 miles of shoreline between DEP Monuments R20 - R51 in Indian River County (Sector 3). Phase I construction was completed in 2010. Phase II construction was partially completed in 2011. The completion of Phase II is scheduled for FY2011/12. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction and first year monitoring (reimbursement).

FEDERAL \$0

STATE \$6,250,000

LOCAL \$6,250,000

TOTAL \$12,500,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Rest Beach Nourishment

LOCAL SPONSOR: City of Key West

LOCAL CONTACT: Janet Muccino

PHONE: (305) 809-3867

PROJECT DESCRIPTION:

Nourishment of 0.12 mile of shoreline located in Key West in Monroe County. Restoration was completed in 1995. FEMA dune repair was completed in 2009. Nourishment is scheduled for FY 2012/13. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction and first year monitoring.

FEDERAL \$0

STATE \$450,000

LOCAL \$450,000

TOTAL \$900,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Longboat Key Beach Nourishment

LOCAL SPONSOR: Town of Longboat Key

LOCAL CONTACT: Juan Florensa

PHONE: (941) 316-1988

PROJECT DESCRIPTION:

Nourishment of 9.8 miles of shoreline between DEP Monuments R44 - R67 in Manatee County and R1 - R29.5 in Sarasota County. The project was restored in 1993 and nourished in 1997 and 2006. Construction of an adjustable groin designed to enhance the performance of a small portion of the project was completed in 2010. A sand source investigation has been completed offshore of Hillsborough, Manatee and Sarasota Counties. Emergency placement of sand on the North End was completed in 2011. Nourishment of the entire project with the addition of erosion control structures at the North End is scheduled for FY2012/13. Local share of funding includes a maximum of \$5,500,000 to be provided by the Port Dolphin LNG Pipeline. Monitoring of the mitigation reef is ongoing. Staff has determined that 45.58% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design, construction, and first year monitoring.

FEDERAL \$0

STATE \$2,448,786

LOCAL \$13,796,215

TOTAL \$16,245,001

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Ft. Zachary Taylor Breakwater Rehabilitation and Nourishment

LOCAL SPONSOR: FDEP, Division of Recreation and Parks

LOCAL CONTACT: Jeff Raley

PHONE: (850) 245-3104

PROJECT DESCRIPTION:

Nourishment of approximately 0.3 mile of shoreline within Ft. Zachary Taylor State Park in Monroe County. Restoration was completed in 2007. Nourishment is scheduled for FY2012/13, in conjunction with rehabilitation of the breakwaters. Staff has determined that 100% of the project is eligible for state cost share.

FUNDS REQUESTED:

Funds will be used for design, construction (breakwater repairs and nourishment), and first year monitoring.

FEDERAL \$0

STATE \$783,000

LOCAL \$0

TOTAL \$783,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Smathers Beach Nourishment

LOCAL SPONSOR: City of Key West

LOCAL CONTACT: Janet Muccino

PHONE: (305) 809-3867

PROJECT DESCRIPTION:

Nourishment of 1 mile of shoreline in the City of Key West in Monroe County. Restoration was completed in 2001. A dune restoration project was conducted in 2009 using FEMA hurricane recovery funds. Nourishment via truck haul was completed in 2011. Design activities include the permitting for the next nourishment. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

FEDERAL \$0

STATE \$100,000

LOCAL \$100,000

TOTAL \$200,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: South Siesta Key Beach Nourishment

LOCAL SPONSOR: Sarasota County

LOCAL CONTACT: Curtis Smith

PHONE: (941) 915-4111

PROJECT DESCRIPTION:

Nourishment of 2 miles of shoreline along South Siesta Key between DEP Monuments R67 - R77 in Sarasota County. Restoration was completed in 2007. Nourishment is scheduled for FY2014/15. Sand search investigations are proposed for FY2012/13. Staff has determined that 75.74% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

FEDERAL \$0

STATE \$98,462

LOCAL \$161,538

TOTAL \$260,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Central Boca Raton Beach Nourishment

LOCAL SPONSOR: City of Boca Raton

LOCAL CONTACT: Jennifer Bistyga

PHONE: (561) 416-3397

PROJECT DESCRIPTION:

Nourishment of 1.5 miles of shoreline between DEP monuments R216 - R222.9 in Palm Beach County. Restoration was completed in 2004, with nourishment in 2006 following storm impacts. The next nourishment is scheduled for FY2015/16. Staff has determined that 83.18% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

FEDERAL \$0

STATE \$104,000

LOCAL \$146,000

TOTAL \$250,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Perdido Key Beach Restoration

LOCAL SPONSOR: Escambia County

LOCAL CONTACT: Tim Day

PHONE: (850) 595-1144

PROJECT DESCRIPTION:

Restoration of approximately 6.5 miles of shoreline between DEP Monuments R1 - R34 in Escambia County. Construction is scheduled for 2012. Regional sand search investigations are proposed in conjunction with Alabama. Staff has determined that 71.2% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design (sand search), construction and first year monitoring.

FEDERAL \$0

STATE \$5,348,055

LOCAL \$9,674,571

TOTAL \$15,022,626

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Key Biscayne Beach Nourishment

LOCAL SPONSOR: Village of Key Biscayne

LOCAL CONTACT: Armando Nunez

PHONE: (305) 365-8945

PROJECT DESCRIPTION:

Nourishment of approximately 1.2 miles of shoreline between DEP Monuments R101 - R108 in Dade County. Restoration was completed in 1987 with nourishment following in 2002. Nourishment is scheduled for FY2012/13. Staff has determined that 98% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

FEDERAL \$0

STATE \$215,600

LOCAL \$224,400

TOTAL \$440,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Long Key State Park Beach Restoration

LOCAL SPONSOR: FDEP, Division of Recreation and Parks

LOCAL CONTACT: Jeff Raley

PHONE: (850) 245-3104

PROJECT DESCRIPTION:

Restoration of 0.6 mile of shoreline within Long Key State Park in Monroe County. An engineering analysis is nearing completion. Construction is scheduled for FY2012/13. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design and construction.

FEDERAL \$0

STATE \$2,620,000

LOCAL \$0

TOTAL \$2,620,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Bonita Beach Nourishment

LOCAL SPONSOR: Lee County

LOCAL CONTACT: Robert Neal

PHONE: (239) 533-8566

PROJECT DESCRIPTION:

Nourishment of approximately 0.8 mile of shoreline between DEP Monuments R226 - R230 in Lee County. Restoration was completed in 1995 with nourishment in 2004. The next nourishment is scheduled for FY2012/13. Staff has determined that 67.81% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design and construction.

FEDERAL \$0

STATE \$976,947

LOCAL \$1,904,053

TOTAL \$2,881,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Knight/Don Pedro Island Beach Nourishment

LOCAL SPONSOR: Charlotte County

LOCAL CONTACT: Dan Quick

PHONE: (941) 575-3603

PROJECT DESCRIPTION:

Nourishment of approximately 3.0 miles of shoreline between DEP Monuments R14 - R39 in Charlotte County. Restoration was completed in 2003. The first nourishment was completed in 2006. Nourishment was completed in 2011, using FEMA funds received to repair damages sustained during Tropical Storm Fay. Staff has determined that 89.92% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design and construction (reimbursement), and first year monitoring.

FEDERAL \$2,886,487

STATE \$527,050

LOCAL \$645,214

TOTAL \$4,058,751

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Mid-Town Beach Nourishment

LOCAL SPONSOR: Town of Palm Beach

LOCAL CONTACT: Rob Weber

PHONE: (561) 838-5440

PROJECT DESCRIPTION:

Nourishment of 2.4 miles of shoreline between DEP Monuments R90.4 - R101.4 in Palm Beach County. Restoration was completed in 1995 from R95 - R100. The project included construction of eleven groins which were completed in 1996. In 2003, nourishment was completed in an expanded shoreline length between R90.4 - R101.4. The project was nourished using FEMA funds in 2006 in response to the 2004/2005 hurricane seasons and again in FY2010/11 to repair damages sustained during Tropical Storm Fay. The federal share includes FEMA storm recovery funds and Florida DEM matching funds. Nourishment is scheduled for FY2012/13. Staff has determined that 72.36% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design (reimbursement) and construction (storm repair reimbursement and mitigation).

FEDERAL \$1,471,103

STATE \$1,552,135

LOCAL \$2,737,902

TOTAL \$5,761,140

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Phipps Ocean Park Beach Nourishment

LOCAL SPONSOR: Town of Palm Beach

LOCAL CONTACT: Rob Weber

PHONE: (561) 838-5440

PROJECT DESCRIPTION:

Nourishment of 1.4 miles of shoreline located between DEP Monuments R118.7 - R126 in Palm Beach County. In 2004, a 3.1 acre mitigation reef was constructed to compensate for impacts to hardbottom resources. Restoration was completed in 2006. FEMA dune restoration was completed in FY2010/11 to repair damages sustained during Tropical Storm Fay. The federal share includes FEMA storm recovery funds and Florida DEM matching funds. Nourishment is scheduled for FY2013/14. Staff has determined that 67.73% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design and construction (reimbursement).

FEDERAL \$1,255,860

STATE \$597,742

LOCAL \$1,167,070

TOTAL \$3,020,672

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Marco Island Beach Nourishment

LOCAL SPONSOR: Collier County

LOCAL CONTACT: Gary McAlpin

PHONE: (239) 252-5342

PROJECT DESCRIPTION:

Nourishment of 0.9 mile of shoreline between DEP Monuments R143-148 in Collier County. Restoration was completed in 1997 and nourishment was completed in 2007. The next nourishment is scheduled for FY2012/13 and includes FEMA storm recovery funds for damages sustained during Tropical Storm Fay. Staff has determined that 41.76% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction and first year monitoring.

FEDERAL \$2,025,000

STATE \$157,098

LOCAL \$595,288

TOTAL \$2,777,386

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Hollywood Beach Nourishment

LOCAL SPONSOR: City of Hollywood

LOCAL CONTACT: Susan Goldberg

PHONE: (954) 921-3993

PROJECT DESCRIPTION:

Nourishment of approximately 1 mile of shoreline between DEP Monuments R107 - R109 and R119 - R124 in Broward County. This project will nourish a chronic hotspot within the boundaries of the Broward Segment III project area. The local sponsor plans to construct in FY2011/12 as a regionalized project with the City of Hallandale. Staff has determined that 99.46% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design (reimbursement), construction and first year monitoring.

FEDERAL \$0

STATE \$3,419,287

LOCAL \$1,268,463

TOTAL \$4,687,750

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Hillsboro Beach Nourishment

LOCAL SPONSOR: Town of Hillsboro Beach

LOCAL CONTACT: Jean Marie Mark

PHONE: (954) 427-4011

PROJECT DESCRIPTION:

Nourishment of 1.4 miles of shoreline between DEP Monuments R6 - R12 in Broward County. The project was initially restored in 1972, with nourishment occurring in 1998 and 2011. The 2011 nourishment was partially funded with FEMA funds and Florida DEM matching funds, noted below in the Federal category, because of damages sustained during the 2004/05 storm seasons. Staff has determined that 51.54% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design and construction (reimbursement).

FEDERAL \$1,955,549

STATE \$1,196,931

LOCAL \$3,590,794

TOTAL \$6,743,274

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Hallandale Beach Nourishment

LOCAL SPONSOR: City of Hallandale

LOCAL CONTACT: Richard Labinsky

PHONE: (954) 457-3042

PROJECT DESCRIPTION:

Nourishment of 0.8 mile of shoreline between DEP Monuments R124 - R128 in Broward County. This project will nourish a chronic hotspot within the boundaries of the Broward Segment III project area. The local sponsor plans to construct in FY2011/12 as a regionalized project with the City of Hollywood. Staff has determined that 99.6% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design (reimbursement), construction and first year monitoring.

FEDERAL \$0

STATE \$2,835,626

LOCAL \$1,065,099

TOTAL \$3,900,725

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: South Boca Raton Beach Nourishment

LOCAL SPONSOR: City of Boca Raton

LOCAL CONTACT: Jennifer Bistyga

PHONE: (561) 416-3397

PROJECT DESCRIPTION:

Nourishment of approximately 1.0 mile of shoreline between DEP Monuments R223.3 - R227.9 in Palm Beach County. Restoration was completed in 1985 with nourishment in 1996, 2002 and 2010. The project area also receives bypass material from Boca Raton Inlet as a result of maintenance dredging by the city-owned dredge. Nourishment is scheduled for FY2015/16. Staff has determined that 97.8% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

FEDERAL \$0

STATE \$34,230

LOCAL \$35,770

TOTAL \$70,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Sailfish Point Nourishment

LOCAL SPONSOR: Martin County

LOCAL CONTACT: Kathy FitzPatrick

PHONE: (772) 288-5429

PROJECT DESCRIPTION:

Nourishment of 0.4 mile of shoreline between DEP Monuments R35.8 - R37.6 in Martin County. Construction is scheduled for FY2013/14. Staff has determined that 45% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design.

<u>FEDERAL</u>	\$0	<u>STATE</u>	\$28,125	<u>LOCAL</u>	\$96,875	<u>TOTAL</u>	\$125,000
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Mexico Beach Restoration

LOCAL SPONSOR: City of Mexico Beach

LOCAL CONTACT: Chris Hubbard

PHONE: (850) 648-5700

PROJECT DESCRIPTION:

Storm damage repair between DEP Monuments R127- R144 in Bay County. Federal funds noted below include storm recovery funding from FEMA and Florida DEM for damages sustained during Hurricane Gustav. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design and construction.

FEDERAL \$704,375

STATE \$50,312

LOCAL \$50,313

TOTAL \$805,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NEW PROJECTS: FEASIBILITY AND DESIGN

PROJECT DESCRIPTION:

The Department has a responsibility to evaluate critically eroded beaches to determine the best option for their management. Program funds can be used to conduct studies necessary to determine the economic, environmental, and engineering feasibility of proposed projects. Program funds can also be allocated for the design and permitting of new projects. To be eligible for construction funds, new projects must complete a feasibility study or alternatives analysis.

FUNDS REQUESTED:

Funding for the feasibility and design phases of new projects shall be awarded based on the relative priority ranking of proposed projects. Cost sharing for design will follow established eligibility criteria. Priority ranking of proposed projects is as follows:

	<u>FEDERAL</u>	<u>STATE</u>	<u>LOCAL</u>	<u>TOTAL</u>
<u>Feasibility Studies</u>				
South Ponte Vedra/Vilano/Summerhaven Federal Shore Protection Project	\$1,000,000	\$631,500	\$631,500	\$2,263,000
Vero Beach Restoration	\$0	\$50,000	\$50,000	\$100,000
Flagler County Federal Shore Protection Project	\$647,750	\$323,875	\$323,875	\$1,295,500
SUB-TOTAL FEASIBILITY	\$1,647,750	\$1,005,375	\$1,005,375	\$3,658,500
<u>Design</u>				
Walton County Federal Shore Protection Project	\$313,560	\$160,892	\$708,793	\$1,183,245
SUB-TOTAL DESIGN	\$313,560	\$160,892	\$708,793	\$1,183,245
 TOTAL	 \$1,961,310	 \$1,166,267	 \$1,714,168	 \$4,841,745

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Regional Monitoring

LOCAL SPONSOR: FDEP

LOCAL CONTACT: Tom Watters

PHONE: (850) 922-7718

PROJECT DESCRIPTION:

The Regional Data Collection and Processing Program is designed to address statewide coastal erosion and change analysis and outlines the minimum data collection efforts necessary to accomplish the program goals. It includes a combination of in-house and contracted work efforts that provide for complete statewide coverage of the program jurisdictional areas on an eight-year cycle. The data collection cycle includes the acquisition and development of the following:

- Aerial Photography
- Aerial Oblique Photography for reconnaissance and emergency response
- Conventional topographic and bathymetric surveys
- Laser remote sensing technologies including topographic and bathymetric data (LIDAR)
- Computer based stereo photo modeling

These data are used to support all aspects of the statewide beach management and coastal permitting programs, including the planning and design of beach restoration and nourishment, post-hurricane response and recovery activities, and the development of the critically eroded beaches inventory. The collection and analysis of the data is coordinated with other statewide initiatives including the annual aerial digital photo acquisition initiative, the U. S. Army Corps of Engineers Regional Sediment Management efforts, and the local government project sponsors to increase cost efficiency and avoid duplication of efforts.

FUNDS REQUESTED:

Funds will be used for the collection and processing of aerial photography of the Northwest region from Escambia County through Wakulla County.

FEDERAL \$0

STATE \$230,000

LOCAL \$0

TOTAL \$230,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Pinellas County Inlet Sediment Budget Analysis

LOCAL SPONSOR: FDEP

LOCAL CONTACT: Bob Brantly

PHONE: (850) 922-7803

PROJECT DESCRIPTION:

The Department, with the assistance of university based resources, shall conduct inlet management studies consistent with Section 161.142 and 161.143(4), F.S. to determine, calculate, refine and achieve general consensus regarding net annual sediment transport volumes to be used for the purpose of planning and prioritizing inlet management projects. The inlets of interest shall include Johns Pass and Blind Pass in Pinellas County. In addition, the Department, with the assistance of university based resources, shall maintain an inventory of sediment budgets and a current estimate of beach quality sand that is placed on adjacent eroding beaches for all inlets in the State of Florida in accordance with the legislative mandate in Section 161.142(2) and 161.143(4), F.S.

FUNDS REQUESTED:

Pursuant to Section 161.143(4), F.S., the Department may use the legislative appropriation to the statewide beach management support category of the Department's local government funding request to employ university based or other contractual resources and pay 100 percent of the costs of the studies that are consistent with Section 161.142 and Section 161.143(4)(a) and (b), F. S. Inlets to be studied are:

Johns Pass
Blind Pass

FEDERAL \$0

STATE \$200,000

LOCAL \$0

TOTAL \$200,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Port Canaveral IMP Implementation

LOCAL SPONSOR: Canaveral Port Authority

LOCAL CONTACT: Carol Noble

PHONE: (321) 783-7831 ext. 256

PROJECT DESCRIPTION:

In 1996, the Department adopted the Port Canaveral Inlet Management Plan which recommends corrective measures to mitigate the impacts of Port Canaveral Inlet. Plan recommendations include:

- Bypassing beach compatible maintenance dredge material to the downdrift beaches.
- Placing suitable maintenance dredge material in nearshore areas.
- Restoration of downdrift beaches.
- Conducting structural improvements to stabilize the inlet and improve bypassing.
- Investigating the feasibility of using innovative technologies to recover beach compatible maintenance dredge material.
- Implementation of a comprehensive beach and offshore monitoring program.

Port Canaveral Inlet is a federally maintained inlet. The U.S. Army Corps of Engineers has completed structural improvements to the north and south jetties and periodically bypasses sediment to the downdrift beaches and nearshore. Federally-funded bypassing of material excavated from the 1.6 mile-long fillet updrift of the North jetty last occurred in 2010, with bypass material being placed between R1 - R14 south of the inlet. The locally funded bypassing of sand trap dredge material was initiated in 2011. Completion of the dredging is scheduled for later in 2011 or 2012. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for monitoring.

FEDERAL \$0

STATE \$112,500

LOCAL \$37,500

TOTAL \$150,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Sebastian IMP Implementation

LOCAL SPONSOR: Sebastian Inlet Tax District

LOCAL CONTACT: Marty Smithson

PHONE: (321) 724-5175

PROJECT DESCRIPTION:

The Sebastian Inlet Management Plan, which was originally adopted in 2000, defines measures needed to mitigate the adverse impacts of the inlet on the coastal system. Plan recommendations include:

- Bypassing beach compatible dredge material to the downdrift beaches.
- Restoration of downdrift beaches.
- Evaluation of management alternatives to facilitate sediment bypassing.

A dredge materials management area (DMMA) will provide for stockpiling of beach quality sand from the interior channel dredging and sand trap for bypassing to areas south of the inlet from DEP Monuments R3 - R17 in Indian River County. Construction of the DMMA with a capacity of 15,000 – 30,000 cubic yards was completed in 2011, to store material for bypassing via truck haul to beaches farther south of the inlet. Requested funds will be used for dredging of the sand trap and beach placement on the downdrift shoreline. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction.

FEDERAL \$0

STATE \$2,800,425

LOCAL \$933,475

TOTAL \$3,733,900

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Lake Worth IMP Implementation

LOCAL SPONSOR: Town of Palm Beach

LOCAL CONTACT: Rob Weber

PHONE: (561) 838-5440

PROJECT DESCRIPTION:

In 1996, the Department adopted the Lake Worth Inlet Management Plan. The recommendations include:

- Reactivate and enhance the performance of the existing sand transfer plant (STP).
- Perform a study to implement changes with the L-groin to improve sand movement into the STP.
- Bypass all beach compatible dredged material during channel maintenance activities to downdrift beaches.
- Conduct additional studies to determine the downdrift beaches to be restored as mitigation for the effects of the inlet.
- Conduct studies to determine the necessity of expansion of the settling basin.
- Implement a comprehensive beach and offshore monitoring program.

Lake Worth Inlet is a federally maintained inlet. A sand transfer plant was constructed on the north jetty in 1958 but was not operational between May 1990 and May 1996. Phase I re-construction of the STP was completed in 2010. Phase II design is ongoing with construction scheduled in FY2013/14 to include installation of a booster pump and extension of the discharge pipe. Federal maintenance disposal material is placed annually in the nearshore downdrift of the inlet. A feasibility study will be initiated for expansion of the sand trap in FY2012/13. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for feasibility, design (Phase II- pipeline extension and mitigation), construction (STP- Phase I reimbursement and dredge disposal), and monitoring.

FEDERAL \$4,000,000

STATE \$2,922,000

LOCAL \$974,000

TOTAL \$7,896,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: St. Mary's IMP Implementation

LOCAL SPONSOR: FDEP, Division of Recreation and Parks

LOCAL CONTACT: Jeff Raley

PHONE: (850) 245-3104

PROJECT DESCRIPTION:

In 1998, the Department adopted the St. Mary's Inlet Management Plan which includes measures to mitigate the impacts of the St. Mary's River Entrance. The area of inlet influence encompasses the entire Atlantic shoreline of Amelia Island. Plan recommendations include:

- Bypassing beach compatible dredge material to downdrift beaches.
- Restoration of downdrift beaches as mitigation for inlet impacts.
- Measures to protect Fort Clinch.
- Evaluation of alternatives to facilitate bypassing.
- Implementation of a comprehensive beach and offshore monitoring program.

St. Mary's Inlet is a federally maintained inlet. The project consists of a feasibility study for improved sand management methods and potential modifications to the T-head groin field around Fort Clinch. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for feasibility.

FEDERAL \$0

STATE \$90,000

LOCAL \$0

TOTAL \$90,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Blind Pass Eco-zone Restoration & Bypassing

LOCAL SPONSOR: Lee County

LOCAL CONTACT: Robert Neal

PHONE: (239) 533-8566

PROJECT DESCRIPTION:

Bypassing of material from Blind Pass between DEP Monuments R109 - R118 in Lee County. Supplemental dredging is required due to shoaling immediately after channel restoration. Staff has determined that 62.1% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design and construction.

FEDERAL \$0

STATE \$1,593,750

LOCAL \$531,250

TOTAL \$2,125,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: St. Andrews IMP Implementation

LOCAL SPONSOR: FDEP, Division of Recreation and Parks

LOCAL CONTACT: Jeff Raley

PHONE: (850) 245-3104

PROJECT DESCRIPTION:

Stabilization of the inlet shoreline along the western side of St. Andrews Inlet in Bay County. Design efforts will include extension of the permit for four offshore breakwaters designed to protect Gator Lake in St. Andrews State Park, to increase the volume of sand being bypassed to the downdrift beaches of Panama City Beach (Bay County Shore Protection Project). Construction is scheduled for FY2012/13. Staff has determined that 100% of the project is eligible for state funding.

FUNDS REQUESTED:

Funds will be used for design, construction (breakwaters) and first year monitoring.

FEDERAL \$0

STATE \$2,365,000

LOCAL \$0

TOTAL \$2,365,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Ft. Pierce IMP Implementation

LOCAL SPONSOR: St. Lucie County

LOCAL CONTACT: Richard Bouchard

PHONE: (772) 462-1710

PROJECT DESCRIPTION:

The Ft. Pierce Inlet Management Plan adopted in 1997 defines measures needed to mitigate the adverse impacts of the inlet on the coastal system. Plan recommendations include:

- Initial restoration of 2.3 miles of beach south of the inlet, placement of all beach compatible maintenance or offshore dredged material on downdrift beaches.
- Placement of supplemental material from upland sources, or dredged from nearshore north of the inlet, or from seaward of depth of closure on the beaches south of the inlet such that the combined total of material from all sources equals or exceeds 130,000 cubic yards on an average annual basis.
- Improvement of the south jetty to reduce backflow of material into the inlet.
- Implement a comprehensive inlet, beach, and offshore monitoring program.
- Evaluate possible alternatives to facilitate the bypassing of sand from the shoreline north of the inlet to the downdrift beaches.

Ft. Pierce Inlet is a federally maintained inlet. A feasibility study has been completed and design of the sand trap continues. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for the design (sand trap).

FEDERAL \$0

STATE \$150,000

LOCAL \$50,000

TOTAL \$200,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: St. Lucie IMP Implementation

LOCAL SPONSOR: Martin County

LOCAL CONTACT: Kathy FitzPatrick

PHONE: (772) 288-5429

PROJECT DESCRIPTION:

In 1995, the Department adopted the St. Lucie Inlet Management Plan, which defines the measures needed to mitigate the adverse impacts of St. Lucie Inlet on the coastal system. Plan recommendations include:

- Continue periodic maintenance dredging activities including dredging of the channel and sedimentation basin (approximately 4-5 year cycle).
- Dredge interior inlet flood tidal shoal and place beach quality material on downdrift beaches (1999).
- Investigate options which include modifications to the north jetty (2009) and expansion of the sedimentation basin (2000).
- Implement a comprehensive beach and offshore monitoring program.
- Evaluate the feasibility and need for an extension of the south jetty.

Federally authorized improvements began in 1982 with the construction of a sand trap inside the inlet. Regular sand bypassing from the sand trap was completed on a 4-5 year cycle with placement of sand on the beaches of Jupiter Island south of the inlet. Deepening of the sand trap in 2000 and emergency dredging in 2002 resulted in nearshore disposal of material. The sand trap was last dredged in 2007 with material placed on Jupiter Island. An emergency sand bypassing event is scheduled for 2012. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for monitoring.

FEDERAL \$0

STATE \$431,250

LOCAL \$143,750

TOTAL \$575,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: South Lake Worth IMP Implementation

LOCAL SPONSOR: Palm Beach County

LOCAL CONTACT: Leanne Welch

PHONE: (561) 233-2434

PROJECT DESCRIPTION:

The South Lake Worth Inlet Management Plan adopted in 1999 defines measures needed to mitigate the adverse impacts of the inlet on the coastal system. Plan recommendations include:

- Bypassing beach compatible maintenance dredged material to downdrift beaches within the area of inlet influence.
- Expansion of the existing sand trap to facilitate bypassing.
- Sand transfer plant maintenance.
- Implementation of a comprehensive beach and offshore monitoring program.

Restoration of the Ocean Ridge segment immediately downdrift of the inlet was completed in 1998. Expansion of the inlet sand trap was completed in 2002. The sand transfer plant was damaged in 2004 and rendered inoperable. Reconstruction and remodeling of the sand transfer plant was completed in 2011. Dredging of the sand trap for bypassing and sand trap expansion is scheduled for FY2012/13. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design, construction, and first year monitoring.

FEDERAL \$0

STATE \$1,323,750

LOCAL \$441,250

TOTAL \$1,765,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Boca Raton IMP Implementation

LOCAL SPONSOR: City of Boca Raton

LOCAL CONTACT: Jennifer Bistyga

PHONE: (561)416-3397

PROJECT DESCRIPTION:

The Boca Raton Inlet Management Plan was adopted in 1997. The recommendations include:

- Bypass sediment to downdrift beaches.
- Construct the deposition basin to facilitate the bypassing objectives.
- Maintain existing jetty structures.
- Implement a comprehensive beach and offshore monitoring program.

The weir on the north jetty was extended 50 ft seaward to allow for the creation of a wider beach in conjunction with nourishment north of the inlet in 2004. In 2008, the wooden crib structure of the north jetty was rehabilitated with quarried rock. Bypassing activities occur annually. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction and first year monitoring.

FEDERAL \$0

STATE \$366,900

LOCAL \$122,300

TOTAL \$489,200

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Jupiter IMP Implementation

LOCAL SPONSOR: Jupiter Inlet District

LOCAL CONTACT: Mike Grella

PHONE: (561) 746-2223

PROJECT DESCRIPTION:

The Jupiter Inlet Management Plan was adopted in 1997. The recommendations include:

- Bypass sediment to downdrift beaches.
- Expand existing sand trap to facilitate the bypassing objectives.
- Improve jetty structures to reduce erosion and facilitate bypassing.
- Implement a comprehensive beach and offshore monitoring program.

Maintenance dredging of the navigation channel and sand trap generally occurs on an annual basis with placement of suitable material on the downdrift beaches located south of the inlet. Design and construction of the next dredging event is scheduled for FY2011/12. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for design and construction.

FEDERAL \$0

STATE \$753,750

LOCAL \$251,250

TOTAL \$1,005,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Southwest Gulf Coast Regional Inlet Study

LOCAL SPONSOR: West Coast Inland Navigation

LOCAL CONTACT: Charles Listowski

PHONE: (941)485-9402

PROJECT DESCRIPTION:

Regional study for Southwest Gulf Coast inlets, in Manatee, Sarasota, Charlotte, and Lee Counties. The study will evaluate the potential for flood shoal sand trap development to assist inlets in achieving bypass objectives. Inlets include:

Manatee County- Passage Key Inlet

Sarasota County- New Pass, Big Sarasota Pass

Charlotte County- Stump Pass, Gasparilla Pass

Lee County- Boca Grande Pass, Captiva Pass, Redfish Pass, Blind Pass, San Carlos Pass, Big Carlos Pass, New Pass, Big Hickory Pass

FUNDS REQUESTED:

Funds will be used for feasibility.

FEDERAL \$0

STATE \$187,500

LOCAL \$62,500

TOTAL \$250,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Stump Pass IMP Study

LOCAL SPONSOR: Charlotte County

LOCAL CONTACT: Dan Quick

PHONE: (941) 637-9265

PROJECT DESCRIPTION:

Design stabilizing structures for 1 mile of shoreline in Stump Pass Beach State Park between DEP Monuments R16 - R21 in Charlotte County. Structures are being studied to address erosion on the northern side of Stump Pass Inlet, since channel realignment in 2003. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for feasibility.

FEDERAL \$0

STATE \$123,750

LOCAL \$41,250

TOTAL \$165,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Ponce de Leon IMP Implementation

LOCAL SPONSOR: Ponce de Leon Port Authority

LOCAL CONTACT: Joe Nolin

PHONE: (904) 248-8072 ext. 8335

PROJECT DESCRIPTION:

The Ponce de Leon Inlet Management Plan adopted in 1997 defines measures needed to mitigate the adverse impacts of the inlet on the coastal system. Plan recommendations include:

- Bypassing beach compatible material to downdrift beaches.
- Stabilizing the inlet with structural improvements.
- Investigating the feasibility of restoring the downdrift beaches.
- Implementation of a comprehensive beach and offshore monitoring program.

Ponce de Leon Inlet is a federally maintained inlet. The area of inlet influence encompasses approximately 3.0 miles of shoreline between DEP Monuments R149 - R165. The USACE has completed a feasibility study for structural improvements to the south jetty and has initiated project design. Construction is anticipated for FY2012/13. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction.

FEDERAL \$8,400,000

STATE \$4,800,000

LOCAL \$1,600,000

TOTAL \$14,800,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Mexico Beach IMP Implementation

LOCAL SPONSOR: City of Mexico Beach

LOCAL CONTACT: Chris Hubbard

PHONE: (850) 648-5700

PROJECT DESCRIPTION:

Bypassing of sand via truck haul from the beach updrift of Mexico Beach Inlet to the downdrift side of the inlet between DEP monuments R132 - R138 in Bay County. Although a bypassing pipeline system is in place, the system only allows for bypassing of approximately 50% of the recommended bypass quantity. The addition of the truck haul will allow for bypassing of nearly 100% of the recommended bypass quantity. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction and monitoring.

FEDERAL \$0

STATE \$196,500

LOCAL \$65,500

TOTAL \$262,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Longboat Pass IMP Implementation

LOCAL SPONSOR: West Coast Inland Navigation District

LOCAL CONTACT: Chuck Listowski

PHONE: (941) 485-9402

PROJECT DESCRIPTION:

In 2008, the Department approved an updated Inlet Management Plan for Longboat Pass, in Manatee County. The plan recommends:

- Construction of a sediment trap.
- Continued maintenance dredging of the flood shoal in order to conserve beach quality sand.
- Improve inlet sand bypassing to replicate the natural flow of sand interrupted by Longboat Pass.

Design for sand bypassing is nearing completion. Sand bypassing construction is scheduled for FY2012/13. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction and first year monitoring.

FEDERAL \$0

STATE \$1,245,000

LOCAL \$415,000

TOTAL \$1,660,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Venice IMP Implementation

LOCAL SPONSOR: West Coast Inland Navigation District

LOCAL CONTACT: Chuck Listowski

PHONE: (941) 485-9402

PROJECT DESCRIPTION:

Dredging of the flood shoal to create a sand trap and nourish adjacent shoreline between DEP Monuments R115.5 - R117 in Sarasota County. The Venice Inlet Management Plan was adopted in 1998. The plan recommends:

- Place all beach compatible maintenance dredged material on the downdrift beaches in areas of greatest need;
- Supplement dredged material with sand from offshore borrow areas;
- The combined bypassing total from all sources shall equal or exceed 64,620 cubic yards on an average annual basis; and
- Revalidate or refine the sediment budget.

A feasibility level study has been performed and the design for flood shoal dredging is nearing completion. Sand bypassing construction is scheduled for FY2012/13. Staff has determined that 100% of the project is eligible for state cost sharing.

FUNDS REQUESTED:

Funds will be used for construction and first year monitoring.

FEDERAL \$0

STATE \$327,000

LOCAL \$109,000

TOTAL \$436,000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Beach Management Funding Assistance Program
FY 2012/2013 Local Government Funding Requests

NAME OF PROJECT: Wiggins Pass IMP Study

LOCAL SPONSOR: Collier County

LOCAL CONTACT: Gary McAlpin

PHONE: (239) 530-5342

PROJECT DESCRIPTION:

Conduct inlet management study for Wiggins Pass in Collier County. Study will include feasibility studies between DEP monuments R14 - R16.3 (Barefoot Beach Park), which has recently been designated as critically eroded. Staff has determined that 100% of the project is eligible for state cost sharing for the study.

FUNDS REQUESTED:

Funds will be for a feasibility study.

FEDERAL \$0

STATE \$41,531

LOCAL \$13,844

TOTAL \$55,375