

Charlotte County RESTORE Act Funding Application

General Project Information			
Applicant Name	Charlotte County BOCC		
Was the proposed activity included in any claim for compensation paid out by the Oil Spill Liability Trust Fund after July 6, 2012? If "Yes," the project is not eligible for funding		Yes	No
		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Person to be contacted regarding application	Name: Charles Mopps		
	Title: Coastal Projects Manager		
	E-mail: charles.mopps@charlottefl.com		
	Phone: 941-575-3685		
Proposal Title	Stump Pass Charlotte County Erosion Control Project		
Project Executive Summary: Provide a concise project summary or abstract in the space below (250 words max)			
<p>Charlotte County proposes to conduct an Erosion Mitigation and Habitat Conservation Project that will place beach compatible fill from both inlet and offshore sand sources, along erosion damaged shorelines including critical sea turtle and shorebird habitat. The Project includes providing erosion control and shoreline stabilization measures including beach nourishment, maintenance dredging and bypassing, and stabilizing structures for six miles of eroding gulf and inlet shorelines within the Manasota Barriers, Charlotte County utilizing inlet channel, nearshore, and offshore borrow areas.</p>			
Project Location	Street: 900 Gulf BLVD		
	City: Englewood		State: FL
	Zip Code: 34223		
	If no street address is available, please provide longitude/latitude		

Project Eligibility

Select the one primary RESTORE Act eligible activity of the project in the first column and any others that apply in the second column by placing an X in the row corresponding to the qualifying eligible activity. Project must fulfill one eligible activity at a minimum to be eligible for funding.

RESTORE Act Eligible Activity

Primary activity	All others that apply	Eligible Activity
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mitigation of damage to fish, wildlife, and natural resources
<input type="checkbox"/>	<input type="checkbox"/>	Implementation of a federally approved marine, coastal, or comprehensive conservation management plan, including fisheries monitoring
<input type="checkbox"/>	<input type="checkbox"/>	Workforce development and job creation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Improvements to or on State parks located in coastal areas affected by the Deepwater Horizon oil spill
<input type="checkbox"/>	<input type="checkbox"/>	Infrastructure projects benefitting the economy or ecological resources, including port infrastructure
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Coastal flood protection and related infrastructure
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Promotion of tourism in the Gulf Coast Region including recreational fishing
<input type="checkbox"/>	<input type="checkbox"/>	Promotion of the consumption of seafood harvested from the Gulf Coast Region

Project Eligibility

Select the one primary Charlotte County goal met by the project in the first column and any others that apply in the second column by placing an X in the row corresponding to the appropriate County goal. Project must meet a minimum of one County goal to be eligible for funding.

Charlotte County Goals

Primary Goal Met	All others that apply	Charlotte County Goal
<input type="checkbox"/>	<input type="checkbox"/>	Water Resource Protection: protects or restores water quality and quantity
<input type="checkbox"/>	<input type="checkbox"/>	Efficient and Effective Government: facilitates organization's capacity to govern and manage effectively
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quality of life: enhances community life through the conservation of wildlife, protection or restoration of natural resource and providing community amenities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fiscal/ Financial Planning: increases effectiveness of local government and maintains strong financial condition
<input type="checkbox"/>	<input type="checkbox"/>	Growth Management: manages growth and change consistent with County's comprehensive plan
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Public Safety: maintains a safe and healthy community
<input type="checkbox"/>	<input type="checkbox"/>	Economic Development: create a business climate that promotes a diversified, growing economy consistent with growth management plans and enhanced quality of life.
<input type="checkbox"/>	<input type="checkbox"/>	Human Services: pursue available funding sources to facilitate providing services to meet community needs.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Infrastructure: stabilize and maintain County-wide infrastructure.

Project Cost

Project Cost	Value	Percent of project cost
Total Cost	\$ 9,502,900.00	100 %
RESTORE Request	\$ 7,602,320.00	80 %
Secured Match (include documentation)	\$	%
In-kind match value	\$	%
Funding Gap	\$	%
Anticipated Cash Match	\$ 1,900,580.00	20 %

Project Timeline

Estimated Project Start Date	Present
Estimated Project Completion Date	June 2016

Range of Project Benefit

	Select One	Range of Benefit
Select the range of benefit project is anticipated to have	<input type="checkbox"/>	Local
	<input type="checkbox"/>	County-wide
	<input checked="" type="checkbox"/>	Regional
	<input type="checkbox"/>	Gulf-wide

Provide brief description of project scale in the space below (100 words max)

The northern Project Boundary shall be Chadwick Park, the County's public beach park, located at approximate monument R-9 extending south and encompassing the Stump Pass Beach State Park to Stump Pass. The Project continues on Palm-Knight-Bocilla-Don Pedro Islands extending from approximate monument R-22 along Stump Pass' southern inlet shoreline and then along the gulf-front shoreline to the southern end of the development. The southern Project Boundary shall be the north limit of the Don Pedro State Park located at approximate monument R-40.5. The total length is approximately 6 miles. The proposed beach nourishment volume is 420,000 CY.

Does project provide added benefit when combined with	Yes/No	List projects in box below
Other proposed projects or programs?	Yes	Operations of Both the Charlotte County Beach Complex and Chadwick Park. Also in Storm Damage Reduction
Other completed projects or programs?	Yes	This project enhances the Scope and Function of the Existing (Completed) Stump Pass Erosion Control Project

Project Feasibility

	Yes/No
Does the project require federal, state, or local permits?	Yes

If yes, list permits required below

Permits required	Permit Type (federal, state, local)	Status (obtained, not obtained)
USACE	Federal	In Progress
FDEP	State	In Progress
US Fish and Wildlife	Federal Biological Opinion	In Progress

Existing Planning	Yes/No
Is the project part of an existing federally approved comprehensive conservation management plan?	No
Is the project part of a County or state plan?	Yes

<i>If yes, list plan below</i>
Project has been found to be consistent with Florida's Coastal Zone Management Program

Budget Justification

Activity/Item	Cost	Requested RESTORE Funds	Cash Match	In Kind Match
Project Design				
Feasibility	\$ 275,000.00	\$ 220,000.00	\$ 55,000.00	
Engineering, Design ⁺	\$ 205,000.00	\$ 164,000.00	\$ 41,000.00	
Subtotal	\$ 480,000.00	\$ 384,000.00	\$ 96,000.00	\$ 0.00
Project Permitting				
Permitting	\$ 200,000.00	\$ 160,000.00	\$ 40,000.00	
Subtotal	\$ 200,000.00	\$ 160,000.00	\$ 40,000.00	\$ 0.00
Project Activity				
Construction	\$ 5,160,000.00 ⁺	\$ 4,128,000.00	\$ 1,032,000.00 ⁺	
Mob/DeMob	\$ 1,423,000.00 ⁺	\$ 1,138,400.00	\$ 284,600.00	
Subtotal	\$ 6,583,000.00 ⁺	\$ 5,266,400.00	\$ 1,316,600.00 ⁺	\$ 0.00
Monitoring				
Contracts/Observator ⁺	\$ 694,000.00	\$ 555,200.00	\$ 138,800.00	
Admin/Contingency	\$ 1,545,900.00	\$ 1,236,720.00	\$ 309,180.00	
Subtotal	\$ 2,239,900.00 ⁺	\$ 1,791,920.00	\$ 447,980.00	\$ 0.00
TOTAL	\$ 9,502,900.00 ⁺	\$ 7,602,320.00	\$ 1,900,580.00 ⁺	\$ 0.00

Costs are in 2015 dollars and do not account for inflation

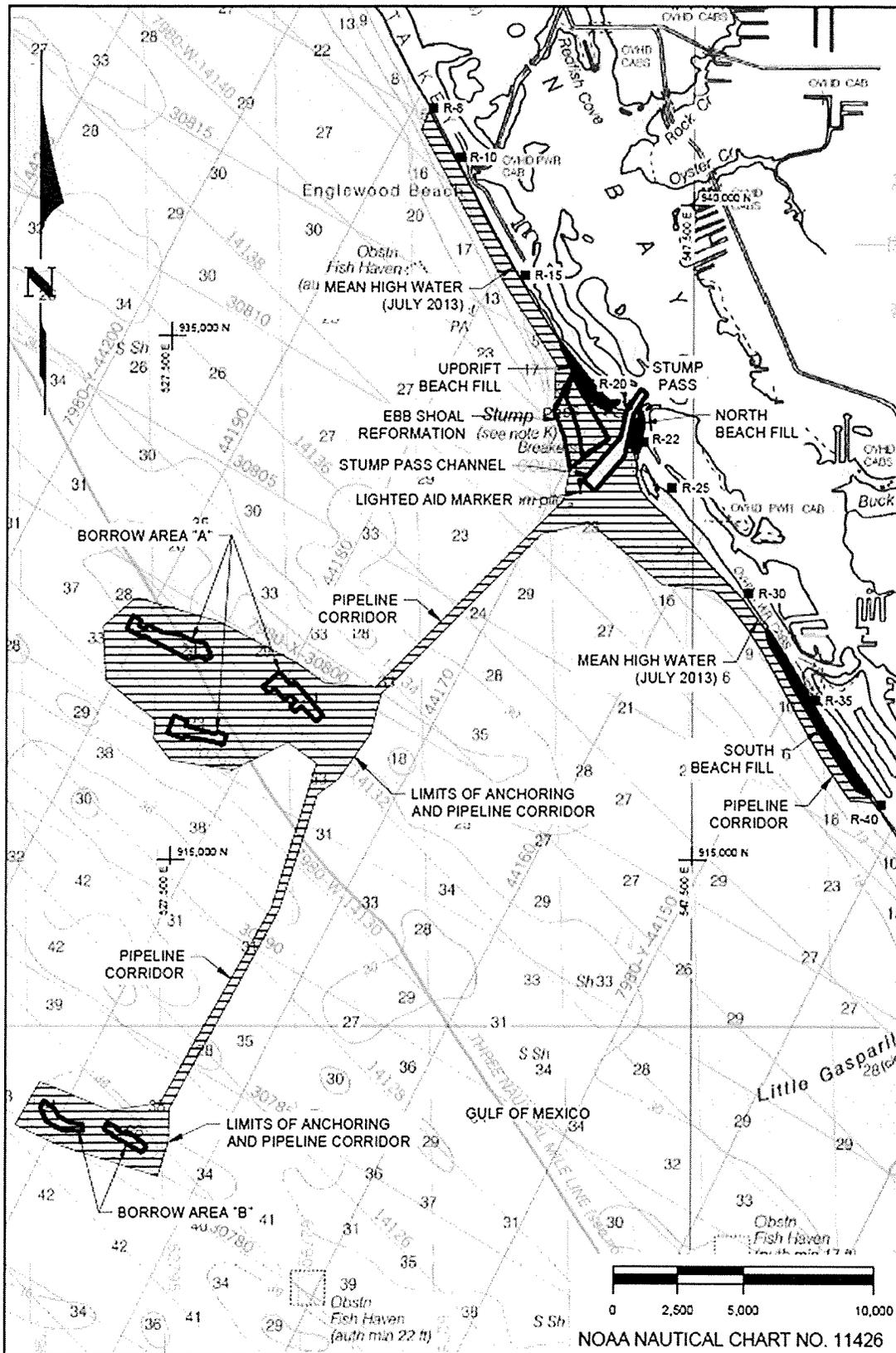


Figure 1. Project Location Map.

CONFLICTS OR COMPLEMENTS TO EXISTING EFFORTS

Charlotte County's Erosion Control Project has been designed to be consistent with the State of Florida's adopted Strategic Beach Management Plan. It is a vital and complementary component to the State's strategy for restoring the critically eroding beaches of the Southwest Gulf Coast Region, Manasota Barriers. Refer to Figure 2.

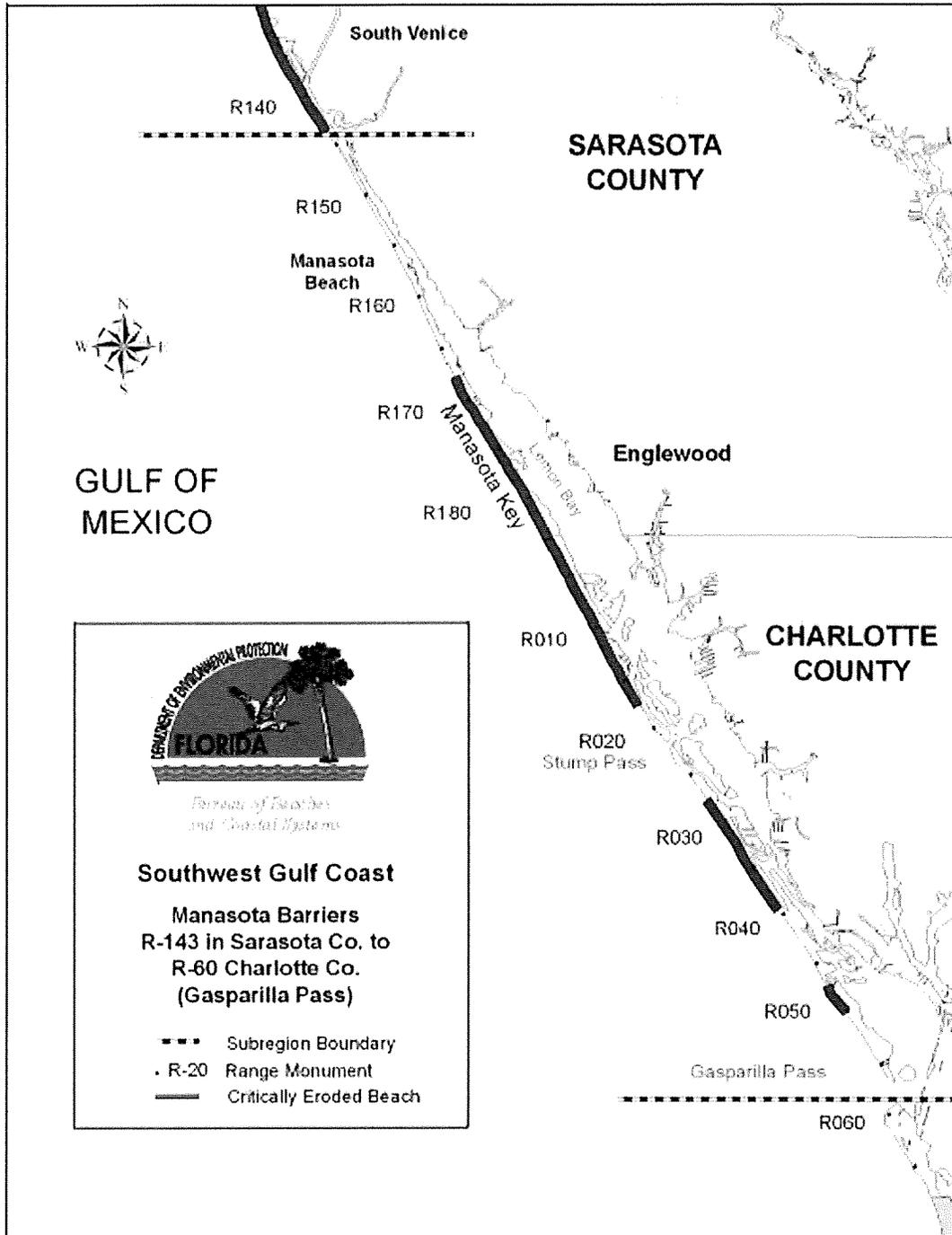


Figure 2. FDEP Manasota Barriers, Strategic Beach Management Plan

ENVIRONMENTAL BENEFITS

As part of a 2011 project, the County created 4 acres of land designed specifically and exclusively as shorebird habitat for nesting, resting, and foraging. Each year the County is responsible for clearing the 4 acres prior to the next nesting season. Details of the monitoring conducted by the County in accordance with the permits are described below. The results of the monitoring indicate the County's program is highly successful. Refer to the table below for the long-term summary of monitoring results.

Long-Term Shorebird Monitoring Nesting Summary

Charlotte County Erosion Control Project Area Shorebird Fledging Data – 9 Year Overview									
Observed Species	2003	2004	2005	2006	2007	2008	2009	2010	2011
	Fledged								
American Oystercatcher	0	0	0	0	0	0	0	0	0
Black Skimmer	0	0	0	0	0	0	2	0	3
Least Tern	30	17	10	25	2	31	5	5	16
Snowy Plover	2	3	5	4	1	5	10	7	2
Wilson's Plover	9	7	21	7	10	12	11	18	21
Total Fledged	41	27	36	36	13	48	28	30	42

The beach fill sections to be restored under the proposed Project provide buffering to the prior created habitat, protecting the areas and the investments already made in them. The fill will also create additional dry beach width that allows for sea turtle nesting. The dune restoration and re-vegetation elements of the design provide incidental habitat for other typical coastal species.

The County proposes to conduct the permitted comprehensive natural resource monitoring and protection program for sea turtles, shorebirds, water quality, manatees, small tooth sawfish and seagrass beds. The permitted sea turtle protection plan consists of daily monitoring of turtle nesting, mark and avoidance, nest relocations, escarpment removal, and beach tilling corresponding to the state and federal requirements contained in the USFWS Biological Opinion and Amendments for this Project. The permitted shorebird protection plan includes daily monitoring of bird activity and nesting, and marking/maintaining/enforcing appropriate construction buffers. The permitted water quality protection plan contains standard water quality monitoring for turbidity at the updrift and south beach fills and the supplemental borrow area and stringent turbidity monitoring and controls to protect water quality in the adjacent Aquatic Preserve during primary borrow area dredging and north beach fill placement. The permitted manatee protection plan and small tooth sawfish plan consists of the standard construction conditions for manatee and sawfish protection corresponding to

COST APPENDIX SHEET

COST ITEM	COST ESTIMATE
PLANNING	
Feasibility Study	\$ 275,000
Design and Permitting	\$ 405,000
PLANNING SUBTOTAL	\$ 680,000
CONSTRUCTION	
Mobilization and Demobilization	\$ 1,423,000
Beach Fill	\$ 3,270,000
Dunes	\$ 43,000
Coastal Structure	\$ 1,847,000
CONSTRUCTION SUBTOTAL	\$ 6,583,000
MONITORING	
Post-Construction Monitoring	\$ 220,000
3-Year Annual Monitoring Surveys	\$ 682,000
MONITORING SUBTOTAL	\$ 902,000
PROJECT COST	
Supervision	\$ 474,000
PROJECT COST SUBTOTAL	\$ 474,000
TOTAL	\$ 8,639,000

ESTIMATED COSTS BY YEAR

YEAR 1 (FEASIBILITY)	\$ 275,000
YEAR 2 (DESIGN & PERMITTING)	\$ 405,000
YEAR 3 (CONSTRUCTION)	\$ 7,277,000
YEAR 4 (YEAR 1 MONITORING)	\$ 231,000
YEAR 5 (YEAR 2 MONITORING)	\$ 227,000
YEAR 6 (YEAR 3 MONITORING)	\$ 224,000
TOTAL	\$ 8,639,000