

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**Division of Water Resource Management**

**Bureau of Beaches and Coastal Systems**

**Beach Management Funding Assistance Program**

January 11, 2007

**Fixed Capital Outlay  
Local Government Funding Requests  
For  
FY 2007/2008**



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Requests**

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**INTRODUCTION**

Pursuant to Sections 161.091, 161.101 and 161.161, Florida Statutes, the Department is charged with developing and implementing a comprehensive, long-range statewide beach management plan. In fulfilling that responsibility, the Department has developed, in coordination with local governmental entities and the United States Army Corps of Engineers (USACE), a long-range budget plan and a prioritized list of specific beach erosion control projects for FY 2007/2008. The funding requests for FY 2007/2008 total approximately \$48 million. The attached list is based primarily on information provided by local governmental entities, also referred to as "local sponsors," and includes certain activities to be implemented directly by the Department.

The requests for state funding for FY 2007/2008 exceed the program's anticipated funding capabilities. Therefore, the prioritized listing is grouped into those projects within the annual \$30,000,000 funding projection, defined as "priority projects," and eligible projects which exceed the funding threshold, defined as "alternate projects." Upon receipt of the FY 2007/2008 legislative appropriation, the Department will develop an agreement with the local sponsor for each of the priority projects in the amount shown on the priority list. In the event the local government indicates that funds to be used for a priority project cannot be utilized or obligated during FY 2007/2008, the Department may reallocate all or portions of said funds to other projects on the priority or alternate project list. Projects will receive funding in priority order until state funding has been exhausted, beginning with priority projects that can demonstrate the need for additional funds.

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**PRIORITY PROJECTS LIST**

<b>PROJECT</b>	<b>SPONSOR</b>	<b>FEDERAL</b>	<b>STATE</b>	<b>LOCAL</b>	<b>TOTAL</b>	<b>Cumulative State</b>
Post Construction Monitoring*	Numerous Local Sponsors	\$665,483	\$3,400,458	\$4,837,843	\$8,903,784	\$3,400,458
Statewide Beach Management Project Support	FDEP	\$0,000	\$2,415,000	\$0,000	\$2,415,000	\$5,815,458
Broward County Beach Nourishment	Broward County	\$3,931,200	\$1,198,980	\$1,869,820	\$7,000,000	\$7,014,438
Dade County Beach Nourishment	Dade County	\$2,805,106	\$2,493,400	\$2,811,706	\$8,110,212	\$9,507,838
Estero Island Beach Restoration	Lee County	\$3,413,537	\$1,480,710	\$1,757,229	\$6,651,476	\$10,988,548
Hutchinson Island Beach Nourishment	Martin County	\$931,800	\$803,470	\$964,730	\$2,700,000	\$11,792,018
St. Lucie IMP Implementation	Martin County	\$2,625,000	\$475,000	\$475,000	\$3,575,000	\$12,267,018
Ft. Pierce Beach Nourishment	St. Lucie County	\$7,000,000	\$1,190,000	\$1,190,000	\$9,380,000	\$13,457,018
Gasparilla Island Beach Restoration	Lee County	\$0,000	\$604,425	\$895,575	\$1,500,000	\$14,061,443
St. Joseph Peninsula Beach Restoration	Gulf County	\$0,000	\$4,360,131	\$10,439,869	\$14,800,000	\$18,421,574
Ocean Ridge Beach Nourishment	Palm Beach County	\$0,000	\$1,000,000	\$1,000,000	\$2,000,000	\$19,421,574
New Projects - Feasibility/Design	Numerous Local Sponsors	\$320,000	\$1,447,850	\$1,262,150	\$3,030,000	\$20,869,424

\* Environmental and physical monitoring required by state and federal permits. A total of 38 previously constructed projects require monitoring activities for FY 2007-08. Some of the projects include:

**Broward County, Dade County, Brevard County, Hutchinson Island, Palm Beach County, St. Lucie Inlet, Fort Pierce, Pensacola Beach, Longboat Key Beach, Ambersand Beach, North Boca Raton and South Siesta Key.**

A complete project listing can be found on pages 6 & 7.

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**PRIORITY PROJECTS LIST (cont.)**

<b>PROJECT</b>	<b>SPONSOR</b>	<b>FEDERAL</b>	<b>STATE</b>	<b>LOCAL</b>	<b>TOTAL</b>	<b>Cumulative State</b>
North Boca Raton Beach Nourishment	City of Boca Raton	\$1,425,816	\$460,800	\$460,800	\$2,347,416	\$21,330,224
Sebastian IMP Implementation	Sebastian Inlet Tax District	\$0,000	\$550,000	\$550,000	\$1,100,000	\$21,880,224
Blind Pass Eco-zone Restoration & Bypassing	Lee County	\$0,000	\$465,750	\$1,034,250	\$1,500,000	\$22,345,974
Regional Monitoring	FDEP	\$0,000	\$750,000	\$0,000	\$750,000	\$23,095,974
Regional Sand Search	FDEP	\$0,000	\$200,000	\$0,000	\$200,000	\$23,295,974
St. Andrews IMP Implementation	FDEP, Division of Recreation and Parks	\$0,000	\$841,210	\$0,000	\$841,210	\$24,137,184
Juno Beach Nourishment	Palm Beach County	\$1,906,000	\$5,047,000	\$5,047,000	\$12,000,000	\$29,184,184
Alligator Point Beach Restoration	Franklin County	\$0,000	\$1,382,004	\$4,355,891	\$5,737,895	\$30,566,188
<b>TOTAL PRIORITY PROJECTS LIST</b>		<b>\$25,023,942</b>	<b>\$30,566,188</b>	<b>\$38,951,863</b>	<b>\$94,541,993</b>	<b>\$30,566,188</b>

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**ALTERNATE PROJECTS LIST**

<b>PROJECT</b>	<b>SPONSOR</b>	<b>FEDERAL</b>	<b>STATE</b>	<b>LOCAL</b>	<b>TOTAL</b>	<b>Cumulative State</b>
Phipps Beach Restoration, Reach 7	Town of Palm Beach	\$0,000	\$410,755	\$662,834	\$1,073,589	\$30,976,943
Ponce de Leon IMP Implementation	Ponce de Leon Port Authority	\$3,605,890	\$1,798,075	\$1,798,075	\$7,202,040	\$32,775,018
New Smyrna/Bethune Beach Restoration	Volusia County	\$0,000	\$2,442,400	\$4,584,067	\$7,026,467	\$35,217,418
Ft. Island Park Beach Nourishment	Citrus County	\$0,000	\$35,000	\$35,000	\$70,000	\$35,252,418
Perdido Key Beach Restoration	Escambia County	\$0,000	\$1,791,800	\$12,658,200	\$14,450,000	\$37,044,218
Singer Island Shore Protection	Palm Beach County	\$0,000	\$4,000,000	\$6,000,000	\$10,000,000	\$41,044,218
Key West Beaches Nourishment	City of Key West	\$0,000	\$462,500	\$462,500	\$925,000	\$41,506,718
Inlet Sand Transfer/ Demonstration Projects	USACE/FDEP/Local Sponsors	\$0,000	\$300,000	\$0,000	\$300,000	\$41,806,718
South Boca Raton Beach Nourishment	City of Boca Raton	\$0,000	\$1,598,480	\$1,670,395	\$3,268,875	\$43,405,198
South End Palm Beach Restoration, Reach 8	Town of Palm Beach	\$0,000	\$1,884,886	\$10,581,292	\$12,466,178	\$45,290,084
South St. Lucie County Beach Restoration	St. Lucie County	\$0,000	\$432,600	\$3,567,400	\$4,000,000	\$45,722,684
Mexico Beach IMP Implementation	City of Mexico Beach	\$0,000	\$220,000	\$220,000	\$440,000	\$45,942,684
Avalon State Park Dune Restoration	FDEP, Division of Recreation and Parks	\$0,000	\$1,660,000	\$0,000	\$1,660,000	\$47,602,684

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**ALTERNATE PROJECTS LIST (cont.)**

PROJECT	SPONSOR	FEDERAL	STATE	LOCAL	TOTAL	Cumulative State
TOTAL ALTERNATE PROJECTS LIST		\$3,605,890	\$17,036,496	\$42,239,763	\$62,882,149	\$17,036,496
TOTAL PROJECTS LIST (PRIORITY AND ALTERNATE LIST)		\$28,629,832	\$47,602,684	\$81,191,626	\$157,424,142	\$47,602,684

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**NAME OF PROJECT:** Post Construction Monitoring

**LOCAL SPONSOR:** Numerous Local Sponsors

**PROJECT DESCRIPTION:**

This funding category serves to provide continued funding for monitoring activities associated with a previously funded and constructed project. Eligible program activities to be funded include physical and biological monitoring required by permit.

**FUNDS REQUESTED:**

Funds will be used to support the following projects identified in priority order. Should all funds not be needed they will be allocated to other projects.

<b>PROJECT</b>	<b>FEDERAL</b>	<b>STATE</b>	<b>LOCAL</b>	<b>TOTAL</b>
Broward County Beach Nourishment	\$561,600	\$171,283	\$267,117	\$1,000,000
Dade County Beach Nourishment	\$0	\$175,000	\$175,000	\$350,000
Port Canaveral IMP Implementation	\$0	\$90,000	\$90,000	\$180,000
Treasure Island Beach Nourishment	\$18,000	\$6,000	\$6,000	\$30,000
Brevard County Beach Nourishment	\$0	\$249,634	\$274,366	\$524,000
Estero Island Beach Restoration	\$0	\$18,292	\$21,708	\$40,000
Anna Maria Island Beach Nourishment	\$0	\$145,933	\$145,933	\$291,866
Hutchinson Island Beach Nourishment	\$0	\$113,600	\$136,400	\$250,000
Palm Beach County Monitoring	\$0	\$50,000	\$50,000	\$100,000
St. Lucie IMP Implementation	\$0	\$200,000	\$200,000	\$400,000
Ft. Pierce Beach Nourishment	\$0	\$135,000	\$135,000	\$270,000
Gasparilla Island Beach Restoration	\$0	\$20,148	\$29,853	\$50,001
Delray Beach Nourishment	\$40,883	\$15,851	\$15,851	\$72,585
Pensacola Beach Nourishment	\$0	\$92,000	\$92,000	\$184,000
Destin/Walton Beach Restoration (Walton Co.)	\$0	\$89,438	\$200,562	\$290,000
Longboat Key Beach Nourishment	\$0	\$51,743	\$243,758	\$295,501
Venice Beach Nourishment	\$45,000	\$45,475	\$51,611	\$142,086
St. Joseph Peninsula Beach Restoration	\$0	\$29,055	\$120,945	\$150,000
St. Johns County Beach Nourishment	\$0	\$50,000	\$50,000	\$100,000
North Boca Raton Beach Nourishment	\$0	\$100,000	\$100,000	\$200,000
Sebastian IMP Implementation	\$0	\$50,000	\$50,000	\$100,000
Blind Pass Eco-zone Restoration & Bypassing	\$0	\$11,411	\$25,339	\$36,750
Collier County Beach Nourishment	\$0	\$79,078	\$435,922	\$515,000
Ambersand Beach Nourishment	\$0	\$350,000	\$350,000	\$700,000
Nassau County Beach Restoration	\$0	\$4,522	\$5,478	\$10,000
Lovers Key Beach Restoration	\$0	\$15,000	\$15,000	\$30,000
St. Andrews IMP Implementation	\$0	\$125,000	\$0	\$125,000
Alligator Point Beach Restoration	\$0	\$17,525	\$32,475	\$50,000
St. Marys Inlet Sand Transfer	\$0	\$38,400	\$0	\$38,400
Town of Palm Beach Monitoring	\$0	\$435,647	\$726,078	\$1,161,725
South Siesta Key Beach Restoration	\$0	\$47,338	\$77,662	\$125,000
Honeymoon Island Beach Restoration	\$0	\$60,000	\$0	\$60,000
New Smyrna/Bethune Beach Restoration	\$0	\$100,000	\$100,000	\$200,000

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**NAME OF PROJECT:** Post Construction Monitoring (cont.)

<b><u>PROJECT</u></b>	<b><u>FEDERAL</u></b>	<b><u>STATE</u></b>	<b><u>LOCAL</u></b>	<b><u>TOTAL</u></b>
Ft. Desoto Beach Nourishment	\$0	\$5,000	\$5,000	\$10,000
Key West Beaches Nourishment	\$0	\$33,435	\$33,435	\$66,870
South Boca Raton Beach Nourishment	\$0	\$85,575	\$89,425	\$175,000
Glass Beach Demonstration	\$0	\$20,000	\$20,000	\$40,000
South St. Lucie County Beach Restoration	\$0	\$54,075	\$445,925	\$500,000
Mexico Beach IMP Implementation	\$0	\$20,000	\$20,000	\$40,000
	<b><u>FEDERAL</u></b>	<b><u>STATE</u></b>	<b><u>LOCAL</u></b>	<b><u>TOTAL</u></b>
	\$665,483	\$3,400,458	\$4,837,843	\$8,903,784

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**NAME OF PROJECT:** Statewide Beach Management Project Support

**LOCAL SPONSOR:** FDEP

**LOCAL CONTACT:** Paden E. Woodruff

**PHONE:** (850) 922-7703

**PROJECT DESCRIPTION:**

Pursuant to Sections 161.091 and 161.101, Florida Statutes, the Department has the responsibility of implementing the state's comprehensive beach and inlet management program. The program requires the Department to develop and implement long-term solutions for the restoration and maintenance of critically eroded beaches. The Governor's Executive Order 05-178 established the Coastal High Hazard Study Committee to study and formulate recommendations for managing growth in Coastal High Hazard Areas. As a result of the impacts of the 2004 and 2005 hurricane seasons, the Committee's findings recommended a review of the location of the Coastal Construction Control Line throughout the Florida Panhandle.

**FUNDS REQUESTED:**

Funds will be used for contractual technical support services necessary to assist the staff in developing and managing contracts, and to ensure that they are executed in a cost efficient manner. Investigations of long-term solutions are conducted by staff with the assistance of consultants. The Beaches and Shores Resource Center provides Bureau support for the following activities: shoreline monitoring, database development and management, shoreline change rate analysis, coastal storm impact analysis, and special beach management and engineering studies. Funds will also be used to study the reestablishment of the Coastal Construction Control Line in Okaloosa and Walton Counties. In the event that funds are not fully utilized for the identified projects, funds may be reallocated for other appropriate beach management activities of regional or statewide significance.

Technical Support Services	\$350,000
Beaches and Shores Resource Center	\$625,000
Ongoing Staff Support	\$1,200,000
Coastal Construction Control Line Restudy	\$240,000

**FEDERAL** \$0

**STATE** \$2,415,000

**LOCAL** \$0

**TOTAL** \$2,415,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**NAME OF PROJECT:** Broward County Beach Nourishment

**LOCAL SPONSOR:** Broward County

**LOCAL CONTACT:** Stephen Higgins

**PHONE:** (954) 519-1265

**PROJECT DESCRIPTION:**

Nourishment of approximately 11.8 miles of critically eroded Atlantic shoreline within Segment II (Hillsboro Inlet to Port Everglades) and Segment III (Port Everglades to the South County Line). Segment II of the federal shore protection project between DEP Monuments R37 - R42 and R52 - R72 was initially constructed in 1970, with subsequent nourishment in 1983. Initial restoration of Segment III between DEP Monuments R86 - R94 and R100 - R128 was completed in 1979, with nourishment occurring in 1989, 1991, 2005 and 2006. Staff has determined the project is 90.25% (78.14% of Segment II and 99.45% of Segment III) eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for design, mitigation and construction of Segment II.

**FEDERAL** \$3,931,200

**STATE** \$1,198,980

**LOCAL** \$1,869,820

**TOTAL** \$7,000,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**NAME OF PROJECT:** Dade County Beach Nourishment

**LOCAL SPONSOR:** Dade County

**LOCAL CONTACT:** Brian Flynn

**PHONE:** (305) 372-6850

**PROJECT DESCRIPTION:**

Nourishment of 13 miles of Atlantic shoreline in Dade County extending from Golden Beach to Government Cut between DEP Monuments R6 - R74. The federal shore protection project was constructed in segments beginning in 1977. Nourishment of individual segments is conducted as needed based upon project performance monitoring. In an experimental test beach project, potential domestic sand sources from inland quarries were investigated; however, bid prices were beyond the allowable limits to award a contract. Revised plans and specifications will allow use of any domestic sand source. State cost sharing is based on the eligibility of each segment ranging from 56.27% to 100%.

**FUNDS REQUESTED:**

Funds will be used to construct an experimental test beach located in the Miami Beach Segment and perform sand backpass nourishment events along 29th, 44th and 55th Streets in Miami Beach.

**FEDERAL** \$2,805,106

**STATE** \$2,493,400

**LOCAL** \$2,811,706

**TOTAL** \$8,110,212

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**NAME OF PROJECT:** Estero Island Beach Restoration

**LOCAL SPONSOR:** Lee County

**LOCAL CONTACT:** Robert Neal

**PHONE:** (239) 479-8566

**PROJECT DESCRIPTION:**

Restoration of 4.8 miles at the northern end of Estero Island between DEP Monuments R175 - R199. A draft General Reevaluation Report was completed by the USACE during FY 1999/00 and the project cooperation agreement was signed in March 2006. Construction is scheduled for FY 2007/08. Staff has determined that 80.92% of the Estero Island project area is eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for construction.

**FEDERAL** \$3,413,537

**STATE** \$1,480,710

**LOCAL** \$1,757,229

**TOTAL** \$6,651,476

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

**LOCAL SPONSOR:** Martin County

**LOCAL CONTACT:** Kathy Fitzpatrick

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

**PROJECT DESCRIPTION:**

The federal project was initially constructed in FY 1995/96. Nourishment of a portion of the project was conducted in 2001 and 2002. In the Spring of 2005, approximately 800,000 cubic yards were placed between DEP Monuments R1 - R23 in Martin County. A dune restoration project also occurred along the non-federal beach segment between R23 and R25.6. Staff has determined that 90.87% of the project is eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used to conduct sand search investigations and initiate the engineering and environmental studies necessary for future nourishments.

**FEDERAL** \$931,800

**STATE** \$803,470

**LOCAL** \$964,730

**TOTAL** \$2,700,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**NAME OF PROJECT:** St. Lucie IMP Implementation

**LOCAL SPONSOR:** Martin County

**LOCAL CONTACT:** Kathy Fitzpatrick

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

**PROJECT DESCRIPTION:**

The St. Lucie Inlet Management Plan defines measures needed to mitigate the adverse impacts of St. Lucie Inlet on the coastal system. Plan recommendations include: bypassing beach compatible maintenance dredged material to downdrift beaches; excavating and bypassing the inlet flood shoal; investigating alternatives to modify the north jetty and a sedimentation basin to facilitate bypassing of material; evaluating the feasibility of extending the south jetty; and implementing a comprehensive beach and offshore monitoring program. The plan recommends 184,000 cubic yards shall be bypassed to down drift beaches annually. The area of inlet influence covers eleven miles of Atlantic shoreline south of the inlet between DEP Monuments R45 - R111. St. Lucie Inlet is a federally maintained inlet. The USACE completed a General Design Memorandum during FY 1999/00 to construct modifications to the inlet navigation channel and structures. In 2002, the sediment basin was excavated on the north side to 20 ft. Construction is anticipated in late 2006 to maintenance dredge up to 600,000 cubic yards from the sediment basin. The north jetty work is scheduled to start in the summer of 2007. This work will include raising the north jetty along the seaward section, and sand-tightening the landward portion of the north jetty. The extension of the south jetty is not actively being pursued at this time. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for the non-federal costs associated with construction to raise the crest and sand-tighten the north jetty.

**FEDERAL** \$2,625,000

**STATE** \$475,000

**LOCAL** \$475,000

**TOTAL** \$3,575,000

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**NAME OF PROJECT:** Ft. Pierce Beach Nourishment

**LOCAL SPONSOR:** St. Lucie County

**LOCAL CONTACT:** Richard Bouchard

**PHONE:** (772) 462-1707

**PROJECT DESCRIPTION:**

Nourishment of 1.3 miles of Atlantic shoreline between DEP Monuments R34 - R41 in St Lucie County, and design, permitting and construction of shore protection structures. Construction of the federally authorized shore protection project was completed in 1999, with maintenance nourishment occurring in 2004. The project was nourished in 2005 to address the 2004 hurricane season impacts. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for the nourishment and design, permitting and construction of shore protection structures.

**FEDERAL** \$7,000,000

**STATE** \$1,190,000

**LOCAL** \$1,190,000

**TOTAL** \$9,380,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**NAME OF PROJECT:** Gasparilla Island Beach Restoration

**LOCAL SPONSOR:** Lee County

**LOCAL CONTACT:** Robert Neal

**PHONE:** (239) 479-8566

**PROJECT DESCRIPTION:**

Restoration of 3.1 miles of Gulf shoreline on Gasparilla Island between DEP Monuments R10 - R26A. Structures will be utilized to reduce fill losses at the southern end near Boca Grande Pass. The project is part of the Federal Lee County Shore Protection Project. A draft General Re-evaluation Report was completed by the USACE during FY 1999/00. The project cooperation agreement with the USACE was signed in March 2006. Restoration began in 2006 and the structures will be constructed following fill placement. Staff has determined that 80.59% of the project is eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for construction of the structures.

**FEDERAL** \$0

**STATE** \$604,425

**LOCAL** \$895,575

**TOTAL** \$1,500,000

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**NAME OF PROJECT:** St. Joseph Peninsula Beach Restoration

**LOCAL SPONSOR:** Gulf County

**LOCAL CONTACT:** Don Butler

**PHONE:** (850) 229-6111

**PROJECT DESCRIPTION:**

The project consists of a beach and dune restoration project along 7.5 miles of Gulf shoreline between DEP Monuments R68 - R105 on St. Joseph Peninsula. Approximately 3 million cubic yards of sand from the Cape San Blas Shoals will be placed on the beach. Construction is scheduled to begin in October 2007. The project area incorporates 4.2 miles of critically eroded shoreline. Approximately 3.3 miles of the project shoreline has not been designated critically eroded by the Department and therefore is not eligible for state funding. Construction activities on publicly accessible state land are eligible for 100% state funding. Staff has determined that 38.73% of the project is eligible for cost sharing.

**FUNDS REQUESTED:**

Funds will be used for construction. A Special Appropriation of \$3 million in FY2006/07 is available for design and construction of this project. These funds have been subtracted from the total estimated construction cost. An additional \$3 million was made available from FY2005/06. These funds have been deducted from the state share of this funding request.

**FEDERAL** \$0

**STATE** \$4,360,131

**LOCAL** \$10,439,869

**TOTAL** \$14,800,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**NAME OF PROJECT:** Ocean Ridge Beach Nourishment

**LOCAL SPONSOR:** Palm Beach County

**LOCAL CONTACT:** Tracy Logue

**PHONE:** (561) 231-2491

**PROJECT DESCRIPTION:**

Nourishment of 1.4 miles of Atlantic shoreline located between DEP Monuments R152 - R159. Initial construction of the federally authorized project was completed in 1998. A subsequent nourishment occurred in 2005 covering 1.1 miles of the project. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for mitigation of hardbottom impacts.

**FEDERAL** \$0

**STATE** \$1,000,000

**LOCAL** \$1,000,000

**TOTAL** \$2,000,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
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**NAME OF PROJECT:** New Projects - Feasibility/Design

**LOCAL SPONSOR:** Numerous Local Sponsors

**PROJECT DESCRIPTION:**

The Department has a responsibility to evaluate critically eroded beaches to determine the best option for their management. In order to allow opportunities for new projects, the Department has set aside program funds annually to conduct studies necessary to determine the economic, environmental, and engineering feasibility of proposed projects. Program funds will 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 will follow established eligibility criteria. Priority ranking of proposed projects is as follows:

<b>PROJECT</b>	<b>FEDERAL</b>	<b>STATE</b>	<b>LOCAL</b>	<b>TOTAL</b>
<b><u>Feasibility Studies</u></b>				
Flagler County Beach Restoration	\$220,000	\$37,500	\$37,500	\$295,000
Broward County Dune Restoration	\$0	\$75,000	\$75,000	\$150,000
<b>SUB-TOTAL FEASIBILITY</b>	<b>\$220,000</b>	<b>\$112,500</b>	<b>\$112,500</b>	<b>\$445,000</b>
<b><u>Design</u></b>				
Longboat Pass IMP Implementation	\$100,000	\$70,000	\$70,000	\$240,000
Port Everglades IMP Implementation	\$0	\$425,000	\$425,000	\$850,000
South of Midtown Beach Restoration, Reach 5	\$0	\$125,000	\$125,000	\$250,000
Wabasso Beach Restoration	\$0	\$150,000	\$150,000	\$300,000
Ft. Pierce IMP Implementation	\$0	\$225,000	\$225,000	\$450,000
Venice IMP Implementation	\$0	\$70,350	\$79,650	\$150,000
Islamorada Beach Restoration	\$0	\$25,000	\$25,000	\$50,000
Ft. Zachary Taylor Beach Restoration	\$0	\$85,000	\$0	\$85,000
Curry Hammock Beach Restoration	\$0	\$110,000	\$0	\$110,000
Sailfish Point Beach Restoration	\$0	\$50,000	\$50,000	\$100,000
<b>SUB-TOTAL DESIGN</b>	<b>\$100,000</b>	<b>\$1,335,350</b>	<b>\$1,149,650</b>	<b>\$2,585,000</b>
	<b><u>FEDERAL</u></b>	<b><u>STATE</u></b>	<b><u>LOCAL</u></b>	<b><u>TOTAL</u></b>
<b>TOTAL</b>	<b>\$320,000</b>	<b>\$1,447,850</b>	<b>\$1,262,150</b>	<b>\$3,030,000</b>

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** North Boca Raton Beach Nourishment

**LOCAL SPONSOR:** City of Boca Raton

**LOCAL CONTACT:** Robert DiChristopher

**PHONE:** (561) 416-3385

**PROJECT DESCRIPTION:**

Restoration of 1.5 miles of Atlantic shoreline between DEP Monuments R205 - R212. The project was initially constructed in 1988 and nourished in 1998. The next nourishment is scheduled for 2007. Staff has determined that 100% of the project is eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for design and construction.

Funds appropriated in FY2006/07 for the construction of the project have been subtracted from the estimated construction funds in this request.

**FEDERAL** \$1,425,816

**STATE** \$460,800

**LOCAL** \$460,800

**TOTAL** \$2,347,416

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**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 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, and the evaluation of management alternatives to facilitate sediment bypassing. Staff has determined the project is 100% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used to construct a dredged material management area with a capacity of 15,000 - 30,000 cubic yards. In addition, the funds will be used for dredging the sand trap and placement of sand in supplemental fill locations coordinated with Indian River County.

**FEDERAL** \$0

**STATE** \$550,000

**LOCAL** \$550,000

**TOTAL** \$1,100,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

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

**LOCAL SPONSOR:** Lee County

**LOCAL CONTACT:** Robert Neal

**PHONE:** (239) 479-8566

**PROJECT DESCRIPTION:**

The project involves the reopening and bypassing of material from Blind Pass. It is a component of a larger, multi-jurisdictional project to reestablish the tidal connection between Clam and Dinkins Bayou and to improve water quality conditions and flushing to the Blind Pass/Dinkins Bayou/Pine Island Sound system. This funding request is limited to the eligible activities associated with the management of the adjacent Gulf beaches. Specific activities include the removal of beach quality material from the Blind Pass entrance channel and flood shoal, with placement on the downdrift beaches or in a configuration to reestablish the ebb shoal. Staff has determined the project is 62.1% eligible for state cost sharing, consistent with the current funding eligibility for management of the adjacent beaches.

**FUNDS REQUESTED:**

Funds will be used for the construction of the sand bypassing component.

**FEDERAL** \$0

**STATE** \$465,750

**LOCAL** \$1,034,250

**TOTAL** \$1,500,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Regional Monitoring

**LOCAL SPONSOR:** FDEP

**LOCAL CONTACT:** Paden E. Woodruff

**PHONE:** (850) 922-7703

**PROJECT DESCRIPTION:**

Regional collection of beach and offshore surveys, aerial photography and videography, and nearshore ocean wave data to support all aspects of the statewide beach management program, including post-hurricane recovery, and the planning and design of beach nourishment activities. This is part of the Department's program to complete coastal monitoring of the entire State on a four-year cycle. The regional data collection is coordinated with local government project sponsors to increase cost efficiency and avoid duplication with the post-construction monitoring of beach erosion control projects.

**FUNDS REQUESTED:**

Funds will be used for the collection and processing of beach and offshore surveys and aerial photography of the Northeast Florida coastal region (Nassau through Volusia Counties); aerial videography of the entire sandy coast of Florida; and nearshore ocean wave data offshore of St. Lucie and Martin Counties.

**FEDERAL** \$0

**STATE** \$750,000

**LOCAL** \$0

**TOTAL** \$750,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Regional Sand Search

**LOCAL SPONSOR:** FDEP

**LOCAL CONTACT:** Paden E. Woodruff

**PHONE:** (850) 922-7703

**PROJECT DESCRIPTION:**

The Department will conduct reconnaissance-level regional sand searches to locate offshore sources of sand for future beach restoration activities. The sand search identifies candidate borrow areas containing beach compatible sand that will later be developed into final borrow areas during the design and construction phase of beach restoration and nourishment projects. The availability of this information will reduce the time and expense necessary to complete the design phase and construction of beach projects. This is part of a statewide program to identify strategic sand resources for the planning of beach restoration and nourishment activities by the Department and local government project sponsors.

**FUNDS REQUESTED:**

Funds will be used to conduct additional field investigations of potential sand sources offshore of Charlotte and Sarasota Counties.

**FEDERAL** \$0

**STATE** \$200,000

**LOCAL** \$0

**TOTAL** \$200,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

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

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

**LOCAL CONTACT:** Mark Latch

**PHONE:** (850) 245-3104

**PROJECT DESCRIPTION:**

In 2000, the Department conducted a study of St. Andrews Bay Entrance for the purpose of evaluating the impacts that inlet improvements have had on the adjacent Gulf beaches. Study recommendations include: bypassing 69,000 cubic yards of sediment annually to downdrift beaches, stabilizing the inlet shoreline in St. Andrews State Park to protect Gator Lake, and implementing a beach and inlet monitoring program. Stabilization of the inlet shoreline will increase the volume of sand that is bypassed to the downdrift beaches of Panama City Beach. Staff has determined the project is 100% eligible for state funding.

**FUNDS REQUESTED:**

Funds will be used for the final design, permitting and construction of breakwaters to protect the inlet shoreline and Gator Lake, thereby reducing or eliminating the need to place bypass material inside the inlet.

**FEDERAL** \$0

**STATE** \$841,210

**LOCAL** \$0

**TOTAL** \$841,210

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Juno Beach Nourishment

**LOCAL SPONSOR:** Palm Beach County

**LOCAL CONTACT:** Ben Harkanson

**PHONE:** (561) 233-2514

**PROJECT DESCRIPTION:**

Nourishment of 2.1 miles of Atlantic shoreline located between DEP Monuments R26 - R38. The restoration project was completed in 2000. The project receives nourishment from offshore sources and a portion is federally funded. Staff has determined the non-federal portion of the project is 100% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for the non-federal costs associated with construction.

**FEDERAL** \$1,906,000

**STATE** \$5,047,000

**LOCAL** \$5,047,000

**TOTAL** \$12,000,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Alligator Point Beach Restoration

**LOCAL SPONSOR:** Franklin County

**LOCAL CONTACT:** Mark Curenton

**PHONE:** (850) 653-9873

**PROJECT DESCRIPTION:**

Restoration of 2.9 miles of critically eroded Gulf shoreline located between DEP Monuments R210 - R225. A feasibility study to evaluate shore protection alternatives has been completed. The preliminary study findings recommend the restoration of the beaches using dredged material and the construction of structures to stabilize the beach fill. A JCP application was submitted by Franklin County in September 2006. Approximately 0.75 miles of the project shoreline has not been designated critically eroded by the Department and therefore is not eligible for state funding. Construction activities on publicly accessible state land are eligible for 100% state funding. Staff has determined that 70.1% of the project is eligible for cost sharing.

**FUNDS REQUESTED:**

Funds will be used for the design, permitting and construction of the restoration project. A Special Appropriation of \$1 million in FY2006/07 is available for construction of this project. These funds have been subtracted from the total estimated construction cost. An additional \$2,227,105 was appropriated in FY2006/07 for the project. These funds have been deducted from the state share of this funding request.

**FEDERAL** \$0

**STATE** \$1,382,004

**LOCAL** \$4,355,891

**TOTAL** \$5,737,895

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Phipps Beach Restoration, Reach 7

**LOCAL SPONSOR:** Town of Palm Beach

**LOCAL CONTACT:** H. Paul Brazil

**PHONE:** (561) 838-5440

**PROJECT DESCRIPTION:**

Restoration of 1.7 miles of critically eroded Atlantic shoreline in Palm Beach County located between DEP Monuments R118 - R126. Approximately 1.1 million cubic yards of material were used in 2006, of which 987,750 cubic yards were placed on the beach and 141,458 cubic yards were used for the hurricane recovery dune restoration. In 2004, a 3.1 acre mitigation reef was constructed for hard bottom impacts. Staff has determined that 76.52% of the project is eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for construction of an artificial reef to complete the State and Federal permits required mitigation.

**FEDERAL** \$0

**STATE** \$410,755

**LOCAL** \$662,834

**TOTAL** \$1,073,589

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Ponce de Leon IMP Implementation

**LOCAL SPONSOR:** Ponce de Leon Port Authority

**LOCAL CONTACT:** Joe Nolin

**PHONE:** (904) 248-8072

**PROJECT DESCRIPTION:**

The Ponce de Leon Inlet Management Plan defines measures needed to mitigate the adverse impacts of the inlet on the coastal system. Implementation of the plan includes bypassing beach compatible material to downdrift beaches, stabilizing the inlet with structural improvements, investigating the feasibility of restoring the downdrift beaches, and the implementation of a comprehensive beach and offshore monitoring program. The area of inlet influence encompasses approximately six miles of Atlantic shoreline between DEP Monuments R130 - R165. Ponce de Leon Inlet is a federally maintained inlet. The USACE has completed a feasibility study for structural improvements to the south jetty and has initiated project design. Based on the analysis contained in the feasibility study, extension of the jetty is expected to stabilize the shoreline located immediately downdrift of the inlet. Staff has determined the project is 100% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for the non-federal costs to raise the elevation and extend the south jetty approximately 1,000 feet seaward.

**FEDERAL** \$3,605,890

**STATE** \$1,798,075

**LOCAL** \$1,798,075

**TOTAL** \$7,202,040

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** New Smyrna/Bethune Beach Restoration

**LOCAL SPONSOR:** Volusia County

**LOCAL CONTACT:** Joe Nolin

**PHONE:** (904) 248-8072

**PROJECT DESCRIPTION:**

Restoration of 8.5 miles of Atlantic shoreline located between DEP Monuments R161 - R208. The project is scheduled for construction in FY 2007/08. Staff has determined the project is 69.52% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for construction of the restoration project.

**FEDERAL** \$0

**STATE** \$2,442,400

**LOCAL** \$4,584,067

**TOTAL** \$7,026,467

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Ft. Island Park Beach Nourishment

**LOCAL SPONSOR:** Citrus County

**LOCAL CONTACT:** Rafael Del Valle

**PHONE:** (850) 352-7677

**PROJECT DESCRIPTION:**

Nourishment of a 0.2-mile segment of critically eroded beach at Fort Island Gulf Beach Park. This location is one of the few highly used recreational beaches within Citrus County. Staff has determined that the project is 100% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for the placement of approximately 5,250 cubic yards of sand at the Fort Island Gulf Beach Park.

**FEDERAL** \$0

**STATE** \$35,000

**LOCAL** \$35,000

**TOTAL** \$70,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Perdido Key Beach Restoration

**LOCAL SPONSOR:** Escambia County

**LOCAL CONTACT:** Keith Wilkins

**PHONE:** (850) 595-3496

**PROJECT DESCRIPTION:**

Beach and dune restoration along approximately 6.1 miles of Gulf shoreline between DEP Monuments R001 - R032. Work will include the placement of approximately 2.0 million cubic yards of sand and the installation of vegetation and sand fencing along the newly constructed dune. Approximately 4 miles of the project shoreline has not been designated critically eroded by the Department and therefore is not eligible for state funding. Staff has determined that the project is 24.8% eligible for cost sharing.

**FUNDS REQUESTED:**

Funds will be used for construction of the beach restoration project. A Special Appropriation of \$1.45 million in FY 2006/07 is available for construction of the project. These funds have been subtracted from the total estimated cost to construct the project.

**FEDERAL** \$0

**STATE** \$1,791,800

**LOCAL** \$12,658,200

**TOTAL** \$14,450,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Singer Island Shore Protection

**LOCAL SPONSOR:** Palm Beach County

**LOCAL CONTACT:** Mike Stahl

**PHONE:** (561) 233-2433

**PROJECT DESCRIPTION:**

Dune restoration combined with thirteen (13) offshore breakwaters will aid in the reduction of erosion along 1.8 miles of Atlantic shoreline along Singer Island in Palm Beach County, between DEP Monuments R60 - R69. Dunes were restored in 2001 and 2005. A feasibility study was funded using FY 2005/06 funds. The project area has extensive hardbottom, so no sand will be used to backfill the breakwater structures. Staff has determined that 80% of the project is eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for permitting and construction of the offshore structures and dune.

**FEDERAL** \$0

**STATE** \$4,000,000

**LOCAL** \$6,000,000

**TOTAL** \$10,000,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Key West Beaches Nourishment

**LOCAL SPONSOR:** City of Key West

**LOCAL CONTACT:** Janet Muccino

**PHONE:** (305) 296-0232

**PROJECT DESCRIPTION:**

Nourishment of Smathers beach and initial restoration of Rest, South, Dog, Seminole, Kitsos, and Berg beaches. Smathers beach was initially constructed in 2001 using an upland sand source. Staff has determined the projects are 100% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for design, permitting, and construction of the restoration and nourishment projects.

**FEDERAL** \$0

**STATE** \$462,500

**LOCAL** \$462,500

**TOTAL** \$925,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Inlet Sand Transfer/ Demonstration Projects

**LOCAL SPONSOR:** USACE/FDEP/Local Sponsors

**LOCAL CONTACT:** Paden E. Woodruff

**PHONE:** (850) 922-7703

**PROJECT DESCRIPTION:**

Pursuant to Sections 161.091(2) and 161.101(8), Florida Statutes, the Department is charged with the responsibility to improve the cost effectiveness and the life of beach projects, and to implement projects to achieve that aim. Through cooperative agreements, the Department, local governments, and the USACE actively pursue beach management activities directed at better sediment and beach management practices. Specific activities include regional sediment management initiatives to integrate federal navigation and shore protection project objectives, with the goal of placing dredged material removed in association with federal maintenance dredging activities on the beach in lieu of offshore or nearshore disposal.

**FUNDS REQUESTED:**

The demonstration project funding will allow local governments and the U.S. Army Corps of Engineers, in conjunction with the Department, to develop more cost-effective means to manage coastal sediments from a regional perspective. The Department will work with the U.S. Army Corps of Engineers and local governments to identify and implement projects that link federal navigation projects and the need to dispose of compatible beach material with federal shore protection projects. This demonstration will ensure the coastal system approach is utilized to manage beach compatible sediments. Any funds from this appropriation that are not used within FY2007/08 will be used for other projects on the Priority or Alternate Projects Lists.

**FEDERAL** \$0

**STATE** \$300,000

**LOCAL** \$0

**TOTAL** \$300,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** South Boca Raton Beach Nourishment

**LOCAL SPONSOR:** City of Boca Raton

**LOCAL CONTACT:** Robert DiChristopher

**PHONE:** (561) 416-3385

**PROJECT DESCRIPTION:**

Nourishment of 1.06 miles of Atlantic shoreline between DEP Monuments R223 - R227. The project was initially restored in 1985 with nourishment events in 1996 and 2002. The next nourishment is scheduled for 2007. Staff has determined the project is 97.80% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for construction of the nourishment.

**FEDERAL** \$0

**STATE** \$1,598,480

**LOCAL** \$1,670,395

**TOTAL** \$3,268,875

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** South End Palm Beach Restoration, Reach 8

**LOCAL SPONSOR:** Town of Palm Beach

**LOCAL CONTACT:** H. Paul Brazil

**PHONE:** (561) 838-5440

**PROJECT DESCRIPTION:**

Restoration of approximately 2 miles of critically eroded Atlantic shoreline located between DEP Monuments R125 - R134. The project was recommended based upon studies conducted in association with the Lake Worth Inlet Management Plan as a means to reestablish littoral transport to mitigate the effects of the inlet. In 2005, a total of 141,458 cubic yards was placed between R-119 and R-126 to mitigate storm impacts. Staff has determined the project is 30.24% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for design and construction.

**FEDERAL** \$0

**STATE** \$1,884,886

**LOCAL** \$10,581,292

**TOTAL** \$12,466,178

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** South St. Lucie County Beach Restoration

**LOCAL SPONSOR:** St. Lucie County

**LOCAL CONTACT:** Richard Bouchard

**PHONE:** (772) 462-1707

**PROJECT DESCRIPTION:**

The project consists of the restoration of 3.6 miles of Atlantic shoreline between DEP Monuments R88 - R90 and R98 - R115. In 2004, a federal feasibility study was initiated which includes this project area. The County is planning a locally funded restoration project in the interim. Staff has determined the project is 21.63% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for design, mitigation and construction. A Special Appropriation of \$3 million in FY2006/07 is available for construction of this project. These funds have been subtracted from the total estimated construction cost.

**FEDERAL** \$0

**STATE** \$432,600

**LOCAL** \$3,567,400

**TOTAL** \$4,000,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Mexico Beach IMP Implementation

**LOCAL SPONSOR:** City of Mexico Beach

**LOCAL CONTACT:** Chris Hubbard

**PHONE:** (850) 648-5700

**PROJECT DESCRIPTION:**

The Mexico Beach Inlet Management Plan, adopted under the Strategic Beach Management Plan, defines measures to mitigate the adverse impacts of the Gulf inlet on the coastal system. Specific recommendations include: continued bypassing of maintenance dredged material, modification of the placement location of bypass material further from the inlet, bypassing of material trapped by the west jetty to the downdrift beaches, and extension of the east jetty. The City proposes to increase bypassing efficiency and decrease operational costs with a mobile sand bypassing system. Staff has determined the project is 100% eligible for state cost sharing.

**FUNDS REQUESTED:**

Funds will be used for the design, permitting and construction of a mobile sand bypassing system. Funds will also be used to rehabilitate the west jetty to support the bypass system, and to install a pipeline that will extend the discharge area approximately 1,000 feet east of the inlet.

**FEDERAL** \$0

**STATE** \$220,000

**LOCAL** \$220,000

**TOTAL** \$440,000

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Beach Management Funding Assistance Program**  
**FY 2007/2008 Local Government Funding Request**

**NAME OF PROJECT:** Avalon State Park Dune Restoration

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

**LOCAL CONTACT:** Mark Latch

**PHONE:** (850) 245-3104

**PROJECT DESCRIPTION:**

The project includes restoration of the dune system on approximately 1.34 miles of Atlantic shoreline within Avalon State Park in northern St. Lucie County between DEP Monuments R1 - R10. A sufficient amount of sand will be placed to create a foundation for the dune system. Vegetation will also be planted. Staff has determined the project is 100% eligible for state funding.

**FUNDS REQUESTED:**

Funds will be used for design, permitting and construction of the dune restoration project.

**FEDERAL** \$0

**STATE** \$1,660,000

**LOCAL** \$0

**TOTAL** \$1,660,000