

TECHNICAL ADVISORY COMMITTEE (TAC)

Rescheduled Regular Meeting

Tuesday, November 28, 2023 1:30 pm

Public Participation/Accessibility

Participation in Person: Public comments may be provided in person at the meeting. Persons who require special accommodations under the Americans with Disabilities Act (ADA) or persons who require translation services (free of charge) should contact the St. Lucie TPO at 772-462-1593 at least five days prior to the meeting. Persons who are hearing or speech impaired may use the Florida Relay System by dialing 711.

Participation by Webconference (not intended for Committee Members): Using a computer or smartphone, register at <u>https://attendee.gotowebinar.com/register/7274038410629225817</u>. After the registration is completed, a confirmation will be emailed containing instructions for joining the webconference. Public comments may be provided through the webconference chatbox during the meeting.

Written and Telephone Comments: Comment by email to <u>TPOAdmin@stlucieco.org</u>; by regular mail to the St. Lucie TPO, 466 SW Port St. Lucie Boulevard, Suite 111, Port St. Lucie, Florida 34953; or call 772-462-1593 until 1:00 pm on November 28, 2023.

AGENDA

- 1. Call to Order
- 2. Roll Call
- 3. Comments from the Public
- 4. Approval of Agenda
- 5. Approval of Meeting Summary
 - August 22, 2023 Regular Meeting
- 6. <u>Action Items</u>
 - **6a. 2024 Meeting Dates:** Approval of the proposed 2024 meeting dates for the St. Lucie TPO TAC.

Action: Approve the proposed 2024 meeting dates, approve with conditions, or do not approve.

6b. Amendments to the FY 2023/24 – FY 2027/28 Transportation Improvement Program (TIP): Review of TIP Amendments #2 - #7.

Action: Review and recommend adoption of the TIP Amendments, recommend adoption with conditions, or do not recommend adoption.

6c. St. Lucie Freight Network (SLFN) Update: Review of the Update to the SLFN.

Action: Review and recommend adoption of the SLFN Update, recommend adoption with conditions, or do not recommend adoption.

7. Discussion Items

 FY 2024/25 – 2025/26 Unified Planning Work Program (UPWP)
Call for Planning Projects: Initial discussion of the development of the FY 2024/25 – 2025/26 UPWP for the St. Lucie TPO.

Action: Discuss and propose planning priorities and/or projects for potential inclusion in the FY 2024/25 – 2025/26 UPWP.

7b. Transit Development Plan (TDP) Major Update Status Report: Presentation of a status report on the TDP Major Update.

Action: Discuss and provide comments to Staff.

8. Recommendations/Comments by Members

9. Staff Comments

10. Next Meeting: Subject to the approval of Agenda Item 6a, the next St. Lucie TPO TAC meeting is a regular meeting scheduled for 1:30 pm on Tuesday, January 23, 2024.

11. Adjourn

NOTICES

The St. Lucie TPO satisfies the requirements of various nondiscrimination laws and regulations including Title VI of the Civil Rights Act of 1964. Public participation is welcome without regard to race, color, national origin, age, sex, religion, disability, income, or family status. Persons wishing to express their concerns about nondiscrimination should contact Marceia Lathou, the Title VI/ADA Coordinator of the St. Lucie TPO, at 772-462-1593 or via email at lathoum@stlucieco.org.

Items not included on the agenda may also be heard in consideration of the best interests of the public's health, safety, welfare, and as necessary to protect every person's right of access. If any person decides to appeal any decision made by the St. Lucie TPO Advisory Committees with respect to any matter considered at a meeting, that person shall need a record of the proceedings, and for such a purpose, that person may need to ensure that a verbatim record of the proceedings is made which includes the testimony and evidence upon which the appeal is to be based.

<u>Kreyol Ayisyen</u>: Si ou ta renmen resevwa enfòmasyon sa a nan lang Kreyòl Aysiyen, tanpri rele nimewo 772-462-1593.

Español: Si usted desea recibir esta información en español, por favor llame al 772-462-1593.



Transportation Organization

Coco Vista Centre 466 SW Port St. Lucie Blvd. Suite 111 Port St. Lucie, Florida 34953 772-462-1593 www.stlucietpo.org

TECHNICAL ADVISORY COMMITTEE (TAC)

REGULAR MEETING

DATE: Tuesday, August 22, 2023

TIME: 1:30 pm

LOCATION: St. Lucie TPO Coco Vista Centre 466 SW Port St. Lucie Boulevard, Suite 111 Port St. Lucie, Florida

MEETING SUMMARY

1. Call to Order

Vice Chairman Balcer called the meeting to order at 1:35 pm.

2. Roll Call

The roll was conducted via sign-in sheet, and the following members were present:

Members Present

Benjamin Balcer, Vice Chairman Jack Andrews Adolfo Covelli Patrick Dayan Joe DeFronzo Robert Driscoll

Cameron Howard

Sargeant Cortland Jones Mary Savage-Dunham

Representing

St. Lucie County Planning Fort Pierce Engineering St. Lucie County Transit St. Lucie County Public Works Port St. Lucie Public Works Independent Public Transportation Operator Treasure Coast International Airport St. Lucie County Sheriff's Office Port St. Lucie Planning

Heath Stocton

<u>Others Present</u>	<u>Representing</u>
Kyle Bowman	St. Lucie TPO
Peter Buchwald	St. Lucie TPO
Marceia Lathou	St. Lucie TPO
Mike Middlebrook (via web)	St. Lucie TPO
Rachel Harrison	Recording Specialist
James Brown	Florida's Turnpike
Kelly Budhu	Florida Department of
	Transportation (FDOT)
Carmen Galdos (via web)	Kimley-Horn
Tony Norat	FDOT
Ian Rairden	Kimley-Horn

Mr. Buchwald noted that the recent retirement of Marty Sanders had left the office of TAC Chairperson vacant, explaining that the members could conduct an election immediately or wait until the annual TAC elections in January as there was only one more regular meeting scheduled in the intervening months. In response to Mr. DeFronzo's question, Mr. Buchwald explained that an interim chairperson could be elected if the Vice Chairman were unable to attend that meeting. Vice Chairman Balcer indicated that he would likely have to miss the TAC meeting scheduled for November, but members agreed to wait until January to hold the elections.

Port St. Lucie Public Works

Mr. Buchwald welcomed Mr. Howard, Sergeant Jones, and Ms. Budhu as new TAC representatives.

3. Comments from the Public – None.

- 4. Approval of Agenda
- * **MOTION** by Mr. Dayan to approve the agenda.
- ** SECONDED by Mr. Covelli

Carried **UNANIMOUSLY**

5. Approval of Meeting Summary

- May 16, 2023 Regular Meeting
- * **MOTION** by Mr. Driscoll to approve the Meeting Summary.
- ** **SECONDED** by Mr. DeFronzo

Carried UNANIMOUSLY

DRAFT

6. <u>Action Items</u>

6a. East Midway Road Corridor Study: Presentation of the draft East Midway Road Corridor Study.

Mr. Buchwald explained that public and local agency input had identified several safety issues pertaining to the segment of Midway Road between U.S. Highway 1 and Indian River Drive, issues that could potentially be exacerbated by the future crossing of the East Coast Greenway/Florida Shared-Use Network (SUN) Trail. He indicated that Kimley-Horn had been engaged to conduct the evaluation of the corridor and introduced Mr. Rairden. Mr. Rairden clarified the boundaries of the segment under study as well as the Study's goals and objectives before presenting information regarding the corridor's traffic patterns, including 85th percentile speeds, crash data, and a capacity analysis. He summarized the features of the programmed SUN Trail project and then enumerated the safety issues that had been identified during the evaluation along with the improvements being recommended to mitigate them. Mr. Rairden then provided an overview of two possible alternatives for the design of the roundabout recommended for the intersection of Midway and Weatherbee Roads.

Mr. Andrews reported that the Fort Pierce Engineering Department had received complaints regarding a right-of-way conflict at the northeast quadrant of the intersection of U.S. Highway 1 and Midway Road caused by simultaneous green arrows for drivers turning right from Midway Road onto U.S. Highway 1 and drivers attempting U-turns on U.S. Highway 1. After consulting his field notes, Mr. Rairden remarked that the traffic signals did not appear to be in conflict but noted that a yield sign might be needed for U-turns on U.S. Highway 1. It was suggested that the conflict might have resulted from a recent upgrade, and Mr. Rairden indicated he would investigate the matter further.

Mr. Dayan commended Mr. Rairden on his presentation, noting that the corridor's safety issues were a matter of concern to many. In response to Mr. Dayan's request for clarification, Mr. Rairden described the Fitch barrier being recommended for installation at the eastern end of Midway Road as being similar in function to a guardrail and able to cushion the impact of a vehicle. Mr. Dayan expressed concern over how the limited embankment at the roadway's terminus might impede the construction of the barrier and questioned whether rumble strips had been considered. Mr. Rairden then explained that the flashing LED stop sign had been recommended for implementation at the intersection of Indian River Drive rather than rumble strips or a

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flashing beacon because it was deemed the least disruptive option for nearby residents.

In answer to Sergeant Jones' question, Mr. Rairden explained that the speed data had been obtained by placing four speed detectors along the corridor and avoiding locations near curves where drivers tend to slow down.

Mr. Dayan suggested that the report relabel some of the "Maintenance Recommendations" as "Near-Term Recommendations" to facilitate programming and budgeting efforts. In response to Mr. Buchwald's request for clarification, Mr. Dayan identified \$8,500 to \$10,000 as an appropriate minimum cost threshold for the redesignation.

Mr. DeFronzo commended the presentation's thoroughness but expressed his concern regarding the long-term effectiveness of the rail safety measures recommended for the eastern end of Midway Road, especially considering the anticipated speed of Brightline's trains. Mr. Rairden commented on the importance of combining enforcement efforts with education, citing his experience in Broward County. Mr. DeFronzo remarked on the need for a Safe Systems Approach and suggested that location be given additional consideration in a separate study. Mr. Rairden noted that one possible strategy could be adding gates on both sides of the railroad tracks to more effectively hinder vehicles from crossing when a train is on approach.

Mr. Dayan noted that he had recently given a presentation in St. Lucie Village during which residents expressed concern over the railroad crossings adjacent to Old Dixie Highway. He noted that 11 of the 14 crossings in St. Lucie County would have four gates, and discussion ensued regarding the various rail safety improvements to be implemented.

- * **MOTION** by Mr. Dayan to recommend acceptance of the draft East Midway Road Corridor Study with the condition that the members' comments be incorporated into the report.
- ** SECONDED by Mr. Andrews Carried UNANIMOUSLY
 - **6b. Sustainable Transportation Plan:** Presentation of the draft Sustainable Transportation Plan.

Mr. Buchwald invited Ms. Lathou to present the agenda item. She identified the modes of transportation included in the Sustainable Transportation Plan, described how such modes were incorporated into

the TPO's planning efforts, and explained how the SmartMoves 2045 Long Range Transportation Plan provided for the establishment of mobility hubs along I-95. She provided information on Automated, Connected, Electric, and Shared-Use (ACES) vehicles before describing the purpose and scope of the Plan. Ms. Lathou enumerated several components of the mobility hubs and then explained how suitable locations had been identified for the hubs in the TPO area, subsequently outlining the prioritization criteria used to rank the locations. She listed the top 10 locations in St. Lucie County, detailing the concepts for the top four, and concluded with considerations regarding implementation.

Mr. DeFronzo commended the TPO for its proactive mobility planning, commenting on a recent trip to the West Coast during which he observed a great deal of redevelopment with intentional avoidance of parking emphasis on onsite and an multi-mobility options. Mr. Buchwald expounded upon the Plan's land acquisition priorities, explaining how both the process and products of the Transit Development Plan (TDP) Major Update would complement the efforts presently under discussion. He described the stages of the TDP Major Update and announced the upcoming workshops to be conducted as part of the Update's outreach activities. Mr. Covelli then provided an update on the County's microtransit system, describing the program's history, improvements, forthcomina service and lona-term development.

- **MOTION** by Mr. Dayan to recommend acceptance of the draft Plan.
- ** SECONDED by Mr. Covelli

Carried UNANIMOUSLY

6c. 2024 Legislative Priorities: Review of the proposed Legislative Priorities for the St. Lucie TPO for 2024.

Mr. Buchwald explained that the TPO adopts legislative priorities each year based on the results of the current year's Florida Legislative Session and the legislative priorities of other transportation organizations. He then presented the legislative priorities being recommended for consideration for 2024, which included the Hands-Free Florida handheld device prohibition for drivers, the Moving Florida Forward Forever fuel tax replacement, and the Move Over for People protection for vulnerable road users.

Mr. Dayan indicated his approval of the Priorities. In response to his request for clarification, Mr. Buchwald explained that the proposed Florida fuel tax replacement would consist of an annual fee assessed

for drivers of non-gasoline-powered cars that would be equivalent to the average amount paid in taxes by drivers of traditionally fueled cars.

- * **MOTION** by Mr. Covelli to recommend adoption of the proposed priorities.
- ** SECONDED by Mr. DeFronzo Carried UNANIMOUSLY
 - 6d. Advanced Air Mobility (AAM) Study Phase 2 Scope of Services: Review of the draft Scope of Services for Phase 2 of the AAM Study.

Mr. Buchwald introduced Advanced Air Mobility (AAM) as a topic and explained that the Study would comprise an AAM demand analysis, use cases evaluation, the identification of at least three suitable destination locations within the TPO area for drone ports along with potential origin locations within the Treasure Coast International (TCI) Airport property, and a visual simulation of the AAM operation to assess its probable impact on the current transportation network in the TPO area. He described the approach to be taken in developing the Study's components, identified the consultant engaged to conduct it, and concluded with the Study's timeline and cost.

- * **MOTION** by Mr. Driscoll to recommend approval of the draft Scope of Services.
- **SECONDED** by Mr. Howard

Carried **UNANIMOUSLY**

6e. Congestion Management Process (CMP) Major Update Scope of Services: Review of the CMP Major Update draft Scope of Services.

Mr. Buchwald defined the Congestion Management Process (CMP) and explained that it was required by Federal law for MPOs whose jurisdictions had populations greater than 200,000. He described the TPO's CMP, the last major update of which occurred in 2018, as involving the annual allocation of \$300,000 to \$400,000 toward CMP projects in the TPO's List of Priority Projects (LOPP). Mr. Buchwald then enumerated the various tasks constituting the Major Update as well as the agency partners to be consulted for input, concluding with an identification of the Update's consultant, timeline, and cost.

Mr. Buchwald noted that some of the improvements identified in the East Midway Road Corridor Study would be suitable for inclusion in the CMP List if combined into projects costing \$300,000 to \$400,000.

- * **MOTION** by Mr. Dayan to recommend approval of the draft Scope of Services.
- ** **SECONDED** by Mr. Driscoll Carried **UNANIMOUSLY**
- 7. Recommendations/Comments by Members None.
- 8. Staff Comments Mr. Buchwald noted that Nicole Fogarty, who could not attend today's meeting, had assumed the St. Lucie Public Schools position vacated by former TAC Chairperson Marty Sanders, who recently retired.
- **9. Next Meeting:** The next St. Lucie TPO TAC meeting is a joint meeting with the Citizens Advisory Committee and the Bicycle-Pedestrian Advisory Committee scheduled for 1:30 pm on Tuesday, October 17, 2023.
- **10.** Adjourn The meeting was adjourned at 2:40 pm.

Respectfully submitted:

Approved by:

Rachel Harrison Recording Specialist Benjamin Balcer Vice Chairman



AGENDA ITEM SUMMARY

Board/Committee:	Technical Advisory Committee (TAC)

- Meeting Date: November 28, 2023
- Item Number: 6a
- Item Title: 2024 Meeting Dates
- Item Origination: Annual administrative business
- **UPWP Reference:** Task 1.1 Program Management
- **Requested Action:** Approve the proposed 2024 meeting dates, approve with conditions, or do not approve.
- **Staff Recommendation:** It is recommended that the proposed 2024 meeting dates be approved.

Attachments

• TAC Proposed 2024 Meeting Dates

Technical Advisory Committee (TAC) *PROPOSED* 2024 Meeting Dates

(Approved: _____)

Tuesday, January 23, 2024, 1:30 pm

Tuesday, March 19, 2024, 1:30 pm

Tuesday, May 21, 2024, 1:30 pm

Tuesday, July 23, 2024, 1:30 pm

Tuesday, September 17, 2024, 1:30 pm

Tuesday, November 19, 2024, 1:30 pm (Joint Meeting with the Citizens Advisory Committee and the Bicycle-Pedestrian Advisory Committee)

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<u>Kreyol Ayisyen</u>: Si ou ta renmen resevwa enfòmasyon sa a nan lang Kreyòl Aysiyen, tanpri rele nimewo 772-462-1593.

Español: Si usted desea recibir esta información en español, por favor llame al 772-462-1593.



AGENDA ITEM SUMMARY

Board/Committee: Technical Advisory Committee (TAC)

Meeting Date: November 28, 2023

Item Number: 6b

- Item Title:Amendments to the FY 2023/24 FY 2027/28Transportation Improvement Program (TIP)
- **Item Origination:** City of Port St. Lucie and Florida Department of Transportation (FDOT) District 4
- UPWP Reference: Task 3.3 TIP
- Requested Action:Review and recommend adoption of the TIP
Amendments, recommend adoption with
conditions, or do not recommend adoption.
- **Staff Recommendation:** Because the proposed TIP amendments are consistent with the SmartMoves 2045 Long Range Transportation Plan and do not impact the fiscal constraint of the TIP, it is recommended that the proposed TIP amendments be recommended to the TPO Board for adoption.

Attachments

- Staff Report
- TIP Amendment Request Letters
- Village Green Drive Excerpt from RAISE 2023 Fact Sheets
- New/Revised TIP Project Pages



MEMORANDUM

TO: Technical Advisory Committee (TAC)

- FROM: Peter Buchwald Executive Director
- DATE: November 21, 2023
- SUBJECT: Amendments to the FY 2023/24 FY 2027/28 Transportation Improvement Program (TIP)

BACKGROUND

The FY 2023/24 – FY 2027/28 TIP was adopted by the TPO Board on June 7, 2023. Florida Department of Transportation (FDOT) District 4 recently added three (3) new carbon reduction projects to its Work Program and made changes to two (2) existing projects subsequent to the TPO's adoption of the TIP and requests amendments to reflect those changes in the TPO's TIP. In addition, the City of Port St. Lucie requests to add a project to the TPO's TIP to execute a recently-received grant.

ANALYSIS

As summarized in the attached requests from FDOT District 4, the funding source of the Construction phase of the Emerson Avenue Resurfacing Project changed and the total cost increased by almost \$700,000, and the length of the Jenkins Road project increased from 2.128 miles to 5.104 miles due to an initial error in the mile posts with the total cost of the Project Development and Environment (PD&E) phase being increased by about \$2.5 million. The revised TIP pages to reflect this changes are attached.

The following three (3) projects that are included in the TPO's Carbon Reduction Program 2023/24 List of Priority Projects (LOPP) were added to the FDOT's Work Program:

 Installation of new 6-foot-wide sidewalks on both sides of Nebraska Avenue from South Lawnwood Circle to South 13th Street;

- Resurfacing the multi-use path along Green River Parkway from Walton Road to the Martin County Line; and,
- Improvement of the intersection of Gatlin Boulevard at Savona Boulevard.

The requests from FDOT District 4 and TIP pages to be added to reflect these new projects are attached.

Earlier this year, the City of Port St. Lucie received a \$2 million planning grant from the U.S. Department of Transportation (US DOT) Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Program to design improvements to the Village Green Drive corridor from SE Tiffany Avenue to US Highway 1 which was identified by the TPO as the top priority among 137 corridors in need of Complete Street improvements in the TPO area. The addition of the project to the TPO's TIP and FDOT's State TIP is required to execute the grant. The project fact sheet and the TIP page to be added to reflect the new project are attached.

Because new funding will be added to the TIP that equals the costs of the aforementioned projects, the projects will not impact the fiscal constraint of the TIP. The projects are consistent with the TPO's SmartMoves 2045 Long Range Transportation Plan (LRTP). Therefore, the TIP amendments are consistent with the SmartMoves 2045 LRTP.

RECOMMENDATION

Because the proposed TIP amendments are consistent with the SmartMoves 2045 LRTP and do not impact the fiscal constraint of the TIP, it is recommended that the proposed TIP amendments be recommended to the TPO Board for adoption.



RON DESANTIS GOVERNOR 3400 West Commercial Boulevard Fort Lauderdale, FL 33309 JARED W. PERDUE, P.E. SECRETARY

November 7, 2023

Mr. Peter Buchwald, AICP Executive Director St. Lucie Transportation Planning Organization 466 SW Port St. Lucie Blvd, Suite 111 Port St. Lucie, FL 34953

SUBJECT:St. Lucie Transportation Planning Organization
TIP Amendment Request FY 2023/24 – 2027/28
447651-1 SR-607/EMERSON AVE FR NORTH OF SR-614/INDRIO RD TO SOUTH OF
25TH ST SW

Dear Mr. Buchwald:

Pursuant to Part IV – Chapter 5: Statewide and Local Transportation Improvement Programs (STIP and TIP) of the Work Program Instructions, the Florida Department of Transportation (FDOT) requests your processing and approval of the attached modification to the FY 2023/24 - 2027/28 Transportation Improvement Program.

This modification is required because of funding reallocation and/or cost changes and needs to be reflected in the TIP. The project funding is being revised from District Dedicated Revenue (DDR) state funds to STP, Any Area (SA) and ACPR (Protect Grant PGM) federal funds for FY25.

This project is consistent with the goals of the St. Lucie Transportation Planning Organization's Long-Range Transportation Plan. The TIP remains financially constrained. A State Transportation Improvement Program (STIP) Modification is required.

The TIP modification is as follows:

	FM#	Project Name	Project Description
EXISTING	447651-1	SR-607/EMERSON AVE FR NORTH OF SR-614/INDRIO RD TO SOUTH OF 25TH ST SW	RESURFACING
	Project length		2.236 MI

	Phase	Fund	FY 2025	
	CST	DDR	\$4,634,038	
	CST	DIH	\$62,248	
	CST	DS	\$677,181	
		TOTAL	\$5,373,467	
	FM#	Proj	ject Name	Project Description
	447651-1	NORTH OF	IERSON AVE FR F SR-614/INDRIO UTH OF 25TH ST SW	RESURFACING
D		Project Le	ngth	2.236 MI
OSE	Phase	ase Fund FY 2025		
ROP	CST	ACPR	\$1,008,420	
ΡF	CST	DDR	\$2,185,414	
	CST	DS	\$658,619	
	CST	SA	\$2,184,187	
		TOTAL	\$6,041,141	
	Justificatio	on for chang	es: Change in fund	ing type.

If you have any questions or need additional information, please contact me on (954) 777-4365.

Sincerely, DocuSigned by: Kelly Budhu MPO Liaison FDOT – District 4



RON DESANTIS GOVERNOR 3400 West Commercial Boulevard Fort Lauderdale, FL 33309 JARED W. PERDUE, P.E. SECRETARY

November 16, 2023

Mr. Peter Buchwald, AICP Executive Director St. Lucie Transportation Planning Organization 466 SW Port St. Lucie Blvd, Suite 111 Port St. Lucie, FL 34953

SUBJECT:St. Lucie Transportation Planning OrganizationTIP Amendment Request FY 2023/24 – 2027/28JENKINS ROAD FROM CR-712/MIDWAY ROAD TO SR-68/ORANGE AVENUE

Dear Mr. Buchwald:

Pursuant to Part IV – Chapter 5: Statewide and Local Transportation Improvement Programs (STIP and TIP) of the Work Program Instructions, the Florida Department of Transportation (FDOT) requests your processing and approval of the attached amendment to the FY 2023/24 - 2027/28 Transportation Improvement Program.

This amendment is required because the project cost has increased by more than 20% AND \$2 million, and the project length has increased by more than ½ mile and needs to be reflected in the TIP. Advance Construction SU (ACSU) funds have been added to FY24.Also, the project length will be increasing from 2.128 miles to 5.104 miles due to an initial error in the mile posts.

This project is consistent with the goals of the St. Lucie Transportation Planning Organization's Long-Range Transportation Plan. The TIP remains financially constrained. A State Transportation Improvement Program (STIP) Amendment is required.

The TIP modification is as follows:

	FM#	Project Name	Project Description
EXISTING	446331-1	JENKINS ROAD FROM CR- 712/MIDWAY ROAD TO SR- 68/ORANGE AVENUE	2024 TPO PRIORITY #6 LFA WITH ST. LUCIE COUNTY R/W IS NEEDED
		Project length	2.128

	Phase	Fund	FY 2024	
	PDE	LFP	\$1,000,000	
	PDE	SU	\$20,000	
	PDE	TRIP	\$794,758	
	PDE	TRWR	\$205,242	
		TOTAL	\$2,020,000	
	FM#	Pro	ject Name	Project Description
	446331-1	712/MIDW	ROAD FROM CR- AY ROAD TO SR- NGE AVENUE	2024 TPO PRIORITY #6 LFA WITH ST. LUCIE COUNTY R/W IS NEEDED
		Project Le	ngth	5.104 MI
SED	Phase	Fund FY 2024		
0 F 0	PDE	ACSU	\$2,380,000	
P R O	PDE	LFP	\$1,000,000	
	PDE	SU	\$118,019	
	PDE	TRIP	\$794,758	
	PDE	TRWR	\$205,242	
		TOTAL	\$4,498,019	
	Justificatio	on for chang	es: Additional fur	nd type for FY 24 and more than ½ mile increase.

If you have any questions or need additional information, please contact me on (954) 777-4365.





RON DESANTIS GOVERNOR 3400 West Commercial Boulevard Fort Lauderdale, FL 33309 JARED W. PERDUE, P.E. SECRETARY

November 7, 2023

Mr. Peter Buchwald, AICP Executive Director St. Lucie Transportation Planning Organization 466 SW Port St. Lucie Blvd, Suite 111 Port St. Lucie, FL 34953

SUBJECT:St. Lucie Transportation Planning OrganizationTIP Amendment Request FY 2023/24 – 2027/28NEBRASKA AVENUE FROM SOUTH LAWNWOOD CIRCLE TO SOUTH 13TH STREET

Dear Mr. Buchwald:

Pursuant to Part IV – Chapter 5: Statewide and Local Transportation Improvement Programs (STIP and TIP) of the Work Program Instructions, the Florida Department of Transportation (FDOT) requests your processing and approval of the attached amendment to the FY 2023/24 – 2027/28 Transportation Improvement Program.

This amendment is required because a new project has been added to the work program and needs to be reflected in the TIP.

This project is consistent with the goals of the St. Lucie Transportation Planning Organization's Long-Range Transportation Plan. The TIP remains financially constrained. A State Transportation Improvement Program (STIP) Amendment is required. The TIP amendment is as follows:

	FM#	Proj	ject Name	Project Description
POSED	453492-1	SOUTH LAW	AVENUE FROM /NWOOD CIRCLE H 13TH STREET	2024 TPO CARBON REDUCTION PRIORITY #5 SIDEWALKS, 6 FEET IN WIDTH, 1 MILE IN LENGTH, ON BOTH SIDES OF STREET
P R O	Phase	Fund	FY 2024	
	PE	TALU	\$5,000	
		TOTAL	\$5,000	

If you have any questions or need additional information, please contact me on (954) 777-4365.

Sincerely, DocuSigned by: Kelly Budhu

MPO Liaison FDOT – District 4

www.fdot.gov | www.d4fdot.com



RON DESANTIS GOVERNOR 3400 West Commercial Boulevard Fort Lauderdale, FL 33309 JARED W. PERDUE, P.E. SECRETARY

November 7, 2023

Mr. Peter Buchwald, AICP Executive Director St. Lucie Transportation Planning Organization 466 SW Port St. Lucie Blvd, Suite 111 Port St. Lucie, FL 34953

SUBJECT:St. Lucie Transportation Planning OrganizationTIP Amendment Request FY 2023/24 – 2027/28GREEN RIVER PARKWAY TRAIL FROM WALTON ROAD TO MARTIN COUNTY LINE

Dear Mr. Buchwald:

Pursuant to Part IV – Chapter 5: Statewide and Local Transportation Improvement Programs (STIP and TIP) of the Work Program Instructions, the Florida Department of Transportation (FDOT) requests your processing and approval of the attached amendment to the FY 2023/24 – 2027/28 Transportation Improvement Program.

This amendment is required because a new project has been added to the work program and needs to be reflected in the TIP.

This project is consistent with the goals of the St. Lucie Transportation Planning Organization's Long-Range Transportation Plan. The TIP remains financially constrained. A State Transportation Improvement Program (STIP) Amendment is required.

The TIP modification is as follows:

	FM# Project Name			Project Description
POSED	453493-1	TRAIL FROM	VER PARKWAY 1 WALTON ROAD N COUNTY LINE	2024 TPA CARBON REDUCTION PRIORITY #3 RESURFACING OF MULTI-USE PATH
P R O	Phase	Fund	FY 2024	
	PE	CARU	\$5,000	
		TOTAL	\$5,000	

If you have any questions or need additional information, please contact me on (954) 777-4365.





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November 7, 2023

Mr. Peter Buchwald, AICP Executive Director St. Lucie Transportation Planning Organization 466 SW Port St. Lucie Blvd, Suite 111 Port St. Lucie, FL 34953

SUBJECT: St. Lucie Transportation Planning Organization TIP Amendment Request FY 2023/24 – 2027/28 GATLIN BLVD @ SAVONA BLVD

Dear Mr. Buchwald:

Pursuant to Part IV – Chapter 5: Statewide and Local Transportation Improvement Programs (STIP and TIP) of the Work Program Instructions, the Florida Department of Transportation (FDOT) requests your processing and approval of the attached amendment to the FY 2023/24 – 2027/28 Transportation Improvement Program.

This amendment is required because a new project has been added to the work program and needs to be reflected in the TIP.

This project is consistent with the goals of the St. Lucie Transportation Planning Organization's Long-Range Transportation Plan. The TIP remains financially constrained. A State Transportation Improvement Program (STIP) Amendment is required. The TIP amendment is as follows:

	FM#	Proj	ect Name	Project Description
POSED	453495-1		LVD @ SAVONA BLVD	2024 TPO PRIORITY 2 CARBON REDUCTION PROGRAM 2024 TPA CARBON REDUCTION PRIORITY #2 EXTEND EASTBOUND & WESTBOUND LEFT-TURN LANES ON GATLIN BLVD & INSTALL DEDICATED NORTHBOUND & SOUTHBOUND RIGHT-TURN LANES ON SAVONA BLVD.
P R O	Phase	Fund	FY 2024	
	PE	CARU	\$5,000	
		TOTAL	\$5,000	

If you have any questions or need additional information, please contact me on (954) 777-4365.

Sincerely, DocuSigned by: Kelly Budhu

MPO Liaison FDOT – District 4

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VILLAGE GREEN DRIVE CORRIDOR PLANNING PROJECT

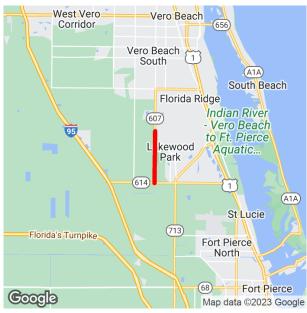
CITY OF PORT ST. LUCIE *CITY OF PORT ST. LUCIE, FL: FLORIDA* **PLANNING URBAN** HISTORICALLY DISADVANTAGED COMMUNITY RAISE GRANT FUNDING: \$2,000,000

Project Description: The project will plan, design, and conduct community outreach for improvements to approximately 1.65 miles of the Village Green Drive corridor, to include roundabouts, intersection improvements, traffic calming features, 5-foot separated bike lanes, 6- to 10-foot sidewalks, the addition of a median between SE Walton Road and SE Tiffany Avenue, and an enhanced/relocated Wood Stork Trail.

Project Benefits: The project is strong in mobility and community connectivity, quality of life, safety, environmental sustainability, economic competitiveness and opportunity, state of good repair, partnership and collaboration, and innovation. The Village Green Drive corridor was identified as the top priority among 137 corridors in need of Complete Street improvements by the St. Lucie Transportation Planning Organization. The City has conducted significant public outreach and formed partnerships with community-based organizations, including neighborhood associations, Treasure Coast Black Chamber of Commerce, and Latin American Chamber of Commerce, among multiple others. The project will improve accessibility from the Sandhill Crossing neighborhood to the planned City Center community hub, for which there are currently inadequate sidewalks, bike lanes, and transit service. The green infrastructure improvements will address stormwater runoff polluting the St. Lucie River and the urban heat island effect.



EMERSON AVE FROM NORTH OF INDRIO RD TO SOUTH OF 25TH ST SW 4476511 Non-SIS



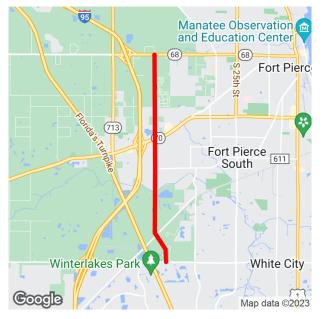
Prior Year Cost: 667,494 Future Year Cost: 0 Total Project Cost: 6,040,961 LRTP: Page 3-9 Project Description: RESURFACING Lead Agency: MANAGED BY FDOT

County: ST. LUCIE Length: 2.236 From: INDRIO RD To: 25TH ST

Phase Group: PRELIMINARY ENGINEERING, CONSTRUCTION, ENVIRONMENTAL

Phase	Fund Code	2024	2025	2026	2027	2028	Total
CST	ACPR	0	1,008,420	0	0	0	1,008,420
CST	DDR	0	2,18,414	0	0	0	2,18,414
CST	DS	0	658,619	0	0	0	658,619
CST	SA	0	2,184187	0	0	0	2,184187
			6,041,141			6,041,141	

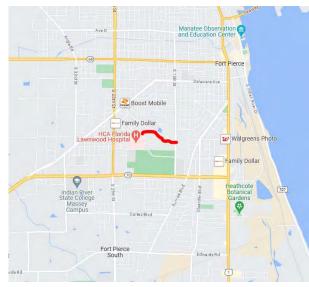
JENKINS RD FROM MIDWAY RD TO ORANGE AVE 4463311 Non-SIS



Prior Year Cost: 792,825 Future Year Cost: 0 Total Project Cost: 2,812,825 LRTP: Page 8-3 Project Description: PD&E/EMO STUDYExtra Description: 2022 TPO PRIORITY #7 LFA WITH ST. LUCIE COUNTY R/W IS NEEDEDLead Agency: MANAGED BY FDOTFrom: MIDWAY RDCounty: ST. LUCIETo: ORANGE AVELength: 5.104 MILEPhase Group: P D & E

Phase	Fund Code	2024	2025	2026	2027	2028	Total
PDE	ACSU	2,380,000	0	0	0	0	2,380,000
PDE	LFP	1,000,000	0	0	0	0	1,000,000
PDE	SU	118,019	0	0	0	0	118,019
PDE	TRIP	794,758	0	0	0	0	794,758
PDE	TRWR	205,242	0	0	0	0	205,242
		4,498,019					4,498,019

NEBRASKA AVENUE FROM SOUTH LAWNWOOD CIRCLE TO SOUTH 13TH STREET 4534921 Non-SIS



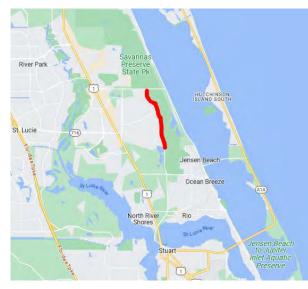
Project Description: SIDEWALK Extra Description: 2024 CARBON REDUCTION PRIORITY #5. INSTALL 6 FT WIDE SIDEWALKS ON BOTH SIDES OF THE STREET Lead Agency: MANAGED BY FDOT County: ST. LUCIE Length: 1 Phase Group: PRELIMINARY ENGINEERING

From: SOUTH LAWNWOOD CIRCLE To: SOUTH 13TH STREET

Phase	Fund Code	2024 2025	2026 2027 2028	Total
PE	TALU	5,000		5,000
		5,000		5,000

Prior Year Cost: 0 Future Year Cost: 0 Total Project Cost: 5,000 LRTP: Page 3-9

GREEN RIVER PARKWAY TRAIL FROM WALTON ROAD TO MARTIN COUNTY LINE 4534931 Non-SIS



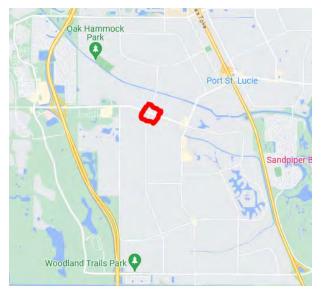
Project Description: SHARED-USE PATHExtra Description: 2024 CARBON REDUCTIONPRIORITY #3. RESURFACING OF MULTI-USEPATHLead Agency: MANAGED BY FDOTFCounty: ST. LUCIELength: 2.7 MILESPhase Group: PRELIMINARY ENGINEERING

From: WALTON ROAD To: MARTIN COUNTY LINE

Phase	Fund Code	2024 2025	2026 2027	2028	Total
PE	CARU	5,000			5,000
		5,000			5,000

Prior Year Cost: 0 Future Year Cost: 0 Total Project Cost: 5,000 LRTP: Page 8-11

GATLIN BLVD @ SAVONA BLVD 4534951 Non-SIS



Prior Year Cost: 0 Future Year Cost: 0 Total Project Cost: 5,000 LRTP: Page 8-11 Project Description: INTERSECTIONIMPROVEMENT Extra Description: 2024CARBON REDUCTION PRIORITY #2. EXTENDEASTBOUND & WESTBOUND LEFT-TURN LANESON GATLIN BLVD & INSTALL DEDICATEDNORTHBOUND & SOUTHBOUND RIGHT-TURNLANES ON SAVONA BLVD.Lead Agency: MANAGED BY FDOTCounty: ST. LUCIELength:Phase Group: PRELIMINARY ENGINEERING

Phase	Fund Code	2024 2025	2026 2027 2028	Total
PE	CARU	5,000		5,000
		5,000		5,000

VILLAGE GREEN DRIVE CORRIDOR PLANNING FROM SE TIFFANY AVE TO US-1 XXXXXXX Non-SIS



Prior Year Cost: 0 Future Year Cost: 0 Total Project Cost: 2,500,000 LRTP: Page 3-9 Project Description: CORRIDOR PLANNINGExtra Description: PLAN DESIGN ANDCOMMINITY OUTREACH TO INCLUDEROUNDABOUT, INTERSECTION IMPROVEMENT,TRAFFIC CALMING FEATURES, 5-FT SEPARATEDBIKE LANES, 6-10 FT SIDEWALKS, MEDIANSAND AN ENHANCED/RELOCATED WOOD STORKTRAILLead Agency: PORT ST. LUCIECounty: ST. LUCIELength: 1.65 MILESPhase Group: PRELIMINARY ENGINEERING

Phase	Fund Code	2024	2025	2026	2027	2028	Total
PE	RAISE	2,000,00	D				2,000,000
	LF	500,000					500,000
		2,500,00	00				2,500,000



AGENDA ITEM SUMMARY

- **Board/Committee:** Technical Advisory Committee (TAC)
- Meeting Date: November 28, 2023
- Item Number:
- Item Title: St. Lucie Freight Network (SLFN) Update
- Item Origination: Unified Planning Work Program (UPWP)
- **UPWP Reference:** Task 3.6 Freight Planning

6c

- **Requested Action:** Review and recommend adoption of the SLFN Update, recommend adoption with conditions, or do not recommend adoption.
- **Staff Recommendation:** Since the Update to the SLFN reflects the current major roadway network and the most suitable segments of the network for freight movement in the TPO area, it is recommended that the SLFN Update be recommended for adoption by the TPO Board.

Attachments

- Staff Report
- Draft Updated SLFN Map



MEMORANDUM

TO: Technical Advisory Committee (TAC)

- **THROUGH:** Peter Buchwald Executive Director
- FROM: Yi Ding Transportation Systems Manager
- DATE: November 21, 2023

SUBJECT: St. Lucie Freight Network (SLFN) Update

BACKGROUND

One of the tasks of the Unified Planning Work Program (UPWP) of the St. Lucie TPO is Task 3.6 – *Freight Planning*. As part of the TPO's freight planning efforts, the St. Lucie Freight Network (SLFN) was designated in 2015. The FY 2022/23-FY2023/24 UPWP includes an update of the SLFN.

ANALYSIS

The most significant change to the major roadway network in the TPO area since the initial SLFN designation is the addition of the Crosstown Parkway Bridge. The following improvements also are included in the draft updated SLFN Map which is attached:

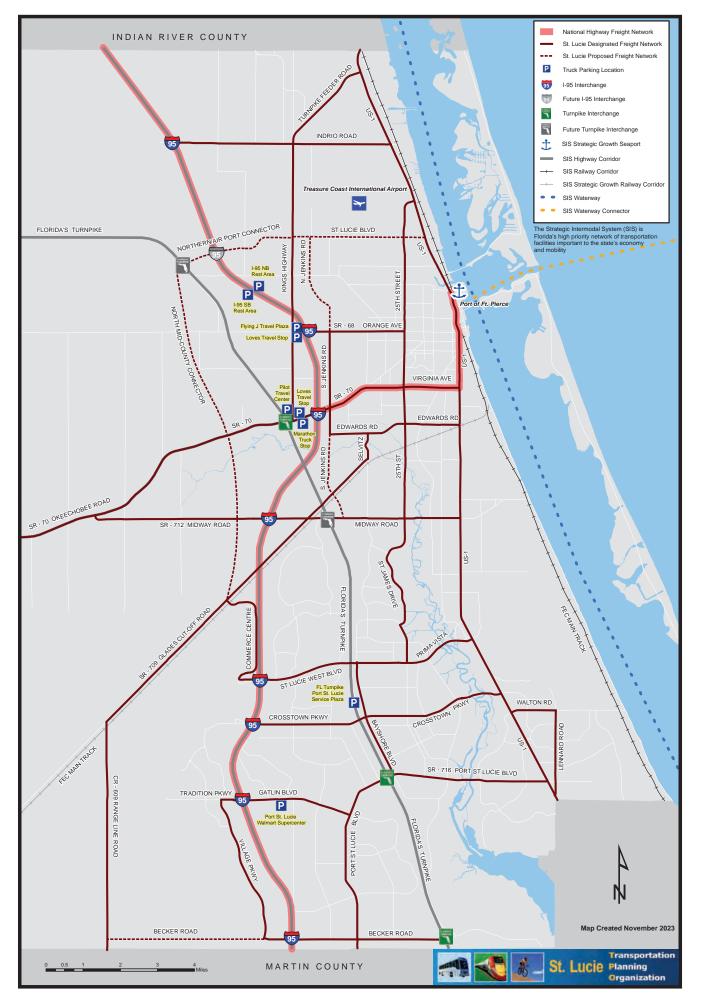
- FDOT Strategic Intermodal System (SIS) for highways, railways, and waterways;
- National Highway Freight Network;
- Truck parking lot locations; and,
- Refreshed map design.

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RECOMMENDATION

Since the Update to the SLFN reflects the current major roadway network and the most suitable segments of the network for freight movement in the TPO area, it is recommended that the SLFN Update be recommended for adoption by the TPO Board.

St. Lucie Freight Network Update





AGENDA ITEM SUMMARY

Board/Committee:	Technical Advisory Committee (TAC)			
Meeting Date:	November 28, 2023			
Item Number:	7a			
Item Title:	FY 2024/25 – 2025/26 Unified Planning Work Program (UPWP) Call for Planning Projects			
Item Origination:	Unified Planning Work Program (UPWP)			
UPWP Reference:	Task 1.2 – UPWP Development			
Requested Action:	Discuss and provide comments to Staff.			
Staff Recommendation:	It is recommended that the draft UPWP planning priorities are discussed, and planning projects and/or revisions to the planning priorities are proposed to Staff.			

Attachment

Staff Report



MEMORANDUM

TO: Technical Advisory Committee (TAC)

THROUGH: Peter Buchwald Executive Director

FROM: Marceia Lathou Transit/ACES Program Manager

DATE: November 8, 2023

SUBJECT: FY 2024/25 - 2025/26 Unified Planning Work Program (UPWP) Call for Planning Projects

BACKGROUND

The Unified Planning Work Program (UPWP) is the two-year program supported by State and Federal funds of transportation planning activities undertaken by the TPO. The UPWP includes a description of the planning work and resulting products, who will perform the work, timeframes for completion, costs, and funding sources. The UPWP serves as the foundational document for carrying out the 3C (continuing, cooperative, and comprehensive) transportation planning process within the TPO area.

The UPWP enables the TPO to receive funding from the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the Florida Commission for the Transportation Disadvantaged (FCTD), and the Florida Department of Transportation (FDOT).

Planning projects are included in the UPWP based on TPO priorities, the need to satisfy State/Federal requirements, and funding constraints. The projects may involve any aspect of surface transportation including roads, transit, bicycle/pedestrian, and the needs of the transportation disadvantaged.

The current UPWP for FY 2022/23 – FY 2023/24 ends on June 30, 2024. Therefore, it is necessary to initiate the development of the UPWP for FY 2024/25 – FY 2025/26 which is for the period from July 2024 through June 2026.

ANALYSIS

An initial discussion of the proposed FY 2024/25 – FY 2025/26 UPWP is requested at this time. The discussion should include the review and/or identification of the planning priorities, tasks, projects, and activities that should comprise the proposed UPWP. The Call for Planning Projects also is being announced to the public through the TPO website/social media and discussions at public meetings.

Through the tasks and activities represented in the UPWP, the TPO continues to apply its priorities in a 3C manner to assist in addressing local needs. The planning priorities proposed to be addressed during FY 2024/25 and FY 2025/26 are substantially the same as the planning priorities of the current UPWP and consist of the following:

- <u>Project Advancement</u>: Support the local agencies in advancing the implementation of projects in the 2045 Long Range Transportation Plan (LRTP), 2045 Regional LRTP, and Transportation Improvement Program (TIP).
- **<u>Previous Planning Efforts:</u>** Build upon and/or implement the results of previous UPWP planning efforts.
- <u>Safety and Security</u>: Provide for the consideration and implementation of projects, strategies, and services that increase the safety and security of the transportation system.
- <u>Performance-Based Multimodal Planning and Programming:</u> Continue to conduct performance-based multimodal planning which increases mobility options and ensures the most efficient investment of local, State, and Federal transportation funds by linking investment priorities to the achievement of adopted targets.
- <u>Alternative Transportation Facilities:</u> Support the development and implementation of alternative transportation facilities including sidewalks, bike paths/lanes, and transit, port, airport and ACES (Automated/Connected/Electric/Shared-Use) infrastructure.
- **<u>Regional Efforts</u>**: Build upon previous efforts and identify new opportunities for regional coordination and collaboration.
- **<u>Public Involvement and Education:</u>** Continue to enhance public involvement and education.

- <u>Livability and Sustainability</u>: Enhance the livability and sustainability of the local communities.
- <u>Transportation Demand Management</u>: Support efficient travel behaviors.

To address the proposed planning priorities, the following project ideas are proposed to be included in the draft FY 2024/25 – FY 2025/26 UPWP:

- Public Participation Plan Update an update of the TPO's goals, objectives, and strategies regarding public participation. This plan would identify new opportunities to enhance the public's role in transportation decision-making and would help implement the TPO's Title VI Program.
- 2050 LRTP the LRTP describes how the St. Lucie TPO area's multimodal transportation system will evolve over the next 25 years. The meeting of transportation goals will be applied to the prioritization of projects. The LRTP is updated every five years and amended as needed.
- Mobility Data procurement of data, such as travel speeds, times, and reliability and vehicle volumes, from mobile device sources. In addition to supplementing the TPO's Traffic Count Data Management System, the data would assist in implementing recommendations in the TPO's Sustainable Transportation Plan, Electric Vehicle Charging Station Plans, Transportation Connectivity Study, etc.
- Vehicle Sharing Study analysis of methods to provide residents and visitors with short-term access to automobiles. Vehicle sharing, a common first-last mile option at mobility hubs, would support recommendations in the TPO's Sustainable Transportation Plan. A Cornell University study revealed a reduction of 15 personal vehicles for every sharing vehicle; therefore, vehicle sharing also could support recommendations in the TPO's Carbon Reduction Strategy and Congestion Management Process (CMP).
- Autonomous Vehicle (AV) Study Update a status report on self-driving vehicle trends. Because the nationwide focus has shifted to robo-taxis and autonomous freight movement, this study could support recommendations in the TPO's Sustainable Transportation Plan, Advanced Air Mobility Study Phase 2, CMP, etc.
- Electric Bicycle Study electric bicycles compete with pedestrians and traditional bicycles for limited roadway space. As ebikes become

more affordable and popular, these conflicts will increase. This study could result in enhancements to the TPO's Walk-Bike Network to make it safer for all users.

In addition to its review by the TPO Advisory Committees, the draft UPWP will be submitted to FDOT and various Federal agencies for their review and comment, and a formal public comment period will be initiated. The TPO Board will consider the draft UPWP for adoption no later than at its April 2024 meeting.

RECOMMENDATION

It is recommended that the draft UPWP planning priorities are discussed, and planning projects and/or revisions to the planning priorities are proposed to Staff.



AGENDA ITEM SUMMARY

Board/Committee:	Technical Advisory Committee (TAC)		
Meeting Date:	November 28, 2023		
Item Number:	7b		
Item Title:	Transit Development Plan (TDP) Major Update Status Report		
Item Origination:	Unified Planning Work Program (UPWP)		
UPWP Reference:	Task 3.2 – Transit Planning		
Requested Action:	Discuss and provide comments to Staff		
Staff Recommendation:	Because the preparation of a TDP Major Update is necessary for the future growth of the transit system, it is recommended that the TDP Major Update Status Report be discussed, and comments be provided to Staff.		

Attachment

Staff Report .

MEMORANDUM

TO: Technical Advisory Committee (TAC)

THROUGH: Peter Buchwald Executive Director

FROM: Marceia Lathou Transit/ACES Program Manager

DATE: November 8, 2023

SUBJECT: Transit Development Plan (TDP) Major Update Status Report

BACKGROUND

A Transit Development Plan (TDP) is required by the Florida Department of Transportation (FDOT) for the receipt of funding through the Public Transit Block Grant Program. A TDP is the public transportation provider's planning, development, and operational guidance document and is based on a 10-year planning horizon. A Major Update is required every five years. Annual updates in the form of progress reports on the 10-Year Implementation Program of the TDP are also required.

In St. Lucie County, the Board of County Commissioners (BOCC) contracts with MV Transportation for public transportation services. A TDP Major Update is adopted by the BOCC after endorsement by the TPO Board.

Task 3.2 of the St. Lucie TPO FY 2022/23 - 2023/24 Unified Planning Work Program (UPWP) includes activities related to the provision of technical and planning assistance to the BOCC to maintain the BOCC's eligibility for the continued receipt of federal and state transit funds. These activities include supporting the TDP Major Update and Annual Progress Reports.

ANALYSIS

As the intent of the TDP Major Update is to reimagine the current transit system in the TPO area, the County Transit Department and consultants embarked on extensive public outreach and data collection efforts. The results of these efforts will be presented.

RECOMMENDATION

Because the preparation of a TDP Major Update is necessary for the future growth of the transit system, it is recommended that the TDP Major Update Status Report be discussed, and comments be provided to Staff.