

**FY 2017/18 Local Government Funding Request
Beach and Inlet Management Project
Application Supplement**

Project Name : Bonita Beach Nourishment

Project Description: The project consists of a cooperative effort between the City of Bonita Springs and Lee County to complete design, permitting, preparation of plans, specifications and contract documents, and nourishment of the northernmost 4,100 feet of Little Hickory Island (Bonita Beach). The shoreline is located immediately south of Big Hickory Pass on the southernmost barrier island in Lee County. The Bonita Beach Restoration Project, comprised of two terminal groins and 217,000 cubic yards of beach fill, was completed in November 1995. The first nourishment, consisting of placing an estimated 150,000 cubic yards, was completed in June 2004. The entire project area, R-226 to R-230, has been designated as critically eroded by the Florida Department of Environmental Protection (DEP). The 2014 nourishment completed in September covered approximately 0.8 miles of shoreline with a paid volume of 134,484 cubic yards of fill from a borrow source located near Big Carlos Pass. Cost savings were achieved by coordination of the project with Lovers Key Nourishment. The project will enhance and protect nesting beach for the loggerhead sea turtle within Critical Habitat Unit LOGG-T-FL-25 as designated by the US Fish and Wildlife Service.

Use of Requested Program Funds: Funds requested for FY17/18 are for reimbursement of the balance of funds for construction and continuation of post construction monitoring.

Local Government Contact:

Name	Title	Email
Stephen Boutelle	Operations Manager	sboutelle@leegov.com
Address 1:	1500 Monroe St	Phone: 239-533-8128
Address 2:	Ft. Myers, FL 33901	Fax: 239-485-8408

Schedule and Budget:

(Include estimated phases for 10 years and estimated project costs for 5 years.)

Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
2017/ 2018	Reimburse balance	Construction	473,620.02	0	175,239.41	298,380.61
	Compliance	Year 3 Physical monitoring and report	31,328	0	11,591	19,737
2018/ 2019			-	-	-	-
			-	-	-	-
2019/ 2020	Compliance	Yr 5 Mon	33,236	0	12,297	20,939
2020/ 2021	Design	Sand search	150,000	0	55,500	94,500
2021/ 2022	Construction	Nourishment	2,500,000	0	925,000	1,575,000
	Compliance	Yr 7 Mon	35,260	0	13,046	22,214

2022/ 2023	Compliance	Yr 1 Mon				
2023/ 2024	Compliance	Yr 2 Mon				
2024/ 2025	Monitoring	Yr 3 Mon				
2025/ 2026	Compliance	Yr 4 Mon				
2026/ 2027	Compliance	Yr 5 Mon				

Local Sponsor Financial and Administrative Commitment:

Resolution will be routed to BOCC for approval and will be sent to DEP Pending BOCC Action.

Eligibility: Public Beach Access Points and Public Lodging Establishments:

Location/Name	R- Mon	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility Units	Eligible Shoreline (feet)	DBPR License
Access 10	R228.5	Secondary	247	50	2887	Access 10	