



Coco Vista Centre
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MEMORANDUM

TO: St. Lucie TPO Board

FROM: Peter Buchwald
 Executive Director

DATE: April 4, 2023

SUBJECT: Unified Planning Work Program (UPWP) Amendments

BACKGROUND

At the meeting on February 1st, the TPO Board discussed potential new projects that may be added to the TPO's UPWP because of available funding and changes in local agency transportation priorities. As a result of the discussion, the Board moved to initiate the process to amend the UPWP to add an Airport Connector Corridor Alignment Study and Fort Pierce Passenger Rail Station Planning. The proposed amendments to the FY 2022/23 – FY 2023/24 UPWP to add these two new planning projects are being presented for consideration by the Board.

ANALYSIS

The UPWP is proposed to be amended, as indicated by strikethroughs and underlines in the draft amended UPWP pages that are attached, to add the following projects:

- Airport Connector Corridor Alignment Study: As part of Task 3.1, *Long Range Transportation Planning*, of the UPWP, a study will be completed of alignment alternatives, known as a Planning & Conceptual Engineering (PACE) Study, for a new roadway connecting the proposed I-95 and Turnpike Interchanges to the St. Lucie International Airport in northern St. Lucie County. The project will be completed in partnership with St. Lucie County with the TPO contributing \$60,000 of Surface Transportation Block Grant (SU) Funding toward the project that became available when the Transit Center Visioning Workshop was cancelled as explained in the next project summary. The Study is planned to be completed by June 2024.

- **Fort Pierce Passenger Rail Station Planning:** As part of Task 3.2, *Transit Planning*, of the UPWP, an initial site plan and conceptual design will be prepared for a future passenger rail station in downtown Fort Pierce. This project replaces the Transit Center Visioning Workshop that was identified by St. Lucie County Community Services Staff to not be needed because the vision for the Transit Operations Center is already established. The project will be funded with approximately \$356,000 of Coronavirus Response and Relief Supplemental Appropriations Act (GFSU) Funding that was allocated to the TPO. The project will be completed in cooperation with the City of Fort Pierce and is planned to be completed by June 2024.

The proposed projects are consistent with one or more of the following UPWP Planning Priorities:

- Project Advancement: Support the local agencies in advancing the implementation of projects in the 2045 LRTP, 2045 RL RTP, and TIP.
- Alternative Transportation Facilities: Support the development and implementation of alternative transportation facilities including sidewalks, bike paths/lanes, and transit, port, airport and ACES infrastructure.
- Livability and Sustainability: Enhance the livability and sustainability of the local communities.

At their meetings during the week of March 20th, the TPO Advisory Committees reviewed the proposed UPWP amendments and recommended their adoption.

To ensure the expenditure of the SU and GFSU Funding by June 30, 2024, the attached draft Resolution 23-01 was prepared for consideration by the Board which authorizes the execution of the amendments to add the projects to the UPWP. In addition, the Resolution authorizes the execution of any associated documents to carry out the projects such as the attached draft Interlocal Agreement between the TPO and St. Lucie County for the Airport Connector Corridor Alignment Study.

RECOMMENDATION

Based on the recommendations of the TPO Advisory Committees and the proposed UPWP amendments adding planning projects that support the UPWP Planning Priorities, it is recommended that the proposed UPWP amendments and Resolution 23-01 be adopted.

Task 3.1 Long Range Transportation Planning		
Purpose:		
To implement the SmartMoves 2045 Long Range Transportation Plan (LRTP) and the Treasure Coast Regional LRTP (RLRTP) which provide for the development, management, and operation of multimodal transportation systems and considers and/or integrates facilities that serve national, statewide, or regional transportation functions.		
Previous Work:		
The TPO continued to implement the Go2040 LRTP. The SmartMoves 2045 LRTP was adopted in February 2021 which incorporated livability initiatives to improve mobility and quality of life through improvements that support multiple transportation modes. The Plan also incorporated Safety, Security, and Congestion Elements that inform other tasks of the UPWP.		
Performance measures developed for the Go2040 LRTP and SmartMoves 2045 LRTP were monitored and reviewed on an annual basis. Federal performance measures were reviewed, and Federal requirements with the corresponding rules promulgated were analyzed.		
Coordination occurred with state, regional, and local agencies to identify and prioritize projects which increase mobility options as part of the RL RTP.		
The TPO participated with FDOT in the major update process for the Strategic Intermodal System (SIS) Unfunded Needs and Cost Feasible Plans.		
Major Activities (performed continuously by the St. Lucie TPO unless otherwise noted):		
<ul style="list-style-type: none"> • SmartMoves 2045 LRTP amendment and implementation • Participation in FTP and SIS Plan implementation and updates 		
End Product:	Completion Date:	Performed by:
TIP/LRTP Performance Report 2023	June 2023	St. Lucie TPO
I-95/Northern Connector Interchange Justification Report	June 2023	St. Lucie TPO
TIP/LRTP Performance Report 2024	June 2024	St. Lucie TPO
<u>Airport Connector Corridor Alignment Study</u>	<u>June 2024</u>	St. Lucie TPO <u>St. Lucie County</u>

Task 3.1 Long Range Transportation Planning Estimated Budget Detail for FY 2022/23						
Budget Category	Budget Category Description	PL ¹	SU	Private Developer	TPO Local	Total
Contract Number:						
A. Personnel Services:						
TPO Staff Salaries, fringe benefits, and other deductions		\$10,000	\$0	\$60,000	\$0	\$70,000
Subtotal:		\$10,000	\$0	\$60,000	\$0	\$70,000
B. Contract/Consultant Services:						
I-95/Northern Connector Interchange Justification Report		\$0	\$0	\$500,000	\$0	\$500,000
Airport Connector Corridor Alignment Study		\$0	\$60,000	\$0	\$0	\$60,000
Subtotal:		\$0	\$0 \$60,000	\$500,000	\$0	\$500,000 \$560,000
C. Travel:						
		\$0	\$0	\$0	\$0	\$0
Subtotal:		\$0	\$0	\$0	\$0	\$0
D. Other Direct Expenses:						
		\$0	\$0	\$0	\$0	\$0
Subtotal:		\$0	\$0	\$0	\$0	\$0
Total:		\$10,000	\$0 \$60,000	\$560,000	\$0	\$570,000 \$630,000

¹Federal funds are soft matched by the FDOT non-cash match explained on page 3.

Task 3.1 Long Range Transportation Planning Estimated Budget Detail for FY 2023/24						
Budget Category	Budget Category Description	PL ¹	SU	FCTD	TPO Local	Total
Contract Number:						
A. Personnel Services:						
TPO Staff Salaries, fringe benefits, and other deductions		\$20,000	\$0	\$0	\$0	\$20,000
Subtotal:		\$20,000	\$0	\$0	\$0	\$20,000
B. Contract/Consultant Services:						
		\$0	\$0	\$0	\$0	\$0
Subtotal:		\$0	\$0	\$0	\$0	\$0
C. Travel:						
		\$0	\$0	\$0	\$0	\$0
Subtotal:		\$0	\$0	\$0	\$0	\$0
D. Other Direct Expenses:						
		\$0	\$0	\$0	\$0	\$0
Subtotal:		\$0	\$0	\$0	\$0	\$0
Total:		\$20,000	\$0	\$0	\$0	\$20,000

¹Federal funds are soft matched by the FDOT non-cash match explained on page 3.



Task 3.2 Transit Planning

Purpose:

To provide technical assistance and guidance to local and regional transit providers, to support public transportation planning and transit grant administration activities, and to develop and implement analytical methods to identify gaps in the connectivity of the transportation system and develop infrastructure and operational solutions that provide the public, especially traditionally underserved populations, with adequate access to essential services.

Previous Work:

Intermodal planning and coordination was supported through transit planning activities in cooperation with Martin and Indian River MPOs and South Florida Commuter Services (SFCS). The St. Lucie County Origin and Destination Big Data Analysis was completed, a key step to identify areas for transit infrastructure development and improvements. The TPO Board adopted the PTASP Performance Targets for the St. Lucie TPO. The TPO Board accepted the Transit Route Optimization Study Draft Choices Report which is the first phase of a study to optimize the bus route network. TPO Staff assisted St. Lucie County in preparing its Transit Development Plan (TDP) Annual Progress Reports. The Micro-Mobility Study was conducted.

The TPO coordinated and facilitated a Park & Ride Lot Program by building upon the results of previous planning efforts. Construction of the Jobs Express Terminal was completed. Coordination with Palm Tran and FDOT resulted in commitments from those agencies to respectively operate and fund express bus service from St. Lucie County to Palm Beach County via the Jobs Express Terminal.

Other transit planning activities that were continued included providing technical and planning assistance to St. Lucie County **in order to maintain the County’s eligibility for the continued receipt of federal and state transit grant funds.** The performance of the transit system was monitored. Potential impacts caused by the extension of passenger rail service were monitored. The coordination of specialized transportation services continued through transit meetings.

Major Activities (performed continuously by the St. Lucie TPO unless otherwise noted):

- Provision of technical assistance to the transit providers
- Bus-related planning activities performed by St. Lucie County with its Section 5307 funds
- Continue coordination with FDOT, St. Lucie County Transit, and Palm Tran on the express bus service from the Jobs Express Terminal to the West Palm Beach Intermodal Center
- Transit Development Plan (TDP) Major Update
- TDP Annual Progress Reports
- Transit Center Visioning Workshop
- Support of intermodal planning, travel demand management, and transit planning coordination including implementation of the SFCS Workplan
- Park and ride lot program planning
- Passenger rail service program planning

End Product:	Completion Date:	Performed by:
Transit Center Visioning Workshop Fort Pierce Passenger Rail Station Planning (Consultant scope of services in Appendix F to be utilized.)	December 2022 June 2024	St. Lucie TPO City of Fort Pierce
TDP Annual Progress Report	September 2022	St. Lucie TPO
TDP Annual Progress Report	September 2023	St. Lucie TPO
TDP Major Update (Consultant scope of services in Appendix F.)	June 2024	St. Lucie TPO



Task 3.2 Transit Planning Estimated Budget Detail for FY 2022/23							
Budget Category	Budget Category Description	PL ¹	SU ¹	FTA 5305D	FCTD GFSU	TPO Local	Total
Contract Number:				G1477 G2170			
A. Personnel Services:							
TPO Staff Salaries, fringe benefits, and other deductions		\$10,000	\$35,000	\$70,541	\$0	\$0	\$115,541
Subtotal:		\$10,000	\$35,000	\$70,541	\$0	\$0	\$115,541
B. Contract/Consultant Services:							
Transit Center Visioning Workshop Fort Pierce Passenger Rail Station Planning		\$0	\$60,000 \$0	\$0	\$0 \$356,183	\$0	\$60,000
Subtotal:		\$0	\$60,000 \$0	\$0	\$0 \$356,183	\$0	\$60,000 \$356,183
C. Travel:							
		\$0	\$0	\$0	\$0	\$0	\$0
Subtotal:		\$0	\$0	\$0	\$0	\$0	\$0
D. Other Direct Expenses:							
		\$0	\$0	\$0	\$0	\$0	\$0
Subtotal:		\$0	\$0	\$0	\$0	\$0	\$0
Total:		\$10,000	\$95,000 \$35,000	\$70,541	\$0 \$356,183	\$0	\$175,541 \$471,724

¹Federal funds are soft matched by the FDOT non-cash match explained on page 3.

Task 3.2 Transit Planning Estimated Budget Detail for FY 2023/24						
Budget Category	Budget Category Description	PL ¹	SU ¹	FCTD	TPO Local	Total
Contract Number:						
A. Personnel Services:						
TPO Staff Salaries, fringe benefits, and other deductions		\$25,000	\$85,000	\$0	\$0	\$110,000
Subtotal:		\$25,000	\$85,000	\$0	\$0	\$110,000
B. Contract/Consultant Services:						
TDP Major Update		\$0	\$150,000	\$0	\$0	\$150,000
Subtotal:		\$0	\$150,000	\$0	\$0	\$150,000
C. Travel:						
		\$0	\$0	\$0	\$0	\$0
Subtotal:		\$0	\$0	\$0	\$0	\$0
D. Other Direct Expenses:						
		\$0	\$0	\$0	\$0	\$0
Subtotal:		\$0	\$0	\$0	\$0	\$0
Total:		\$25,000	\$235,000	\$0	\$0	\$260,000

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RESOLUTION NO. 23-01

A RESOLUTION OF THE BOARD OF THE ST. LUCIE TRANSPORTATION PLANNING ORGANIZATION, HEREINAFTER "BOARD", AUTHORIZING THE EXECUTION OF AMENDMENTS TO THE FY 2022/23 – FY 2023/24 UNIFIED PLANNING WORK PROGRAM (UPWP) AND ANY ASSOCIATED DOCUMENTS TO ADD AN AIRPORT CONNECTOR CORRIDOR ALIGNMENT STUDY AND FORT PIERCE PASSENGER RAIL STATION PLANNING, HEREINAFTER "PROJECTS", TO THE UPWP AND TO CARRY OUT THE PROJECTS.

WHEREAS, the BOARD adopted the UPWP on April 6, 2022, to identify the metropolitan planning activities to be undertaken by the BOARD in the St. Lucie County portion of the Port St. Lucie Urbanized Area and the funding sources for these activities pursuant to 23 United States Code (USC) 134, 23 Code of Federal Regulations (CFR) 450, and Section 339.175, Florida Statutes (FS); and,

WHEREAS, the BOARD desires to amend the UPWP to add the PROJECTS to the UPWP to address changes in local agency transportation priorities and to use available funding including Federal Surface Transportation Block Grant (SU) Funding and Coronavirus Response and Relief Supplemental Appropriations Act (GFSU) Funding; and,

WHEREAS, the PROJECTS are consistent with one or more of the Planning Priorities identified in the UPWP; and,

WHEREAS, time is of the essence as the SU and GFSU Funding is required by the UPWP timeframe to be expended by June 30, 2024; and,

WHEREAS, it would be practical and expeditious for the BOARD to authorize the execution of the amendments to the UPWP and any associated documents to carry out the projects to ensure the expenditure of the SU and GFSU Funding by June 30, 2024.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD THAT:

1. The BOARD's Registered Agent in Florida is the TPO Executive Director. The Registered Agent's address is 466 SW Port St. Lucie Boulevard, Suite 111, Port St. Lucie, Florida, 34953.
2. The BOARD authorizes the TPO Executive Director to execute the amendments to the UPWP to add the PROJECTS and expend the SU and GFSU Funding for the PROJECTS.
3. The BOARD authorizes the TPO Executive Director to execute any and all documents associated with the execution of the amendments.
4. The BOARD authorizes the TPO Executive Director to execute any and all subsequent agreements, contracts, assurances, reimbursement invoices, warranties, certifications, and any other associated documents required to carry out the PROJECTS.

PASSED AND DULY ADOPTED this 12th day of April, 2023.

ST. LUCIE TRANSPORTATION
 PLANNING ORGANIZATION

 Stephanie Morgan, TPO Chairwoman

ATTEST:

APPROVED AS TO FORM AND
 CORRECTNESS:

 Kyle Bowman
 Operations Administrator

 Caroline Valentin
 St. Lucie TPO/Asst. County Attorney