

MacArthur Boulevard Improvements

Category	Non-concurrency
CIP Rating Score	
Project Number	7508
Location	Stuart
District	One
Project Limits	Southern Right-of-Way terminus to approximately 1,100 feet north
Related Projects	Bathtub Beach Shoreline Protection
Lead Dept/Division	Public Works/Capital Projects
Year Project Initiated	2018



DESCRIPTION

McArthur Boulevard Improvements project is a FEMA Hazard Mitigation Assistance Program (HMAP) Grant funded project to improve the structural integrity and drainage on SE MacArthur Boulevard by elevating the roadway from the southern Right-of-Way limits north approximately 1,100 feet. The project limits are adjacent to private, County, and State owned properties.

BACKGROUND

the project will include the reconstruction of MacArthur Boulevard to elevate the roadway with shoulder stabilization including, but not limited to, design considerations of sheet piling, rip rap and/or other roadway shoulder protection methods. The roadway shall be designed and reinforced to withstand 100-Year storm events and susceptibility to the adjacent Atlantic Ocean and Indian River storm surge.

PROJECT ORIGINATION

Infrastructure Needs

JUSTIFICATION

The funding will provide for improvements to public facilities that eliminate public hazards, aid in the renovation of worn-out facilities that contribute to achieving or maintaining standards for levels of service adopted in the Comprehensive Growth Management Plan, and significantly reduce the operating cost of providing a service or facility or otherwise mitigate impacts of public facilities on future operating budgets.

Expenditures	Total	To Date		Funded					Unfunded
				FY19	FY20	FY21	FY22	FY23	FY24-FY28
Design	300,000			300,000					
Construction	2,244,000				2,244,000				
Expenditure Total	2,544,000	0	0	300,000	2,244,000	0	0	0	0
Revenues	Total	To Date	Carryover	Funded					Unfunded
				FY19	FY20	FY21	FY22	FY23	FY24-FY28
Ad Valorem	240,000			240,000					
Grant	2,304,000			60,000	2,244,000				
Revenue Total	2,544,000	0	0	300,000	2,244,000	0	0	0	0
Total Unfunded									0

OPERATING BUDGET IMPACT

Maintenance costs during the first three years after resurfacing and restriping will be minimal. Annual maintenance costs for routine repairs is estimated at \$1,000 per year.