

SE MacArthur Boulevard Improvements Revised 12/12/2023

Category Non-concurrency
CIP Rating Score 75
Project Number 7508
Location Stuart
District 1



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

SE MacArthur 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 SE 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 Lagoon storm surge.

PROJECT ORIGATION

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
				FY24	FY25	FY26	FY27	FY28	FY29-FY33
Design	326,267	326,267							
Construction	8,039,629	3,031,444		5,008,185					
Expenditure Total	8,365,896	3,357,711	0	5,008,185	0	0	0	0	0
Revenues	Total	To Date	Carryover	FY24	FY25	FY26	FY27	FY28	FY29-FY33
Hurricane Reimburs.	3,108,489	1,019,914	2,088,575						
Grant	5,257,407	2,337,797	1,684,610	1,235,000					
Revenue Total	8,365,896	3,357,711	3,773,185	1,235,000	0	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.