



CITIZENS ADVISORY COMMITTEE (CAC) MEETING

Martin County Administrative Center
Board of County Commission Chambers
2401 SE Monterey Road, Stuart, FL 34996
www.martinmpo.com
(772) 221-1498

Wednesday, September 4, 2024 @ 9:00 AM

AGENDA

<u>ITEM</u>	<u>ACTION</u>
1. CALL TO ORDER	
2. ROLL CALL	
3. APPROVE AGENDA	APPROVE
4. APPROVE MINUTES <ul style="list-style-type: none">• CAC Meeting – June 5, 2024 (pg. 3)	APPROVE
5. COMMENTS FROM THE PUBLIC (PLEASE LIMIT YOUR COMMENTS TO THREE MINUTES; COMPLETE CARD TO COMMENT)	
6. AGENDA ITEMS	
A. FY25 - FY29 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) – ROLL FORWARD AMENDMENT #1 (pg. 8)	APPROVE
B. FY25 - FY29 TIP – MODIFICATION #1 (pg. 23)	APPROVE
C. FY26 - FY30 LIST OF PROJECT PRIORITIES (LOPP) MODIFICATION (pg. 25)	APPROVE
D. FUNCTIONAL CLASSIFICATION UPDATE (pg. 27)	APPROVE
E. SR-A1A/SE OCEAN BLVD ROAD SAFETY AUDIT (RSA) (pg. 47)	APPROVE
7. COMMENTS FROM COMMITTEE MEMBERS	

8. NOTES

9. NEXT MEETING

Joint TAC/CAC/BPAC Meeting – October 7, 2024

10. ADJOURN

The Martin MPO solicits public participation without regard to race, color, national origin, age, sex, religion, disability, or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require language translation services (free of charge) should contact Ricardo Vazquez, Principal Planner (Title VI/Non-discrimination Contact) at (772) 223-7983 or rvazquez@martin.fl.us in advance of the meeting. Hearing-impaired individuals are requested to telephone the Florida Relay System at #711.

**MARTIN METROPOLITAN PLANNING ORGANIZATION
CITIZENS ADVISORY COMMITTEE MEETING**

Martin County Administrative Building Commission Chambers
2401 SE Monterey Road, Stuart, FL 34996
(772) 221-1498

www.martinmpo.com

Wednesday, June 5, 2024 @ 9:00 AM

MEETING MINUTES

1. CALL TO ORDER

The meeting was called to order at 9:06 AM by Larry Sofield, Vice Chair

2. ROLL CALL

Peggy Brassard, MC Transit Division, called roll.

CAC Members in Attendance:

Larry Sofield, Vice Chair
Ann Kagdis
Hilary Young
Blake Capps
Cindy Greenspan
Helen McBride

CAC Members Excused:

Saadia Tsaftarides, Chair

CAC Members Not in Attendance:

John F. Patteson
Howard Lyndon Brown
Trent Steele

Staff in Attendance:

Beth Beltran, MPO Administrator
Ricardo Vazquez, Senior Planner
Lucine Martens, Planner
Peggy Brassard, MC Transit Division

Others in Attendance:

James Brown, FDOT – Florida Turnpike Enterprise
Paul Carballo, Metric Engineering
Pinal Gandhi-Savdas
Kevin Smith, Public Works COS

A quorum was present

3. APPROVE AGENDA

A motion to approve the agenda was made by Ann Kagdis and was seconded by Hilary Young. The motion passed unanimously.

4. COMMENTS FROM THE PUBLIC - None

5. AGENDA ITEMS

A. FINAL DRAFT FY25 – FY29 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Ricardo Vazquez, Principal Planner, presented the Final Draft FY25 – FY29 Transportation Improvement Program (TIP). The Transportation Disadvantaged allocations have been updated from information provided by the State. The CIPs for the municipalities in the County were updated. Lastly, some information was either updated or corrected per comments from FDOT.

A motion to approve the Final Draft FY25 – FY29 Transportation Improvement Program (TIP) was made by Helen McBride and was seconded by Ann Kagdis. The motion passed unanimously.

B. FINAL DRAFT FY26 – FY30 LIST OF PROJECT PRIORITIES (LOPP)

Beth Beltran, MPO Administrator, presented the Final Draft FY26–FY 30 List of Project Priorities (LOPP). Per the request of the MPO Board, the dedicated right turn lane on SR-76/Kanner Highway at South River Drive is now number five. NW Alice Street moved from number twelve to six and the Bascule Bridge was moved from number five to number seven. South River Condominiums voted no on donating the right-of-way for the right turn lane. FDOT has stated the traffic signal is not warranted at this time but will do another study once Costco is opened.

Larry Sofield asked if the approval is to move Kanner Highway up or to leave the ranking the same. Beth Beltran explained in February the MPO Board requested that Kanner Highway be moved from spot six to spot five and the TAC voted to leave it for now.

Blake Capps sought information on the intersection of Dixie Highway and Crossrip Street in Hobe Sound, and if there has ever been a study done there due to the number of collisions. George Dzama stated there was traffic analysis done for the intersection and it warrants a traffic signal. The traffic signal is not an individual project, but it is in the intersection improvement program. Currently, the Traffic Division is working on the design and construction for the signal. Mr. Capps asked if it needs to be put on the priority list after the design phase is complete. Mr. Dzama explained that it does not go on the priority list because it is already in the county's capital improvement program.

A motion to approve the Final Draft FY26 – FY30 List of Project Priorities (LOPP) by Ann Kagdis and seconded by Cindy Greenspan. The motion passed unanimously.

C. South Dixie Highway Improvements Project Update

City of Stuart has changes to the project, and Pinal Gandhi-Savdas, CRA Director with the City of Stuart presented the South Dixie Highway Improvement Project Update. The City is required to have a twenty-five-foot clearance from the FEC right-of-way. The parking spots along the railroad tracks will need to be removed. All work will be within the City's right-of-way, and the parking spaces will be moved to the other side of the street closer to the businesses. Ms. Gandhi-Savdas introduced Joe Capra to go into further detail.

Joe Capra stated the revised plan is starting at Confusion Corner and going north on Dixie will be one way. The road will be eleven feet wide. Starting at California it will be two lanes again and there will be some adjustments to the Joan Jefferson Intersection. Taking Southwest California Avenue to Southwest Ocean Blvd, it will allow you to make a left and go into the intersection to Confusion Corner.

Larry Sofield asked if there is room for a bike lane and if California is currently a one-way road. Joe Capra stated there is no room for a bike lane. As for California, it is currently a one-way road. However, there is enough room to make it two lanes, but they are leaving it as one-way for now. Mr. Sofield also asked if they are expecting an increase in traffic around California from the changes. Mr. Capra explained the only area they expect the traffic to increase is California and Dixie because of Confusion Corner. Mr. Sofield inquired about a roundabout at the intersection of California and Ocean and if it would help traffic there more and how the future parking garage fits into the plans. Mr. Capra stated there are currently no plans for a roundabout. As for the parking garage, Mr Capra stated it will not be going in this area and most likely will be behind the courthouse.

Cindy Greenspan sought clarification on how many parking spaces will be lost. Joe Capra estimates about two spaces will be lost. However, there is a possibility they can be made up by re-striping. Blake Capps wanted to know if the new parking will be public parking, as some of the business might try to claim them as their own. Mr. Capra stated the parking will be for everyone. Pinal Gandhi-Savdas also stated that as sites get developed, the businesses will have to meet parking requirements. This will mean the businesses will have parking on their parcels. Additional parking can be on the street, but it will be public parking.

A motion to approve the South Dixie Highway Improvement Project Update was made by Helen McBride and was seconded by Blake Capps. The motion passed unanimously.

D. SW High Meadow Avenue Widening PD&E Study

Paul Carballo, Consultant with Metric Engineering, presented the SW High Meadows Avenue Widening PD&E Study. The project would be from I-95 to CR714/SW Martin Highway and would be broken up into two segments. Segment one has three alternatives, segment two has one alternative, and the intersection concept has two alternatives.

In response to a question asked about the turn outs for the public meetings that have already happened and if letters were sent out, Paul Carballo stated they had eleven in person and five virtual for the outreach. Also, letters were sent to the neighborhoods. Mr. Carballo went into further detail about the intersection with the displaced left.

E. DEVELOPMENT REVIEW INTERACTIVE MAP UPDATE

Ricardo Vazquez presented the Development Review Interaction Map. Starting July 1st, the map will be updated quarterly. The map has been updated with all the MPO Priority projects and Martin County and City of Stuart's developments. At this time the Village of Indiantown has not been updated.

6. COMMENTS FROM COMMITTEE MEMBERS

Ann Kagdis mentioned the Jensen Beach Boulevard had been resurfaced, but the painting of the lines was not. That when it is at night, or it is raining it is hard to see them. George Dzama wanted to know the exact location on the road that did not have the lines. Ms. Kagdis explained that it is from the strip malls right after the railroad roundabout to almost Route One. Mr. Dzama stated he would investigate further into it. Mr. Dzama also mentioned the county will be resurfacing the road from Savannah Road to Indian River Drive. They will be mobilizing within a month and that part of the road will be resolved.

Blake Capps asked about the timeframe for installing the light at the intersection of Dixie and Crossrip. George Dzama explained that it is still in the design stage, and they still need to work with the railroad because of constraints. It could be maybe a year before it is started.

Larry Sofield complimented the Request for Service app and how within four and a half hours the problem was resolved. Mr. Sofield also stated that he attended the Cove Road public meeting a few weeks ago. At the meeting they had suggested some changes. Beth Beltran explained that in May the MPO Board heard the presentation and wanted the consultant and FDOT to come back after the public meeting to inform them of the public comments.

8. NOTES - None

9. NEXT MEETING

CAC Meeting – September 4, 2024 @ 9:00 AM

10. ADJOURNMENT: 09:59 A.M.

Prepared by:

Brittany Truong, Administrative Assistant

Date

Approved by:

Saadia Tsaftarides, CAC Chair

Date

Minutes Approved on September 4, 2024

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**CITIZENS ADVISORY COMMITTEE (CAC) MEETING
AGENDA ITEM SUMMARY**

MEETING DATE: September 4, 2024	DUE DATE: August 28, 2024	UPWP#: 5
WORDING: FY25 - FY29 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) ROLL FORWARD AMENDMENT #1		
REQUESTED BY: FDOT	PREPARED BY: Margie Tamblyn / Beth Beltran	DOCUMENT(S) REQUIRING ACTION: FY25-FY29 TIP AMENDMENT #1

BACKGROUND

The FY25 – FY29 Transportation Improvement Program (TIP) was adopted by the MPO Policy Board on June 17, 2024, and becomes effective on October 1, 2024, to coincide with the Federal fiscal year. Each year, FDOT asks that those funds approved in the previous year that remain be “rolled forward” in order to be expended in the upcoming year. These funds are then incorporated into the FY25-FY29 TIP. The project funds to be rolled forward are incorporated into our current TIP by amendment.

ISSUES

Approval of the FY25 Martin MPO Roll Forward Report is being sought in TIP Amendment #1. The Roll Forward funds will be added to the TIP, after being approved and signed by the MPO Policy Board Chairman. The Roll Forward Amendment will be submitted to FDOT prior to the October 1, 2024, effective date.

RECOMMENDED ACTION

Approval of the FY25-FY29 TIP Roll Forward Amendment #1

FISCAL IMPACT

Approval of the Roll Forward TIP Amendment will make FY24 funds available for expenditure in Martin County in FY25.

APPROVAL

MPO

ATTACHMENTS

Martin MPO FY25 Roll Forward Report



**Transportation
Improvement
Program
FY25 – FY29**

**ROLL-FORWARD
AMENDMENT**

MARTIN METROPOLITAN PLANNING ORGANIZATION (MPO)

**FY 2024/25 – FY 2028/29 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
TIP AMENDMENT APPROVAL CERTIFICATION FORM**

FY 2024/25 ROLL FORWARD REPORT

The Martin MPO, through administrative delegation to its MPO Administrator, approved incorporation of the attached report into the FY2024/25-FY2028/29 TIP adopted on June 17, 2024. This amendment will be incorporated and recognized by the Federal Highway Administration after the FY2024/25-FY2028/29 TIP becomes effective on October 1, 2024.

I attest that this FY 2024/25 – FY 2028/29 administrative TIP amendment was developed and approved in compliance with applicable policies and procedures.

Martin MPO Chair

September 16, 2024

Date

Introduction

The Florida Department of Transportation (FDOT) provides the Martin Metropolitan Planning Organization (MPO) with an annual database in April for the purposes of developing the MPO's Transportation Improvement Program (TIP). The database is compiled from the FDOT Tentative Work Program that is adopted on July 1. The Martin MPO TIP is usually adopted at the June Policy Board meeting. The first year of both the TIP and the FDOT Work Program should mirror each other. However, when the new TIP and Work Program are adopted, there are sometimes projects that were supposed to get authorized and encumbered prior to June 30, for many reasons, but did not. These projects will automatically roll forward in the Work Program but will not automatically roll forward in the TIP. Therefore, the TIP must be amended to include these projects and match the Work Program. This is completed by what is known as the Roll Forward TIP Amendment. This amendment is the first amendment to the TIP and occurs annually. The Roll Forward TIP Amendments are usually approved at the September MPO Policy Board Meeting.

Martin MPO staff received the proposed Roll Forward TIP Amendment request from FDOT on July 2, 2024. The Martin MPO Policy Board is required to make a decision on its approval.

Roll Forward TIP Amendment Overview

The Roll Forward TIP Amendment includes 24 projects worth \$11,975,417 rolling forward into the FY25-FY29 TIP. The amendment is rolling forward \$10,880,578 in transit funds, which is approximately 91% of total roll forward funding, \$927,984 of highway funds, representing about 8% of total roll forward funding, and \$166,855 of Turnpike funding, accounting for approximately 1% of total roll forward funding.

The following page is a summary sheet regarding the projects and funding that are being rolled over into the FY25-FY29 Martin MPO TIP.

Martin MPO FY25 Roll Forward Report Summary Sheet

Project	FM #	From	To	Work Type	Rollover Funds
Transit	413493-1	Section 5307 Formula Funds		Capital for Fixed Route	\$9,966,700
I-95	434273-4	Palm Beach/Martin County Line	CR-708 Interchange	Safety Project	\$62,071
Transit	434661-1	Section 5339 Capital for Bus & Bus Routes		Capital for Fixed Route	\$820,128
Jonathan Dickinson State Park- Flap Grant	436735-1	Park Entrance/through park	US-1	Miscellaneous Construction	\$3,017
Jonathan Dickinson State Park- Flap Grant	436735-2	Park Entrance/through park	US-1	Environmental Test/Mitigate	\$4,918
SR-A1A	436869-1	East of Lyons Bridge	SR-732/Jensen Beach Blvd.	Sidewalk	\$6,874
SR-5/US-1 North	436967-1	NW of Britt Road		Traffic Signals	\$3,670
Turnpike	437992-1	MP 117.843	MP 138.037	Resurfacing	\$7,773
SR-732/Jensen Beach Causeway	440473-1	NE Indian River Drive	SR-A1A	Signing/Pavement Markings	\$106,643
SR-5/US-1	443505-1	SE Bridge Road	Hobe Sound Wildlife Refuge	Bike Path/Trail	\$319,666
SR-76/Kanner Highway	446033-1	SE Cove Road	Cabana Point Drive	Landscaping	\$101,768
SR-5/US-1	446110-1	SE Contractors Way	N Jensen Beach Blvd	Resurfacing	\$41,660
SR-76/Kanner Highway	446112-1	North of SR-710/Warfield Blvd	MP 14.4	Resurfacing	\$107,792
Widen Turnpike	446219-1	Palm Beach County Line	I-95 Connector	Add Lanes & Reconstruct	\$2,767
Widen Turnpike	446332-1	I-95 Connector	T. B. Manuel Bridge	Add Lanes & Reconstruct	\$2,951
Turnpike	446975-1	TPK and I-95 Direct Connection Interchange		PD&E/EMO Study	\$1,553,364
Intersection Lighting Retrofit Improvement	447001-1	Martin County		Lighting	\$9,338
SR-710/SW Warfield Boulevard	447555-1	At Intersection with CR-714/SW Martin Highway		Road Reconstruction -2 Lane	\$65,816
SR-5/US-1 SB & NB	447687-1	Over St. Lucie River/SR-707 New Roosevelt Bridge		Bridge Repair/Rehabilitation	\$29,751
City of Stuart	448307-1	City of Stuart Various Locations		Sidewalk	\$5,000
Transit	453059-1	5310 Capital-Non-Urban UZA-SRA, Inc		Capital for Fixed Route	\$93,750
SR-710/SW Warfield Boulevard	453333-1	FPL Access Road	SW Van Buren Ave	Add Lanes & Reconstruct	\$30,000
SR-710/SW Warfield Boulevard	453333-2	Martin/Okeechobee County Line	FPL Access Road	Add Lanes & Reconstruct	\$30,000
				Total rollover funds	\$11,975,417

HIGHWAYS

ITEM NUMBER:434273 4		PROJECT DESCRIPTION:SR-9/I-95 FROM PALM BEACH/MARTIN CO LINE TO CR-708 INTERCHANGE					TYPE OF WORK:SAFETY PROJECT		*SIS*
DISTRICT:04		COUNTY:MARTIN							
EX DESC:ANTICIPATED SAFETY PROJECT NPV= 40,170,910; SHSP=1 ; B/C= 4.7 INSTALL CONTINUOUS LIGHTING ALONG I-95 FROM THE COUNTY LINE TO S.OF CR-708;ALSO, REPLACE THE EXISTING HIGH-MAST LIGHTING WITH CONVENTIONAL LIGHTING(LED LUMINAIRES)AT THE I-95/CR-708 INTERCHANGE; G/W 434273-3		PROJECT LENGTH: 7.910MI					LANES EXIST/IMPROVED/ADDED: 3/ 3/ 0		
FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS	
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT									
HSP	749,334	0	0	0	0	0	0	749,334	
PHASE: RAILROAD & UTILITIES / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DDR	12,000	0	0	0	0	0	0	12,000	
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT									
ACSA	1,715	0	0	0	0	0	0	1,715	
ACSS	0	426	0	0	0	0	0	426	
DDR	13,733	0	0	0	0	0	0	13,733	
DS	467,704	0	0	0	0	0	0	467,704	
HSP	5,039,909	61,645	0	0	0	0	0	5,101,554	
PHASE: ENVIRONMENTAL / RESPONSIBLE AGENCY: MANAGED BY FDOT									
SA	40,742	0	0	0	0	0	0	40,742	
TOTAL 434273 4	6,325,137	62,071	0	0	0	0	0	6,387,208	
TOTAL PROJECT:	6,325,137	62,071	0	0	0	0	0	6,387,208	

ITEM NUMBER:436869 1		PROJECT DESCRIPTION:SR-A1A FROM EAST OF LYONS BRIDGE TO SR-732/JENSEN BEACH BLVD.					TYPE OF WORK:SIDEWALK		*NON-SIS*
DISTRICT:04		COUNTY:MARTIN							
EX DESC:2015 MPO PRIORITY #6 FILLING IN SIDEWALK GAPS PER THE MPO SIDEWALK LIMITS OF EXCEPTION FROM MP 6.183 TO MP 6.498		PROJECT LENGTH: 2.060MI					LANES EXIST/IMPROVED/ADDED: 2/ 2/ 0		
FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS	
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DDR	185,186	0	0	0	0	0	0	185,186	
DIH	64,328	0	0	0	0	0	0	64,328	
DS	229,051	0	0	0	0	0	0	229,051	
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DDR	583,250	0	0	0	0	0	0	583,250	
DIH	6,984	6,874	0	0	0	0	0	13,858	
PHASE: ENVIRONMENTAL / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DS	14,832	0	0	0	0	0	0	14,832	
TOTAL 436869 1	1,083,631	6,874	0	0	0	0	0	1,090,505	
TOTAL PROJECT:	1,083,631	6,874	0	0	0	0	0	1,090,505	

HIGHWAYS

ITEM NUMBER:436967 1 PROJECT DESCRIPTION:SR-5/US-1 NORTH OF NW BRITT ROAD *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:TRAFFIC SIGNALS
EX DESC:2016 MPO PRIORITY #1 MASTARM RELOCATION NORTHEAST QUADRANT OF NW MALL ENTRY SOUTH MPO AGREES TO GREEN MAST ARMS R/W
NOT REQUIRED MINOR M&R FR N. OF BRITT RD TO S. OF SR-732/JENSEN BCH BLVD

ROADWAY ID:89010000		PROJECT LENGTH: .292MI					LANES EXIST/IMPROVED/ADDED: 4/ 4/ 0		
FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS	
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DDR	190,836	0	0	0	0	0	0	190,836	
DIH	84,165	0	0	0	0	0	0	84,165	
DS	5,401	0	0	0	0	0	0	5,401	
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DDR	569,952	0	0	0	0	0	0	569,952	
DIH	55,283	3,670	0	0	0	0	0	58,953	
TOTAL 436967 1	905,637	3,670	0	0	0	0	0	909,307	
TOTAL PROJECT:	905,637	3,670	0	0	0	0	0	909,307	

ITEM NUMBER:440473 1 PROJECT DESCRIPTION:SR-732/JENSEN BEACH CAUSEWAY FROM NE INDIAN RIVER DR TO SR-A1A *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:SIGNING/PAVEMENT MARKINGS
EX DESC:2017 MPO PRIORITY #5 PROVIDE BUFFERED SHOULDERS/BIKE LANE

ROADWAY ID:89030000		PROJECT LENGTH: 1.842MI					LANES EXIST/IMPROVED/ADDED: 2/ 0/ 0		
FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS	
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DDR	575,679	0	0	0	0	0	0	575,679	
DIH	70,373	1,182	0	0	0	0	0	71,555	
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DDR	142,719	0	0	0	0	0	0	142,719	
DIH	18,171	105,318	0	0	0	0	0	123,489	
DS	4,561,547	0	0	0	0	0	0	4,561,547	
LF	6,265	143	0	0	0	0	0	6,408	
PHASE: ENVIRONMENTAL / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DS	33,421	0	0	0	0	0	0	33,421	
TOTAL 440473 1	5,408,175	106,643	0	0	0	0	0	5,514,818	
TOTAL PROJECT:	5,408,175	106,643	0	0	0	0	0	5,514,818	

ITEM NUMBER:443505 1 PROJECT DESCRIPTION:SR-5/US-1 FROM SE BRIDGE ROAD TO HOBE SOUND WILDLIFE REFUGE *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:BIKE PATH/TRAIL
EX DESC:SUNTRAIL NAME IS: MARTIN COUNTY US-1 SHARED USE PATH.

ROADWAY ID:89010000		PROJECT LENGTH: 1.930MI					LANES EXIST/IMPROVED/ADDED: 2/ 2/ 0		
FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS	
PHASE: P D & E / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DIH	404	0	0	0	0	0	0	404	
TLWR	199,920	0	0	0	0	0	0	199,920	

FLORIDA DEPARTMENT OF TRANSPORTATION
OFFICE OF WORK PROGRAM
MPO ROLLFORWARD REPORT

HIGHWAYS

PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DIH	9,867	22,493	0	0	0	0	0	0	32,360
TLWR	720,000	80,995	0	0	0	0	0	0	800,995
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT									
DDR	0	0	72,850	0	0	0	0	0	72,850
DIH	0	0	116,559	0	0	0	0	0	116,559
TLWR	0	0	4,823,629	0	0	0	0	0	4,823,629
PHASE: ENVIRONMENTAL / RESPONSIBLE AGENCY: MANAGED BY FDOT									
TLWR	0	216,178	0	0	0	0	0	0	216,178
TOTAL 443505 1	930,191	319,666	5,013,038	0	0	0	0	0	6,262,895
TOTAL PROJECT:	930,191	319,666	5,013,038	0	0	0	0	0	6,262,895

ITEM NUMBER:446033 1 PROJECT DESCRIPTION:SR-76/KANNER HWY FROM SE COVE ROAD TO CABANA POINT CIR *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:LANDSCAPING
EX DESC:52-01: LF WITH MARTIN COUNTY

ROADWAY ID:89060000 PROJECT LENGTH: 3.723MI LANES EXIST/IMPROVED/ADDED: 3/ 3/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DDR	270,921	0	0	0	0	0	0	270,921
DIH	8,409	312	0	0	0	0	0	8,721
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DDR	2,518,533	0	0	0	0	0	0	2,518,533
DIH	862	101,456	0	0	0	0	0	102,318
LF	250,000	0	0	0	0	0	0	250,000
TOTAL 446033 1	3,048,725	101,768	0	0	0	0	0	3,150,493
TOTAL PROJECT:	3,048,725	101,768	0	0	0	0	0	3,150,493

ITEM NUMBER:446110 1 PROJECT DESCRIPTION:SR-5/US-1 FROM SE CONTRACTORS WAY TO N JENSEN BEACH BLVD *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:RESURFACING
EX DESC:RRR EXCEPTION FROM JOAN JEFFERSON WAY TO NW WRIGHT BLVD (INCLUDING ROOSEVELT BRIDGE) INCLUDES EXTENDING SB LEFT TUR N AT SB OCEAN BLVD 52-02 FOR UWHCA CITY OF STUART 52-03 FOR UWHCA MARTIN COUNTY

ROADWAY ID:89010000 PROJECT LENGTH: 4.995MI LANES EXIST/IMPROVED/ADDED: 6/ 4/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DDR	1,204,166	0	0	0	0	0	0	1,204,166
DIH	66,492	1,414	0	0	0	0	0	67,906
PHASE: RAILROAD & UTILITIES / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DS	674,000	0	0	0	0	0	0	674,000
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DDR	11,865,804	0	0	0	0	0	0	11,865,804
DIH	51,043	38,890	0	0	0	0	0	89,933
DS	1,138,072	0	0	0	0	0	0	1,138,072
LF	24,351	1,356	0	0	0	0	0	25,707
PHASE: ENVIRONMENTAL / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DDR	8,220	0	0	0	0	0	0	8,220
DS	250	0	0	0	0	0	0	250
TOTAL 446110 1	15,032,398	41,660	0	0	0	0	0	15,074,058
TOTAL PROJECT:	15,032,398	41,660	0	0	0	0	0	15,074,058

FLORIDA DEPARTMENT OF TRANSPORTATION
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HIGHWAYS

ITEM NUMBER:446112 1 PROJECT DESCRIPTION:SR-76/KANNER HWY FROM NORTH OF SR-710/WARFIELD BLVD TO MP 14.4 *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:RESURFACING
ROADWAY ID:89060000 PROJECT LENGTH: 1.913MI LANES EXIST/IMPROVED/ADDED: 2/ 2/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DDR	400,626		0	0			0	400,626
DIH	30,082	4,506	0	0			0	34,588
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DDR	1,834,222		0	0			0	1,834,222
DIH	21,573	103,286	0	0			0	124,859
DS	1,352,681	0	0	0			0	1,352,681
PHASE: ENVIRONMENTAL / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DDR	7,532		0	0			0	7,532
TOTAL 446112 1	3,646,716	107,792	0	0	0	0	0	3,754,508
TOTAL PROJECT:	3,646,716	107,792	0	0	0	0	0	3,754,508

ITEM NUMBER:447002 1 PROJECT DESCRIPTION:INTERSECTION LIGHTING RETROFIT IMPROVEMENT *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:LIGHTING
EX DESC:INTERSECTION LIGHTING RETROFIT IMPROVEMENT SR-714 @ MAPP RD. G/W 447001.1 (LEAD) AND 447003.1

ROADWAY ID:89091000 PROJECT LENGTH: .015MI LANES EXIST/IMPROVED/ADDED: 4/ 0/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
ACSS	17,464	1,345	0	0			0	18,809
HSP	74,663	0	0	0			0	74,663
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
ACSS	171,009	18,283	0	0			0	189,292
DS	7,105	0	0	0			0	7,105
TOTAL 447002 1	270,241	19,628	0	0	0	0	0	289,869
TOTAL PROJECT:	270,241	19,628	0	0	0	0	0	289,869

ITEM NUMBER:447555 1 PROJECT DESCRIPTION:SR-710/SW WARFIELD BOULEVARD AT CR-714/SW MARTIN HIGHWAY *SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:ROAD RECONSTRUCTION - 2 LANE
EX DESC:2024 MPO PRIORITY #3 G/W 447555.2; INCLUDES RELOCATION OF CR-714 TO SE 126 BLVD B/C RATIO = 4.3 1) FLATTEN THE HORIZONTAL CURVE ON CR-714 2) CONVERT THE EXISTING STOP CONTROLLED INTERSECTION SR 710

ROADWAY ID:89090500 PROJECT LENGTH: .485MI LANES EXIST/IMPROVED/ADDED: 2/ 0/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
ACSA	80,163	0	0	0			0	80,163
ACSS	21,099	25,816	0	0			0	46,915
HSP	3,885	0	0	0			0	3,885
SU	547,719	0	0	0			0	547,719
PHASE: RIGHT OF WAY / RESPONSIBLE AGENCY: MANAGED BY FDOT								
ACSS	0	135,859	176,187	150,330	0		0	462,376
SA	0	18,000	0	0			0	18,000

HIGHWAYS

PHASE: ENVIRONMENTAL / RESPONSIBLE AGENCY: MANAGED BY FDOT								
FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
ACSA	9,468	0	0	0	0	0	0	9,468
TOTAL 447555 1	662,334	179,675	176,187	150,330	0	0	0	1,168,526
TOTAL PROJECT:	662,334	179,675	176,187	150,330	0	0	0	1,168,526

ITEM NUMBER:447687 1 PROJECT DESCRIPTION:SR-5/US-1/SB & NB OVER ST. LUCIE RIVER/SR-707 NEW ROOSEVELT BRIDGE *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:BRIDGE-REPAIR/REHABILITATION
EX DESC:DECLARATION OF EMERGENCY DATED 6/18/2020 BRIDGE NUMBER 890151 & 890152 MARTIN COUNTY PH 62-99 CHARGES FOR SMO (JOHN PETTY CONTRACT)

ROADWAY ID:89015000 PROJECT LENGTH: 1.772MI LANES EXIST/IMPROVED/ADDED: 6/ 0/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: RAILROAD & UTILITIES / RESPONSIBLE AGENCY: MANAGED BY FDOT								
BRRP	5,740	0	0	0	0	0	0	5,740
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
BRRP	115,419	0	0	0	0	0	0	115,419
DDR	559,998	0	0	0	0	0	0	559,998
DIH	427,454	627	0	0	0	0	0	428,081
RBRP	1,330,860	29,124	0	0	0	0	0	1,359,984
PHASE: MISCELLANEOUS / RESPONSIBLE AGENCY: MANAGED BY FDOT								
BRRP	1,098,331	0	0	0	0	0	0	1,098,331
DDR	1,479,582	0	0	0	0	0	0	1,479,582
DS	1,660,632	0	0	0	0	0	0	1,660,632
RBRP	18,654,772	0	0	0	0	0	0	18,654,772
TOTAL 447687 1	25,332,788	29,751	0	0	0	0	0	25,362,539
TOTAL PROJECT:	25,332,788	29,751	0	0	0	0	0	25,362,539

ITEM NUMBER:448307 1 PROJECT DESCRIPTION:CITY OF STUART - VARIOUS LOCATIONS *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:SIDEWALK
EX DESC:2021 MPO TAP PRIORITY #1; LAP W/ MARTIN COUNTY CONSTRUCTION OF CONCRETE SIDEWALKS, ON STREET PARKING HIGH VISIBILITY DECORATIVE CROSSWALK, MILLING AND RESURFACE

ROADWAY ID:89000044 PROJECT LENGTH: .748MI LANES EXIST/IMPROVED/ADDED: 1/ 1/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
TALT	3,275	0	0	0	0	0	0	3,275
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
TALT	0	5,000	0	0	0	0	0	5,000
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY MARTIN COUNTY BOARD OF COUNTY C								
LF	536,522	0	0	0	0	0	0	536,522
SM	580,473	0	0	0	0	0	0	580,473
TALT	363,331	0	0	0	0	0	0	363,331
TALU	596,746	0	0	0	0	0	0	596,746
TOTAL 448307 1	2,080,347	5,000	0	0	0	0	0	2,085,347
TOTAL PROJECT:	2,080,347	5,000	0	0	0	0	0	2,085,347

HIGHWAYS

ITEM NUMBER:453333 1 PROJECT DESCRIPTION:SR-710/SW WARFIELD BLVD FR FPL ACCESS RD TO SW VAN BUREN AVE *SIS*
 DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:ADD LANES & RECONSTRUCT
 EX DESC:RECONSTRUCT SR 710 FR 2 LANE TO 4 LANE DIVIDED HIGHWAY 2024 MPO PRIORITY #1

ROADWAY ID:89070000 PROJECT LENGTH: 5.939MI LANES EXIST/IMPROVED/ADDED: 4/ 2/ 2

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
ACNP	255,000	1,005,000	500,000	25,000	25,000	25,000	0	1,835,000
SA	150,000	0	0	0	0	0	0	150,000
PHASE: RIGHT OF WAY / RESPONSIBLE AGENCY: MANAGED BY FDOT								
ACNP	0	0	1,100,000	2,475,000	1,920,860	4,997,445	544,864	11,038,169
BNIR	0	0	0	0	3,000,000	0	0	3,000,000
TOTAL 453333 1	405,000	1,005,000	1,600,000	2,500,000	4,945,860	5,022,445	544,864	16,023,169

ITEM NUMBER:453333 2 PROJECT DESCRIPTION:SR-710 FROM MARTIN/OKEECHOBEE CO LINE TO FPL POWER PLANT ACCESS ROAD *SIS*
 DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:ADD LANES & RECONSTRUCT
 ROADWAY ID:89070000 PROJECT LENGTH: 9.812MI LANES EXIST/IMPROVED/ADDED: 3/ 3/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
ACNP	550,000	1,690,000	4,725,000	25,000	25,000	25,000	0	7,040,000
PHASE: RIGHT OF WAY / RESPONSIBLE AGENCY: MANAGED BY FDOT								
ACNP	0	0	1,774,019	1,153,213	6,802,060	6,048,186	0	15,777,478
BNIR	0	0	0	0	4,500,000	0	0	4,500,000
DI	0	0	0	8,568,306	0	0	0	8,568,306
TOTAL 453333 2	550,000	1,690,000	6,499,019	9,746,519	11,327,060	6,073,186	0	35,885,784
TOTAL PROJECT:	955,000	2,695,000	8,099,019	12,246,519	16,272,920	11,095,631	544,864	51,908,953
TOTAL DIST: 04	65,681,320	3,679,198	13,288,244	12,396,849	16,272,920	11,095,631	544,864	122,959,026
TOTAL HIGHWAYS	65,681,320	3,679,198	13,288,244	12,396,849	16,272,920	11,095,631	544,864	122,959,026

MARTIN MPO

TURNPIKE

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
ITEM NUMBER:437992 1 PROJECT DESCRIPTION:RESURFACE TPK MAINLINE IN MARTIN CNTY, MP 117.843 - 138.037 *SIS* DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:RESURFACING ROADWAY ID:89470000 PROJECT LENGTH: 20.194MI LANES EXIST/IMPROVED/ADDED: 4/ 4/ 0								
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	225,887	0	0	0	0	0	0	225,887
PKYR	1,773,576	6,074	0	0	0	0	0	1,779,650
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	1,018,060	0	0	0	0	0	0	1,018,060
PKYR	38,692,757	1,699	0	0	0	0	0	38,694,456
TOTAL 437992 1	41,710,280	7,773	0	0	0	0	0	41,718,053
TOTAL PROJECT:	41,710,280	7,773	0	0	0	0	0	41,718,053

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
ITEM NUMBER:446219 1 PROJECT DESCRIPTION:WIDEN TPK(SR91),PALM BEACH C/L TO I-95 CONNECTOR (MP117.7-123.7) (4TO6) *SIS* DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:ADD LANES & RECONSTRUCT ROADWAY ID:89470000 PROJECT LENGTH: 5.847MI LANES EXIST/IMPROVED/ADDED: 4/ 4/ 2								
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	13,832	14,553,033	0	0	0	0	0	14,566,865
PHASE: RIGHT OF WAY / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	0	1,500	0	0	0	0	0	1,500
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	715	0	0	0	0	0	0	715
TOTAL 446219 1	14,547	14,554,533	0	0	0	0	0	14,569,080
TOTAL PROJECT:	14,547	14,554,533	0	0	0	0	0	14,569,080

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
ITEM NUMBER:446332 1 PROJECT DESCRIPTION:WIDEN TPK(SR91), I-95 CONNECTOR TO T.B.MANUEL BRIDGE (MP127-131) (4TO6) *SIS* DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:ADD LANES & RECONSTRUCT ROADWAY ID:89470000 PROJECT LENGTH: 3.800MI LANES EXIST/IMPROVED/ADDED: 4/ 4/ 2								
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	11,759	10,760,411	0	0	0	0	0	10,772,170
PHASE: RIGHT OF WAY / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	0	1,500	0	0	0	0	0	1,500
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	1,424	0	0	0	0	0	0	1,424
TOTAL 446332 1	13,183	10,761,911	0	0	0	0	0	10,775,094
TOTAL PROJECT:	13,183	10,761,911	0	0	0	0	0	10,775,094

FLORIDA DEPARTMENT OF TRANSPORTATION
 OFFICE OF WORK PROGRAM
 MPO ROLLFORWARD REPORT

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TURNPIKE

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ITEM NUMBER:446975 1
 DISTRICT:04
 ROADWAY ID:89470000

PROJECT DESCRIPTION:TPK (SR91) AND I-95 DIRECT CONNECTION INTERCHANGE (MP 125)
 COUNTY:MARTIN
 PROJECT LENGTH: 3.000MI

SIS
 TYPE OF WORK:PD&E/EMO STUDY
 LANES EXIST/IMPROVED/ADDED: 4/ 0/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: P D & E / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	1,383,538	153,364		0	0	0	0	1,536,902
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
PKYI	1,949	0		0	0	0	0	1,949
TOTAL 446975 1	1,385,487	153,364		0	0	0	0	1,538,851
TOTAL PROJECT:	1,385,487	153,364		0	0	0	0	1,538,851
TOTAL DIST: 04	43,123,497	25,477,581		0	0	0	0	68,601,078
TOTAL TURNPIKE	43,123,497	25,477,581		0	0	0	0	68,601,078

TRANSIT

ITEM NUMBER:413493 1 PROJECT DESCRIPTION:PSL UZA - MARTIN COUNTY SECTION 5307 FORMULA FUNDS *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:CAPITAL FOR FIXED ROUTE
EX DESC:MARTIN COUNTY SEC 5307 OPERATING ASSISTANCE GRANT FL-90-X786 FOR 848,725 EXECUTED 8/30/12 PER L.MERRITT GRANT FL-90
-X813 FOR 885,078 EXECUTED 10/25/13 PER L.MERRITT

ROADWAY ID:		PROJECT LENGTH: .000						LANES EXIST/IMPROVED/ADDED: 0/ 0/ 0	
FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS	
PHASE: OPERATIONS / RESPONSIBLE AGENCY: MANAGED BY MARTIN COUNTY									
FTA	1,459,695	5,554,413	510,000	510,000	510,000	510,000	0	9,054,108	
PHASE: CAPITAL / RESPONSIBLE AGENCY: MANAGED BY MARTIN COUNTY									
FTA	1,357,429	5,572,287	650,000	650,000	650,000	650,000	0	9,529,716	
TOTAL 413493 1	2,817,124	11,126,700	1,160,000	1,160,000	1,160,000	1,160,000	0	18,583,824	
TOTAL PROJECT:	2,817,124	11,126,700	1,160,000	1,160,000	1,160,000	1,160,000	0	18,583,824	

ITEM NUMBER:434661 1 PROJECT DESCRIPTION:PSL UZA - MARTIN COUNTY SECTION 5339 CAPITAL FOR BUS & BUS FACILITIES *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:CAPITAL FOR FIXED ROUTE
EX DESC:GRANT FL-34-0018 EXECUTED 7/30/2014 FL-2017-077-00;\$79,083; EXECUTED 8/8/2017 NON-BUDGET REVENUE

ROADWAY ID:		PROJECT LENGTH: .000						LANES EXIST/IMPROVED/ADDED: 0/ 0/ 0	
FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS	
PHASE: CAPITAL / RESPONSIBLE AGENCY: MANAGED BY MARTIN COUNTY									
FTA	293,017	950,128	130,000	130,000	130,000	130,000	0	1,763,145	
TOTAL 434661 1	293,017	950,128	130,000	130,000	130,000	130,000	0	1,763,145	
TOTAL PROJECT:	293,017	950,128	130,000	130,000	130,000	130,000	0	1,763,145	

ITEM NUMBER:453059 2 PROJECT DESCRIPTION:5310 CAPITAL-NON-URBAN UZA-SRA, INC *NON-SIS*
DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:CAPITAL FOR FIXED ROUTE
ROADWAY ID: PROJECT LENGTH: .000 LANES EXIST/IMPROVED/ADDED: 0/ 0/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: CAPITAL / RESPONSIBLE AGENCY: MANAGED BY SENIOR RESOURCE ASSOCIATION								
DPTO	0	9,375	0	0	0	0	0	9,375
DU	0	75,000	0	0	0	0	0	75,000
LF	0	9,375	0	0	0	0	0	9,375
TOTAL 453059 2	0	93,750	0	0	0	0	0	93,750
TOTAL PROJECT:	0	93,750	0	0	0	0	0	93,750
TOTAL DIST: 04	3,110,141	12,170,578	1,290,000	1,290,000	1,290,000	1,290,000	0	20,440,719
TOTAL TRANSIT	3,110,141	12,170,578	1,290,000	1,290,000	1,290,000	1,290,000	0	20,440,719

MISCELLANEOUS

ITEM NUMBER:436735 1 PROJECT DESCRIPTION:JONATHAN DICKINSON STATE PARK-FLAP GRANT FOR TRAIL & US-1 SIGNALIZATN *NON-SIS*
 DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:MISCELLANEOUS CONSTRUCTION
 EX DESC:IN-HOUSE 31 AND 61 FUNDS ARE DIH BECAUSE THE PRIMARY COORDINATION THAT THE DEPARTMENT WILL BE INVOLVED IN WILL BE T
 HE US1 SIGNALIZATION CROSSING ENVIRONMENTAL PHASE FOR GOPHER TORTOISE ON SEGMENT 2

ROADWAY ID:89010000 PROJECT LENGTH: .070MI LANES EXIST/IMPROVED/ADDED: 4/ 0/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DIH	9,149	2,346	0	0	0	0	0	11,495
PHASE: PRELIMINARY ENGINEERING / RESPONSIBLE AGENCY: MANAGED BY FL DEPT OF ENVIRONMENTAL								
DDR	148,225	0	0	0	0	0	0	148,225
DIH	2,865	0	0	0	0	0	0	2,865
PLH	125,000	0	0	0	0	0	0	125,000
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
DIH	1,277	671	0	0	0	0	0	1,948
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FL DEPT OF ENVIRONMENTAL								
DIH	625	0	0	0	0	0	0	625
DS	714,000	0	0	0	0	0	0	714,000
PLH	551,000	0	0	0	0	0	0	551,000
TOTAL 436735 1	1,552,141	3,017	0	0	0	0	0	1,555,158

ITEM NUMBER:436735 2 PROJECT DESCRIPTION:JONATHAN DICKINSON STATE PARK-FLAP GRANT FOR TRAIL & US-1 SIGNALIZATN *NON-SIS*
 DISTRICT:04 COUNTY:MARTIN TYPE OF WORK:ENVIRONMENTAL TEST/MITIGATE
 EX DESC:GOPHER TORTOISE RELOCATION

ROADWAY ID:89010000 PROJECT LENGTH: .070MI LANES EXIST/IMPROVED/ADDED: 2/ 2/ 0

FUND CODE	LESS THAN 2025	2025	2026	2027	2028	2029	GREATER THAN 2029	ALL YEARS
PHASE: CONSTRUCTION / RESPONSIBLE AGENCY: MANAGED BY FDOT								
SA	82	4,918	0	0	0	0	0	5,000
PHASE: ENVIRONMENTAL / RESPONSIBLE AGENCY: MANAGED BY FDOT								
ACSA	104,396	0	0	0	0	0	0	104,396
SA	34,798	0	0	0	0	0	0	34,798
TOTAL 436735 2	139,276	4,918	0	0	0	0	0	144,194
TOTAL PROJECT:	1,691,417	7,935	0	0	0	0	0	1,699,352
TOTAL DIST: 04	1,691,417	7,935	0	0	0	0	0	1,699,352
TOTAL MISCELLANEOUS	1,691,417	7,935	0	0	0	0	0	1,699,352

GRAND TOTAL 113,606,375 41,335,292 14,578,244 13,686,849 17,562,920 12,385,631 544,864 213,700,175



**MARTIN METROPOLITAN PLANNING ORGANIZATION
CITIZEN’S ADVISORY COMMITTEE (CAC) MEETING
AGENDA ITEM SUMMARY**

MEETING DATE: September 4, 2024	DUE DATE: August 28, 2024	UPWP#: 5
WORDING: FY25-FY29 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) MODIFICATION #1		
REQUESTED BY: FDOT	PREPARED BY: Margie Tamblyn / Beth Beltran	DOCUMENT(S) REQUIRING ACTION: FY25-FY29 TIP

BACKGROUND

The Florida Department of Transportation (FDOT) has updated the southeastern project limit for the SR-710 Widening Project (FM# 453333-1). Reflecting this updated project limit for SR-710 in the FY25-FY29 TIP will make this document consistent with the current FDOT programming. The modification is listed below:

- SR-710/SW Warfield Blvd from FPL Access Road to CR-609/Allapattah Road
 - Change project limits to “from FPL Access Road to SW Van Buren Avenue”

The roadway currently transitions from four lanes through Indiantown to two lanes at SW Van Buren Avenue.

ISSUES

At the September MPO Advisory Committee meetings, Martin MPO staff will present the FY25-FY29 TIP Modification.

RECOMMENDED ACTION

Approve TIP modification.

APPROVAL

MPO

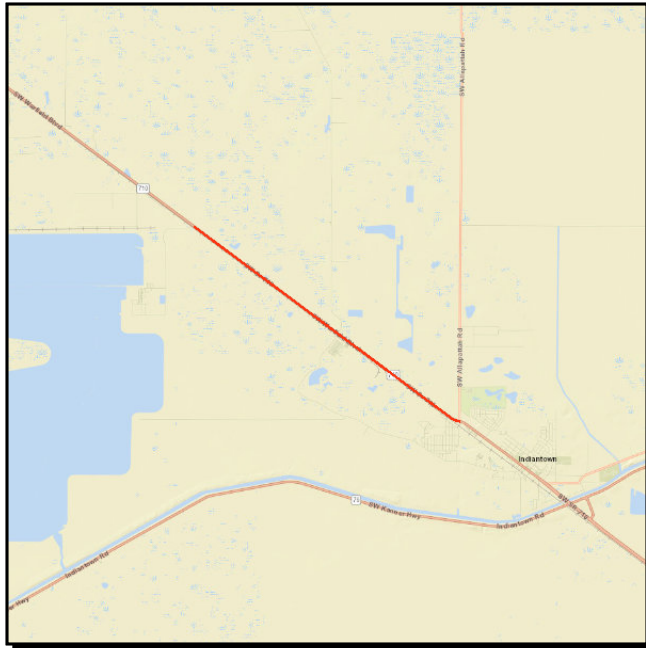
ATTACHMENTS

TIP Project Page

4533331

SR-710/SW WARFIELD BLVD FR FPL ACCESS RD TO SW VAN BUREN AVE

SIS



Project Description: RECONSTRUCT SR 710 FR 2 LANE TO 4 LANE DIVIDED HIGHWAY 2024 MPO PRIORITY #1

Work Summary: ADD LANES & RECONSTRUCT **From:** SW FP&L ACCESS ROAD

To: SW VAN BUREN AVE

Lead Agency: Managed by FDOT **Length:** 5.201

Phase	Fund Source	2024/25	2025/26	2026/27	2027/28	2028/29	Total
PE	ACNP	975,000	500,000	25,000	25,000	25,000	1,550,000
ROW	ACNP	0	1,100,000	2,475,000	1,920,860	4,997,445	10,493,305
ROW	BNIR	0	0	0	3,000,000	0	3,000,000
Total		975,000	1,600,000	2,500,000	4,945,860	5,022,445	15,043,305

Prior Year Cost: 435,000
Future Year Cost: 0
Total Project Cost: 15,478,305



**MARTIN METROPOLITAN PLANNING ORGANIZATION
CITIZEN’S ADVISORY COMMITTEE (CAC) MEETING
AGENDA ITEM SUMMARY**

MEETING DATE: September 4, 2024	DUE DATE: August 28, 2024	UPWP#: 5
WORDING: FY26 – FY30 LIST OF PROJECT PRIORITIES (LOPP) MODIFICATION		
REQUESTED BY: FDOT	PREPARED BY: Margie Tamblyn / Beth Beltran	DOCUMENT(S) REQUIRING ACTION: FY26-FY30 LOPP

BACKGROUND

The FY25-FY29 Transportation Improvement Program (TIP) modification to change the project limits of the SR-710 Widening Project (FM# 453333-1) from FPL Access Road to SW Van Buren Ave, must be reflected in the adopted List of Project Priorities (LOPP).

ISSUES

At the September MPO Advisory Committee meetings, Martin MPO staff will present the FY26-FY30 LOPP Modification.

RECOMMENDED ACTION

Approve TIP modification.

APPROVAL

MPO

ATTACHMENTS

TIP Project Page

**MARTIN MPO FY26-FY30 Federal Attributable
UNFUNDED List of Project Priorities**

FY26 Rank	Facility	Segment Limits		Project Description	2045 LRTP Page	Prev. Rank
		From	To			
1	SR-710	SW Van Buren Ave	Martin/ Okeechobee County Line	Widen from 2-lanes to 4-lanes	76	1
2	SE Cove Rd.	SR-76/ Kanner Hwy.	US-1	Widen from 2-lanes to 4-lanes including bike lanes and shared use pathway	69	2
3	CR-714	Realignment		Flatten curve of CR-714 before intersection at SR-710	Appx. G, pg. 1	3
4	Monterey Rd.	At FEC Railroad		Railroad/roadway grade separation	Appx. H, pg. 5	4
5	NW Alice St.	FEC Crossing		Pedestrian facilities/realign roadway with NW Wright Blvd.	Appx. H, pg. 11	9
6	CR-708/ SE Bridge Rd.	Bascule Bridge		Bridge Replacement	132	5
7	SR-710	At CR-609/SW Allapattah Rd.		Intersection improvements (Signal and Turn Lanes)	128132	13
8	SE Commerce Ave.	SE Indian St.		Roadway leveling, resurfacing, shoulder widening, drainage improvements, pedestrian crosswalks	128, 132	
9	US-1	At SW Palm City Rd.		Intersection reconstruction/Feasibility Study-Alternative 5	128, 132	
10	SW Palm City Rd.	Monterey Rd.		Complete Streets improvements	128, 132	
11	Monterey Rd. & East Ocean Blvd.	Kingswood Ter.		Mid-block pedestrian crosswalks	Appx. H, pg. 11	8
12	Willoughby Blvd. Extension	Monterey Rd.		New 2-lane road with bike lanes and sidewalks/shared use pathways	69	10
13	CR-713/High Meadow Ave.	I-95		Widen from 2 lanes to 4 lanes with shared-use pathway	69	11
14	Dixie Hwy.	Cove Rd.		Resurfacing/Complete Street improvements/CEI	84	12
15	SW Citrus Blvd.	SW Hemingway Ter.		Resurfacing/shoulder widening and bike lanes/safety improvements	128, 132	15
16	CR-609/ SW Allapattah Rd.	SR-710		Resurfacing/southbound left turn lane/shoulder widening/CEI	128, 132	13
17	CR-609/ SW Allapattah Rd.	Approx. 3 miles North of Minute Maid Rd.		Resurfacing/shoulder widening/safety improvements	128, 132	14
18	N Sewall's Point Rd.	East Ocean Blvd.		Mitigate for sea level rise impact	87	16
19	SR-76/ Kanner Hwy.	At SW South River Dr.		New southbound right turn lane at South River Dr. & traffic signal	80	6



**MARTIN METROPOLITAN PLANNING ORGANIZATION
CITIZEN’S ADVISORY COMMITTEE (CAC) MEETING
AGENDA ITEM SUMMARY**

MEETING DATE: September 4, 2024	DUE DATE: August 28, 2024	UPWP#: 1
WORDING: FUNCTIONAL CLASSIFICATION UPDATE		
REQUESTED BY: FDOT	PREPARED BY: Ricardo Vazquez / Beth Beltran	DOCUMENT(S) REQUIRING ACTION: Functional Classification Map

BACKGROUND

Every ten years the Census Bureau delineates urban and rural areas for statistical purposes. The Federal Highway Administration’s (FHWA’s) Federal Functional Classification process occurs following the U.S. Census and adjusts the Census urban boundaries and groups roadways into classes such as principal and minor arterials, collectors, and local streets. FDOT-District Four has initiated this decennial review.

Local government staff met with FDOT and their consultants on August 1, 2024, to review the proposed changes to the functional classification system. FDOT will present the final draft of the functional classification map to the MPO Board at the September 16, 2024, meeting. Once approved by the MPO Board, FDOT will submit the map to FHWA for final adoption.

ISSUES

At the September MPO Advisory Committee meetings, FDOT Staff and their consultant will present the Functional Classification System update.

RECOMMENDED ACTION

Approve Draft 2020 Functional Classification Map

APPROVAL

MPO

ATTACHMENTS

- Functional Classification PowerPoint Presentation
- Draft 2020 Functional Classification Map



2020 Urban Boundary and Functional Classification

Martin County

September 4, 2024





Functional Classification - Overview

- Functional Classification (Funclass) is a method to describe the usage of roadways within the immediate area, regionally for some roadways and statewide for others.
- Federal Highway Administration requires roadways to be functionally classified to fund roadway improvements and perform analysis of the network of roadways.
- Federal-aid Eligibility is determined by Functional Classification which includes roadways higher than Local or Rural Minor Collector.
 - Surface Transportation Block Grant (STBG) funds are used on Federal-aid roadways.
 - Federal Highway-Emergency Relief (FHWA-ER) are used after a disaster declaration (e.g., hurricane, floods, tornados,...)





Functional Classification - Roles

- FDOT performs initial review and determination of Funclass.
- City and County agencies review Funclass within and adjacent to their boundaries providing concurrence or recommendations for Funclass of roadways.
- MPO/TPO/TPA approve the Funclass by signing the official maps.
- FDOT & FHWA approve the Funclass by signing the official maps.





Functional Classification – Correlation of Mobility/Land Access

Proportion of Services	Functional Classification	Generally
	<p>Principal Arterials</p>	<p>Primarily, freeways and interstates, help move people and goods longer distances and connect to other communities.</p>
	<p>Minor Arterials Collectors</p>	<p>These facilities movement within the vicinity.</p>
	<p>Locals</p>	<p>Local roads are lower in mobility and have direct access to properties.</p>

Source: FHWA Functional Classification Guidelines – Early Edition



Functional Classification – Roadway Attribute Generalities

Functional Class	Access Points	Speed Limit	AADT	Lanes	Length
Principal Art	Few	Highest	Highest	Most	Longest
Minor Art	Few	High	High	Medium	Medium
Major Collector	Medium	Medium	Medium	Medium	Medium
Minor Collector	Medium	Low	Low	Low	Short
Local	Many	Lowest	Lowest	Few	Shortest

Data Source: FDOT FCUAB Handbook





Functional Classification - Process

Steps	Description
1	Align Functional Classification with 2024 Smoothed Urban Area Boundaries
2	Determine Changes to Functional Classification based on Roadway Purpose
3	Review “Local Roads” and determine additions to Federal-aid System – Surface Transportation Block Grant (STBG)

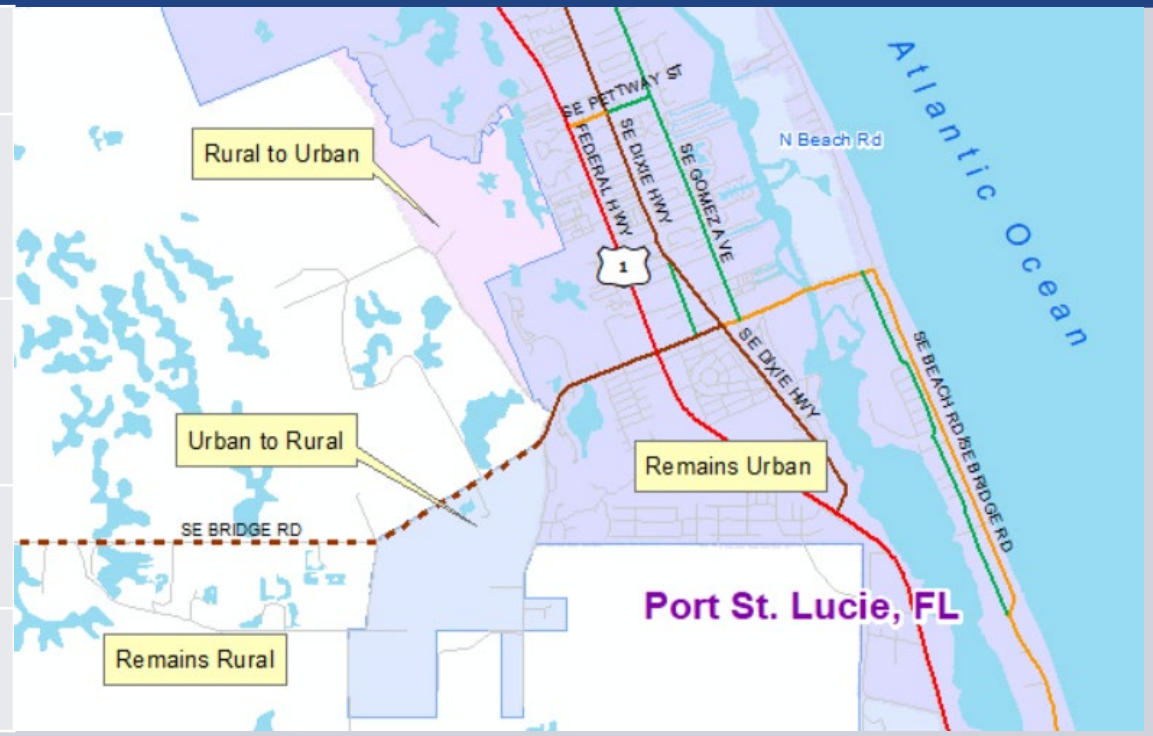




Functional Classification – Align with Urban Boundaries

1. How the Urban Boundary affects the Functional Class

Urban Area	Results
Smoothed 2014	Inside 2014/now rural
Smoothed 2024	Inside 2024/now urban
Both	Inside both/remains urban
Rural	Outside both/remains rural



Data Source: FDOT FCUAB Handbook



Functional Classification – Align with Urban Boundaries Result

County	FUNCTIONAL CLASS: 2014 vs. 2024														Rural to Urban Total	Urban to Rural Total	Net Change (Miles)	
	Interstate		Expressway		Principal Arterial/Other		Minor Arterial		Major Collector		Minor Collector		Local					
	Rural to Urban	Urban to Rural	Rural to Urban	Urban to Rural	Rural to Urban	Urban to Rural	Rural to Urban	Urban to Rural	Rural to Urban	Urban to Rural	Rural to Urban	Urban to Rural	Rural to Urban	Urban to Rural				
Broward	0.562				0.472									0.273		1.307		1.307 U
Indian River	1.252				0.254	0.033	1.038	2.456	1.068	1.937				2.923		3.612	7.349	3.737 R
Martin					2.279	3.339	3.351	7.187				3.139		0.711		5.630	14.376	8.746 R
Palm Beach	0.145		0.170		2.577	4.653	0.501	0.016		1.545	0.502	2.012	0.283			4.178	8.226	4.048 R
St. Lucie		0.040	0.012		0.017	0.564		0.526		0.539						0.029	1.669	1.640 R
Total	1.959	0.040	0.182		5.599	8.589	4.890	10.185	1.068	4.021	0.598	5.151	0.556	3.634		14.756	31.620	16.768 R

Data Source: RCI



Functional Classification – Align with Urban Boundaries Summary

FUNCTIONAL CLASS: 2014 vs. 2024			
COUNTY	2014 Rural to 2024 Urban	2014 Urban to 2024 Rural	Net Change (Miles)
Broward	1.307		1.307 Urban
Indian River	3.612	7.349	3.737 Rural
Martin	5.630	14.376	8.746 Rural
Palm Beach	4.178	8.226	4.048 Rural
St. Lucie	0.029	1.669	1.640 Rural
Total	14.759	31.620	16.768 Rural

Data Source: RCI





Functional Classification – Align with Urban Boundaries Funding Results

FUNCTIONAL CLASS: 2014 vs. 2024			
COUNTY	Added to Fed. Aid Eligibility (Rural to Urban Minor Coll.)	Removed from Fed. Aid Eligibility (Urban to Rural Minor Coll.)	No Changes to Fed. Aid Eligibility
Broward			1.307
Indian River			10.961
Martin		3.139	16.867
Palm Beach	0.502	2.012	9.890
St. Lucie			1.698
Total	0.502	5.151	40.723

Data Source: RCI

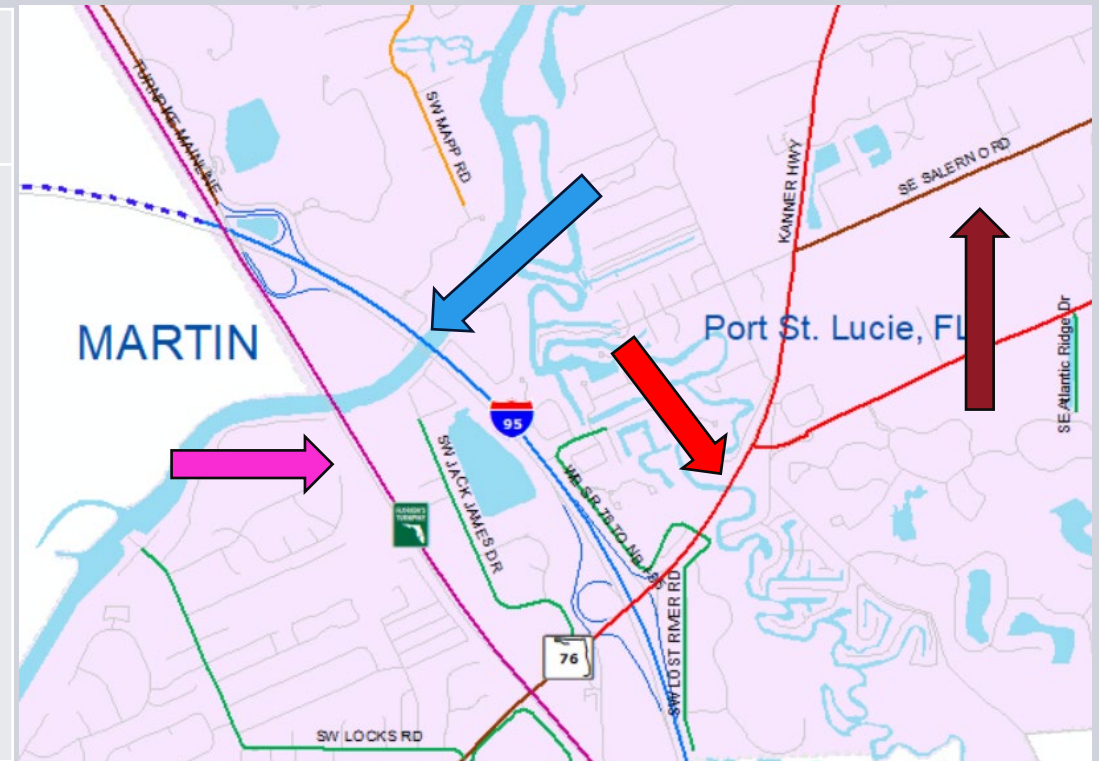




Functional Classification – Major Roadways

2. Roadway Purposes that Influence the Functional Class

Functional Class	Required # of Roadway Purposes	Roadway Purpose
Principal Arterial (Blue, Red, Pink)	2+	<ol style="list-style-type: none"> Travel to and through UAB Travel to and through small UA National defense Interstate and regional commerce
Minor Arterial (Brown)	1	<ol style="list-style-type: none"> Access to airports, seaports, and major rail terminals, or intermodal transfer facilities Access to major public facilities Access to minor public facilities



Data Source: FDOT FCUAB Handbook

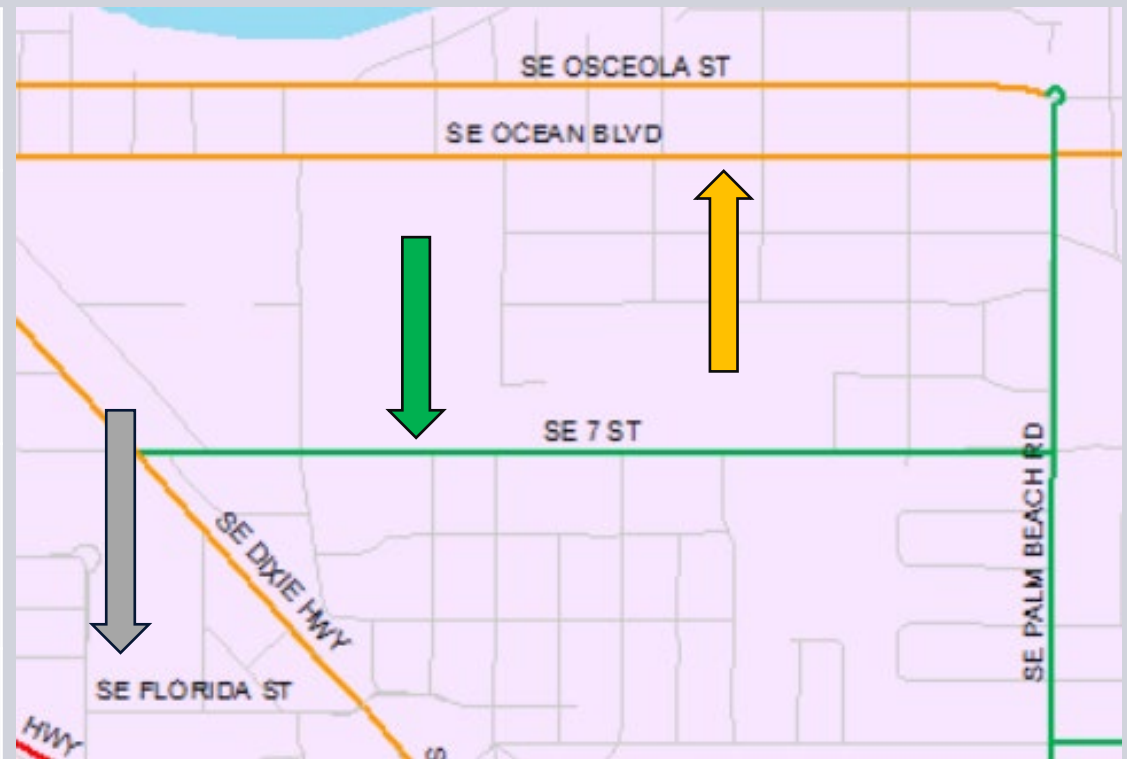




Functional Classification – Minor Roadways

2. Roadway Purposes that Influence the Functional Class

Functional Class	Required # of Roadway Purposes	Roadway Purpose
Major Collector (Orange)	1+	<ol style="list-style-type: none"> Interconnect of major thoroughfares Interconnect of minor thoroughfares Access to concentrated property use areas
Minor Collector (Green)	1	<ol style="list-style-type: none"> Access to rural diffused property & lower density Urban residential and commercial/ industrial areas.
Local (Gray)	1	<ol style="list-style-type: none"> Local roads



Data Source: FDOT FCUAB Handbook





Functional Classification – Funclass Evaluation

Martin County	2024 Functional Classification (changed to)				Grand Total
	2014 Functional Classification (changed from)	Rural Principal Arterial-Other 04	Urban Principal Arterial-Other 14	Urban Major Collector 17	
Rural Minor Arterial 06	12.333				12.333
Urban Minor Arterial 16		0.010	1.367		1.377
Urban Major Collector 17				0.018	0.018
Urban Minor Collector 18			7.682		7.682
Urban Local 19			1.925	1.883	3.808
Grand Total	12.333	0.010	10.974	1.901	25.218



Data Source: ...





Functional Classification - Additions

3. Review Local Roadways & Determine Additions

These additions are typically Minor Collectors that provide access primarily to neighborhoods with little to no driveway connections.



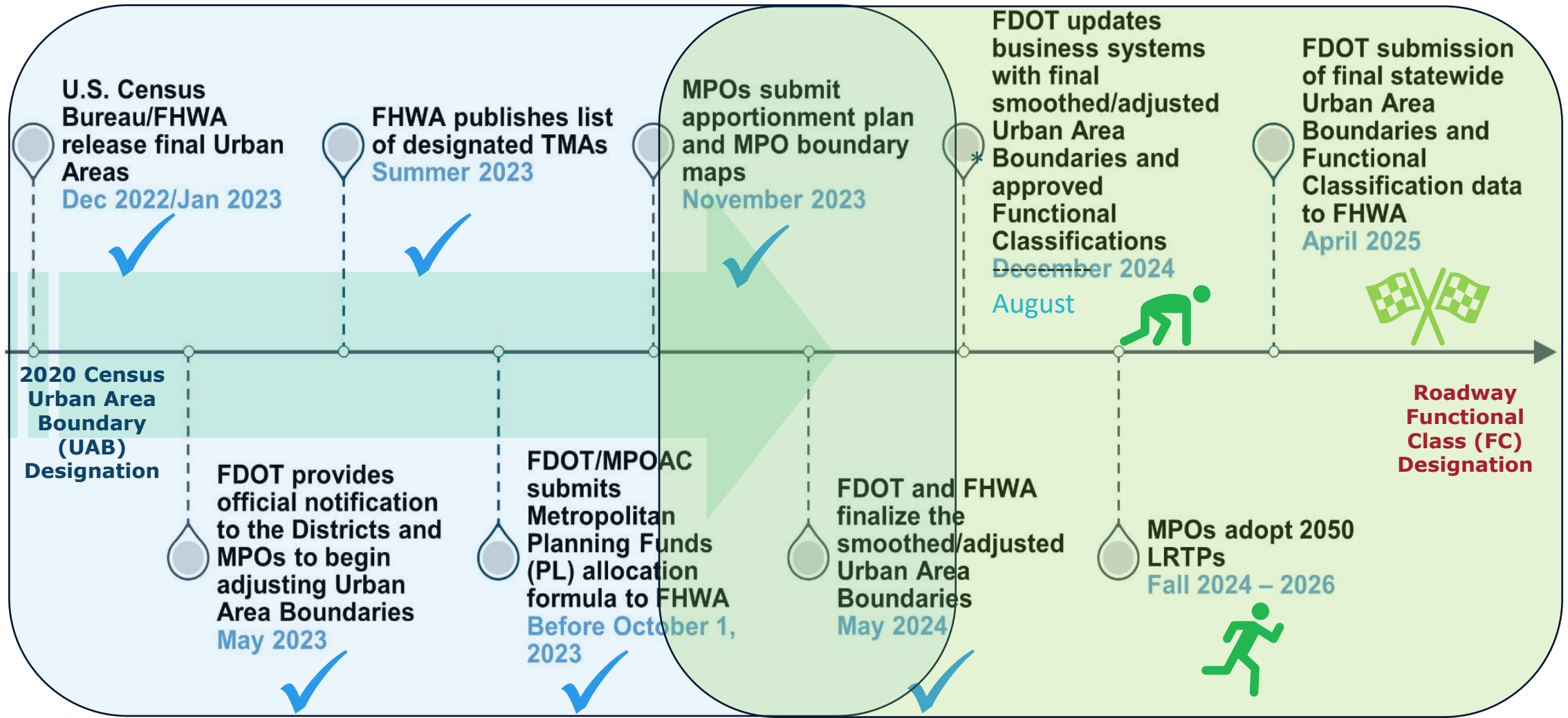
Functional Classification – Additions Results

COUNTY	Additions					Net Change (Miles)
	Rural Major Collector 07	Rural Minor Collector 08	Urban Minor Arterial 16	Urban Major Collector 17	Urban Minor Collector 18	
Broward				4.165	32.106	36.271
Indian River	1.468	6.901	1.361	3.127	16.989	29.840
Martin		3.550		2.783	16.471	22.804
Palm Beach					103.213	103.213
St. Lucie					13.645	13.645
Total	1.468	10.075	1.361	10.075	182.424	205.779

Data Source: US Census Bureau Tiger Lines



Functional Classification - Process Timeline



* FHWA will consider all urban area boundaries final as of April 15, 2025 and will use the original 2020 Census boundaries for all urban areas that have not been adjusted.





Functional Classification – Status

Completed Activities

- Smoothed Urban Boundaries were approved by Board earlier this year
- Functional Class reviewed by FDOT, Cities, Counties, & MPO
- Draft Final Functional Class submitted to TDA/FHWA for Pre-Approval

Pending Activities

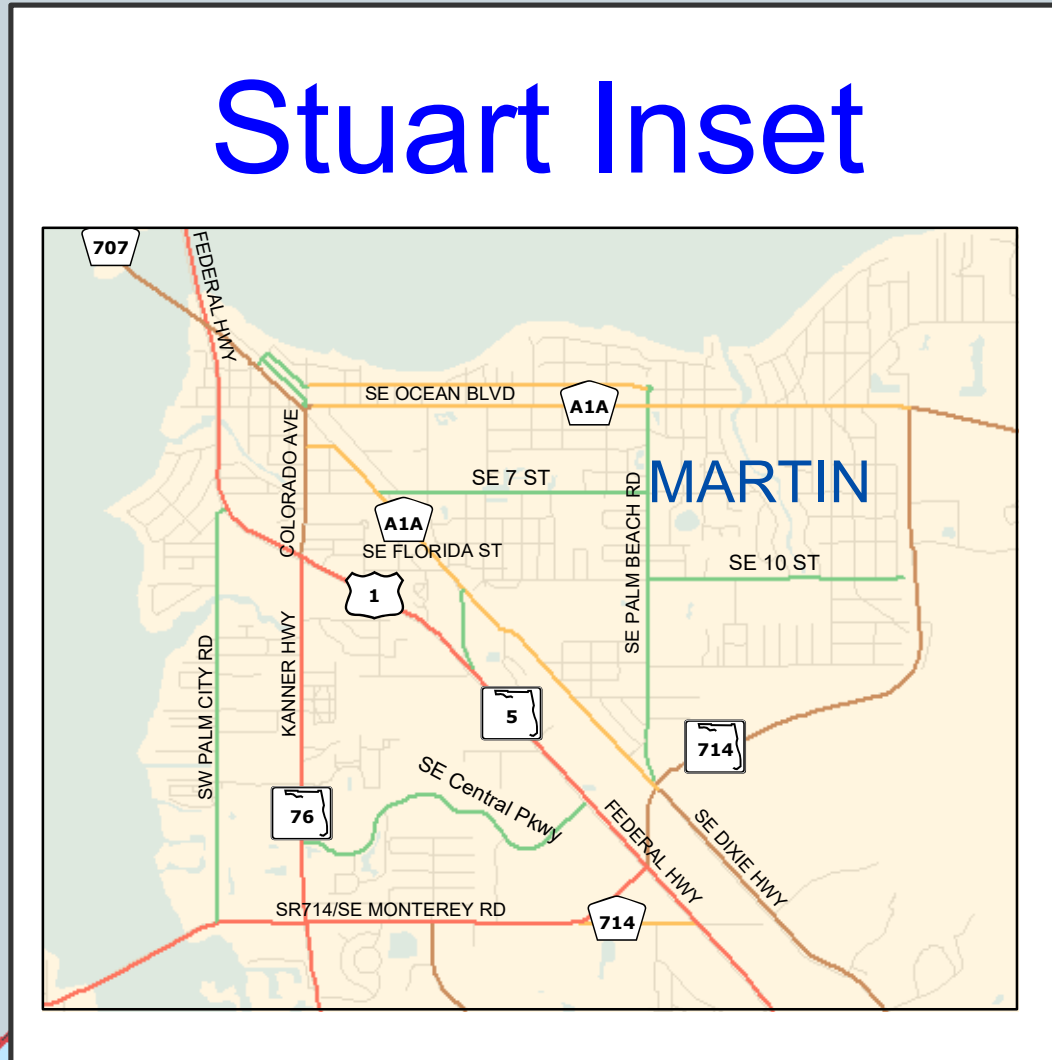
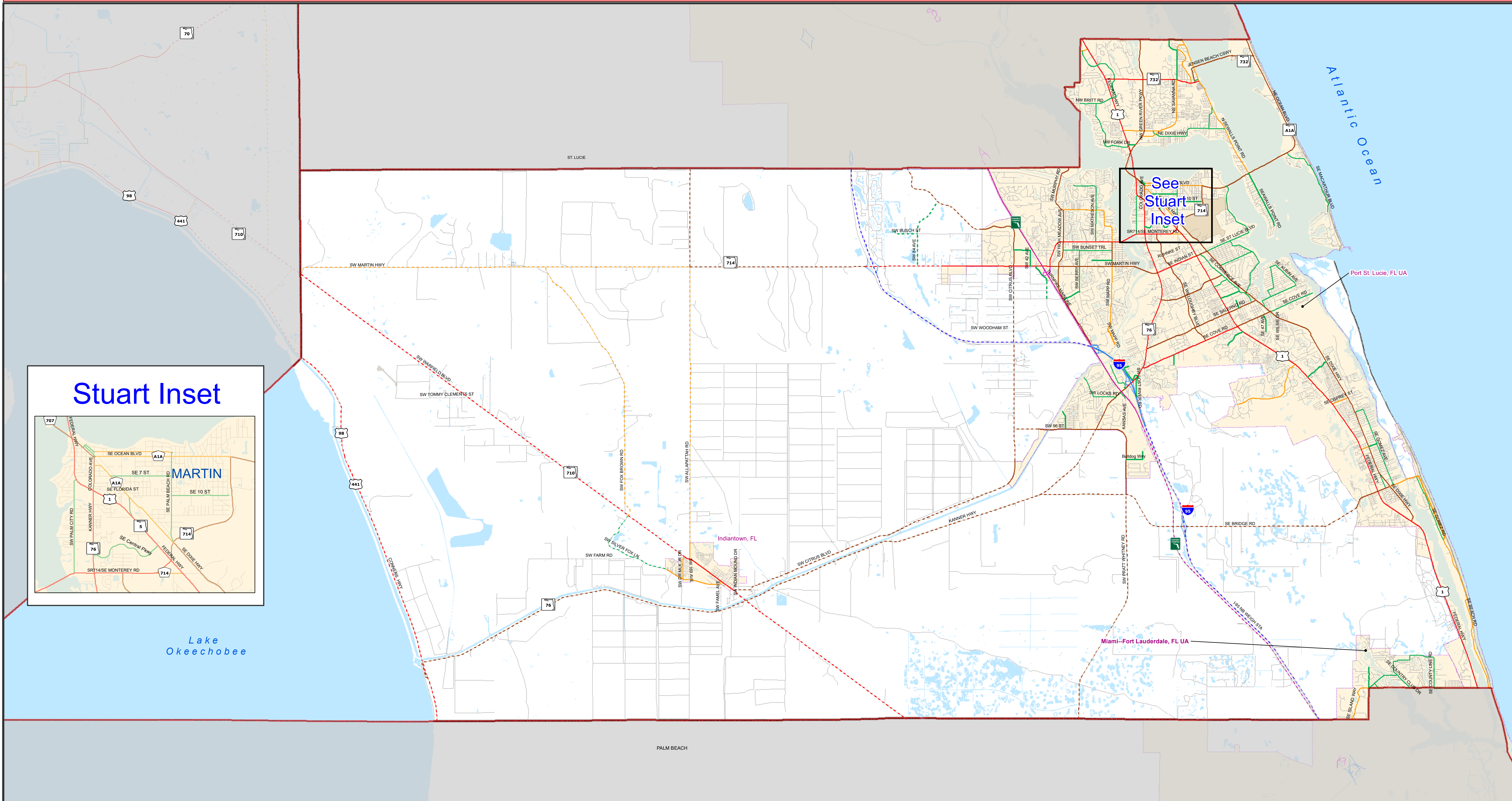
- Incorporate changes from Central Office/FHWA
 - Roads without *broken ground* – may be postponed
- Submit maps to MPO for Signatures
- Submit maps to Central Office/FHWA for Signatures
- Update Roadway Characteristics Inventory (RCI) System



Questions?



2020 FEDERAL FUNCTIONAL CLASSIFICATION AND URBAN AREA BOUNDARIES MAP



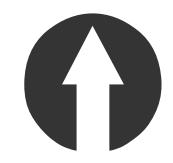
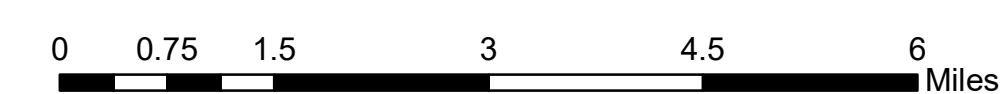
2020_D4_Smoothed Urban Area	
*** Federal Functional Classifications ***	
01 - Principal Arterial-Interstate RURAL	11 - Principal Arterial-Interstate URBAN
02 - Principal Arterial-Expressway RURAL	12 - Principal Arterial-Freeway and Expressway URBAN
04 - Principal Arterial-Other RURAL	14 - Principal Arterial-Other URBAN
06 - Minor Arterial RURAL	16 - Minor Arterial URBAN
07 - Major Collector RURAL	17 - Major Collector URBAN
08 - Minor Collector RURAL	18 - Minor Collector (Fed Aid) URBAN
09 - Local RURAL	19 - Local URBAN

MARTIN COUNTY

Recommended By: **Final Draft** Approved By:

Florida Department of Transportation Date Federal Highway Administration Date

Metropolitan Planning Organization Chair Date



Prepared By:
 FLORIDA DEPARTMENT OF TRANSPORTATION
 in cooperation with the
 US DEPARTMENT OF TRANSPORTATION

File Created:
 08/24/2024





**CITIZEN’S ADVISORY COMMITTEE (CAC) MEETING
AGENDA ITEM SUMMARY**

MEETING DATE: September 4, 2024	DUE DATE: August 28, 2024	UPWP#: 6
WORDING: SR-A1A/SE OCEAN BLVD ROAD SAFETY AUDIT (RSA)		
REQUESTED BY: MPO	PREPARED BY: Lucine Martens / Beth Beltran	DOCUMENT(S) REQUIRING ACTION: N/A

BACKGROUND

FDOT District 4 has conducted a Road Safety Audit along SR-A1A (SE Ocean Blvd.) from east of Monterey Rd. to west of Evans Crary Sr. Bridge. A key to the RSA process is involving stakeholders that are outside of the study team to provide insight, knowledge, and ideas.

The Federal Highway Administration defines a Road Safety Audit as:

...the formal safety performance examination of an existing or future road or intersection by an independent, multidisciplinary team. It qualitatively estimates and reports on potential road safety issues and identifies opportunities for improvements in safety for all road users. The FHWA works with State and local jurisdictions and Tribal Governments to integrate RSAs into the project development process for new roads and intersections and also encourages RSAs on existing roads and intersections.

ISSUES

At the September 2024 cycle of MPO Advisory Committee meetings and MPO Policy Board meeting, FDOT staff will present the SR-A1A/SE Ocean Blvd RSA findings and recommendations.

RECOMMENDED ACTION

Provide comments.

APPROVAL

MPO

ATTACHMENTS

- SR-A1A/SE Ocean Blvd RSA PowerPoint Presentation
- RSA Fact Sheet

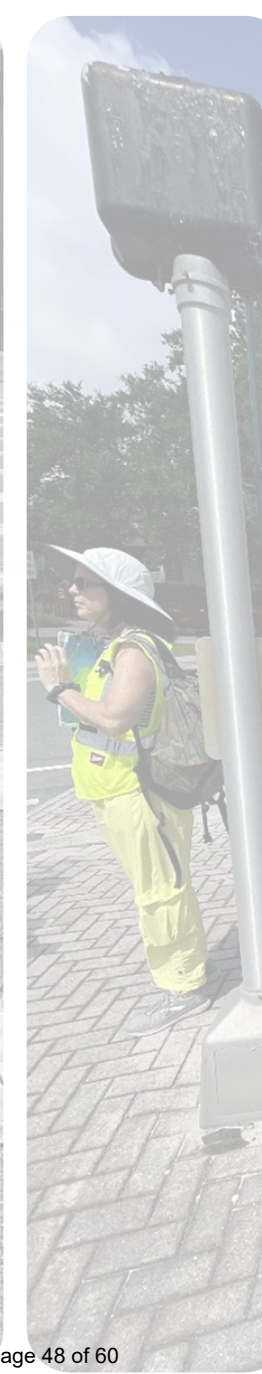
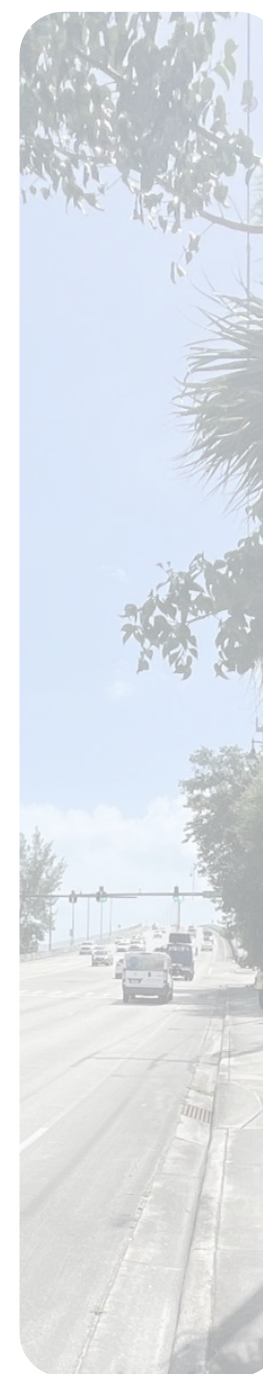
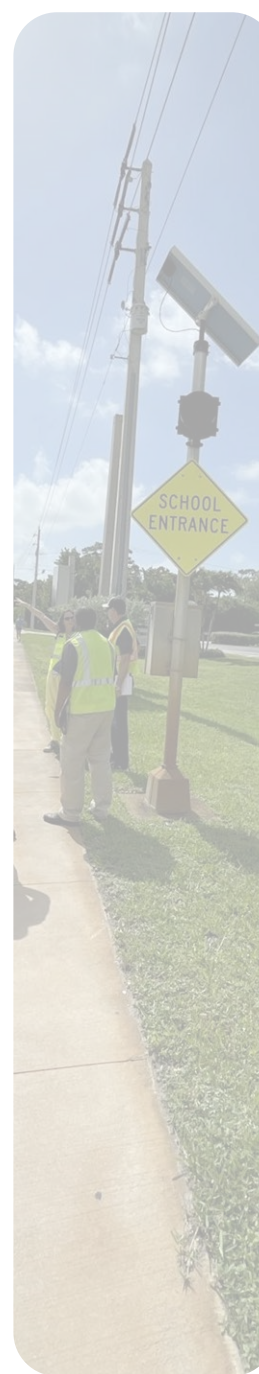
MARTIN MPO

Metropolitan Planning Organization

Road Safety Audit (RSA) SR-A1A from East of Monterey Rd. to St. Lucie Blvd.

Informational Update

September 4th 2024



FDOT Road Safety Audits v. FDOT Safety Studies

Road Safety Audit

Road Safety Audits are...

- Conducted by an independent multidisciplinary team.
- Cooperative with stakeholders including state and local jurisdictions.
- A formal examination of corridor and intersection conditions.
- Broad enough to consider the safety of all road users and facilities.
- A proactive approach to safety.

Road Safety Audit Outcomes:

- Identification of potential road safety issues.
- Recommendations for improvements to enhance safety for all road users.
- A formal RSA report that documents findings and suggestions for mitigating identified safety concerns
- Implementation plan developed by FDOT

Safety Studies are ...

- Conducted only by team with design and/or safety expertise.
- Data driven, focused on crash analysis and field review.
- Often resulting in recommendations of robust engineering solutions including feasibility analysis.

What is an RSA and Who Conducts Them?

What is a Road Safety Audit (RSA)?

A formal safety performance examination of roadway segment or intersection by an independent, multidisciplinary team.

RSA Team



- FDOT Offices
- Law Enforcement
- Local Municipalities
- MPOs/TPAs/TPOs
- County Representatives
- Safety Champions/Residents

Team of Experts



- Traffic Engineering and Safety
- Roadway Design
- Ped-Bike Specialist
- CEI Team (Work Zone RSAs)

- The goal of an RSA is to answer the following questions:
 - What elements of the roadway present a safety concern: to what **extent**, to what **road users**, and what **circumstances**?
 - What elements can mitigate or eliminate the identified safety concerns?
 - How can we focus on **short-term, low-cost** recommendations?

RSA Process



Focused Project: SR-A1A from Monterey Rd to Evans Crary Bridge

Road Safety Audit

This location was identified based on **2021 High Crash Segments List (Signal 4)** that is prioritized based on crash rate and crash severity indices.

Project Location



Traffic Data on SR-A1A

Roadway ID	Segment Description	Average Daily Traffic	Posted Speed Limit
89 040 000	SR-A1A/E Ocean Blvd. - E of Monterey Rd. to St. Lucie Blvd.	26,000	35 mph

Roadway ID	Segment Length (miles)	Context Class	Functional Class
89 040 000	0.786	C3R-Suburban Residential	Minor Arterial

Roadway ID	Typical Section
89 040 000	4-lane, 2-way with bidirectional center lane with Five (5) feet wide bike lanes present on both sides of the corridor

- **Previous Studies:**

- East Ocean Blvd./SE Monterey Road Corridor Traffic Study – Conducted by the MPO, May 2014
- Treasure Coast Pedestrian Crosswalk Master Plan Phase 1 – Conducted by FDOT, July 2021

What Did We Do?

Road Safety Audit

Pre-meeting

- 06/05/2024 – 8:00am
- Meet to get initial feedback from stakeholders and any major items for concern for the Field Review.

Field Review

- 06/20/2024 – 10am-12pm
- Review conditions of roadway and provide any safety concerns for the final document.

Field Review Debrief

- 06/27/2024 – 10am
- Meet with stakeholders with draft final document to discuss findings and recommendations

General Attendees – Martin County, MPO, RSA Team

SR-A1A from Monterey Rd to Evans Crary Sr. Bridge Crashes 2018-2023

Road Safety Audit

SR-A1A from E of Monterey Rd. to W of Evans Crary Sr. Bridge		Years						6-Year Total Crashes	Mean Crashes per Year	Severe Crashes	% of Total Crashes
		2018	2019	2020	2021	2022	2023				
Crash Type	Angle	0	0	0	1	2	2	5	0.8	1	4.10%
	Bicycle	0	1	0	0	2	1	4	0.7	0	3.30%
	Left-Turn	6	4	4	10	4	7	35	5.8	1	28.50%
	Off Road	0	0	0	1	0	0	1	0.2	1	0.80%
	Pedestrian	2	0	1	1	0	0	4	0.7	1	3.30%
	Rear-End	12	11	7	10	9	3	52	8.7	0	42.20%
	Sideswipe	1	1	3	6	4	5	20	3.3	0	16.20%
	U-Turn	1	0	0	0	0	0	1	0.2	0	0.80%
	Out of Control	0	0	1	0	0	0	1	0.2	0	0.80%
	Total	22	17	16	29	21	18	123	20.6	4	100%
Injury Severity	Fatal	0	0	0	1	0	0	1	0.2	-	0.80%
	Incapacitating	1	0	0	1	0	1	3	0.5	-	2.40%
	No Injury	11	12	14	19	14	12	82	13.7	-	66.70%
	Non-Incapacitating Injury	5	3	0	4	4	4	20	3.3	-	16.30%
	Possible Injury	5	2	2	4	3	1	17	2.8	-	13.80%
	Total	22	17	16	29	21	18	123	20.5	-	100%

Top 3 crash types:

1. 52 Rear-Ends
2. 35 Left-Turns
3. 20 Sideswipes

Pedestrian and Bicycle crashes:

- 4 pedestrian crashes
- 4 bicycle crashes

3 Incapacitating Crashes:

- Pedestrian in the crosswalk during do not walk phase.
- Left Turn involving three vehicles.
- Angle crash into a parking lot entrance

1 Fatal Crash:

- Off Road crash into an electrical pole

HSMV Report Number	Collision No.	Date	Crash Type	Injury Severity	Day, Time, Lighting, Road Conditions	Summary
87613883	7	5/11/2018	Pedestrian	Incapacitating	Friday, 8:50 pm Dark - Not Lighted, Dry	V1 was traveling eastbound on SE Ocean Blvd. in the left lane and was approaching the intersection for Vista pines (2600 SE Ocean Blvd). V1 had a solid green light and continued driving through the intersection hitting a pedestrian crossing in the crosswalk with the Don't Walk phase.
24292675	24	5/4/2021	Left Turn	Incapacitating	Tuesday, 5:30 pm Daylight, Dry	V2 was going eastbound on SE Ocean Blvd. while westbound V1 made left turn into its path causing V2 to hit the side of V1. As a result, V1 struck the rear of V3 as it was making right turn out of Walgreens parking lot.
24293166	29	10/8/2021	Off Road	Fatal	Friday, 2:58 pm Daylight, Dry	Vehicle was traveling eastbound on SE Ocean Blvd. in the inside lane and appeared to veer off the roadway and crashed into a concrete electrical pole.
25158958	44	2/19/2023	Angle	Incapacitating	Sunday, 4:26 pm Daylight, Dry	V2 was westbound on SE Ocean Blvd. in the outside lane of traffic. V1 attempted to make a right-hand turn out of the parking lot 2873 SE Ocean Blvd. (Abbyss Salon) onto SE Ocean Blvd. V1 failed to yield right away to V2 and pulled out onto the roadway in front of V2, causing V2 to crash into the front driver-side fender area of the vehicle.

Field Review Observations

Road Safety Audit

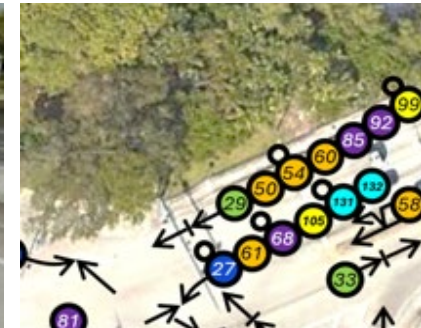
• Maintenance of Pedestrian Facilities

- **Location:** Corridor wide, but mainly at signalized intersections
- Pedestrian Issues (multiple wheelchair users observed during field visit):
 - Poor conditions of detectable warning surfaces.
 - Foliage blocking pedestrian view/path.
 - Cracked/broken sidewalk



• Speeding from the Evans Crary Sr. Bridge

- **Location:** Signalized intersection of SR-A1A and Port St. Lucie Blvd
- Issues on Evans Crary Sr. Bridge WB approach:
 - Steep downward grade.
 - Speed shift from 40 mph to 35 mph.
 - 14 crashes from 2018-2023.
 - Martin County and Martin MPO have mentioned this.



• Roadway & Pavement Striping:

- **Location:** Corridor wide
- Issues:
 - RPMs missing
 - Faded crosswalk markings



Recommendations

Road Safety Audit

• Maintenance of Pedestrian Facilities

- Replace broken detectable warning surfaces. (S03, S06, S08-S10)
- Coordinate with maintenance agency to trim foliage. (C07)
- Repair sidewalk sections. (C02)

• Speeding from the Evans Crary Sr. Bridge

- Install speed limit pavement markings (S14)
- Install W3-3 and W3-4 signs with warning signs ahead of signal. (S13)
- Conduct speed study (S15)

• Roadway & Pavement Striping:

- Replace missing RPMs (C01)
- Restripe intersection and approach markings to current FDOT standards (S01, S02, S05)



Detectable warning surface example – S03, S06, S08-S10



Speed limit pavement marking example from FHWA - S14



W3-3 "Signal Ahead" with W3-4 "Be Prepared to Stop", from the MUTCD - S13

Findings: SR-A1A from Monterey Rd to Evans Crary Sr. Bridge

Road Safety Audit

Road Safety Audit Findings Summary

ID	Location Description:	Observations:	Recommendations:
C01	A1A from east of Monterey Rd. to St. Lucie Blvd.	Missing RPMs	Install RPMs as needed along corridor
C02	A1A from east of Monterey Rd. to St. Lucie Blvd.	Sidewalk broken	Fix broken sidewalk
C03	A1A from east of Monterey Rd. to St. Lucie Blvd.	Tripping hazard from brick buffer area	Fix elevation difference
C04	A1A from east of Monterey Rd. to St. Lucie Blvd.	Existing standard bicycle lanes	Upgrade to green bicycle lanes at access points
C05	A1A from east of Monterey Rd. to St. Lucie Blvd.	Missing backplates and yellow retroreflective borders	Install flexible backplates and yellow retroreflective borders
C06	A1A from east of Monterey Rd. to St. Lucie Blvd.	Heavy left turn usage	Evaluate feasibility of implementing flashing yellow arrows
C07	A1A from east of Monterey Rd. to St. Lucie Blvd.	Maintenance items	Resolve maintenance items accordingly
C08	A1A from east of Monterey Rd. to Kingswood/Ocean Cove Entrance	Ponding in bicycle lane along curb	Review drainage
C09	A1A from Ocean East Mall to St Lucie Blvd.	Deteriorated/cracked curb on approaches	Repair curbing
C10	A1A from east of Monterey Rd. to Kingswood/Ocean Cove Entrance	High level of left turn crashes and access management concerns	Conduct a feasibility study for protected left turn lanes and medians
C12	A1A from east of Monterey Rd. to Vista Pines	Mid-block crossing	For informational purpose only

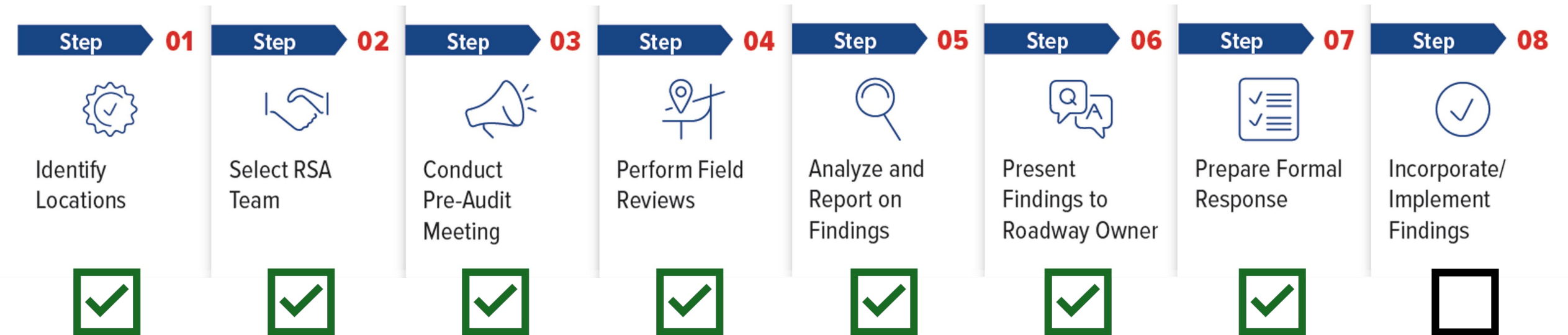
Legend: C## Corridor-wide Recommendation S## Spot Recommendation

Road Safety Audit Findings Summary

ID	Location Description:	Observations:	Recommendations:
S01	A1A and Ocean East Mall	Faded intersection markings	Restripe markings
S02	A1A and Ocean East Mall	Faded crosswalk markings	Restripe crosswalk markings
S03	A1A and Ocean East Mall	Broken detectable warning surface	Replace detectable warning surface
S04	A1A from 756 feet east of Ocean East Mall to 2710 SE Ocean Blvd (The Pointe)	Clustered speed limit signs	Remove existing speed limit sign 300 feet west of Vista Pines and move or install new upstream
S05	A1A and Vista Pines	Faded crosswalk markings	Restripe crosswalk markings
S06	A1A and Vista Pines	Broken detectable warning surface	Replace detectable warning surface
S07	A1A and Vista Pines	Northbound traffic light sight distance	Evaluate feasibility of lowering the northbound signal height
S08	A1A and Vista Pines	Narrow and deteriorating detectable warning surface	Widen the curb ramp and replace the detectable warning surfaces
S09	A1A and Kingswood/Ocean Cove Entrance	Broken detectable warning surface	Replace detectable warning surface
S10	Cedar Pointe Plaza Entrance	Broken detectable warning surface	Replace detectable warning surface
S11	A1A and St. Lucie Blvd.	Missing detectable warning surface	Install detectable warning surface

Next Steps: Process Driven

RSA Process



Questions – Comments

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Florida Department of Transportation Road Safety Audit (RSA)

What is a Road Safety Audit (RSA)?

A formal safety performance examination of roadway segment or intersection by an independent, multidisciplinary team.

RSA Team

- FDOT Offices
- Law Enforcement
- Local Municipalities
- MPOs/TPAs/TPOs
- County Representatives
- Safety Champions/Residents

Team of Experts

- Traffic Engineering and Safety
- Roadway Design
- Ped-Bike Specialist
- CEI Team (Work Zone RSAs)

RSA Process



RSA vs Safety Study

RSAs

- Conducted by independent and multidisciplinary team
- Receive input from stakeholders (Locals)
- Works with State and Local jurisdictions
- **Focus on short-term, low-cost recommendations, not necessarily based on crash history, but also on existing condition, best practices, input from stakeholders**
- **May recommend additional studies**
- Proactive approach to safety
- Considers all roadway users and user behavior
- Generates formal report and responses

Safety Studies

- Safety team usually not completely independent from design team
- Typically performed by team with only design and/or safety expertise
- Data driven, focused on crash analysis and field review
- Can recommend robust engineering solutions including feasibility analysis

Outcomes of an RSA

- Identification of potential road safety issues
- Recommendations for improvements to enhance safety for all road users
- A formal RSA report that documents findings and suggestions for mitigating identified safety concerns
- Implementation plan developed by FDOT

Be Prepared!

Learn the Why and How of RSAs, click on the link below or scan the QR code!

Florida LTAP Center
[Road Safety Audits Training Series - Part 1](#)



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