

St. Lucie Inlet Management Plan

Non- Concurrency

Category	Non-concurrency
CIP Rating Score	2026
Project Number	St. Lucie Inlet
Location	Countywide
District	Countywide
Project Limits	St. Lucie Inlet, flood shoals and county coastal beaches
Related Projects	
Lead Dept/Division	Engineering/Coastal Division



DESCRIPTION

This federal project provides maintenance of the St. Lucie Inlet and associated infrastructure, along with bypassing sand from the navigation channel, impoundment basin and interior shoals to the adjacent impacted beaches lying north and south of the inlet as recommended in the State's revised St. Lucie Inlet Management Plan (adopted January 2016). Cost for bypassing the required volumes to the adjacent eroding beaches, both north and south, is shown here.

BACKGROUND

In 1978 the County entered into a Project Cooperation Agreement with the US Army Corps of Engineers regarding their responsibility to maintain the St. Lucie Inlet. Despite this agreement, federal funds allocated to the US Army Corps of Engineers for Inlet maintenance has become unpredictable, resulting in the need for the County to develop a dedicated local funding source capable of fully funding the project in the absence of state and federal funds. Some level of continued federal participation is expected, and will qualify the project the higher ranking given to federally funded projects in the state's grant program. Funding from this state program can potentially cover up to 75% of local project costs, however the state's long range beach management program is currently underfunded; resulting in unpredictable funding allocations. In 2016 the St. Lucie Inlet Management plan was revised and changed the bypass program from one that moved sand to the south only to a requirement to address impacts both north and south. Sand was removed from the navigation channel and impoundment basin in 2014 and placed south of the inlet and again in 2016 when it was placed to the north. In 2017 a project placed sand in the Town of Jupiter Island's borrow area as an interim holding area. A future joint project with the Town of Jupiter Island will place sand from the borrow area onto the beach to comply with the requirements of the revised Inlet Management Plan. Future joint beach placement projects with the Town of Jupiter Island are scheduled at 5-7 year intervals and projects placing sand on beaches north of the inlet are planned on a 3 year cycle. Inlet maintenance projects (summer projects taking sand to the offshore interim holding area) are planned on a 3 year recurring cycle. Annual costs for permit required monitoring, data analysis and reports is \$810,000.

PROJECT ORIGINATION

Strategic Planning

PROJECT ORIGINATION

Mandates

PROJECT ORIGINATION

Health/Safety Concerns

JUSTIFICATION

This project restores a county recreational facility.

Expenditures	Total	To Date	Funded						Unfunded
			FY18	FY19	FY20	FY21	FY22	FY23-FY27	
Design/Permitting	900,000		0	0	150,000	0	300,000	450,000	
Construction	42,600,000		0	0	14,200,000	0		28,400,000	
CEI	1,550,000		0	0	550,000	0		1,000,000	
Monitoring	8,100,000		810,000	810,000	810,000	810,000	810,000	4,050,000	
Expenditure Total	53,150,000	0	810,000	810,000	15,710,000	810,000	1,110,000	33,900,000	
Revenues	Total	To Date	Carryover	FY18	FY19	FY20	FY21	FY22	FY23-FY27
Ad Valorem	57,800,000		12,800,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	22,500,000
Tourist Development	5,500,000		500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Federal	5,500,000		0	0	0	2,000,000	0		3,500,000
Grants	7,907,500		100,000	400,000	400,000	2,000,000	800,000	400,000	3,807,500
Vessel Registration Fees	1,210,000		110,000	110,000	110,000	110,000	110,000	110,000	550,000
Revenue Total	77,917,500	0	13,510,000	5,510,000	5,510,000	9,110,000	5,910,000	5,510,000	32,857,500
						Total Unfunded	24,767,500		

OPERATING BUDGET IMPACT

Permit required monitoring