

Public Works Department

Presentation and Discussion of Roadway and Stormwater
Capital Improvement Projects
Budget Workshop June 12, 2025



Roadway Issues

Sanibel experienced a complete saltwater over wash from Hurricane Ian on September 28, 2022. This saltwater inundation is causing the main arterial and collector roads to settle, crack and deteriorate, accelerating the need to reconstruct roads to provide a safe transportation system and hurricane evacuation routes for Sanibel.

Project reconstruction shall include milling and resurfacing of arterial, collector and public roads including incidental striping/markings and shoulder repair work. This work is critical to repair the settlement, cracking and loss of necessary striping/markings following the storm to maintain safe travel ways for Sanibel.

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Roadway Issues

Some roads will require elevation to increase resiliency where issues with water over roadways is becoming more frequent during high tide and king tide events.

Roadways & SUP Grant & FEMA Funding

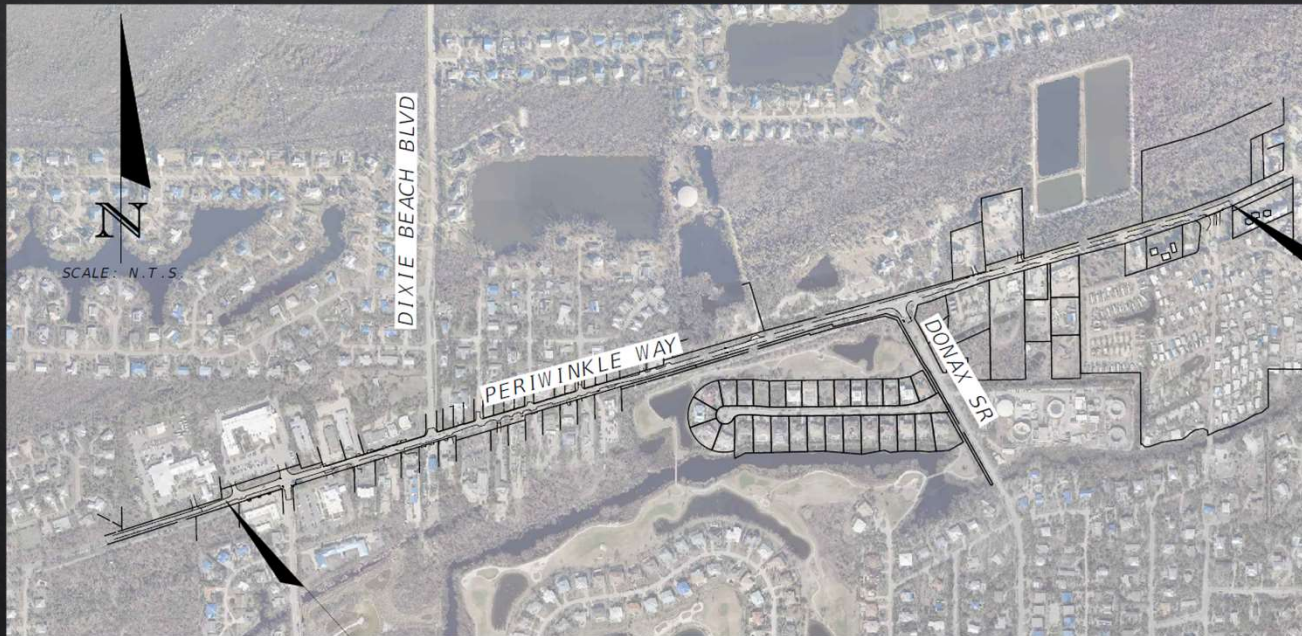


Grant/Project	Funding	Funding Type	Design Engineer	Notes
East Periwinkle Way Bridge Replacement Design (FDOT FM# 452819-1-34-01; Contract No. G2W66)	\$750,000	FDOT Grant	TYLin	Design Underway
East Periwinkle Way Bridge Replacement Construction (FDOT FM# 452819-1-54-01; Contract No. TBD)	\$2,500,000	FDOT Grant	TYLin	Construction Start in FY26
East Periwinkle Way Bridge Replacement (FY2024 EDI Community Project Funding (CPF) Grantee for: B-24-CP-FL-0595)	\$5,500,000	HUD Grant	TYLin	Construction Start in FY26
Shared Use Path (SUP) Reconstruction (FDOT FM# 452816-1-54-01; Contract No. G2Y52)	\$1,000,000	FDOT Grant	Bowman	FDOT Review In Progress; Construction Start in FY25
Resilience - Use to Raise Roadways (i.e. Bailey, Dixie Beach, Tarpon, Rabbitt)	?	TBD	TBD	Future Grant
Roadways Reconstruction (FDOT FM# 454841-1-54-01; Contract No. G3C82)	\$1,000,000	FDOT Grant	Stantec	Periwinkle Way Milling & Resurfacing; Bids Due June 26, 2025
Community Development Block Grant - Disaster Recovery (CDBG-DR) Infrastructure Grant	\$12,460,000	HUD Grant	TBD	Project Scoping Underway: - Use to Mill & Resurface Overdue/Deteriorated Roadways - Could Also Consider Partial Roadway Raising Using Asphalt Lifts. Additional Design & Geotechnical Evaluation Required.
FEMA Roadways	\$3,000,000	FEMA Public Assistance	Stantec	Design Underway; Final Funding Amount Undetermined



Periwinkle Way Milling and Resurfacing

FDOT CONTRACT NO. 454841-1 FUNDED \$1,000,000



- Objective – Improve driving surface, striping, and drainage system for this main arterial roadway that serves as a hurricane evacuation route.

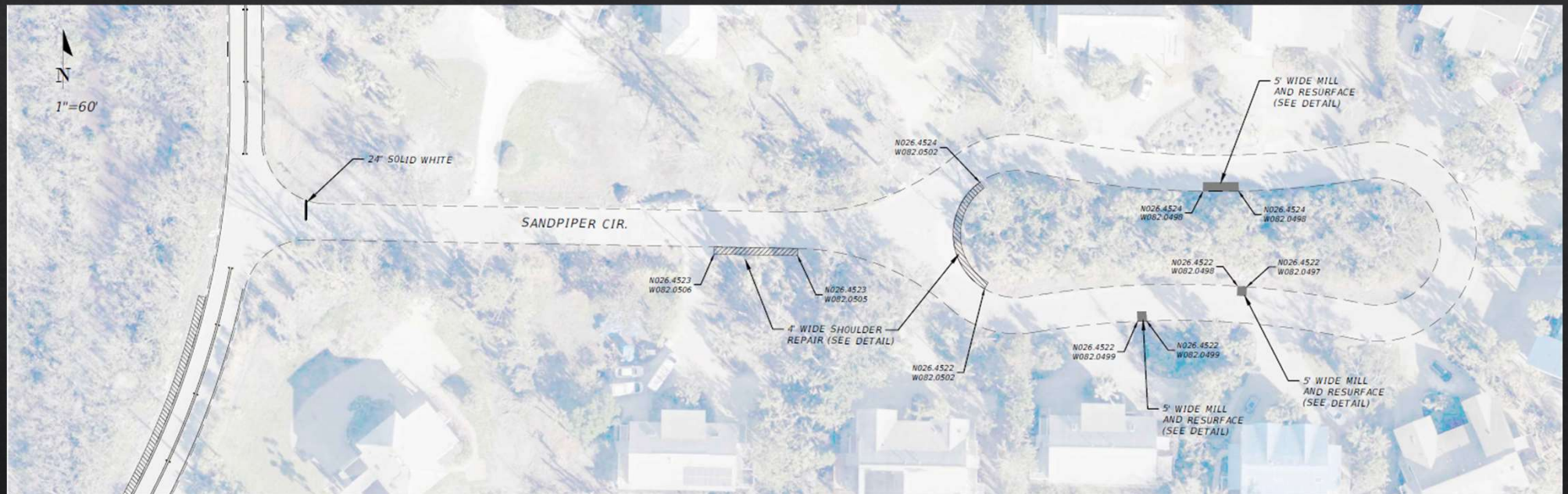
- Stantec Consulting Services, Inc. is design professional.
- Roadway will not be raised; new inlets, culvert pipes and swale regrading are included to improve drainage.
- FDOT comments addressed.
- FDOT grant will fund milling and resurfacing; City will fund drainage system improvements.
- Bids Due June 26, 2025.

Island Wide Roadway Reconstruction & Repairs

FEMA 406 Public Assistance (PA) Funded \$3,000,000 (Estimated)



- Objective – Address Hurricane Ian damage (shoulder, asphalt patches, striping, reflective pavement markers).
- Roadways will not be raised.
- 100% design documents under review by City; FEMA review pending.
- FEMA will only fund repairs they have pre-approved.
- Bidding in FY25.



Allocation of Funding Option

HUD CDBG-DR GRANT NO. B-23-UN-12-0002 FUNDED \$12,460,000

Project Options CDBG-DR Funding



1. Use all funds for Milling & Resurfacing
 - a. Project reconstruction shall include milling and resurfacing of arterial, collector and public roads including incidental striping/markings and shoulder repair work. This work is critical to repair the settlement, cracking and loss of necessary striping/markings following the storm to maintain safe travel ways for Sanibel and Captiva islands. Initial estimates anticipate 25 miles could be reconstructed if all funding was used for this purpose.
2. Use 50% funding for Milling & Resurfacing and 50% of funding to elevate a portion of a road that is experiencing king tide flooding.



Stormwater Capital Improvement Projects

Stormwater Master Plan Potential Future Capital Projects	Project Type	Budgetary Design Cost	Design Funding Source	Design FY	Budgetary Construction Cost	Construction FY	Construction Funding Source
Sanibel Slough Dredging	Slough Dredging	\$ 212,049	FDEP Grant	25	\$1,630,000	26	FDEP Grant
Beach Road Automation Of Weir Gates	Weir System	\$80,000	Non-Grant	26	\$250,000	27	TBD
Tarpon Bay Automation Of Weir Gates	Weir System	\$80,000	Non-Grant	26	\$250,000	27	TBD
Beach Road Weir Flap Gate Modifications	Weir System	\$80,000	Non-Grant	26	\$250,000	27	TBD
Tarpon Bay Weir Flap Gate Modifications	Weir System	\$80,000	Non-Grant	26	\$250,000	27	TBD
Clam Bayou Box Culvert	Box Culvert	\$800,000	Non-Grant	26	\$4,000,000	27	Stormwater Grant
Beach Road Weir Pump Station	Weir System	\$300,000	Non-Grant	27	\$2,500,000	28	TBD
Tarpon Bay Weir Road Pump Station	Weir System	\$300,000	Non-Grant	27	\$4,900,000	28	TBD
East Periwinkle Box Culvert	Box Culvert	\$750,000	Non-Grant	29	\$4,000,000	30	TBD
Tradewinds Subdivision Drainage	Subdivision Drainage	Design Completed	Non-Grant	TBD	\$4,500,000	TBD	TBD
West Gulf Drive Culvert/Swale Improvements	Area Specific Project	\$240,000	Non-Grant	TBD	\$2,400,000	TBD	TBD
Bailey Road Drainage	Area Specific Project	\$35,000	Non-Grant	TBD	\$150,000	TBD	TBD
Road Elevating (Dixie, Bailey, Tarpon)	Road Elevation	\$2,680,000	Non-Grant	TBD	\$26,800,000	TBD	TBD
FY25 Total		\$ 212,049			\$0		
FY26 Total		\$1,120,000			\$1,630,000		
FY27 Total		\$600,000			\$5,000,000		
FY28 Total		\$0			\$7,400,000		
FY29 Total		\$750,000			\$0		
FY30 Total		\$0			\$4,000,000		
FY TBD Total		\$2,955,000			\$33,850,000		
Total		\$5,425,000			\$51,880,000		