

# **DEPARTMENT OF ENVIRONMENTAL PROTECTION**

## **Division of Water Resource Management**

### **Beach Management Funding Assistance Program**

January 23, 2014

**Fixed Capital Outlay  
Local Government Funding Requests  
For  
FY 2014/2015**



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
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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 for public infrastructure and private upland development. the enjoyment of its residents and non-resident tourists, boosting the state's economy. Critical habitat for many species, including many that are endangered and threatened, is also provided along the state's sandy shoreline. 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. Inlet management and inlet sand bypassing is also critical to account for the disruption of sand transport along the shoreline caused by dredging of inlets.

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 annual inventory of beach erosion control projects proposing activities for the coming fiscal year. The SBMP adopts strategies for erosion control activities along 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 397.9 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, \$579.1 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 226.7 miles, or nearly 57%, of the state's critically eroded beaches.

The funding requests for FY 2014-2015 consist of fifty-nine projects, which total nearly \$90 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, recently amended in 2013. 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.

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**BEACH RESTORATION AND NOURISHMENT PROJECTS**

DEP has developed a multi-year repair and maintenance strategy to implement the state 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 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 forty-seven Beach Restoration and Nourishment Projects ("Beach Projects") for FY 2014-2015 total over \$75 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;
- 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, but have yet to be field verified.

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

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**BEACH RESTORATION AND NOURISHMENT PROJECTS**

Rank	Project	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
	<b>Post Construction Monitoring (1)</b>	Various	Monitoring	\$49,812	\$3,763,267	\$5,378,500	\$9,191,580	\$3,763,267
1	<b>Duval County Shore Protection Project</b>	City of Jacksonville	Design	\$250,000	\$31,159	\$34,841	\$316,000	\$3,794,425
2	<b>Anna Maria Island/ Cortez Groin Replacement &amp; Coquina Beach Nourishment (3)(4)</b>	Manatee County	Design, Construction	\$631,000	\$2,007,250	\$2,007,250	\$4,645,500	\$5,801,675
3	<b>Ft. Pierce Shore Protection Project</b>	St. Lucie County	Design	\$0	\$166,000	\$166,000	\$332,000	\$5,967,675
4	<b>Anna Maria Island- Manatee County Shore Protection Project (4)</b>	Manatee County	Design, Construction	\$8,838,872	\$2,126,401	\$2,126,401	\$13,091,674	\$8,094,076
5	<b>Gasparilla Island- Lee County Shore Protection Project (4)</b>	Lee County	Design	\$461,505	\$106,822	\$131,673	\$700,000	\$8,200,898
6	<b>Jupiter/Carlin Segment- Palm Beach County Shore Protection Project (4)</b>	Palm Beach County	Construction	\$0	\$1,625,000	\$1,625,000	\$3,250,000	\$9,825,898
7	<b>North Boca Raton Segment- Palm Beach County Shore Protection Project (4)</b>	City of Boca Raton	Design, Construction	\$4,520,400	\$1,012,750	\$1,012,750	\$6,545,900	\$10,838,648
8	<b>Ocean Ridge Segment- Palm Beach County Shore Protection Project (4)</b>	Palm Beach County	Construction	\$1,426,445	\$751,300	\$751,300	\$2,929,045	\$11,589,948
9	<b>Longboat Key Beach Nourishment (3)</b>	Town of Longboat Key	Construction	\$11,959,131	\$2,335,034	\$7,910,835	\$22,205,000	\$13,924,982

- (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 23 previously constructed projects require monitoring activities for FY 2014/15. A complete monitoring project listing can be found on page 12. 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) 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 FY2013/14.

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**BEACH RESTORATION AND NOURISHMENT PROJECTS (CONT'D)**

Rank	Project	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
10	Lido Key Beach Nourishment (3)	City of Sarasota	Construction	\$2,325,000	\$387,500	\$387,500	\$3,100,000	\$14,312,482
11	Ft. Zachary Taylor Breakwater Rehabilitation	FDEP-Parks	Design, Construction	\$0	\$1,533,000	\$0	\$1,533,000	\$15,845,482
12	St. Joseph Peninsula Beach Nourishment	Gulf County	Design	\$0	\$230,425	\$419,575	\$650,000	\$16,075,907
13	Ft. Pierce Beach Emergency Truck Haul (4)	St. Lucie County	Construction	\$0	\$675,000	\$675,000	\$1,350,000	\$16,750,907
14	Collier County Beach Nourishment (3) (4)	Collier County	Construction	\$6,400,000	\$1,621,672	\$3,408,328	\$11,430,000	\$18,372,579
15	South Amelia Island Beach Nourishment (4)	FDEP-Parks/SAISSA	Design, Construction	\$0	\$4,127,584	\$6,399,281	\$10,526,865	\$22,500,162
16	Pensacola Beach Nourishment	Santa Rosa Island Auth.	Design, Construction	\$0	\$8,532,302	\$8,532,302	\$17,064,604	\$31,032,464
17	Delray Segment- Palm Beach County Shore Protection Project (4)	City of Delray Beach	Construction	\$2,595,317	\$1,006,016	\$1,006,016	\$4,607,349	\$32,038,480
18	Jupiter Island Beach Nourishment (3) (4)	Town of Jupiter Island	Design, Construction	\$2,215,000	\$1,380,993	\$9,089,007	\$12,685,000	\$33,419,473
19	Wabasso Beach Restoration (4)	Indian River County	Construction	\$0	\$5,650,000	\$5,650,000	\$11,300,000	\$39,069,473
20	Bathtub/Sailfish Point Project (3)	Martin County	Design	\$18,000	\$125,000	\$125,000	\$268,000	\$39,194,473
21	South Marco Island Nourishment (3) (4)	Collier County	Construction	\$687,345	\$233,254	\$883,861	\$1,804,460	\$39,427,727

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- (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) 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 FY2013/14.

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**BEACH RESTORATION AND NOURISHMENT PROJECTS (CONT'D)**

Rank	Project	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
22	<b>Segment II- Broward County Shore Protection Project (4)</b>	Broward County	Construction	\$5,637,500	\$2,036,419	\$2,576,081	\$10,250,000	\$41,464,146
23	<b>Navarre Beach Nourishment (3)</b>	Santa Rosa County	Design, Construction	\$1,760,000	\$4,854,857	\$5,211,196	\$11,826,053	\$46,319,003
24	<b>Long Key/ Upham Beach Groin Replacement</b>	Pinellas County	Design, Construction	\$0	\$4,484,000	\$4,484,000	\$8,968,000	\$50,803,003
25	<b>Bonita Beach Nourishment</b>	Lee County	Design, Construction	\$0	\$582,574	\$1,135,426	\$1,718,000	\$51,385,577
26	<b>South St. Lucie Beach Restoration</b>	St. Lucie County	Construction	\$0	\$38,271	\$49,729	\$88,000	\$51,423,848
27	<b>Charlotte County Beach Restoration (3) (4)</b>	Charlotte County	Feasibility, Construction	\$2,348,332	\$1,041,759	\$1,275,320	\$4,665,411	\$52,465,607
28	<b>Mid-Town Beach Nourishment</b>	Town of Palm Beach	Construction	\$0	\$5,531,960	\$6,494,040	\$12,026,000	\$57,997,567
29	<b>South Siesta Key Beach Nourishment</b>	Sarasota County	Design, Construction	\$0	\$2,963,328	\$4,861,673	\$7,825,000	\$60,960,894
30	<b>Marathon Beaches Emergency Repair (3) (4)</b>	City of Marathon	Construction	\$156,896	\$20,000	\$20,000	\$196,896	\$60,980,894
31	<b>Central Boca Raton Beach Nourishment (4)</b>	City of Boca Raton	Design, Construction	\$0	\$3,887,916	\$5,460,284	\$9,348,200	\$64,868,811
32	<b>Hallandale Beach Nourishment</b>	City of Hallandale	Design	\$0	\$367,536	\$382,538	\$750,074	\$65,236,347
33	<b>Phipps Ocean Park Beach Nourishment</b>	Town of Palm Beach	Construction	\$0	\$812,370	\$1,270,630	\$2,083,000	\$66,048,717

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- (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) 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 FY2013/14.



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Rank	Project	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
34	<b>Key Biscayne Beach Nourishment (4)</b>	Key Biscayne	Design, Construction	\$0	\$1,075,794	\$1,075,794	\$2,151,588	\$67,124,511
35	<b>Perdido Key Beach Restoration</b>	Escambia County	Construction	\$0	\$5,822,445	\$10,465,855	\$16,288,300	\$72,946,956
36	<b>Hillsboro Beach Nourishment</b>	Hillsboro Beach	Design	\$0	\$71,151	\$204,949	\$276,100	\$73,018,107
37	<b>South Boca Raton Beach Nourishment (4)</b>	City of Boca Raton	Design, Construction	\$0	\$1,385,190	\$1,447,510	\$2,832,700	\$74,403,297
38	<b>Mid Reach-Brevard County Shore Protection Project</b>	Brevard County	Design	\$0	\$28,360	\$41,613	\$69,973	\$74,431,657
39	<b>South Palm Beach Island Restoration</b>	Palm Beach County	Feasibility	\$0	\$118,703	\$522,845	\$641,548	\$74,550,360
40	<b>Coral Cove Park Dune Nourishment</b>	Palm Beach County	Construction	\$0	\$470,000	\$470,000	\$940,000	\$75,020,360
41	<b>Curry Hammock Beach Restoration</b>	FDEP	Feasibility	\$0	\$75,000	\$0	\$75,000	\$75,095,360
42	<b>Vero Beach Restoration</b>	Indian River County	Feasibility	\$0	\$50,000	\$50,000	\$100,000	\$75,145,360
43	<b>Regional Monitoring</b>	FDEP	Monitoring	\$0	\$250,000	\$0	\$250,000	\$75,395,360
	<b>TOTAL</b>			<b>\$52,280,555</b>	<b>\$75,395,360</b>	<b>\$105,219,904</b>	<b>\$232,895,820</b>	

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- (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) 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 FY2013/14.

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**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 2014-2015, funding requests for twelve Inlet Sand Bypassing/Inlet Management Plan Implementation Projects ("Inlet Projects") are included in the Beach Management Funding Assistance Program. These projects total over \$14 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, F.S., 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. Program rule 62B-36, Florida Administrative Code was amended in August of 2013 to incorporate new ranking criteria specific to inlet projects. These new criteria were used in ranking projects for FY2014/2015.

The funding requirements provided in Section 161.143, F.S., also include provisions that:

- 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 individual inlet projects complete this document.

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**INLET SAND BYPASSING/INLET MANAGEMENT PLAN IMPLEMENTATION PROJECTS**

Rank	Project Name	Local Sponsor	Project Phase	Federal	State	Local	Total	Cumulative State Total
1	Port Canaveral IMP Implementation	Canaveral Port Auth.	Feasibility, Design	\$380,000	\$100,500	\$33,500	\$514,000	\$100,500
2	Lake Worth IMP Implementation	Town of Palm Beach	Monitoring	\$0	\$54,000	\$18,000	\$72,000	\$154,500
3	St. Lucie Inlet IMP Implementation (1)	Martin County	Construction, Monitoring	\$6,465,600	\$4,781,250	\$1,593,750	\$12,840,600	\$4,935,750
4	East Pass IMP Update (2)	City of Destin	Construction	\$0	\$3,768,750	\$1,256,250	\$5,025,000	\$8,704,500
5	St. Andrew's Inlet IMP Implementation	FDEP- Parks	Design, Construction	\$0	\$2,220,000	\$20,000	\$2,240,000	\$10,924,500
6	South Lake Worth Inlet IMP Implementation	Palm Beach County	Construction, Monitoring	\$0	\$536,250	\$178,750	\$715,000	\$11,460,750
7	Sebastian IMP Implementation	Sebastian Inlet District	Monitoring	\$0	\$153,000	\$51,000	\$204,000	\$11,613,750
8	Longboat Pass IMP Implementation	Various	Design, Construction	\$0	\$1,374,866	\$458,289	\$1,833,154	\$12,988,616
9	Boca Inlet IMP Implementation	City of Boca Raton	Design, Construction	\$0	\$395,700	\$131,900	\$527,600	\$13,384,316
10	Venice Inlet IMP Implementation	WCIND	Construction	\$0	\$337,500	\$112,500	\$450,000	\$13,721,816
11	Ft. Pierce Inlet IMP Implementation	St. Lucie County	Feasibility	\$0	\$450,000	\$150,000	\$600,000	\$14,171,816
12	Southwest Gulf Coast Regional Inlet Study	WCIND	Feasibility	\$0	\$187,500	\$62,500	\$250,000	\$14,359,316
	<b>TOTAL</b>			<b>\$6,845,600</b>	<b>\$14,359,316</b>	<b>\$4,066,439</b>	<b>\$25,271,354</b>	

- (1) 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 FY2013/14.
- (2) Program funding may not be necessary for the project, which has been identified to receive Natural Resource Damage Assessment (NRDA) funding through the BP Oil Spill Recovery efforts. However, until funding is secured, the request will be considered for inclusion in the LGFR.

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**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. 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 funding shortfalls since FY2011/12 may have been added to the FY 2014-2015 list.

<b>Project</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
Anna Maria Island/ Cortez Groin Replacement & Coquina Beach Nourishment	\$0	\$32,500	\$32,500	\$65,000
Ft. Pierce Shore Protection Project	\$0	\$135,000	\$135,000	\$270,000
Anna Maria Island/ Manatee County Shore Protection Project	\$0	\$202,104	\$202,104	\$404,208
Brevard County SPP/ North & South Reaches	\$0	\$321,068	\$365,855	\$686,923
Gasparilla Island- Lee County Shore Protection Project	\$0	\$55,988	\$69,012	\$125,000
Longboat Key Beach Nourishment	\$0	\$131,043	\$443,957	\$575,000
Blind Pass Ecozone Restoration	\$0	\$62,500	\$62,500	\$125,000
St. Joseph Peninsula Beach Nourishment	\$0	\$42,895	\$78,106	\$121,000
Martin County Shore Protection Project	\$0	\$342,300	\$357,700	\$700,000
Collier County Beach Nourishment	\$0	\$72,540	\$152,460	\$225,000
South Amelia Island Beach Nourishment	\$0	\$262,864	\$407,536	\$670,400
Pensacola Beach Nourishment	\$0	\$87,700	\$87,700	\$175,400
Jupiter Island Beach Nourishment	\$0	\$123,327	\$811,674	\$935,000
Wabasso Beach Restoration	\$0	\$1,075,000	\$1,075,000	\$2,150,000
South Marco Island Nourishment	\$0	\$16,158	\$61,228	\$77,386
Bonita Beach Nourishment	\$0	\$13,564	\$26,436	\$40,000
South St. Lucie Beach Restoration	\$0	\$239,195	\$310,805	\$550,000
Charlotte County Beach Restoration	\$0	\$402,746	\$493,041	\$895,787
Marathon Beaches Emergency Repair	\$0	\$4,500	\$4,500	\$9,000
Key Biscayne Beach Nourishment	\$0	\$54,706	\$54,706	\$109,412
Estero Island/ Lee County Shore Protection Project	\$0	\$22,500	\$22,500	\$45,000
Hillsboro Beach Nourishment	\$49,812	\$31,428	\$90,526	\$171,766
Destin Beach Restoration	\$0	\$31,643	\$33,655	\$65,298
<b>TOTAL</b>	<b>\$49,812</b>	<b>\$3,763,267</b>	<b>\$5,378,500</b>	<b>\$9,191,580</b>

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Duval County Shore Protection Project

**LOCAL SPONSOR:** Duval County

**LOCAL CONTACT:** Thomas W. Heal, P.E.

**PHONE:** (904) 255-8749

**PROJECT DESCRIPTION:**

Nourishment of approximately 10.1 miles of Atlantic shoreline between DEP Monuments R31 - R80. Initial restoration of this federal project was completed between 1978 and 1980. Nourishments were constructed in 1985, 1987, 1991, 1995, 2003 and 2005. The last nourishment was completed in 2011. Design of the 2017 nourishment is beginning. Staff has determined that 94.41% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$250,000	\$31,159	\$34,841	\$316,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Anna Maria Island Coquina Beach Nourishment & Cortez Groins Replacement

**LOCAL SPONSOR:** Manatee County

**LOCAL CONTACT:** Charles Hunsicker

**PHONE:** (941) 745-3727

**PROJECT DESCRIPTION:**

Nourishment (R36 - R41.3) of approximately 1.4 miles of shoreline between DEP Monuments R34 - R41.3 along Coquina Beach and replacement of three groins in Cortez Beach (R34 – R36) in Manatee County. Restoration of the Coquina Beach segment (R36 – R41.3) and the City of Anna Maria segment (R7 – R10) was completed in 2011. The beach was impacted by Tropical Storm Debby in 2012 and FEMA funding is available for storm repairs in FY2013/2014. Reconstruction of the Cortez Groins is also scheduled for FY2013/14. Design continues for Longboat Pass jetty. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design (Coquina Beach and Longboat Pass Jetty), construction (Cortez Groin replacement and Coquina Beach Nourishment), and monitoring (Coquina Beach).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$631,000	\$2,007,250	\$2,007,250	\$4,645,500

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 initially constructed in 1971, with nourishment in 1980, 1999, 2003, 2004, 2005, 2007, 2009 and 2012. Emergency truck haul nourishment was conducted in 2011 from R34-R35, with federal nourishment following in 2012. Construction of the federal emergency nourishment was completed in 2013 and beach placement of the FCCE dredging of the inlet is planned for 2013/2014. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design (GRR and permit renewal).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$166,000	\$166,000	332,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Anna Maria Island - Manatee County Shore Protection Project

**LOCAL SPONSOR:** Manatee County

**LOCAL CONTACT:** Charles Hunsicker

**PHONE:** (941) 745-3727

**PROJECT DESCRIPTION:**

Nourishment of approximately 4.5 miles of shoreline between DEP Monuments R12 – R36 in Manatee County. The Central Beach 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. Federal nourishment is scheduled for FY2013/14 to repair damages sustained during Tropical Storm Debby. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design (Port Dolphin Beneficial Use Project), construction and monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$8,838,872	\$2,126,401	\$2,126,401	\$13,091,674



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Gasparilla Island - Lee County Shore Protection Project

**LOCAL SPONSOR:** Lee County

**LOCAL CONTACT:** Justin McBride

**PHONE:** (239) 533-8130

**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. Federal nourishment is scheduled for FY2013/14 to repair damages sustained during Tropical Storm Debby. Design efforts to complete the federal Limited Re-evaluation Report (LRR) are ongoing. Staff has determined that 89.58% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design of the federal project (LRR update).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$461,505	\$106,822	\$131,673	\$700,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Jupiter-Carlin Segment - Palm Beach County 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. A federal Section 934 Report is required for continued federal cost sharing and development of the report is ongoing. A dune restoration project was completed in January of 2013 under the EFO issued by the Department in response to Hurricane Sandy. Nourishment is scheduled for FY2013/14, including federal storm repairs for damages sustained during Hurricane Sandy. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction (reimbursement) and year one post construction monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$1,625,000	\$1,625,000	\$3,250,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** North Boca Raton Segment- Palm Beach County Shore Protection Project

**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 R205 - R212 in Palm Beach County. Restoration was completed in 1988 with nourishments in 1998 and 2010. The federal FCCE storm repair project is scheduled for FY2013/14. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design, construction and first year monitoring (additional sand placement for the FCCE project)

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$4,520,400	\$1,012,750	\$1,012,750	\$6,545,900

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 Beach Management Funding Assistance Program  
 FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Ocean Ridge Segment - Palm Beach County Shore Protection Project

**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 initially included beach restoration and construction of eight T-head groins in 1998. 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 was completed in 2011. A federal Limited Re-evaluation Report (LRR) is in development to authorize federal participation in future nourishments. Construction is scheduled for FY2013/14. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction and first year post construction monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$1,426,445	\$751,300	\$751,300	\$2,929,045

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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. Nourishment to address storm impacts occurred in 1997. Nourishment of the entire project area was completed in 2006. Construction of an adjustable groin designed to enhance the performance of a small portion of the project was completed in 2010. Emergency placement of sand on the North End was completed in 2011. An interim nourishment using sand from the Port Dolphin LNG pipeline corridor is scheduled for FY2013/14 to address three hotspot locations. Construction of two permeable groins for the stabilization of the North End of the island is also scheduled for FY2013/14. Nourishment of the entire project is scheduled for FY2015/16. Staff has determined that 45.58% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction (nourishment and North End structures) and first year monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$11,959,131	\$2,335,034	\$7,910,835	\$22,205,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Lido Key Beach Nourishment

**LOCAL SPONSOR:** City of Sarasota

**LOCAL CONTACT:** Alexandra 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. Subsequent hurricane recovery nourishment to repair damages sustained during Tropical Storm Debby is scheduled for FY2014/15. The federal nourishment is scheduled for FY2016/17. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction of the Tropical Storm Debby Emergency Repair Project.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$2,325,000	\$387,500	\$387,500	\$3,100,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

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

**LOCAL SPONSOR:** FDEP, Division of Recreation and Parks

**LOCAL CONTACT:** Sri Tamiseti, P.E.

**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 FY2014/15, in conjunction with rehabilitation of the breakwaters. Staff has determined that 100% of the project is eligible for state cost share.

**FUNDS WILL BE USED FOR:**

Design, construction and monitoring of the breakwater rehabilitation and nourishment.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$1,533,000	\$0	\$1,533,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 and monitoring is ongoing. Due to damages sustained from Tropical Storm Gustav during the restoration in 2008, the County is working with FEMA to construct a hurricane recovery project between DEP Monuments R74.8-R95.3. The first full nourishment, aside from the FEMA project, is scheduled for FY 2015/2016.

**FUNDS WILL BE USED FOR:**

Design (nourishment and sand source investigation).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$230,425	\$419,575	\$650,000



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Ft. Pierce Beach Emergency Truck Haul

**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 initially constructed in 1971, with nourishment in 1980, 1999, 2003, 2004, 2005, 2007, 2009 and 2012. Emergency truck haul nourishment was conducted in 2011 from R34-R35. Construction of the next federal nourishment is planned for 2014. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction (reimbursement for the 2011 emergency project).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$675,000	\$675,000	\$1,350,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 three segments along 6.0 miles of shoreline in Collier County. The segments consist of the following components: Vanderbilt Beach, approximately 1.5 miles between DEP Monuments R22 - R31; Park Shore, approximately 0.8 miles between DEP Monuments R50 - R54.4; and Naples, approximately 3.7 miles between DEP Monuments R58 – R79. Restoration was completed in 1996. Nourishment was completed in 2006. A truck haul nourishment was completed in 2013, which included FEMA storm recovery funds to address damages sustained during Tropical Storm Fay. Staff has determined eligibility for state cost sharing to be 48.46% for Vanderbilt Beach, 33.16% for Park Shore, and 95.02% for Naples.

**FUNDS WILL BE USED FOR:**

Construction (reimbursement) and monitoring (year one and reimbursement).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$6,400,000	\$1,621,672	\$3,408,328	\$11,430,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Beach Management Funding Assistance Program  
FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** South Amelia Island Beach Nourishment

**LOCAL SPONSOR:** South Amelia Island Shore Stabilization Association & FDEP (Div. of Rec. & Parks)

**LOCAL CONTACT:** Bill Moore & Sri Tammisetti      **PHONE:** (904) 277-5103 & (850) 245-3104

**PROJECT DESCRIPTION:**

Nourishment of approximately 3.4 miles of shoreline between DEP Monuments R60 – R79 in Nassau County. Restoration was completed in 1994 with subsequent placement of sand dredged from the Atlantic Intracoastal Waterway following in 1997 and 2001. Nourishment was completed in 2002 with cost sharing between the South Amelia Island Shore Stabilization Association (SAISSA) and FDEP's Division of Recreation and Parks. Construction of a terminal groin and breakwater was completed in 2005. Nourishment was completed again in 2011. Staff has determined that 78.41% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design, construction and post construction monitoring (reimbursement for the 2011 nourishment).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$4,127,584	\$6,399,281	\$10,526,865

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 8.1 miles of shoreline between DEP Monuments R107 - R151 in Escambia County. The project was first restored in 2003 and, with the assistance of FEMA, nourished in 2005/06, following storm impacts. The current project consists of construction of a FEMA storm recovery nourishment to repair damages sustained during Tropical Storm Gustav. Construction is scheduled for FY2014/15 (Spring 2015). Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design, construction and monitoring (reimbursement and year one post construction).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$8,532,302	\$8,532,302	\$17,064,604

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Delray Segment- Palm Beach County Shore Protection Project

**LOCAL SPONSOR:** City of Delray Beach

**LOCAL CONTACT:** Leanne Welch

**PHONE:** (561) 233-2434

**PROJECT DESCRIPTION:**

Nourishment of 2.7 miles of shoreline between DEP Monuments R175 – R188 in Palm Beach County. The federal project was initially constructed in 1973 with nourishment in 1978, 1984, 1992, 2002, 2005 and 2013. A federal storm repair project is scheduled for FY2013/14. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction (FCCE storm repair project) and monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$2,595,317	\$1,006,016	\$1,006,016	\$4,607,349

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Jupiter Island Beach Nourishment

**LOCAL SPONSOR:** Town of Jupiter Island

**LOCAL CONTACT:** John Duchock

**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. Nourishments are completed on a 3-4 year cycle. The last nourishment was conducted in 2012, using FEMA storm recovery funds to repair storm-related damages. Sand search investigations are ongoing for the next nourishment. Staff has determined that 26.38% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design (reimbursement for permitting and sand search), construction (reimbursement) and monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$2,215,000	\$1,380,993	\$9,089,007	\$12,685,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 (critically eroded section) in Indian River County (Sector 3). Phase I construction was completed in 2010. Phase II construction was initiated in 2011 and completed in 2012. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction (reimbursement for the restoration).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$5,650,000	\$5,650,000	\$11,300,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Bathtub Beach/Sailfish Point

**LOCAL SPONSOR:** Martin County

**LOCAL CONTACT:** Kathy FitzPatrick

**PHONE:** (772) 288-5429

**PROJECT DESCRIPTION:**

Nourishment of 2,950 feet of Atlantic shoreline between DEP Monuments R34.8 - R37.6 in Martin County. Dune restoration was completed in 2010 for Bathtub Beach and Sailfish Point separately, using material from the St. Lucie Inlet flood shoal. Emergency dune nourishment using upland sand sources has been conducted periodically since the restoration following storm impacts. A design analysis is proposed to determine the sustainability of combining the two segments and altering the design template. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$18,000	\$125,000	\$125,000	\$250,000



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** South Marco Island Beach Nourishment

**LOCAL SPONSOR:** Collier County

**LOCAL CONTACT:** Gary McAlpin

**PHONE:** (239) 252-5342

**PROJECT DESCRIPTION:**

Nourishment of 1.06 miles of shoreline between DEP Monuments R143-G4 in Collier County. Restoration was completed in 1997 and nourishment was completed in 2007. Nourishment was completed in 2013 included FEMA storm recovery funds for damage sustained during Tropical Storm Fay. Staff has determined that 41.76% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction (reimbursement for nourishment and structures) and monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$687,345	\$233,254	\$883,861	\$1,804,460

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Segment II - Broward County Shore Protection Project

**LOCAL SPONSOR:** Broward County

**LOCAL CONTACT:** Eric Myers

**PHONE:** (954) 519-1231

**PROJECT DESCRIPTION:**

Restoration and nourishment of Atlantic shoreline in Broward County, Florida between Hillsboro Inlet and Port Everglades (i.e., Segment II). The project consists of approximately 1.38 miles of beach nourishment between DEP Monuments R36-R41.3 and R51-R53 and 3.56 miles of initial beach restoration between DEP Monuments R53 and R72 in Fort Lauderdale. A portion of the Segment II shoreline, R-32 to R-49, was originally restored in 1970. This portion of the project was nourished in 1983 and the initial restoration was expanded to R-26 to the north and to R-53 to the south. The proposed project will be the first nourishment of the previously constructed areas of the Segment II shoreline since 1983. The proposed project will include sand placement and hardbottom mitigation construction. Staff has determined that 88.3% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction, mitigation and monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$5,637,500	\$2,036,419	\$2,576,081	\$10,250,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 - 500 feet east of R213.5 in Santa Rosa County. The restoration was completed in 2006. A small truck haul hot spot nourishment was completed in April 2010 from R192 - R194 to repair damages sustained in 2008. Federal funds for the 2010 truck haul listed below include FEMA and Florida DEM 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 WILL BE USED FOR:**

Design, construction and first year monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$1,760,000	\$4,854,857	\$5,211,196	\$11,826,053

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Long Key/ Upham Beach Erosion Control Structures

**LOCAL SPONSOR:** Pinellas County

**LOCAL CONTACT:** Andrew Squires

**PHONE:** (727) 464-4633

**PROJECT DESCRIPTION:**

Design and construction of permanent rock structures to stabilize approximately 3,788 feet of shoreline located at Upham Beach at the north end of Long Key between DEP Monuments R144 - R146 in Pinellas County. The federal project was initially constructed in 1980 with nourishment occurring on a four-year cycle. Five geotextile groins were installed to improve the nourishment interval to six years. Construction of the nourishment project and interim repair of damaged geotextile groins was completed in 2011. A federal feasibility study to determine the amount of federal participation in the construction of permanent structures is scheduled for FY2014/15. The Department issued a Joint Coastal Permit for the construction of the permanent structures on October 30, 2012. Staff has determined that 100% of the project area is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design (permanent rock structures), construction (permanent rock structures and reimbursement for geotube repairs) and year one monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$4,484,000	\$4,484,000	\$8,968,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Bonita Beach Nourishment

**LOCAL SPONSOR:** Lee County

**LOCAL CONTACT:** Justin McBride

**PHONE:** (239) 533-8130

**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 FY2013/14. Staff has determined that 67.81% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design, construction (reimbursement) and monitoring (year one reimbursement).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$582,574	\$1,135,426	\$1,718,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 3.4 miles of shoreline between DEP Monuments R98 - R115 in St. Lucie County. In 2004, a federal feasibility study was initiated. The project was restored as a non-federal project in 2013. Staff has determined that 86.97% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction (reimbursement for cost overruns for the 2013 restoration).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$38,271	\$49,729	\$88,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Charlotte County (Knight /Don Pedro Islands) Beach Nourishment

**LOCAL SPONSOR:** Charlotte County

**LOCAL CONTACT:** Dan Quick

**PHONE:** (941) 575-3603

**PROJECT DESCRIPTION:**

Nourishment of approximately 2.1 miles of shoreline between DEP Monuments R28 - R39 in Charlotte County. Restoration was completed in 2003. The first nourishment was completed in 2006. Nourishment was completed again in 2011, using FEMA funds received to repair damages sustained during Tropical Storm Fay. A feasibility study for the stabilization of the south end of Manasota Key/Stump Pass Beach State Park is ongoing, along with design for the nourishment in FY2015/2016. Staff has determined that 89.92% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Feasibility Study (terminal groin at south end of Manasota Key), design (sand search and nourishment), construction (reimbursement of 2011 project) and monitoring (reimbursement and ongoing).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$2,348,332	\$1,041,759	\$1,275,320	\$4,665,411

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Mid-Town Beach Nourishment

**LOCAL SPONSOR:** Town of Palm Beach

**LOCAL CONTACT:** Robert Weber

**PHONE:** (561) 383-5440

**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. Partial nourishment is scheduled for FY2013/14. The project is estimated to be 92% eligible for state cost sharing (subject to verification).

**FUNDS WILL BE USED FOR:**

Construction and first year monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$5,531,960	\$6,494,040	\$12,026,000



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 2.1 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. Staff has determined that 75.74% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design, construction and year one monitoring of the nourishment.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$2,963,327	\$4,861,673	\$7,825,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Marathon Beaches Emergency Repair

**LOCAL SPONSOR:** City of Marathon

**LOCAL CONTACT:** Debra London

**PHONE:** (305) 289-4103

**PROJECT DESCRIPTION:**

Nourishment of a 0.3 mile segment of Coco Plum Beach and a 0.3 mile segment of Sombrero Beach in the City of Marathon in Monroe County. Following damages sustained during Hurricanes Rita and Wilma (2005), a dune restoration project was completed for Coco Plum Beach in 2006 using approximately 4,100 cubic yards of sand. A beach management plan was developed for both beaches in 2008 using hurricane recovery funds to assist in documenting future storm damages. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction (reimbursement) for a FEMA repair project, exotic plant removal and first year monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$156,896	\$20,000	\$20,000	\$196,896

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 FY2013/14 to be constructed along with the federal North Boca Raton FCCE storm repair project. Staff has determined that 83.18% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design (reimbursement), construction, and first year monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$3,887,916	\$5,460,284	\$9,348,200

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Hallandale Beach Nourishment

**LOCAL SPONSOR:** City of Hallandale Beach

**LOCAL CONTACT:** Steven Parkinson

**PHONE:** (954) 457-1669

**PROJECT DESCRIPTION:**

Nourishment of approximately 0.82 miles of critically eroded shoreline between DEP Monuments 310 feet north of R124 to R128 within the City of Hallandale Beach in Broward County, Florida. The federal project was restored in 1971 and nourished in 1979, 1991 and 2006. Construction of a hot spot nourishment by the City is scheduled for fall 2015. Staff has determined that 98% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design (preconstruction biological monitoring).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$367,537	\$382,538	\$750,074

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Phipps Ocean Park Beach Nourishment

**LOCAL SPONSOR:** Town of Palm Beach

**LOCAL CONTACT:** Robert 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 2011 to compensate for damages sustained during Tropical Storm Fay. Nourishment is scheduled for FY2014/15. An expansion of the project limits is proposed which will change the project eligibility. Staff has estimated that 78% of the project was eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction and first year monitoring.

Federal	State	Local	Total
\$0	\$812,370	\$1,270,630	\$2,083,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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. A second nourishment (truck haul) was completed in 2012. Staff has determined that 98% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Reimbursement for design, construction and post-construction monitoring for the 2012 nourishment.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$1,075,794	\$1,075,794	\$2,151,588

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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, Florida. Beach and dune restoration is proposed for the 3.0-mile beach segment between R19 and R34, protective berm construction is proposed from R12.5 to R19 and dune restoration is proposed for 2.4 miles between R01 to R12.5. Construction is scheduled for spring 2015. Staff has determined that 51.7% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction of the restoration project and first year monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$5,822,445	\$10,465,855	\$16,288,300

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 Beach Management Funding Assistance Program  
 FY 2014/2015 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 1.14 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, as a result of damage sustained during the 2004/05 storm seasons. Design of the FY2015-16 truck haul nourishment is proposed to mitigate the erosional effects of Tropical Storm Sandy. Staff has determined that 51.54% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$71,151	\$204,949	\$276,100



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Beach Management Funding Assistance Program  
FY 2014/2015 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 maintenance dredging of the Boca Raton Inlet conducted annually by the City's dredge. Nourishment is scheduled for FY2013/14, using material from the Boca Raton Inlet ebb shoal. Staff has determined that 97.8% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design, construction (reimbursement) and year one monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$1,385,190	\$1,447,510	\$2,832,700

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Mid Reach - Brevard County Shore Protection Project

**LOCAL SPONSOR:** Brevard County

**LOCAL CONTACT:** Mike McGarry

**PHONE:** (321) 633-2016 ext. 52696

**PROJECT DESCRIPTION:**

Restoration of approximately 7.7 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. Design of the federal project is ongoing. Dune nourishment has been conducted as an interim measure in 2005, 2006, 2008, and 2009. Dune nourishment to repair damages sustained during Hurricane Sandy are ongoing. Staff has determined that 81.06% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design (erosion control line and pre-construction monitoring).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$28,360	\$41,613	\$69,973

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** South Palm Beach Island Beach Restoration Project

**LOCAL SPONSOR:** Palm Beach County

**LOCAL CONTACT:** Leanne Welch

**PHONE:** (561) 233-2434

**PROJECT DESCRIPTION:**

Feasibility analysis and design of beach restoration project along 2.06 miles of critically eroded beach between R-128+860 to R-138+400 in Palm Beach County. A 2004 special session of the Florida Legislature designated emergency funding in conjunction with FEMA funds for a feasibility study in the southern portion of the project south of the Town of Palm Beach. Dune maintenance projects were conducted in 2007 and 2009. The project was expanded from the original South Palm Beach project area described in the Strategic Beach Management Plan. Several alternatives have been explored including the use of breakwaters. An Environmental Impact Statement is in progress in order to construct a future erosion control alternative. Eligibility has not yet been determined for this project, since it is in the feasibility phase.

**FUNDS WILL BE USED FOR:**

Feasibility study (Environmental Impact Study).

Federal	State	Local	Total
\$0	\$118,703	\$522,845	\$641,548

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Coral Cove Park Dune Nourishment

**LOCAL SPONSOR:** Palm Beach County

**LOCAL CONTACT:** Leanne Welch

**PHONE:** (561) 233-2434

**PROJECT DESCRIPTION:**

Nourishment of the dune between DEP reference monuments R5-R7.6 in Palm Beach County. The initial dune restoration was completed in 1993 using sand from an upland source. A 2004 special session of the Florida Legislature designated emergency funding in combination with FEMA funds for a dune maintenance project. Funding was provided in H5PB1 at 90% state cost share. The project required no additional maintenance until significant erosion occurred in the winter of 2011/12. A dune repair project was completed in 2012/13 to address storm impacts from Hurricane Sandy. A subsequent nourishment to fill the dune template is scheduled for FY2014/2015. Staff has determined the project is 100% eligible for cost sharing.

**FUNDS WILL BE USED FOR:**

Construction and first year post construction monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$470,000	\$470,000	\$940,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Curry Hammock State Park

**LOCAL SPONSOR:** Florida State Parks

**LOCAL CONTACT:** Sri Tamisetti, P.E.

**PHONE:** (850) 245-3110

**PROJECT DESCRIPTION:**

Restoration of a 0.1 mile segment of critically eroded beach at Curry Hammock State Park on Long Point Key in Monroe County. In 2005, a feasibility study was completed to investigate potential sand sources for state parks in the Keys, to respond to damages sustained during Hurricanes Rita and Wilma. The restoration project was conducted in 2008 with nourishment in 2011. Designs for a more comprehensive program are being developed by the Division of Recreation and Parks to address erosion caused by Tropical Storm Debby.

**FUNDS WILL BE USED FOR:**

Feasibility study.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$75,000	\$0	\$75,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Vero Beach Restoration

**LOCAL SPONSOR:** Indian River County

**LOCAL CONTACT:** James Gray

**PHONE:** (772) 226-1344

**PROJECT DESCRIPTION:**

This project consists of the restoration of 14,212 feet (2.7 miles) of shoreline. The current plan calls for further beach condition monitoring and a beach project feasibility analysis. Due to the extensive hardbottom in close proximity to the shoreline, the average unit fill volume is anticipated to be 15 cubic yards per shoreline foot. The project area extends from R-72-R-86.

**FUNDS WILL BE USED FOR:**

Feasibility (Environmental Impact Statement).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$50,000	\$50,000	\$100,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Beach Management Funding Assistance Program  
FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Regional Monitoring

**LOCAL SPONSOR:** FDEP

**LOCAL CONTACT:** Gene Chalecki

**PHONE:** (850) 488-7813

**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 WILL BE USED FOR:**

Funds will be used for the collection and processing of aerial photography of the Southwest region from Pinellas to Collier County.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$250,000	\$0	\$250,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 authorized and 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. The locally funded bypassing of sand trap dredge material was initiated in 2011. Completion of the maintenance dredging of the South Jetty Sediment Trap occurred in 2011. All bypass material is placed between R1 - R14 south of the inlet. Permitting of the next bypassing event and updates to the IMP are ongoing. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Feasibility (update of the IMP) and Design (permit renewal and coordination).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$380,000	\$100,500	\$33,500	\$514,000



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Lake Worth Inlet IMP Implementation - Federal Bypassing

**LOCAL SPONSOR:** Town of Palm Beach

**LOCAL CONTACT:** Robert 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.
- Perform a study to implement changes with the L-groin to improve sand movement into the sand transfer plant (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 authorized and 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 construction is scheduled for FY2014/2015 and will include installation of a booster pump and extension of the discharge pipe. Mitigation will be required for extension of the discharge pipe. Federal bypassing scheduled for FY2012-2013 will be conducted by the USACE with beach placement of compatible material. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Funds will be used for marine turtle monitoring for the federal bypassing project.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$54,000	\$18,000	\$72,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** St. Lucie Inlet 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. The last sand bypassing event was completed in 2012. Federal funds were appropriated to dredge the navigation channel to remove material placed during Hurricane Sandy and construction is planned for FY2013/14. Dredging of the sand trap as a local option is planned in coordination with the USACE project. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction of FY2013/2014 bypassing event (reimbursement) and monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$6,465,600	\$4,781,250	\$1,593,750	\$12,840,600

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** East Pass IMP Implementation\*\*

**LOCAL SPONSOR:** City of Destin

**LOCAL CONTACT:** Lindey Chabot

**PHONE:** (850) 837-4242

**PROJECT DESCRIPTION:**

The Department adopted a revised Inlet Management Plan in 2013. One of the implementation strategies of the plan is the stabilization of Norriego Point to reduce the maintenance dredging requirements within the navigation channel. Stabilizing Norriego Point will also reduce the future emergency fill requirements, allowing the U.S. Army Corps of Engineers (USACE) to place a greater volume of material from channel maintenance dredging events onto adjacent beaches.

**FUNDS WILL BE USED FOR:**

Nourishment of Norriego Point and construction of the northwest seawall and rock revetment.

\*\*Program funding may not be necessary for the project, which has been identified to receive Natural Resource Damage Assessment (NRDA) funding through the BP Oil Spill recovery efforts. However, until funding is secured, the request will be considered for inclusion in the LGFR.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$3,768,750	\$1,256,250	\$5,025,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** St. Andrews IMP Implementation

**LOCAL SPONSOR:** FDEP, Division of Recreation and Parks

**LOCAL CONTACT:** Sri Tammisetti, P.E.

**PHONE:** (850) 245-3110

**PROJECT DESCRIPTION:**

Stabilization of the inlet shoreline along the western side of St. Andrews Inlet in Bay County, Florida. Construction will include four offshore breakwaters designed to provide protection for the environmentally sensitive and biologically diverse Gator Lake in St. Andrews State Park while increasing the volume of sand being bypassed to the downdrift beaches of Panama City Beach (Bay County Shore Protection Project). Staff has determined that 100% of the project is eligible for state funding.

**FUNDS WILL BE USED FOR:**

Design, construction and first year monitoring of four (4) breakwaters.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$2,220,000	\$20,000	\$2,240,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** South Lake Worth Inlet IMP Implementation

**LOCAL SPONSOR:** Palm Beach County

**LOCAL CONTACT:** Leanne Welch

**PHONE:** (561) 233-2434

**PROJECT DESCRIPTION:**

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 repaired. Reconstruction and remodeling of the sand transfer plant was completed in 2011. Dredging and expansion of the sand trap is ongoing and construction is scheduled to be complete in 2013. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Construction (seagrass mitigation) and monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$536,250	\$178,750	\$715,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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:**

A sand trap was constructed in 1972 to hold approximately 200,000 cubic yards of material. A dredge materials management area (DMMA) was designed and constructed in 2011 to 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 (Ambersand) in Indian River County. Phase I of the sand trap bypassing was completed in 2012 and Phase II, including an expansion of the sand trap, is planned for 2013. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$153,000	\$51,000	\$204,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Longboat Pass IMP Implementation

**LOCAL SPONSOR:**

West Coast Inland Navigation District, Manatee County and the Town of Longboat Key

**LOCAL CONTACT:**

Chuck Listowski, West Coast Inland Navigation District  
 Charles Hunsicker, Manatee County  
 Juan Florensa, Town of Longboat Key

**PHONE:**

(941) 485-9402  
 (941) 745-3727  
 (941) 316-1988

**PROJECT DESCRIPTION:**

Inlet Management Plans for Longboat Pass, in Manatee County, were completed in 2008 and 2011. Design of a sand trap with bypassing is nearing completion and construction is scheduled for FY2014/15. Design for the navigation channel dredging and bypassing is ongoing. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Feasibility (2011 IMP reimbursement), design (sand trap and navigation channel bypassing), and construction with year one monitoring (sand trap).

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$1,374,866	\$458,289	\$1,833,154

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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 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 using the city-owned dredge. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Design (permit), construction (bypassing), and monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$395,700	\$131,900	\$527,600



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Venice Inlet 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 bypass material to the adjacent eroding shoreline between DEP Monuments R115.5 - R117 in Sarasota County.

**FUNDS WILL BE USED FOR:**

Construction with year one monitoring.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	337,500	\$112,500	\$450,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 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. Ft. Pierce Inlet is a federally maintained inlet. A feasibility study has been completed and design of the sand trap was initiated. Further study is proposed for a sediment tracer study and alternative bypassing methods. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS WILL BE USED FOR:**

Feasibility.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$450,00	\$150,000	\$600,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2014/2015 Local Government Funding Requests**

**NAME OF PROJECT:** Southwest Gulf Coast Regional Inlet Study

**LOCAL SPONSOR:** West Coast Inland Navigation District

**LOCAL CONTACT:** Chuck Listowski

**PHONE:** (941) 485-9402

**PROJECT DESCRIPTION:**

Regional feasibility study for evaluating the potential for establishment of flood shoal sand traps to transfer sand from the flood-tidal delta within the flood shoal region of thirteen inlets in Manatee, Sarasota, Charlotte and Lee counties.

**FUNDS WILL BE USED FOR:**

Feasibility: Funds requested for FY 2014-15 will be used for completing an evaluation at each inlet including a brief literature search, and if warranted, cursory field work for environmental and sediment data collection and analysis.

<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Total</b>
\$0	\$187,500	\$62,500	\$250,000