



**ST. LUCIE TRANSPORTATION PLANNING ORGANIZATION (TPO)  
BICYCLE-PEDESTRIAN ADVISORY COMMITTEE (BPAC)**

**Regular Meeting**

**Date:** Thursday, March 22, 2012

**Time:** 3:00pm

**Location:** Conference Room 3  
St. Lucie County Administration Building, 3rd Floor  
2300 Virginia Avenue  
Fort Pierce, Florida

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**AGENDA**

**1. Call to Order**

**2. Roll Call**

**3. Approval of Agenda**

**4. Approval of Minutes**

- *November 17, 2011 Regular Meeting*

**5. Comments from the Public**

**6. Action Items**

**6a. Annual Officer Elections:** Election of Chairperson and Vice-Chairperson for the St. Lucie TPO BPAC.

**Action:** *Nominate and elect a Chairperson and a Vice-Chairperson.*

**6b. Draft FY 2012/13 – FY 2013/14 Unified Planning Work Program (UPWP):** A review of the Draft FY 2012/13 – FY 2013/14 UPWP for the St. Lucie TPO.

**Action:** *Recommend adoption, recommend adoption with conditions, or do not recommend adoption.*

**6c. Hackberry Trails Project Grant Application:** A presentation on a grant application to be submitted by the St. Lucie County Environmental Resources Department for the Hackberry Trails Project.

**Action:** *Provide or do not provide a letter of support from the St. Lucie TPO BPAC for the grant application.*

**7. Recommendations/Comments by Members****8. Staff Comments**

- 9. Next Meeting:** The next St. Lucie TPO BPAC meeting is a regular meeting scheduled for 3:00pm on Thursday, May 17, 2012, in Conference Room 3 located on the 3rd Floor of the St. Lucie County Administration Building, 2300 Virginia Avenue, Fort Pierce, Florida.

**10. Adjourn****NOTICES**

Anyone with a disability requiring accommodation to access the meeting facilities should contact Dan Lutzke, St. Lucie County Risk Manager, at (772) 462-1546 or TDD (772) 462-1428, at least 48 hours prior to the meeting. Anyone with a disability requiring transit accommodation to attend the meeting should contact Community Transit at (772) 464-7433 (Fort Pierce) or (772) 879-1287 (Port St. Lucie), at least 48 hours prior to the meeting.

The St. Lucie TPO satisfies the requirements of various non-discrimination laws and regulations including Title VI of the Civil Rights Act of 1964. Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns about Title VI may contact the Title VI Coordinator at the St. Lucie TPO at (772) 462-1593.

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 this 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.

Crèole: Si ou ta rinmin recevua information sa en crèole si l bous plait rèlè (772) 462-1777.

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**ST. LUCIE TRANSPORTATION PLANNING ORGANIZATION (TPO)  
BICYCLE/PEDESTRIAN ADVISORY COMMITTEE (BPAC)**

**DATE:** Thursday, November 17, 2011

**TIME:** 3:30 P.M.

**LOCATION:** Office of Tourism Development Conference Room  
St. Lucie County Administration Building  
2300 Virginia Avenue  
Fort Pierce, Florida

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**MINUTES**

**1. CALL TO ORDER**

In temporary absence of the Chair, Mr. Brad Keen called the November 17, 2011 meeting of the St. Lucie TPO Bicycle Pedestrian Advisory Committee (BPAC) to order at 3:45 P.M.

**2. ROLL CALL**

Members and guests introduced themselves. A quorum was confirmed with five members present at the start of the meeting.

**Members present:**

Sharon Kozicki, Chair  
Steve Fousek, Environmental Resources Dept.  
Rachel Harris, Cycling  
Ed Hymowitz  
Bruce Park & Recreation Dept.  
Brad Keen, St. Lucie Parks & Recreation Dept.

**Representing:**

**Others present:**

Bob Boertgen  
Ed DeFina  
Kisselhorn & Associates  
Recording Specialist

**Representing:**

**3. APPROVAL OF AGENDA**

MOVED by Rachel Harris that the agenda be approved.

SECONDED by Steve Fousek

SO VOTED - UNANIMOUS

#### **4. APPROVAL OF MINUTES**

MOVED by Rachel Harris that the minutes of the May 19, 2011 BPAC meeting be approved.

SECONDED by Steve Fousek

SO VOTED - UNANIMOUS

#### **5. COMMENTS FROM THE PUBLIC**

There were no comments from the public.

#### **6. ACTION ITEMS**

##### **6a. South Causeway Bridge Reconfiguration Study**

Mr. Ed DeFini introduced Ms. Lisa Frazier from Kimley-Horn and Associates to present the information about the South Ft. Pierce Causeway Bridge Reconfiguration Study and the different configuration options. The study was brought up due to the increasing number of conflicts between vehicles and bicycles on our roadways.

Ms. Frazier began by stating that the bridge is part of a (future) regional connection known as the Treasure Coast Loop Trail. It is also a potential connection with the Florida East Coast Greenway, which connects Maine to Key West.

Ms. Frazier reviewed the different lane configurations (of vehicle, bicycle, and pedestrian lanes at different widths, and with or without barriers) as shown in the packet. These configurations were also presented at a local public meeting on September 17, 2011. The overwhelming response from the public who attended the meeting was not favorable to any changes citing the need to have more vehicle travel lanes in the event of an evacuation. Ms. Frazier showed that the proposed divider for the bicycle lane can be shifted in the event of an evacuation or for additional emergency vehicles.

The bridge currently has 12,500 vehicle trips per day. Any 2-lane bridge could carry 16,000 trips per day; therefore this bridge is currently far under capacity.

Due to the public opposition, a "compromise" was presented showing re-striping instead of a physical barrier between the vehicle lane and bicycle/pedestrian lane.

The question before the BPAC is whether to support the originally presented reconfiguration plan, support it with changes, or to not support it at all?

The TAC and CAC both supported the project, but with modifications. They suggested instead of moving the barrier, move the bike lane inside the existing barrier and to stripe out a section of the roadway to visually separate the cars from the cyclists. The TAC and CAC members felt that the barrier next to the cars was unsafe for breakdowns and emergency vehicles. It was pointed out that the North Bridge, Jensen Beach, and Stuart Causeway Bridges are all 1 lane in each direction for vehicles. So how is this any different? CAC and TAC members also felt that restriping was a more fiscally responsible option.

Mr. Fousek suggested the plastic sticks as a more noticeable divider between the cars and the cyclists if we support the CAC and TAC suggestion.

Mr. Keen said he does not think it is a good financial decision to support any changes when there are so few incidents (accidents) on the bridge to date.

Mr. MacKenzie raised a question about land use entitlements in the event that future development of the former trailer park parcel were to be limited if there is not a 4 lane bridge. He wondered if that had been checked out. Ms. Frazier said that she does not know, but it would seem to be ok considering the other bridges are all 2 lanes.

Ms. Harris does not feel that painted stripes are safe enough for bicyclists and supports the installation of a barrier (the original Kimley-Horn design, before the suggested modifications by the TAC and CAC). She feels this is the smartest reconfiguration option presented.

Ms. Frazier said that if it has merit, but you feel it should move forward with conditions, but it needs redesign, then you can support it with those concerns and conditions.

MOVED by Rachel Harris to endorse the Kimley-Horn proposal as presented.

SECONDED by Steve Fousek

SO VOTED – PASSED 3-2  
1 abstention (FDOT)

## **6b. Bicycle/Pedestrian Corridor Study Area of Interest Analysis**

Ms. Lisa Frazier presented this agenda item, again relating this corridor study to its connection with the Treasure Coast Loop Trail. The Study Area of Interest is the part of the trail that is not along a current road, but could be built along future roads or parkland.

The area proposed runs through/near the Savannas State Preserve, an area with protected habitat. The Savannas State Preserve staff is concerned with protecting the ecosystem. The trail would require paving and that would generally not be acceptable in a State Preserve. However, a trail along the fire break and park edges is acceptable. If it is along the fire break,

however, the trail must be fire resistant (concrete) and load-bearing (at least 6 inches thick). This of course increases the cost.

Options are a Rail With Trail (FEC Railroad) on the eastern boundary or either along Weatherbee Road or Midway Road, and the Buchanan Canal right of way to travel along the western boundary of the State Preserve.

In the future, when the Crosstown Parkway connects to US-1, there will be a connection to it from the trail as well.

Public input meetings for this area of interest were held on April 21<sup>st</sup> and November 2, 2011. The Savanna Club community (residential 55+) was against it.

In conclusion, Ms. Frazier said the recommendation is to stay out of the area of concern, but find a cost-feasible option to construct the trail. Such options would be to use an existing trail (such as the new multi-use trail from Kitterman Road to Tilton Road) and connect to it from there.

There is concern that (the extension of) Lennard Road may not be built, but if it is, constructing the trail along side it is preferable.

MOVED by Shawn MacKenzie to support the proposed plan until such a time that Lennard Road is completed (from Walton Road to Tilton Road), at which time that the desired route would be along Lennard Road.

SECONDED by Steve Fousek

SO VOTED - UNANIMOUS

### **6c. 2012 Meeting Calendar**

The BPAC Meeting Calendar for 2012 was presented to the committee with 5 regular BPAC meetings and one joint committee meeting with the TAC and CAC. There is a suggested time change to 2:00 P.M. due to how some of the meetings run past 5:00 P.M., starting earlier will help. There was not a consensus on the time change due to members' job responsibilities. However, it was agreed that meeting a little earlier than the current time of 3:30 P.M. would be a good idea, and 3:00 P.M. satisfied everyone in attendance today.

Mr. DeFini noted that the joint BPAC/TAC/CAC meeting will likely still have to begin at 2:00 P.M. (It is scheduled for November 20, 2012, so there is time to clarify that start time.)

MOVED by Brad Keen to approve the 2012 meeting calendar with the time changed to 3:00 P.M.

SECONDED by Rachel Harris

SO VOTED - UNANIMOUS

**8. RECOMMENDATIONS/COMMENTS BY MEMBERS**

Seeing that the BPAC does not have an official "Vice Chair", there was discussion that this may be a good time to appoint someone.

MOVED by Buster Johansen to appoint Brad Keen as Vice Chair of the BPAC.

SECONDED by Steve Fousek

SO VOTED - UNANIMOUS

**9. STAFF COMMENTS**

There were none.

**10. NEXT MEETING**

The next BPAC meeting is scheduled for Thursday January 19, 2012 at 3:00 P.M. in the St. Lucie County Office of Tourism Development Conference Room located at 2300 Virginia Avenue, Fort Pierce, Florida.

**11. ADJOURN**

The meeting was adjourned at 4:56 P.M.

Respectfully Submitted:

Approved by:

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Kristen Nowicki  
Recording Specialist

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Shaun MacKenzie  
BPAC Chair

## AGENDA ITEM SUMMARY

**Board/Committee:** St. Lucie TPO Bicycle-Pedestrian Advisory Committee (BPAC)

**Meeting Date:** March 22, 2012

**Item Number:** 6a

**Item Title:** Annual Officer Elections

**Item Origination:** TPO By-Laws

**UPWP Reference:** Task 6.1: Public Involvement

**Requested Action:** Nominate and elect a Chairperson and a Vice-Chairperson.

**Staff Recommendation:** Not applicable

### Attachments

- None



**AGENDA ITEM SUMMARY**

**Board/Committee:** St. Lucie TPO Bicycle-Pedestrian Advisory Committee (BPAC)

**Meeting Date:** March 22, 2012

**Item Number:** 6b

**Item Title:** Draft FY 2012/13 – FY 2013/14 Unified Planning Work Program (UPWP)

**Item Origination:** Federal Regulations and Florida Statutes

**UPWP Reference:** Task 1.2: UPWP Development

**Requested Action:** Recommend adoption, recommend adoption with conditions, or do not recommend adoption.

**Staff Recommendation:** It is recommended that the Draft FY 2012/13 - 2013/14 UPWP be recommended to the TPO Board for adoption.

**Attachments**

- Staff Report
- Draft FY 2012/13 – FY 2013/14 UPWP

## **MEMORANDUM**

**TO:** St. Lucie TPO Bicycle-Pedestrian Advisory Committee (BPAC)

**FROM:** Peter Buchwald  
Executive Director

**DATE:** March 16, 2012

**SUBJECT:** **Draft FY 2012/13 – FY 2013/14 Unified Planning Work Program (UPWP)**

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### **BACKGROUND**

In accordance with Federal Regulations 23 CFR 450 and Florida Statute 339.175(9), the Unified Planning Work Program (UPWP) for the St. Lucie Transportation Planning Organization (TPO) identifies the transportation planning budget, the priorities to be carried out, and the activities to be conducted in the Metropolitan Planning Area (MPA). The UPWP is intended to ensure that a continuing, cooperative and comprehensive (3-C) approach to transportation planning is conducted. The document is required for the TPO to receive Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Florida Commission for the Transportation Disadvantaged (FCTD), and Florida Department of Transportation (FDOT) funds.

On April 7, 2010, The TPO Board adopted the UPWP for fiscal years 2010/11 and 2011/12 which will end on June 30, 2012. The process for the development of the UPWP for FY 2012/13 and 2013/14 was initiated at the TPO Board meeting on February 1st.

### **ANALYSIS**

The schedule for the development of the FY 2012/13 - 2013/14 UPWP is as follows:

**February 1, 2012:** The TPO Board initially discussed the UPWP development schedule, tasks, and activities

**March 9, 2012:** The TPO Executive Committee discussed the TPO FY 2012/13 - 2013/14 budget and UPWP tasks and activities

**March/April 2012:** Public, TPO Advisory Committees, and FDOT review draft UPWP

**April 2012:** TPO Board reviews draft UPWP and budget for adoption

In addition to the regular Systems Planning Tasks in the current UPWP, the upcoming UPWP includes the following highlights:

- **Greater Treasure Coast Regional Planning Model Version 4.0 Development:** Participate in its development with funding and staff resources in partnership with FDOT and the Martin and Indian River MPOs.
- **Data Collection and Monitoring:** Continue to build upon the previous Data Collection and Monitoring efforts with the collection of bicycle-pedestrian counts and the development of a Standardized Traffic Impact Study Process and Methodology and a Mobility Management and Development Tracking Tool.
- **Regional Long Range Transportation Planning:** Facilitate Livability Initiatives to support the objectives of Livable Communities Initiative (LCI) projects. Facilitate climate adaption and energy use planning through participation in the Southeast Florida Regional Climate Change Compact, assimilation of applicable elements of the Southeast Florida Regional Climate Change Action Plan, and recognition of the USDOT Policy on Climate Change Adaption that was adopted in June 2011.
- **Park & Ride Lot Program:** Build upon and/or implement the results of previous planning efforts such as the recently-designated Park & Ride lots at local municipal and commercial facilities and the extension of I-95 Express Bus Service into the MPA.
- **Passenger and High-Speed Rail Service Program Planning:** Advance planning efforts to extend passenger and high-speed rail service through the MPA with funding and resource contributions.
- **Bicycle/Pedestrian/Greenway Planning:** Facilitate the construction of bicycle, pedestrian, and greenway facilities through the development of a multi-jurisdictional Pedestrian Facility Inventory Program, continued East Coast Greenway Coordination and Implementation, and Treasure Coast Loop Trail Project Planning.

- **Safety/Security Planning:** Identify and analyze potential safety projects and identify and mitigate a critical security issue in the MPA.
- **North/Mid County Connector Study Implementation:** Continue the initial planning efforts for the Preferred Alignment of a new north-south roadway corridor located west of Interstate 95 and the Turnpike that connects the western annexation area of Port St. Lucie with the northern portion of St. Lucie County, the St. Lucie International Airport, and the Treasure Coast Research Park.
- **US-1 Corridor Retrofit Project:** Coordinate remedial intersection safety improvements along the US-1 Corridor and identify and prioritize specific retrofit projects along the US-1 Corridor.
- **Regional Planning and Coordination:** Enhance freight planning on a regional level through participation on the Southeast Florida Freight Advisory Committee and enhance Intracoastal Waterway Planning through the development of a Maritime Management Plan with the Martin MPO.

The Draft FY 2012/13 and 2013/14 UPWP is attached.

### **RECOMMENDATION**

It is recommended that the Draft FY 2012/13 - 2013/14 UPWP be recommended to the TPO Board for adoption.

# **DRAFT Unified Planning Work Program (UPWP)**

FY 2012/13 – FY 2013/14  
(July 1, 2012 - June 30, 2014)

**Catalog of Federal Domestic Assistance (CFDA) Numbers:**

20.205: Highway Planning and Construction  
20.505: Federal Transit Administration Technical Studies Grant

**Funding for this Planning Work Program Provided By:**

Federal Highway Administration  
Federal Transit Administration  
Florida Department of Transportation  
Florida Commission for the Transportation Disadvantaged  
St. Lucie County

**Federal Aid Project Number:** PL-0311 (46)

**Financial Project Number:** 423604-1-14-01

Adopted on \_\_\_\_\_, 2012

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Reginald Sessions, Chairman

ACKNOWLEDGMENT: The preparation of the UPWP has been funded in part through grants from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation (USDOT), under the Metropolitan Planning Program of the U.S. Code (Title 23, Section 104f). The contents of this report do not necessarily reflect the official views or policy of the USDOT.

TITLE VI STATEMENT: St. Lucie TPO satisfies the requirements of various non-discrimination laws and regulations including Title VI of the Civil Rights Act of 1964. Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns about Title VI may contact the Title VI Coordinator at the St. Lucie TPO at 772-462-1593.

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## **I. INTRODUCTION**

### **Definition of the Unified Planning Work Program (UPWP)**

In accordance with Federal Regulations 23 CFR 450 and Florida Statute 339.175(9), the UPWP for the St. Lucie Transportation Planning Organization (TPO) identifies the transportation planning budget, the priorities to be carried out, and the activities to be undertaken in the Metropolitan Planning Area (MPA) in fiscal years 2012/2013 and 2013/2014. The UPWP is developed based upon state and federal regulations, Chapter 3 of the Florida Department of Transportation (FDOT) Metropolitan Planning Organization (MPO) Program Management Handbook, local needs, public input, and those activities required to ensure that a continuing, cooperative and comprehensive (3-C) approach to transportation planning is conducted.

The document is required for the TPO to receive Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Florida Commission for the Transportation Disadvantaged (FCTD), and FDOT funds. At a minimum, the UPWP is required to include a description of the planning work and resulting products, the entities that will perform the work, time frames for completing the work, the cost of the work, and the sources of funds to support the work.

### **UPWP Format**

The format of the UPWP is in general accordance with the format specified in Section 3.11 of the FDOT MPO Program Management Handbook. The UPWP sections are further described as follows:

- I. INTRODUCTION: Provides an overview of the UPWP and current planning activities, identifies the planning priorities, describes the agency and public involvement in the UPWP development, and identifies planning emphasis areas and planning factors.
- II. ORGANIZATION AND MANAGEMENT: Provides an overview of the St. Lucie TPO including the organizational structure, participants, management, agreements, operational procedures and bylaws, and certifications, statements, and assurances.
- III. WORK PROGRAM ELEMENTS AND TASKS: Describes the work program major elements and specific work tasks within each major element, the resulting end products, the target dates, the responsible agencies, and the estimated costs.
- IV. SUMMARY TABLES: Summarizes the work program elements and tasks, agency participation, sources of revenue, and the allocation of the funds among the elements and tasks.

## Current Overview of TPO Activities

The following transportation planning priorities were identified in the UPWP for FY 2010/11 - FY 2011/12:

- **2030 Regional Long Range Transportation Plan (RLRTP):** Continue to implement the policies to meet the goals and objectives of the 2030 RLRTP until the 2035 RLRTP is adopted
- **2035 RLRTP:** Implement the policies to meet the goals and objectives of the 2035 RLRTP upon its adoption
- **Previous Planning Efforts:** Build upon and/or implement the results of previous UPWP planning efforts
- **Data:** Improve data collection, monitoring, and management and utilize modeling
- **Congestion Management Process (CMP):** Improve the CMP
- **Multimodal Planning:** Perform multimodal planning which increases mobility options
- **Alternative Transportation Facilities:** Support the provision of alternative transportation facilities including sidewalks, bike paths/lanes, transit, and air travel
- **Public Involvement and Education:** Enhance public involvement and education

In addressing the above-listed planning priorities, the activities conducted, the efforts performed, and the end products accomplished by the St. Lucie TPO during FY 2010/11 – FY 2011/12 included the following:

- Provided staff support and facilitated meetings of the TPO Board, Local Coordinating Board for the Transportation Disadvantaged (LCB), Technical Advisory Committee (TAC), Citizens Advisory Committee (CAC), and Bicycle-Pedestrian Advisory Committee (BPAC).
- Provided staff support and facilitated the regional meetings of the St. Lucie TPO/Martin MPO Joint Board, Joint TAC, Joint CAC, the Treasure Coast Transportation Council (TCTC), and the Southeast Florida Federation of Metropolitan Organizations (SEFFMO).
- Developed and adopted the 2035 RLRTP.
- Implemented the St. Lucie/Martin Regional Transit Development Plan (TDP) with St. Lucie County, Martin County, and the Martin Metropolitan Planning Organization (MPO).
- Formed the Treasure Coast Regional Transit Organization (RTO) and the RTO Transit Technical Advisory Committee (TTAC) and provided staff support and facilitated meetings of the RTO and TTAC.
- Attended meetings of the Florida MPO Advisory Council (MPOAC), National Association of Regional Councils (NARC), Association of Metropolitan Planning Organizations (AMPO), and associated subcommittees.
- Developed and adopted a Transportation Enhancement (TE) Project Prioritization Methodology.
- Prioritized TE Grant Project Applications annually using the adopted TE Project Prioritization Methodology.



- Prepared the Annual List of Priority Projects (LOPP) and continued to improve the LOPP into a more user-friendly format which included an Integrated TE LOPP.
- Reviewed and endorsed annually the FDOT Tentative Work Program and the Turnpike Enterprise Work Program.
- Prepared the five-year Transportation Improvement Program (TIP) and developed and implemented the Interactive TIP.
- Processed TIP and State TIP amendments.
- Facilitated the annual Job Access & Reverse Commute (JARC)/New Freedom grant application process with St. Lucie County, Martin County, and the Martin MPO.
- Assisted in the designation of Park & Ride Lots at local municipal and commercial facilities
- Developed and prioritized regional Transportation Regional Incentive Program (TRIP) projects for approval by the TCTC.
- Developed and adopted Annual Legislative Priorities.
- Completed the CMP Major Update.
- Completed the US-1 Corridor Intersections Pedestrian Safety Study.
- Completed the Bicycle/Pedestrian Corridor Study Area of Interest Analysis.
- Completed the South Causeway Bridge Reconfiguration Study.
- Developed and Implemented the Safe Routes to School Safety Lesson Plan Program.
- Developed and implemented the Traffic Count Data Management System (TCDMS), Crash Data Management System (CDMS), and Level of Service Analysis System (LOSAS).
- Completed the Public Involvement Program (PIP) Major Update.
- Completely redesigned the TPO website to enhance public involvement and education.
- Assisted local government staff in efforts to enhance bicycle and pedestrian safety including the coordination of applications for Transportation Enhancements and Safe Routes to School funding, utilizing TPO Bicycle and Pedestrian Systems Analysis data, and implementing the St. Lucie TPO 2035 Bicycle, Pedestrian, Greenways, and Trails Vision.
- Supported local government staff in the preparation of applications for grant funding for local community livability and sustainability efforts.
- Coordinated planning efforts with the local governments and the Treasure Coast Regional Planning Council (TCRPC).
- Participated in the Statewide Transportation Summit, Statewide Model Task Force (MTF), FTA Regional Community Planner and Transit Partner Meeting, FDOT District 4 Public Involvement Best Practices & Information Sharing Workshop, FHWA Title VI/Environmental Justice Workshop, Safe Routes to School (SRTS) National Conference, and the FHWA/MPO/FDOT Statewide Video Conferences.
- Participated in the Southeast Florida Regional Partnership for Sustainable Communities and the ongoing development of the Southeast Florida Regional Vision and Blueprint for Economic Prosperity.
- Delineated the 2010 Census Traffic Analysis Zones (TAZs) and Traffic Analysis Districts (TADs) for the MPA.

- Participated in the development of the Florida Pedestrian Safety Action Plan.
- Performed the Annual Joint Certification Process with FDOT.
- Received comprehensive training in support of addressing the planning priorities in a variety of technical areas including transit planning, access management, public involvement techniques, scenario planning, freight planning, travel demand management, transportation data management and modeling, and community livability/sustainability.

Additional activities conducted during FY 2010/2011 – FY 2011/12 are summarized within the individual works tasks in Section III of the UPWP.

### **Planning Priorities for FY 2012/13 – FY 2013/14**

The planning priorities to be addressed in FY 2012/13 and FY 2013/14 include the following:

- **2035 RL RTP:** Continue to implement the policies to meet the goals and objectives of the 2035 RL RTP upon its adoption
- **Previous Planning Efforts:** Build upon and/or implement the results of previous UPWP planning efforts
- **Modeling and Data:** Build upon previous efforts to improve modeling and data collection, monitoring, and management
- **Safety and Security:** Increase the safety and security of the transportation system for motorized and nonmotorized users
- **Multimodal Planning:** Continue to perform multimodal planning which increases mobility options
- **Alternative Transportation Facilities:** Support the provision of alternative transportation facilities including sidewalks, bike paths/lanes, and transit and airport infrastructure
- **Regional Efforts:** Build upon previous efforts and identify new opportunities for regional coordination and collaboration
- **Public Involvement and Education:** Continue to enhance public involvement and education
- **Livability and Sustainability:** Enhance the livability and sustainability of the local communities
- **Transportation Demand Management:** Support efficient travel behaviors

With historically a high growth rate and identified as “Economically Distressed”, St. Lucie County has experienced a greater need for mobility options. Through the activities represented in this UPWP, the TPO will continue to address its priorities in a comprehensive manner to assist in meeting this need.

### **Planning Tasks to be Funded Under Titles 23 and 49 Federal Transit Act**

Portions of the following planning tasks are to be funded under Titles 23 and 49 of the Federal Transit Act:

- Task 3.2 Transit Planning
- Task 3.6 Airport Planning

These planning tasks are summarized in Section III of the UPWP.

### **Agency Involvement in the Development of the UPWP**

The UPWP is developed in cooperation with the member agencies of the TPO (Fort Pierce, Port St. Lucie, St. Lucie County, St. Lucie School District, and Community Transit). In addition, the UPWP is developed in consultation with FHWA, FTA, FDOT, FCTD, Federal Aviation Administration (FAA). The UPWP is approved by the TPO Board and the appropriate state and federal agencies. In addition, The St. Lucie TPO coordinated the UPWP with the Martin and Indian River County MPOs.

### **Public Involvement in the Development of the UPWP**

The TPO uses the principles of environmental justice in the preparation of the UPWP and is responsive to Title VI of the Civil Rights Act of 1964 as well as the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). The draft UPWP will be made readily available for public review through the St. Lucie TPO PIP, the TPO website, the CAC and BPAC members, an open public comment period, advertising in the newspapers, and other means.

The TAC, CAC, and BPAC will review the Draft UPWP at their meetings in Spring 2012. Recommendations regarding projects, activities, and priorities from the TAC, CAC, BPAC, and the general public will be provided to the TPO Board. The broad range of input is reflected in the UPWP and other planning documents to be developed through the UPWP.

In addition, TPO staff will coordinate with local government media specialists to continue taping and airing TPO meetings, where the UPWP is discussed and considered, on local government and public access television channels. TPO meeting broadcasts are available for viewing via a link from the TPO website and are closed-captioned for the hearing impaired.

### **Consistency with Other Plans**

The UPWP has been developed to be consistent with all applicable plans, including the growth management plans of the local governments within the TPO MPA. The UPWP work products and tasks are designed to assist local governments by providing resources such as data that can be utilized in the comprehensive planning process. The TPO staff will contribute to and support local and state government planning efforts through the individual work tasks included in the UPWP. In addition, coordination and support will be continued through the TAC, CAC, and BPAC.

## Planning Factors and Task Matrix

In 2005, the federal transportation act, SAFETEA-LU, was signed into law. Although SAFETEA-LU expired in September 2009, as of the date of this UPWP, Congress has extended it by passing a series of temporary authorizations. SAFETEA-LU identifies the following eight factors for metropolitan transportation planning:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
2. Increase the safety of the transportation system for motorized and nonmotorized users.
3. Increase the security of the transportation system for motorized and nonmotorized users.
4. Increase the accessibility and mobility of people and for freight.
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.
7. Promote efficient system management and operation.
8. Emphasize the preservation of the existing transportation system.

The following matrix demonstrates that the UPWP as a whole adequately addresses the eight SAFETEA-LU planning factors:

Work Element Tasks	SAFETEA-LU Planning Factors							
	1	2	3	4	5	6	7	8
1.1 Program Management	X	X	X	X	X	X	X	X
1.2 UPWP Development	X	X	X	X	X	X	X	X
2.1 Modeling		X	X	X	X		X	
2.2 Data Collection and Monitoring		X	X	X	X		X	
2.3 Traffic Count Program Management	X	X		X	X		X	
3.1 Regional Long Range Transportation Planning	X	X	X	X	X	X	X	X
3.2 Transit Planning	X	X	X	X	X	X	X	X
3.3 Transportation Improvement Program (TIP)	X	X	X	X	X	X	X	X
3.4 Congestion Management Process (CMP)	X	X	X	X	X		X	X
3.5 Bicycle/Pedestrian/Greenway Planning	X	X		X	X	X	X	X
3.6 Airport Planning	X			X	X	X	X	X
3.7 Safety/Security Planning		X	X					
3.8 Transportation Disadvantaged (TD) Program	X	X		X	X	X	X	
4.1 North/Mid County Connector Study Implementation	X	X		X	X	X	X	

Work Element Tasks	SAFETEA-LU Planning Factors							
	1	2	3	4	5	6	7	8
4.2 US-1 Corridor Retrofit Project	X	X	X	X	X	X	X	X
4.3 Walton Road Bridge Study	X	X	X	X		X	X	
5.1 Regional Planning and Coordination	X	X	X	X	X	X	X	X
5.2 Intergovernmental Planning and Coordination	X	X	X	X	X	X	X	X
6.1 Public Involvement		X	X	X	X	X	X	X
6.2 Public Education and Outreach	X	X	X	X	X	X	X	X

(Note: An "x" in the box indicates that the UPWP task addresses the planning factor.)

### **Planning Emphasis Areas (PEAs)**

At this time, no Federal or State PEAs have been identified for FY 2012/13 or FY 2013/14.

### **FDOT District Four Planning Activities**

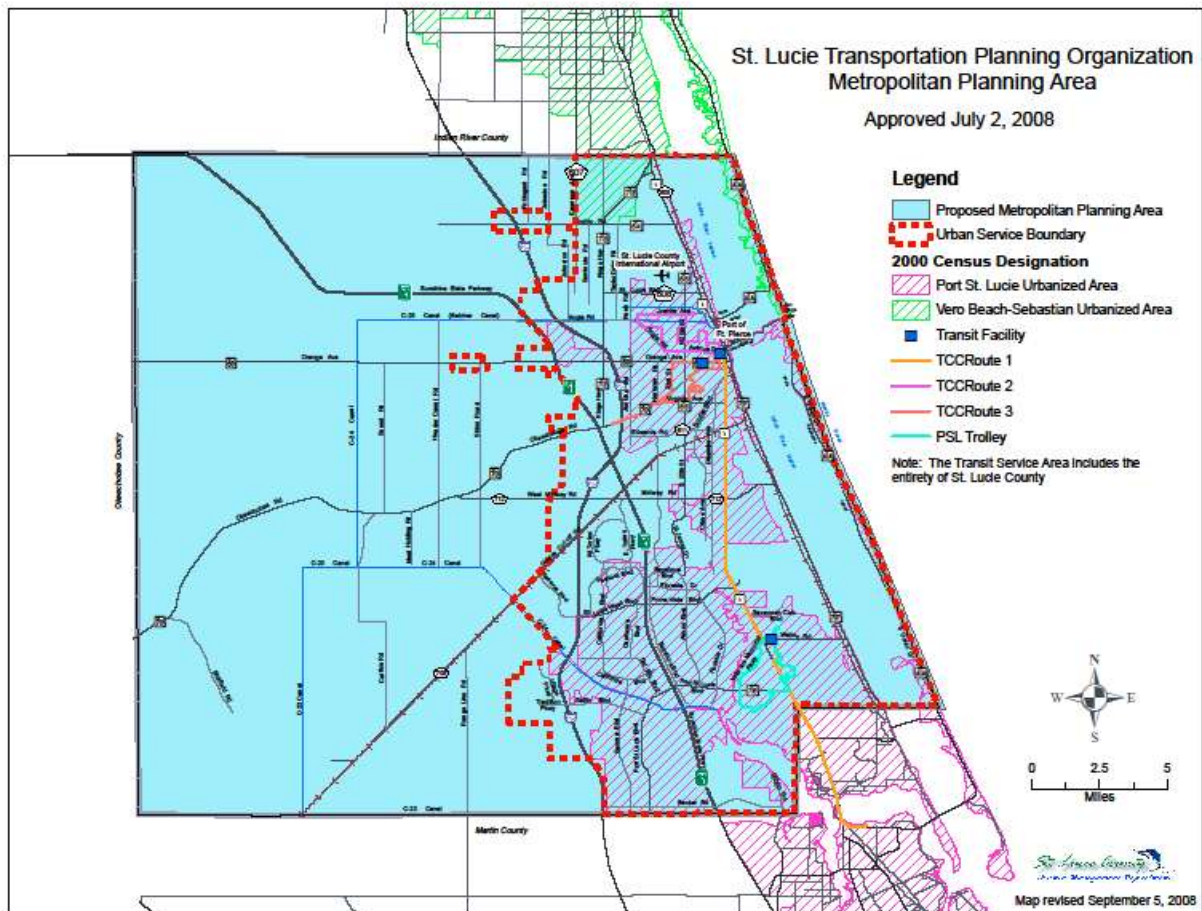
An updated version of the FDOT District Four Planning Activities provided by FDOT is included as Appendix D in this document.

## II. ORGANIZATION AND MANAGEMENT

The St. Lucie TPO is the primary agency responsible for transportation planning for the MPA depicted below and was established under the federal requirements of 23 USC 134 for the utilization of federal transportation funds. The Board consists of ten (10) voting members representing the local governments within the MPA, one (1) voting member who represents the transit agency in the MPA, one (1) voting member who represents the school board, a non-voting representative from FDOT, and two (2) ex-officio (non-voting) representatives of the Martin MPO. The voting membership of the Board is apportioned as follows:

- Four (4) St. Lucie County Board of County Commissioners\*
- Four (4) City of Port St. Lucie Councilmembers
- Two (2) City of Fort Pierce Commissioners
- One (1) St. Lucie County School Board member
- One (1) Community Transit representative

\*The District 5 St. Lucie County Commissioner also represents St. Lucie Village



## **Technical Advisory Committee (TAC)**

The St. Lucie TPO has established a broad-based TAC composed of planners, engineers, and other appropriate professionals, for the purpose of advising and providing technical expertise to the St. Lucie TPO decision-making process for adopting and maintaining area-wide transportation plans, policies, and programs. The current TAC voting membership includes representation from county and city transportation and land use agencies and state agencies including FDOT District 4 and the Florida Department of Environmental Protection (FDEP). The TAC includes representation from all modes of transportation as well as various levels of government and provides full opportunity for necessary staff coordination to achieve a unified transportation planning effort. The TAC consists of the following voting members:

- St. Lucie County Planning and Development Services Director
- Fort Pierce Community Development Director
- Port St. Lucie Planning Director
- St. Lucie County Engineer
- Fort Pierce City Engineer
- Port St. Lucie City Engineer
- St. Lucie County International Airport Director
- Superintendent of St. Lucie County Schools
- Council on Aging of St. Lucie, Inc. Transit Director
- St. Lucie County Fire District Chief
- FDOT District 4 Planning & Environmental Engineer
- FDOT District 4 Modal Development Administrator
- Florida Department of Environmental Protection Air Quality Engineer
- St. Lucie County Area Freight Representative
- St. Lucie County Sheriff
- St. Lucie County Transit Manager

In addition, the TAC includes two (2) non-voting members who are ex-officio representatives of the Martin MPO TAC.

## **Citizens Advisory Committee (CAC)**

The St. Lucie TPO also has established a CAC designed to facilitate a broad range of citizen involvement in the transportation planning process. The purpose of the CAC is to seek citizen and community reaction to the St. Lucie TPO decision-making process for adopting and maintaining area-wide transportation plans, policies, and programs; provide comment with respect to the concerns of various segments of the population; and recommend projects and funding allocations for consideration. The CAC plays a significant role in implementing public involvement activities in the planning process. The **St. Lucie TPO's** CAC consists of the following voting members:

- Two (2) City of Fort Pierce Residents
- Two (2) City of Port St. Lucie Residents
- Two (2) Unincorporated St. Lucie County Residents

- Two (2) Minority Residents of St. Lucie County
- Two (2) At-Large Residents of St. Lucie County
- One (1) Disabled Resident of St. Lucie County

In addition, the CAC includes one (1) non-voting member who is an ex-officio representative of the Martin MPO CAC.

### **Bicycle-Pedestrian Advisory Committee (BPAC)**

The St. Lucie TPO has established a BPAC to provide recommendations regarding the bicycle and pedestrian planning and programming activities for the St. Lucie TPO and to work with local and State government agencies to coordinate bicycle and pedestrian planning and programming activities. The St. Lucie TPO's BPAC consists of the following voting members:

- St. Lucie County Parks and Recreation Director
- City of Port St. Lucie Parks and Recreation Director
- City of Fort Pierce Public Works Director
- St. Lucie County Environmental Resources Director
- St. Lucie County School District PTA Representative
- FDOT District 4 Bicycle/Pedestrian Coordinator
- Two (2) Resident Bicycling Representatives
- Resident Running/Hiking Representative

### **Local Coordinating Board for the Transportation Disadvantaged (LCB)**

The Local Coordinating Board for the Transportation Disadvantaged (LCB) is appointed by the TPO, pursuant to Chapter 427, F.S., and Rule 41-2, F.A.C. The purpose of the LCB is to implement the duties described in Rule 41-2 as a part of the Transportation Disadvantaged (TD) service delivery program. The LCB is made up of representatives from various State and local agencies as well as citizen representatives. A member of the TPO is appointed annually to serve as the LCB Chair.

### **St. Lucie TPO/Martin MPO Joint Board**

The St. Lucie TPO was designated for the Fort Pierce Urbanized Area (UZA) following the 1980 census, and the Martin MPO was designated for the Stuart UZA following the 1990 Census. Between 1990 and 2000, the once largely dispersed UZAs across the state of Florida continued to grow, merge, and cross county lines. With the 2000 Census, the Fort Pierce and Stuart UZAs merged to form the single Port St. Lucie UZA. This newly merged UZA was also designated by the US Department of Transportation as a Transportation Management Area (TMA) because it contained more than 200,000 people. To facilitate efficient transportation planning within the rapidly growing Port St. Lucie UZA/TMA, the need for enhanced cooperation between the St. Lucie TPO and the Martin MPO was identified.



Joint meetings of the St. Lucie TPO and the Martin MPO began in FY 2004/05 to oversee and provide direction for the development of the 2030 Regional Long Range Transportation Plan (RLRTP). Meetings are scheduled to be conducted at least three times per year with additional meetings scheduled as needed. The Joint Board has continued to meet on regional project funding and regional plan issues and amendments. The Joint Board is comprised of the total membership of both individual boards. Joint Board meetings are hosted by the individual boards on an alternating basis. The staff of the host board provides support for the business of the meeting including preparing agenda packets and meeting minutes.

### **Treasure Coast Transportation Council (TCTC)**

The TCTC is an entity created through an Interlocal Agreement on April 10, 2006, to address transportation on a regional basis to meet growing travel demands and obtain federal and state funding in the current competitive process established by the FDOT Transportation Regional Incentive Program (TRIP). Martin, St. Lucie, and Indian River Counties desire to participate cooperatively in identifying and selecting regional facilities for funding available through TRIP. The TCTC consists of two members and an alternate from each of the individual Martin MPO, St. Lucie TPO, and Indian River MPO Boards. Non-voting members of the TCTC **include representatives of FDOT, Florida's Turnpike, and the Treasure Coast Regional Planning Council**. A Regional Advisory Committee (RAC), consisting of representatives from the TACs, CACs, and LCBs of the Martin MPO, St. Lucie TPO, and Indian River MPO, FDOT District 4, and the TCRPC was formed to provide technical and advisory support for the TCTC.

### **Metropolitan Planning Organization Advisory Council (MPOAC)**

The St. Lucie TPO participates with the other Florida TPOs/MPOs in the statewide Metropolitan Planning Organization Advisory Council (MPOAC) which was established by state statute to allow TPOs/MPOs to advise on statewide plans and policies affecting MPOs. The MPOAC is responsible for providing input and recommendations to FDOT on transportation plans, programs, policies, and issues. In addition, the MPOAC also serves as a forum for the discussion and formulation of recommendations to other appropriate bodies on statewide transportation-related issues.

### **TPO Staff**

St. Lucie TPO staff is the designated professional staff of the St. Lucie TPO and performs the work effort required to support the administration and management of a continuing, cooperative, and comprehensive transportation planning process that results in the development of plans and programs which comply with SAFETEA-LU requirements. In 2006, the TPO became a separate department within St. Lucie County with the TPO Director accountable to the TPO Board. The autonomy of the St. Lucie TPO was further established in May 2008 with the Board hiring of an Executive Director and the subsequent execution in October 2009 of a new Interlocal Agreement for Administrative

Support Services with St. Lucie County. The TPO is now an autonomous and separate legal entity from St. Lucie County.

Federal assistance and coordination are provided primarily through FHWA and FTA. State assistance and coordination are provided through FDOT District 4.

## **Agreements**

The TPO has executed the following agreements with State agencies and local governments to administer and facilitate the transportation planning process:

### Interlocal Agreement for Creation of the Metropolitan Planning Organization

This agreement among FDOT and member agencies was executed in September 2006 to establish the St. Lucie TPO to implement and ensure a continuing, cooperative, and comprehensive metropolitan transportation planning process throughout the MPA and to assure eligibility for the receipt of federal transportation funds.

### Interlocal Agreement for Administrative Support Services

This agreement between the TPO and St. Lucie County was executed in October 2009 for the provision by St. Lucie County of administrative support services to assist the TPO staff in managing the continuing, cooperative and comprehensive metropolitan transportation planning process.

### Transportation Planning (PL) Funds Joint Participation Agreement

This agreement between FDOT and the TPO was executed in January 2009 for the undertaking of the PL-funded portion of the UPWP and identifies the responsibilities for cooperatively carrying out transportation planning and programming pursuant to Federal regulations and the terms and conditions upon which PL funding will be provided.

### Intergovernmental Coordination and Review and Public Transportation Coordination Joint Participation Agreement

This agreement among the TPO, St. Lucie County (public transit operator), FDOT, and the TCRPC (intergovernmental coordination and review) was executed in March 2007 and describes the means by which activities will be coordinated, specifies how transportation planning and programming will be part of the comprehensively planned development of the MPA, and identifies the mutual responsibilities of the parties in carrying out the metropolitan transportation planning process.

### Public Transportation Joint Participation Agreement

This agreement between the FDOT and the TPO was executed in October 2010 to provide FTA Section 5303 funding to the TPO for the undertaking of technical studies and to implement specific tasks and activities of the UPWP as described in Tasks 3.2 and 3.6.

#### Interlocal Agreement Creating the Treasure Coast Transportation Council

This agreement among the St. Lucie TPO, Indian River MPO, and Martin MPO was executed in April 2006 to create and provide a separate administrative entity to participate cooperatively in identifying and selecting regional facilities for funding available through TRIP.

#### Interlocal Agreement for the Treasure Coast Regional Transit Organization

This agreement between the St. Lucie TPO and the Martin MPO was executed in January 2011 to create a regional forum to address operational, financial, planning, and organizational issues pertaining to public transportation in St. Lucie and Martin Counties and to promote shared goals for improved public transportation in the region.

#### Public Transportation Joint Participation Agreement (Safety Lesson Plans)

This agreement between the FDOT and the TPO was executed in February 2011 to provide SRTS funding to the TPO for the implementation of Safety Lesson Plans at seven public schools, three of which are designated as Title I schools, in the MPA as described in Task 3.7.

### **Operational Procedures & Bylaws**

The TPO operates under a set of bylaws adopted in October 2009 and amended in October 2010. While St. Lucie County provides administrative support services such as legal, financial, purchasing, and other services to the TPO, the TPO is a separate legal entity and autonomous from St. Lucie County. The TPO operates under rules and procedures consistent with State and Federal rules and law. The TPO operational procedures fully comply with the Public Records Laws and the Sunshine Laws of the State of Florida and the federal government. The TPO's official records are maintained in the TPO Administrative Offices, St. Lucie County Administrative Building, 2300 Virginia Avenue, Fort Pierce, Florida 34982-5652. The TPO records are available for public inspection during normal business hours.

### **Statements, Certifications and Assurances**

On an annual basis, the State and the TPO are required to certify to the FHWA and FTA that the planning process is addressing the major issues facing the MPA and that it is being conducted in accordance with the following applicable requirements:

- Title 23 USC Section 134 (Metropolitan Planning)
- Section 5303 of the Federal Transit Act
- Title 23 Section 450.334 of the Code of Federal Regulations (Certification)
- Sections 174 and 176 (c) & (d) of the Clean Air Act,
- Title VI of the Civil Rights Act of 1964 and the Title VI assurance executed by the State,
- Provisions of SAFETEA-LU and corresponding federal regulations, and
- Current provisions of the Americans with Disabilities Act (ADA) of 1990 and the US DOT regulations.

On a quadrennial basis, FHWA and FTA conduct federal certification reviews of TPOs designated for census urbanized areas that also are TMAs. Such reviews for the St. Lucie TPO and Martin MPO, both designated for the Port St. Lucie TMA, were last completed in March 2009 and ultimately resulted in federal certification for the St. Lucie TPO with no Corrective Actions and three Noteworthy Practices being identified for the St. Lucie TPO.

A statement from the certification review conducted jointly with the FDOT in 2012 is included in Appendix B. Appendix C contains the Statements and Assurances of the St. Lucie TPO including the Debarment and Suspension Certification, Disadvantaged Business Enterprise (DBE) Participation Statement, Lobbying Certification, and the Title VI Nondiscrimination Agreement.

### **III. WORK PROGRAM ELEMENTS AND TASKS**

The work program is divided into the following major elements and specific work tasks are discussed in detail within each major element.

ELEMENT 1: PROGRAM ADMINISTRATION

ELEMENT 2: DATA COLLECTION, MONITORING, & MANAGEMENT

ELEMENT 3: RECURRING AND SYSTEMS PLANNING

ELEMENT 4: SPECIAL PROJECT PLANNING

ELEMENT 5: REGIONAL AND INTERGOVERNMENTAL PLANNING AND COORDINATION

ELEMENT 6: PUBLIC INVOLVEMENT, EDUCATION & OUTREACH

**ELEMENT 1: PROGRAM ADMINISTRATION**

Element 1 includes the work tasks necessary to manage the transportation planning process on a continuing, comprehensive, and cooperative basis including program management, meeting facilitation and support, grants and contracts administration, quarterly reporting, certification and auditing, staff education, training, and travel, UPWP development and review, development of legislative priorities, and State support. Specific work tasks are listed below and described on the following pages.

Task 1.1 Program Management

Task 1.2 UPWP Development

Task 1.3 State Support/Match for PL Planning Funds

Task 1.4 State Support/Match for Section 5303 Planning Funds

## Task 1.1 Program Management

### Objective

To coordinate, administer, and manage a continuing, comprehensive, and cooperative transportation planning process for the MPA of the St. Lucie TPO.

### Previous Work

The TPO staff provided technical and administrative support to and facilitated the meetings for the TPO Board and TAC. The staff coordinated, administered, and managed the planning activities to meet the requirements of TPO agreements and other rules and regulations to ensure a continuing, cooperative and comprehensive transportation planning process. The operations included personnel administration and the filling of any staff vacancies and continually reviewing staff organization in order to assure implementation of the UPWP. In addition, work files, computers, and other office equipment were maintained.

The staff also prepared the various documents including financial records needed to assure State and Federal transportation funding, and maintained liaison with the appropriate agencies. TPO Agreements and Bylaws were updated as needed and legislative priorities were developed and adopted annually by the TPO Board. Staff participated in the the FHWA/MPO/FDOT Statewide Video Conferences and performed the Annual Joint Certification Process with FDOT. TPO representatives attended meetings of the MPOAC, NARC, AMPO, and associated subcommittees. Workshops and training sessions were attended to facilitate the above activities and to support addressing the planning priorities in a variety of technical areas including transit planning, access management, public involvement techniques, scenario planning, freight planning, travel demand management, transportation data management and modeling, and community livability/sustainability.

### Methodology

TPO staff will continue to build upon the previous work in this task including the completion of the following activities, and consultant and legal services may be utilized to assist in their completion:

- Provide technical assistance and support to the TPO Board and TAC including the preparation of meeting schedules, agendas, minutes, packets, notices, etc.
- Provide grants and contracts administration and maintain financial records including an annual financial audit as required by 23 CFR 420.121(c) and performed in accordance with 49 CFR 18.26, 49 CFR Part 90, OMB **Circular A133 and Section 215.97 FS. The TPO's financial audit may be conducted concurrent with St. Lucie County's annual financial audit**
- Prepare quarterly progress reports and invoices for the FDOT
- Participate in the annual joint certification review process with the FDOT and the quadrennial Federal certification process

- Maintain computer stations and work files and other office equipment
- Fill any staff vacancies and continually review staff organization in order to assure implementation of the UPWP
- Participate in FHWA/MPO/FDOT Statewide Video Conferences
- Attend meetings of the MPOAC, NARC, AMPO, associated subcommittees, and other related or relevant organizations and agencies
- Prepare legislative priorities annually for review and consideration by the TPO Board

TPO Board and staff members will continue to attend professional workshops and training programs with regard to professional trade associations, geographic information systems, transportation planning, congestion management, public involvement, FDOT/FHWA requirements, scenario planning, freight planning, travel demand management, transportation data management and modeling, community livability/sustainability, and other relevant subjects. Travel may be necessary to complete the activities identified in this task and attend the workshops or training programs.

### **Activities and End Products/Target Dates**

2013 Legislative Priorities	December 2012
2013 Federal Certification Review	March 2013
2014 Legislative Priorities	December 2013
2014 Annual Joint Certification Review	May 2014
Financial Audits	Annually
Board and TAC Meetings and Support	Ongoing
Progress Reports and Invoices	Quarterly
Meetings of MPOAC, NARC, AMPO, Subcommittees, etc.	Ongoing
Grants and Contract Administration	Ongoing
Advertising, Office Equipment, and Supplies	Ongoing
Office Rent and Operations	Ongoing
Legal Services	Ongoing
Travel	Ongoing
Professional Workshops, Training, and Education	Ongoing

### **Responsible Agencies**

St. Lucie TPO

Participating Agencies: FHWA, FDOT, St. Lucie County

### **Funding Sources**

<u>FY 2012/13</u>	
FHWA (PL)	\$190,000
<u>FY 2013/14</u>	
FHWA (PL)	\$200,000



## **Task 1.2 UPWP Development**

### **Objective**

To implement the FY 2012/13 – FY 2013/14 UPWP and develop the FY 2014/15 – FY 2015/16 UPWP which summarizes a program of planning activities and the financial support for those activities.

### **Previous Work**

Staff prepared the FY 2010/11 - FY 2011/12 UPWP, adopted by the TPO on April 7, 2010, and is preparing this UPWP. Staff coordinated with Martin and Indian River County MPOs on development of their UPWPs.

### **Methodology**

This task includes the development of the FY 2014/15 – FY 2015/16 UPWP which will be conducted similarly to the process summarized in Section I for this UPWP. This task also includes preparing and processing budget revisions or task amendments to this UPWP, as needed. In addition, this task includes coordination with Martin and Indian River County MPOs on implementation and development of their UPWPs.

### **Activities and End Products/Target Dates**

FY 2014/15 – FY 2015/16 UPWP Kickoff Meeting	January 2014
Review by Advisory Committees and Board	March 2014
Transmittal to FDOT	March 2014
Public Comment Period	March/April 2014
Adoption by Board	April 2014
Transmittal to FHWA and FTA	May 2014
Resolution of outstanding issues, if necessary	June 2014
UPWP Amendments	As needed

### **Responsible Agencies**

St. Lucie TPO

Participating Agencies: FDOT, FHWA, FTA, FAA, local governments and neighboring MPOs

### **Funding Sources**

<u>FY 2012/13</u>	
FHWA (PL)	\$5,000
<u>FY 2013/14</u>	
FHWA (PL)	\$20,000

### **Task 1.3 State Support/Match for PL Planning Funds**

#### **Objective**

To receive Federal PL Planning funds for transportation planning.

#### **Previous Work**

The previous work for this task includes the following:

- Technical assistance provided by FDOT District 4 for planning and engineering services and for TPO meeting support
- Technical assistance and support provided by FDOT Central Office on matters of policy and to the MPOAC
- State financial assistance provided for special planning projects
- Assistance with scopes of work and consultant selection procedures
- Matching share for PL funds in previous fiscal years
- Technical assistance and training provided to TPO staff

#### **Methodology**

As the match to receive Federal PL Planning funds for transportation planning, FDOT will provide funding, technical assistance, and training on transportation issues and administrative procedures to the TPO. FDOT provides a percentage (18.07 percent) matching share for FHWA PL funds utilized by the TPO. The match involves the use of Florida toll revenue credits as a "soft-match" toward the non-federal matching share of all programs that use PL planning funds. Support services provided by FDOT to the TPO include technical guidance and assistance and regular attendance at TPO Board, TAC, and BPAC meetings.

#### **Activities and End Products/Target Dates**

FDOT matching funds for technical assistance and support Ongoing

#### **Responsible Agencies**

FDOT

#### **Funding Sources**

<u>FY 2012/13</u>	
FDOT	\$XXX,XXX
<u>FY 2013/14</u>	
FDOT	\$XXX,XXX

## **Task 1.4 State Support/Match for Section 5303 Planning Funds**

### **Objective**

To receive FTA Section 5303 grants for general public transportation and/or intermodal planning.

### **Previous Work**

The St. Lucie TPO has applied for and received Section 5303 Transit Planning funding.

### **Methodology**

To receive FTA Section 5303 grants, FDOT and St. Lucie County provide a matching share for those funds. FDOT will provide cash and technical support **services as the state's matching share of FTA Section 5303 funds. Support** services will include guidance and technical assistance to the TPO staff and attendance at meetings.

### **Activities and End Products/Target Dates**

FDOT matching funds for technical assistance and support Ongoing

### **Responsible Agencies**

FDOT

### **Funding Sources**

FY 2012/13

FDOT \$9,931 (allocated to Task 3.2 and Task 3.6)

FY 2013/14

FDOT \$9,931 (allocated to Task 3.2 and Task 3.6)

## **ELEMENT 2: DATA COLLECTION, MONITORING & MANAGEMENT**

Element 2 includes the work tasks necessary to collect, monitor, and manage area travel characteristics and factors affecting travel such as socioeconomic and land use data, transportation system data, and other data concerns and issues. In addition, Element 2 includes efforts to improve the quality of the data and the collection and monitoring processes, to enhance travel demand modeling, and to manage the Traffic Count Program. Specific work tasks are listed below and described on the following pages.

- Task 2.1 Travel Demand Modeling
- Task 2.2 Data Collection and Monitoring
- Task 2.3 Traffic Count Program Management

## **Task 2.1 Travel Demand Modeling**

### **Objective**

To ensure the highest quality of travel demand modeling used by the continuing, cooperative and comprehensive transportation planning processes upon which decision-making is based.

### **Previous Work**

Staff participated on the Greater Treasure Coast Regional Planning Model Version 3 (GTCRPM) project advisory committee. The GTCRPM 3 was installed and utilized to support several tasks including RL RTP implementation, the North/Mid County Connector Study, and regional and intergovernmental planning and coordination. Staff delineated the 2010 Census TAZs and Traffic Analysis Districts (TADs) for the MPA. TPO staff participates on the Statewide Modeling Task Force (MTF) and the Florida Standard Urban Transportation Model Structure (FSUTMS) Users Group.

### **Methodology**

Along with the Indian River and Martin MPOs, the TPO will enhance its contribution and develop the GTCRPM 4.0 in partnership with FDOT. Participating on the Project Advisory Committee, the TPO will be involved with the Model Design and Development; the Data Collection, Compilation and Development; the Model Estimation, Calibration, Validation and Sensitivity Tests, and the subsequent Model Support Services. In addition, the TPO will provide a funding match to FDOT of \$25,000 for each of the two fiscal years for the consultant services associated with the development of the GTCRPM 4.0. Until the GTCRPM 4.0 is validated, the GTCRPM 3 will continue to be utilized to support several tasks including RL RTP implementation and regional/intergovernmental planning and coordination.

### **Activities and End Products/Target Dates**

GTCRPM 4.0 Development (Funding Match)	October 2012 and October 2013
GTCRPM Application and Support	Ongoing

### **Responsible Agencies**

St. Lucie TPO, Indian River MPO, Martin MPO, and FDOT

### **Funding Sources**

<u>FY 2012/13</u>	
FHWA (PL)	\$40,000 (includes \$25,000 funding match to FDOT)

<u>FY 2013/14</u>	
FHWA (PL)	\$40,000 (includes \$25,000 funding match to FDOT)

## **Task 2.2 Data Collection and Monitoring**

### **Objective**

To ensure the highest quality of data and modeling used by the continuing, cooperative and comprehensive transportation planning processes upon which decision-making is based.

### **Previous Work**

Continuing, cooperative, and comprehensive data collection, monitoring, and management processes within the MPA were performed. The TPO also coordinated data collection efforts with the Martin and Indian River MPOs.

The TPO continued to coordinate activities related to land use and socio-economic data collection and analysis. Updates continued regarding Census data and other TAZ information required to support transportation planning. The data inventories were maintained to continue to provide recent and detailed population estimates and projections.

To ensure the accuracy and relevance of geo-spatial data used for visual impact analysis, mapping, and decision making, the TPO staff monitored federal, state, and local GIS geo-spatial databases. GIS was used to map data and information. The TPO participated in discussions related to GIS with local agencies and provided GIS data for the development of the 2035 RL RTP and other TPO plans and studies. **The TPO's** efforts especially concentrated on improving how the GIS data was used, shared, updated, and refined.

Specific activities conducted to ensure that the highest quality of data is collected, monitored, and managed included the development of a Level of Service Analysis System (LOSAS). The LOSAS was developed and implemented to evaluate the congestion and operating condition of the roadway network and produce an Annual Level of Service Report which ultimately supports performance measurement of the transportation system.

### **Methodology**

It was identified in the past that data collection and management among the local agencies in the MPA was fragmented and coordination among the jurisdictions was lacking. That has all changed through the efforts of the TPO.

The TPO will continue to coordinate activities related to land use and socio-economic data collection and analysis. The TPO will assist in maintenance of GIS layers for multimodal transportation facilities on an as needed basis. LOSAS will continue to be maintained and managed, and data collection efforts will continue to be coordinated with the Martin and Indian River MPOs.

Specific activities will be conducted to ensure that the highest quality of data is collected, monitored, and managed. These activities will include the

development and implementation of several data tools and processes which ultimately support performance measurement of the transportation system.

New sets of previously-uncollected data will be developed such as bicycle-pedestrian counts. These counts will be used to evaluate the bicycle and pedestrian use of the transportation network, identify deficiencies and needed improvements, and prioritize projects.

A Standardized Traffic Impact Study Process and Methodology will be developed that will be approved and agreed upon by the local jurisdictions. The approved standardized traffic impact study process will be followed by all new development requiring a traffic study and the resulting traffic study will be reviewed by the responsible jurisdiction. The TPO will be the data repository for all traffic studies and traffic data collected as part of traffic studies. A consultant may be utilized for the development and implementation of the Standardized Traffic Impact Study Process and Methodology.

A Mobility Management and Development Tracking Tool will be developed to evaluate and track development proposals and analyze traffic growth rates and impacts on multi-modal level of service. It is anticipated that the development, implementation, and use of this tool will facilitate the collection of data to support multimodal planning for all modes including roadway, transit, rail, bicycle/pedestrian, etc. A consultant may be utilized for the development and implementation of the Mobility Management and Development Tracking Tool.

**Activities and End Products/Target Dates**

GIS and Data Monitoring, Updates, Maintenance, and Coordination	Ongoing
Bicycle-Pedestrian Counts	Ongoing
LOSAS Management	Ongoing
Standardized Traffic Impact Study Process and Methodology	June 2013
Mobility Management and Development Tracking Tool	June 2014

**Responsible Agencies**

St. Lucie TPO

Participating Agencies: FDOT, Fort Pierce, Port St. Lucie, St. Lucie County

**Funding Sources**

FY 2012/13

FHWA (PL)      \$40,000 (includes potential consultant expenses for LOSAS Management and the Standardized Traffic Impact Study Process & Methodology)

FY 2013/14

FHWA (PL)      \$40,000 (includes potential consultant expenses for LOSAS Management and the Standardized Traffic Impact Study Process & Methodology)

## **Task 2.3 Traffic Count Program Management**

### **Objective**

To collect, monitor, and manage the highest quality of current traffic data on the public roadway network within the MPA.

### **Previous Work**

The St Lucie TPO acted as a clearinghouse for the collection and management of all traffic counts performed in the MPA by the local governments and FDOT. A Traffic Count Data Management System (TCDMS) with data attributes, features, functions and reporting capabilities was developed and implemented, and the TPO managed it.

The TCDMS was developed collaboratively with staffs from Fort Pierce, Port St. Lucie, St. Lucie County, and FDOT District 4. The Fall 2010 and Fall 2011 Traffic Counts were collected and uploaded into the TCDMS, and the resulting reports were published online. The reports were also provided to local governments, private consulting firms, and the public upon request.

### **Methodology**

At the present time, none of the local jurisdictions maintains a formal traffic count program. The Traffic Count Program is necessary to monitor the performance of road segments for transportation planning purposes. The TPO will continue to manage the Traffic Counts Program through the TCDMS and act as a clearinghouse for the collection and management of all traffic counts performed in the MPA by the cities, County, and FDOT.

The TPO will continue to manage and fund the Traffic Count Program until an agreement to share the cost between the TPO and the local governments is appropriate to fund the program in future years. Such an agreement would need to be approved by the elected boards of the local governments.

### **Activities and End Products/Target Dates**

2012 Traffic Count Reports	December 2012
2013 Traffic Count Reports	December 2013

### **Responsible Agencies**

St. Lucie TPO

Participating Agencies: FDOT, Fort Pierce, Port St. Lucie, St. Lucie County



## **Funding Sources**

FY 2012/13

FHWA (PL)

\$40,000 (includes potential consultant expenses for the 2012 Traffic Count Reports)

FY 2013/14

FHWA (PL)

\$40,000 (includes potential consultant expenses for the 2013 Traffic Count Reports)

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**ELEMENT 3: RECURRING AND SYSTEMS PLANNING**

Element 3 includes the systems planning and recurring planning activities. Specific work tasks are listed below and described on the following pages.

- Task 3.1 Regional Long Range Transportation Planning
- Task 3.2 Transit Planning
- Task 3.3 Transportation Improvement Program (TIP)
- Task 3.4 Congestion Management Process (CMP)
- Task 3.5 Bicycle/Pedestrian/Greenway Planning
- Task 3.6 Airport Planning
- Task 3.7 Safety and Security Planning
- Task 3.8 Transportation Disadvantaged (TD) Program

## **Task 3.1 Regional Long Range Transportation Planning**

### **Objective**

To continue to implement the 2035 Regional Long Range Transportation Plan (RLRTP) which includes supporting Livability Initiatives and Climate Adaptation and Energy Use Planning.

### **Previous Work**

The 2035 RLRTP was adopted in February 2011 and was developed with a regional approach to include the area of the Port St. Lucie UZA that is served by the Martin MPO. It was truly a multi-jurisdictional, multi-disciplinary effort to improve general mobility and the quality of life in the TPO and MPO areas. The 2035 RLRTP includes the first multi-modal Cost Feasible Plan, funding for livability efforts, performance measures, and goals, objectives and policies pertaining to climate adaptation and energy use planning.

### **Methodology**

Long range transportation plans are created to cover a 20-year planning horizon and are updated every five years to ensure that a continuing, cooperative, and comprehensive transportation planning process is carried out consistent with all applicable Federal, State, and local rules, regulations, and planning factors. The 2035 RLRTP Cost Feasible Plan prioritizes the transportation improvements and funding commitments anticipated through 2035.

The 2035 RLRTP will continue to be implemented into the TPO planning activities and documents such as the TIP, List of Priority Projects (LOPP), and Regional TDP. Amendments to the 2035 RLRTP will be prepared and adopted as needed. In addition, proposed developments and projects within the St. Lucie TPO MPA will be reviewed for consistency with the RLRTP. The TPO will continue to coordinate with the Martin and Indian River MPOs in the development of facilities which support a regional multi-modal transportation system.

The performance measures developed for the 2035 RLRTP consist of Regional Indicators and Benchmarks for Measuring Implementation of the 2035 RLRTP Goals, Objectives, and Policies. These performance measures will be implemented and monitored on an annual basis.

In addition, the Cost Feasible Plan includes funding for Livable Communities Initiative (LCI) projects. The objectives of the LCI are to improve mobility and quality of life through improvements that encourage the use of alternative transportation modes. The following broad-based strategies, also known as Livability Initiatives, will be facilitated in support of the objectives:

- Linking communities to public transportation
- Developing transit-supportive land uses
- Creating a more positive environment for bicyclists and pedestrians

- Obtaining support of stakeholders
- Encouraging innovative urban design

Characteristics of livable communities include community participation in the decision-making process; well-planned mixed-use neighborhoods; transit, pedestrian, and bicycle access that is compatible with land use; and safety, security, and accessibility for all users of the transportation system.

The efforts to ensure the sustainability of transportation systems in light of intensifying climatic conditions, such as severe weather patterns and rising sea levels will be supported. Climate Adaption and Energy Use Planning will be facilitated through participation in the Southeast Florida Regional Climate Change Compact, assimilation of applicable elements Southeast Florida Regional Climate Change Action Plan, and recognition of the USDOT Policy on Climate Change Adaption that was adopted in June 2011.

**Activities and End Products/Target Dates**

2035 LRTP Implementation	Ongoing
2035 LRTP Amendments	As Needed
Livability Initiatives	Ongoing
Climate Adaption and Energy Use Planning	Ongoing

**Responsible Agencies**

St. Lucie TPO

Participating Agencies: Fort Pierce, Port St. Lucie, St. Lucie County, Martin MPO  
 Indian River MPO, FHWA, FDOT

**Funding Sources**

<u>FY 2012/13</u>	
FHWA (PL)	\$15,000
<u>FY 2013/14</u>	
FHWA (PL)	\$15,000

## **Task 3.2 Transit Planning**

### **Objective**

To provide technical assistance and guidance to the transit providers within the MPA and the region, support public transportation planning and transit grant administration activities, and continue development of a regional public transportation system through support of the Treasure Coast Regional Transit Organization (RTO).

### **Previous Work**

The TPO provided planning and technical support to St. Lucie County and the principal public transit operator, Community Transit. In addition, The TPO provided planning and technical assistance for the Competitive Selection Process for the JARC/New Freedom grants for the Port St. Lucie UZA.

TPO staff attended quarterly Treasure Coast Transit Meetings (TCTM), a regional forum for transit agency representatives. TPO staff assisted St. Lucie County and Community Transit staff with their State quality assurance audit and in identifying projects for potential federal grant funding.

TPO staff coordinated and assisted in the designation of Park & Ride Lots at local municipal facilities. TPO staff also facilitated the extension of I-95 Express Bus Service to the MPA. The TPO participated in the Amtrak/FEC Corridor Coalition and assisted in the planning for the extension of Amtrak/passenger rail service on the Florida East Coast (FEC) railroad line.

The RTO was formed in January 2011 to provide a forum to address operational, financial, planning and organizational issues related to the provision of public transportation in the St. Lucie TPO and the MPO areas. The RTO is governed by a Board comprised of elected officials from the local jurisdictions of the St. Lucie TPO and the Martin MPO and representatives from the local economic development agencies. The inaugural meeting of the RTO Board was conducted in August 2011. A Transit Technical Advisory Committee (TTAC), consisting of technical staff from each of the participating jurisdictions, was appointed by the RTO Board to provide technical recommendations to the RTO Board on public transportation issues related to the planning and implementation of a regional transit system. The first meeting of the TTAC was conducted in October 2011. The TPO provided staff support to the RTO Board and TTAC.

### **Methodology**

The TPO will continue to assist in support of the RTO and its activities. Consistent with the 2035 RL RTP and the UPWP Planning Priorities, the TPO will advance planning efforts to extend passenger and high-speed rail service to St. Lucie with funding and/or resource contributions. The TPO will coordinate and facilitate a Park & Ride Lot Program by building upon and/or implementing the results of previous planning efforts such as the recently-designated Park &

Ride lots at local municipal and commercial facilities and extension of the I-95 Express Bus Service into the MPA.

Other transit planning activities include providing technical and planning assistance to the County and the Transit Operator in order to maintain the **County's eligibility for the continued receipt of federal and state transit grant funds**. These activities include supporting Regional TDP Minor and Major Updates and Annual Progress Reports, assisting with the JARC/New Freedom Competitive Selection Process, coordinating quarterly meetings among transit providers and transit staff in the region and monitoring the performance of the transit system on an ongoing basis. In addition, the TPO will promote intermodal planning and coordinate other transit planning activities such as Travel Demand Management (TDM) strategies with Martin and Indian River MPOs and South Florida Commuter Services. Coordination with specialized transportation services will also occur through the quarterly transit meetings.

**Activities and End Products/Target Dates**

JARC/New Freedom Competitive Selection Process	July 2012
Regional TDP Minor Update/Annual Progress Report	December 2012
JARC/New Freedom Competitive Selection Process	July 2013
Regional TDP Major Update	December 2013
Provision of Technical Assistance to County/Transit Operator	Ongoing
Park & Ride Lot Program	Ongoing
RTO Support	Ongoing
Passenger and High-Speed Rail Service Program Planning	Ongoing
Promotion of Intermodal Planning and Transit Planning Coordination	Ongoing

**Responsible Agencies**

St. Lucie TPO, Martin MPO, St. Lucie County, FTA, FDOT, South Florida Commuter Services, Community Transit, Martin County Transit Operator

Participating Agencies: Indian River MPO, Indian River Community Coach, Fort Pierce, Port St. Lucie

**Funding Sources**

FY 2012/13

FHWA (PL)	\$15,000	(includes potential consultant
FTA (5303)	\$71,447	expenses for the Regional TDP
FDOT (also identified in Task 1.4)	\$8,931	Major Update and Rail Service
St. Lucie County	\$8,931	Program Planning)

FY 2013/14

FHWA (PL)	\$15,000	(includes potential consultant
FTA (5303)	\$71,447	expenses for the Regional TDP
FDOT (also identified in Task 1.4)	\$8,931	Major Update and Rail Service
St. Lucie County	\$8,931	Program Planning)

### **Task 3.3 Transportation Improvement Program (TIP)**

#### **Objective**

To annually coordinate, update, and maintain the five-year TIP which reflects Federal, State, and local funding and identifies all Federal, State, and locally-funded transportation improvements within the TPO area.

#### **Previous Work**

The TPO annually developed a LOPP and continued to improve the LOPP into a more user-friendly format which included an Integrated TE LOPP. The TPO also annually developed a TIP in coordination with FDOT and local agency and government officials. In addition, the TPO reviewed annually the **FDOT's** Draft Tentative Work Program and the Annual Publication of Federal Projects and coordinated with FDOT to amend the TIP and process State TIP (STIP) amendments as needed.

A web-based Interactive TIP was developed for the St. Lucie TPO to streamline TIP reporting and improve access to it and its usefulness for Board members, advisory committees, and the general public by incorporating enhanced user-friendliness and visualization techniques. The platform/software for the Interactive TIP was selected in cooperation with FDOT District 4 and the four other MPOs within the District.

A Transportation Enhancement (TE) Project Prioritization Methodology was developed which was adopted by the TPO Board in June 2011. The TE Project Prioritization Methodology was utilized to prioritize TE projects, projects other than roadway and transit projects, based on criteria consistent with the 2035 RL RTP and other TPO plans and programs.

#### **Methodology**

The TIP will continue to be developed annually based on the 2035 RL RTP, Regional TDP, CMP, bicycle/pedestrian plans, airport and port plans, the TE Project Prioritization Methodology, and other planning activities as necessary. The TPO will prepare and adopt two TIPs under this two-year UPWP covering the FY 2013/14 – FY 2017-18 and the FY 2014/15 – FY 2018/19 periods.

The development of the TIP will include the preparation of the LOPP which prioritizes roadway, transit, and enhancement projects. The LOPP will be prepared with input from local agency and FDOT staffs, the public, and the TPO advisory committees. The Draft Tentative Work Program will be reviewed to ensure consistency with the LOPP and the 2035 RL RTP and will be considered by the TPO advisory committees and Board for endorsement. **FDOT's** Final Tentative Work Program and the Annual Publication of Federal Projects will be incorporated into the TIP. The TIP will be adopted by the Board after a public comment period and review of the draft TIP by the advisory committees, and the Interactive TIP subsequently will be launched.

The Interactive TIP will continue to be maintained by The TPO will coordinate with FDOT to amend the TIP and process STIP amendments as needed.

**Activities and End Products/Target Dates**

Submittal of 2012/13 LOPP to FDOT	September 2012
Review/Endorsement of FDOT's Five-Year Work Program	December 2012
FY 2013/14 – FY 2017/18 Interactive TIP	June 2013
Annual Publication of Federal Projects	June 2013
Submittal of 2013/14 LOPP to FDOT	September 2013
Review/Endorsement of FDOT's Five-Year Work Program	December 2013
FY 2014/15 – FY 2018/19 Interactive TIP	June 2014
Annual Publication of Federal Projects	June 2014
TIP/STIP Amendments	As needed

**Responsible Agencies**

St. Lucie TPO and FDOT

Participating Agencies: Fort Pierce, Port St. Lucie, St. Lucie County, Community Transit

**Funding Sources**

<u>FY 2012/13</u>		
FHWA (PL)	\$10,000	(includes potential consultant expenses for Interactive TIP maintenance, support and web-hosting services)
<u>FY 2013/14</u>		
FHWA (PL)	\$10,000	(includes potential consultant expenses for Interactive TIP maintenance, support and web-hosting services)



**Task 3.4 Congestion Management Process (CMP)**

**Objective**

To update and maintain the CMP and identify and prioritize CMP projects for the FDOT Work Program and the TPO LOPP and TIP.

**Previous Work**

A major update of the CMP was completed in September 2011 which developed project prioritization criteria, identified CMP projects and funding sources, established multimodal system performance measures, and developed an Implementation Plan. In addition, strategies which reduce vehicle miles traveled and greenhouse gas emissions were explored as part of the CMP Update consistent with the Goals, Objectives and Policies of the 2035 RL RTP.

A CMP toolbox was developed to assist in CMP project identification and prioritization which included Multimodal, Travel Demand Management, Utilizing Existing Capacity More Efficiently, and Adding More Base Capacity categories. Incorporating multimodal performance measures, the Implementation Plan utilizes both traditional and non-traditional strategies to address the areas of concern and proposes improvements which support multimodal elements and safety.

**Methodology**

The CMP provides the information necessary to identify areas with congestion or safety issues and explores strategies to address the areas of concern. The CMP Implementation Plan prioritizes projects which address the identified congestion and safety issues using one or more of the explored strategies.

The CMP and its Implementation Plan will be utilized to allocate the TPO’s CMP box funds, \$300,000 annually, which start in FY 2014/15. The CMP will also be used for the annual development of the LOPP, TIP, and Work Program, and for ongoing project prioritization as needed. The performance of the CMP will be measured annually and reported. The Implementation Plan of the CMP may be updated based on the Annual Reports.

**Activities and End Products/Target Dates**

2012 CMP Annual Report	February 2013
2013 CMP Annual Report	February 2014
Project Prioritization	Ongoing

**Responsible Agencies**

St. Lucie TPO

Participating Agencies: FDOT, Fort Pierce, Port St. Lucie, St. Lucie County

## **Funding Sources**

<u>FY 2012/13</u> FHWA (PL)	\$10,000
<u>FY 2013/14</u> FHWA (PL)	\$10,000

## **Task 3.5 Bicycle/Pedestrian/Greenway Planning**

### **Objective**

To review, update, and implement the 2035 Bicycle, Pedestrian, Greenways and Trails Vision, build upon previous bicycle/pedestrian/greenway planning efforts, and continue the ongoing planning and coordinating efforts which support the provision of bicycle, pedestrian, and greenway facilities.

### **Previous Work**

Staff continued to support local governments and the St. Lucie School District in their efforts to fund and construct pedestrian and bicycle facilities in the MPA. In addition, the TPO coordinated with and worked in partnership with the FDOT and the FDEP Office of Greenways and Trails (OGT) in the planning, prioritizing, funding, and implementation of bicycle, pedestrian, and greenway facilities. Staff also worked in partnership with the East Coast Greenway Alliance to implement the East Coast Greenway through the MPA.

The 2035 RL RTP includes funding for the Treasure Coast Loop Trail. The project will link origins and destinations in the eastern core of the MPA and improve non-motorized access to and from Hutchinson Island. The Treasure Coast Loop Trail also will connect St. Lucie and Martin Counties and is envisioned to be a state-of-the-art greenway trail built to multi-use trail standards.

The South Causeway Bridge Reconfiguration Study was completed in December 2011 to evaluate the feasibility of improving the accommodations for bicycles and pedestrians on the South Causeway Bridge in Fort Pierce.

The Bicycle/Pedestrian Corridor Study Area of Interest Analysis was completed in December 2011 which examined an area of interest identified in the February 2010 Bicycle/Pedestrian Corridor Study. The analysis was completed to identify an alignment for a potential multi-use pathway through the area.

In further building upon the completed Bicycle/Pedestrian Corridor Study, a Facility Implementation Plan was initiated in February 2012 for a specific facility identified in the Study to be necessary for completion of the corridor. The purpose of the Plan is to facilitate the formal designation of the first pathway of the Florida East Coast Greenway (FECG) into the St. Lucie TPO area.

### **Methodology**

The TPO will continue to periodically review the 2035 Bicycle, Pedestrian, Greenways and Trails Vision and perform activities as needed in support of its implementation. Potential bicycle/pedestrian/greenway projects will be identified for funding **and considered for prioritization in the TPO's LOPP.**

TPO staff will continue to coordinate with the local governments, the St. Lucie School District, FDOT, FDEP OGT, and the East Coast Greenway Alliance

regarding bicycle/pedestrian/greenway issues and the planning, prioritizing, funding, and implementation of bicycle/pedestrian/greenway facilities. Coordination of bicycle/pedestrian/greenway planning activities will occur through the BPAC, TAC, and CAC.

The TPO will develop and implement an Inventory Program of pedestrian facilities within the MPA. The final GIS line files and segment attribute data obtained for the inventory will be provided to the local jurisdictions to update their GIS databases. The inventory will also be used for monitoring the progress toward implementation of the 2035 Bicycle, Pedestrian, Greenways and Trails Vision, for the completion of Safe Routes to Schools (SRTS) and other grant applications, and for the future addition to interactive online mapping systems.

The TPO will initiate project planning activities to facilitate implementation of the Treasure Coast Loop Trail. Potential Treasure Coast Loop Trail projects will be identified through these planning activities. Implementation plans will be prepared, and the projects will be **considered for prioritization in the TPO’s LOPP.**

In addition, TPO staff will facilitate the program for the Treasure Coast Scenic Highway (TCSH) which traverses the St. Lucie TPO MPA. To enhance the corridor facilities while protecting the corridor resources, the TPO through the TCSH Committee will provide coordination for the planning, prioritizing, funding, and implementation of facilities within the corridor. The TCSH Committee meetings and support activities are included in the program.

**Activities and End Products/Target Dates**

Pedestrian Facility Inventory Program	June 2013
Local Coordination/Support and Project Prioritization	Ongoing
East Coast Greenway Coordination and Implementation	Ongoing
Treasure Coast Loop Trail Project Planning	Ongoing
Treasure Coast Scenic Highway Program	Ongoing

**Responsible Agencies**

St. Lucie TPO

Participating Agencies: FDOT, St. Lucie County, Fort Pierce, Port St. Lucie

**Funding Sources**

FY 2012/13  
FHWA (PL)                      \$50,000 (includes potential consultant expenses for East Coast Greenway Coordination/Implementation and Treasure Coast Loop Trail Project Planning)

FY 2013/14  
FHWA (PL)                      \$50,000 (includes potential consultant expenses for East Coast Greenway Coordination/Implementation and Treasure Coast Loop Trail Project Planning)

## **Task 3.6 Airport Planning**

### **Objective**

To assist in the implementation of the St. Lucie County International Airport Master Plan and other planning efforts of the airport.

### **Previous Work**

The TPO assisted in the planning efforts of the St. Lucie County International Airport including participating in the development of the Airport Master Plan Update. The St. Lucie TPO staff is a member of the Master Plan Tenant/Technical Advisory Committee (TTAC). The TPO participated in the Continuing Florida Aviation System Planning Process (CFASPP) through the Treasure Coast Region Steering Committee. A representative of airport staff is a member of the TPO TAC.

### **Methodology**

The Master Plan Update identified a long range, orderly commercial direction for airport development which will yield a safe, efficient, economical, and environmentally-acceptable air transportation facility. The plan includes a five-year capital improvement program for future development of the airport, an overview of land use compatibility issues in the airport environs, and a **comprehensive overview of the airport's needs over the next 20 years.**

The TPO will provide planning assistance and funding support to the airport consistent with the Airport Master Plan including for multimodal facilities planning; studies related to airport management, planning, operations, security, capital requirements, and economic feasibility; work elements and related activities preliminary to and in preparation for constructing, acquiring, or improving the operation of airport facilities and equipment; and/or for the planning, engineering, design, and evaluation of an airport public transportation or security project. The activities conducted by and the support provided by the TPO to enhance and assist the airport planning efforts will be identified in cooperation with airport staff.

### **Activities and End Products/Target Dates**

Attendance at various meetings	Ongoing
Provision of planning assistance and support	Ongoing

### **Responsible Agencies**

St. Lucie TPO, St. Lucie County

Participating Agencies: FDOT, FAA

**Funding Sources**

FY 2012/13

FHWA (PL)	\$10,000	(includes potential funding
FTA (5303)	\$8,000	match to St. Lucie County
FDOT (also identified in Task 1.4)	\$1,000	International Airport)
St. Lucie County	\$1,000	

FY 2013/14

FHWA (PL)	\$10,000	(includes potential funding
FTA (5303)	\$8,000	match to St. Lucie County
FDOT (also identified in Task 1.4)	\$1,000	International Airport)
St. Lucie County	\$1,000	

## **Task 3.7 Safety and Security Planning**

### **Objective**

To provide for the consideration and implementation of projects, strategies, and services that increase the safety and security of the transportation system within both short-term and long-term horizons for motorized and nonmotorized users which in turn enhances the livability and sustainability of the local communities.

### **Previous Work**

A Crash Data Management System (CDMS) was developed to support safety performance measurement of the transportation network and CMP, analyze and define safety countermeasures, suggest traffic safety studies, identify project needs and scopes, and assist in obtaining new funding for safety projects.

The TPO developed and implemented the (SRTS) Safety Lesson Plan Program at several Title I elementary schools within the MPA. The lesson plans cover topics that encourage children to walk and bicycle to school and include bicycle helmet use, jaywalking, and navigating streets without sidewalks. Topic choices were selected based on input from each school regarding safety concerns, student academic needs, and specific teaching styles. The Safety Lesson Plans become **part of the School Board's comprehensive safety program.**

TPO staff participated in the development of the Florida Pedestrian Safety Action Plan. TPO staff also participated as a primary member of the St. Lucie Community Traffic Safety Team (CTST) and attending quarterly meetings.

TPO staff assisted in the development of the St. Lucie County Post-Disaster Redevelopment Plan and participated in the Infrastructure and Facilities Workgroup. In addition to the CTST, the TPO facilitated interagency coordination with regard to security through the TAC. To increase the interagency coordination and security stakeholders in the transportation planning process, a representative of the St. Lucie County Sheriff was added to the TAC.

Transportation security as a project selection criterion was incorporated into the 2035 RL RTP. The projects which enhance secure travel for all transportation system users were selected for the Cost Feasible Plan of the 2035 RL RTP through the application of the Goals, Objectives, and Policies (GOPs) and **subsequent inclusion in the TPO's LOPP.**

### **Methodology**

The TPO will update its Continuity of Operations Plan (COOP) and perform a COOP exercise to identify any emergency processes that require enhancement.

The TPO will implement the SRTS Safety Lesson Plan Program at several additional Title I elementary schools within the MPA.

The TPO will continue to select and advance projects that recognize, highlight, and promote projects that address transportation security. A security issue within the MPA will be identified through dataset analysis and/or asset, risk, probability, and vulnerability assessments. Depending on the nature of the security issue that is identified, countermeasures will be developed which mitigate the security issue in the short-term or modifications to facilities and operations which provide recovery will be developed to mitigate the security issue in the long-term.

The CDMS will be maintained and supported to facilitate safety project identification and analysis. An educational safety program may be developed and implemented depending on the analysis. Alternatively, potential safety projects will be identified for funding, evaluated for consistency with the State Highway Safety Plan, and considered for inclusion in the CMP and prioritization **in the TPO's LOPP**. TPO staff will continue to participate as a primary member of the St. Lucie CTST.

**Activities and End Products/Target Dates**

COOP Update and Exercise	December 2012
SRTS Safety Lesson Plan Program	March 2013
Safety Project Identification & Analysis/Program Implementation	June 2013
Security Issue Identification	June 2013
Security Issue Mitigation	June 2014
CTST Meetings	Quarterly
CDMS Maintenance and Support	Ongoing

**Responsible Agencies**

St. Lucie TPO

Participating Agencies: St. Lucie County, City of Fort Pierce, City of Port St. Lucie, FDOT, Florida Highway Patrol, St. Lucie Fire District

**Funding Sources**

FY 2012/13

SRTS	\$38,000	
FHWA (PL)	\$15,000	(includes potential consultant expenses for Safety Project Identification and Analysis, Security Issue Identification and Mitigation, and CDMS Maintenance and Support)

FY 2013/14

FHWA (PL)	\$15,000	(includes potential consultant expenses for Safety Project Identification and Analysis, Security Issue Identification and Mitigation, and CDMS Maintenance and Support)
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## **Task 3.8 Transportation Disadvantaged (TD) Program**

### **Objective**

To provide coordination and planning services for the St. Lucie County TD Program in accordance with Chapter 427 FS, Rule 41-2 FAC, and the Americans with Disabilities Act (ADA).

### **Previous Work**

In accordance with State requirements, the St. Lucie TPO is the Designated Official Planning Agency (DOPA) for the TD program in St. Lucie County. In that capacity, the TPO appointed a Local Coordinating Board (LCB), prepared a Transportation Disadvantaged Service Plan (TDSP), developed operating policies, prepared grant applications, provided administrative services to the LCB, and provided technical assistance to the Community Transportation Coordinator (CTC). TPO staff also managed the process of selecting a CTC, performed annual CTC evaluations, and assisted in the development of the TDSP annual updates.

In Florida, the TDSP complies with applicable FCTD regulations and FTA regulations for a Coordinated Public Transit-Human Services Transportation Plan. These plans are required for eligibility for the Job Access & Reverse Commute (JARC) and New Freedom grant programs.

The TPO and the TD Program incorporated Environmental Justice into its mission by identifying and addressing, as appropriate, the effects of programs, policies, and activities on minority and low-income populations. In addition, the TPO's Environmental Justice initiatives continually strived to involve the potentially affected public and to develop partnerships with and enhance the participation by traditionally underserved communities and individuals. In addition to minority and low-income populations, the traditionally underserved include seniors, persons with disabilities, and transit dependent and non-driving individuals.

### **Methodology**

TPO staff will manage the process of selecting a Community Transportation Coordinator (CTC). Once selected, TPO staff will assist the CTC in its role of providing safe, coordinated TD services to the elderly, disabled, and the economically disadvantaged citizens in St. Lucie County. Staff will assist the CTC in the development of the Transportation Disadvantaged Service Plan (TDSP) Major Update.

TPO staff will also provide administrative services to the LCB. This will include preparation of minutes, agendas, grant applications, progress reports, and other products. Staff will also assess legislatively mandated changes to the state TD program and undertake TD-related activities as necessary to comply with state legislation. Additional activities will include assessing the areas where demand-

response services are needed but are not within the local provider service area. Staff will assist in finding alternatives to accommodate those needs.

The TD program is coordinated with other public transit planning and services through the LCB and associated work products. TPO staff will coordinate with FDOT and provide technical assistance for the transitioning of non-life sustaining riders from current demand response program services to fixed or deviated route services.

The TD Program will continue to incorporate Environmental Justice into its mission by identifying and addressing, as appropriate, the effects of programs, policies, and activities on minority and low-income populations. The TPO will continue to strive to involve the potentially affected public and to develop partnerships with and enhance the participation by the traditionally underserved. The FTA is updating its Title VI Circular to clarify requirements for compliance. TPO staff will update the TPO Title VI program to conform to the new FTA requirements.

### **Activities and End Products/Target Dates**

TD Grant Applications	Annually
TD Progress Reports	Quarterly
LCB Meeting Agendas, Packets, Notices, and Minutes	Quarterly
2012 Annual CTC Evaluation	December 2012
TDSP/Coordinated Plan Minor Update	December 2012
2013 Annual CTC Evaluation	December 2013
TDSP/Coordinated Plan Major Update	December 2013

### **Responsible Agencies**

St. Lucie TPO

Participating Agencies: St. Lucie County, Community Transit, FDOT, South Florida Commuter Services

### **Funding Sources**

<u>FY 2012/13</u>	
State TD Trust Fund	\$22,573
<u>FY 2013/14</u>	
State TD Trust Fund	\$22,573

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**ELEMENT 4: SPECIAL PROJECT PLANNING**

Element 4 includes non-recurring special projects and planning activities that are not readily classified within the other elements. Specific work tasks are listed below and described on the following pages.

Task 4.1 North/Mid County Connector Study Implementation

Task 4.2 US-1 Corridor Retrofit Project

## **Task 4.1 North/Mid County Connector Study Implementation**

### **Objective**

To implement the results of the North/Mid County Connector Study and continue the planning efforts for the Preferred Corridor Alignment.

### **Previous Work**

The TPO participated with the TCRPC in St. Lucie County's North County Charrette conducted in 2004 that generated the Towns, Villages and Countryside (TVC) concept and comprehensive plan element. The northern portion of St. Lucie County and the western annexation area of Port St. Lucie are expected to experience a significant amount of growth. The FY 2008/09 - FY 2009/10 UPWP included the completion of the North/Mid County Connector Study to identify a corridor through the northern or middle portion of St. Lucie County to connect the TVC with the western annexation area of Port St. Lucie. The North/Mid County Connector Study was completed in April 2010, and the TPO identified a Preferred Corridor Alignment.

### **Methodology**

The northern portion of St. Lucie County and the western annexation area of Port St. Lucie are expected to experience a significant amount of growth, and a north-south roadway corridor does not exist for travel through the County that is located west of North 25th Street other than Interstate 95 and the Turnpike. A connected roadway network provides enhanced accessibility and mobility to support the proposed development.

The Preferred Corridor Alignment identified by the North/Mid County Connector Study could provide the north-south connection among the TVC, the St. Lucie International Airport, the Treasure Coast Research Park, and the western annexation area of Port St. Lucie. However, the appropriate right-of-way requires identification and reservation to facilitate the construction of the connector. In addition, the Florida Department of Transportation (FDOT) has coordinated initial discussions regarding the Northern Connector, which includes a new interchange with I-95, a new interchange **with Florida's Turnpike, and a** road that connects these two interchanges with Johnston Road to the east. The western extension of this new road could connect to the North/Mid County Connector Preferred Alignment.

The TPO will continue to consider traffic and multimodal transportation improvements to the Preferred Corridor Alignment identified in the North/Mid County Connector Study. The TPO will assist and support the efforts to identify and reserve the appropriate right-of-way for the corridor such as coordinating the necessary local comprehensive plan amendments. Land use along the corridor will be considered in relation to the type and arrangement of transportation improvements, and the integration of the corridor with a surrounding transportation network also will be considered.

In addition, subsequent studies such as the completion of a preliminary feasibility study may be conducted and supported by the TPO. The preliminary feasibility study will evaluate “fatal flaws” with the Preferred Corridor Alignment. The objective of the study is to complete a detailed analysis to further evaluate the Preferred Corridor Alignment with respect to environmental factors, socio-cultural factors and engineering factors.

**Activities and End Products/Target Dates**

Right of Way Identification and Reservation	Ongoing
Preliminary Feasibility Study	June 2014

**Responsible Agencies**

St. Lucie TPO

Participating Agencies: Fort Pierce, Port St. Lucie, St. Lucie County

**Funding Sources**

<u>FY 2012/13</u>	
FHWA (PL)	\$0
<u>FY 2013/14</u>	
FHWA (PL)	\$60,000 (includes potential consultant expenses for the Preliminary Feasibility Study)

## Task 4.2 US-1 Corridor Retrofit Project

### Objective

To perform multimodal planning to support the implementation of the US-1 Corridor Retrofit Project which will increase mobility options by providing alternative transportation facilities including sidewalks, bike paths/lanes, and transit infrastructure.

### Previous Work

The 2035 RL RTP Cost Feasible Plan includes funding for the US-1 Corridor Retrofit Project. The US-1 Corridor is a significantly constrained roadway in many areas and was determined to be cost infeasible for roadway widening. Therefore, a context sensitive approach was developed as a strategic alternative to roadway widening to achieve viable transportation options and enhanced efficiency. The US-1 Corridor Retrofit Project is an alternative to roadway widening along the US-1 Corridor. The 2035 RL RTP Cost Feasible Plan assumes **an innovative approach where roadway funds are “flexed” to implement** the transportation components of the US 1 Corridor Retrofit.

A US-1 Corridor Intersections Pedestrian Safety Study was completed in October 2011 which evaluated the conditions with respect to pedestrian safety at the US-1 intersections at Virginia Avenue, Tiffany Avenue, Prima Vista Boulevard, and Port St. Lucie Boulevard to identify opportunities for the implementation of pedestrian safety improvements. Based on the results of the Study, only remedial safety improvements were recommended at the intersections.

### Methodology

Planning efforts will be initiated in cooperation with the Martin MPO and FDOT to support the implementation of the US-1 Corridor Retrofit Project elements which include the following:

- Transit-supportive redevelopment in the corridor
- Rapid bus transit along US 1
- Branded buses and stations
- Bus priority treatments including transit signal priority and bus queue jumper lanes at key intersection bottlenecks
- Signal coordination improvements including enhanced arterial progression
- Improved grid network of connecting streets following traditional neighborhood design principles
- Context sensitive design solutions that encourage transit accessibility and walkability
- Sustainable redevelopment in the corridor following Livable Communities Initiative principles
- Regional and inter-city passenger rail service in the parallel FEC Railroad corridor

The planning efforts will facilitate the identification and prioritization of projects along the US-1 Corridor. In addition, the TPO will coordinate the Remedial Intersection Safety Improvements identified by the US-1 Corridor Intersections Pedestrian Safety Study

**Activities and End Products/Target Dates**

Project Identification and Prioritization	Ongoing
Coordination of Remedial Intersection Safety Improvements	Ongoing

**Responsible Agencies**

St. Lucie TPO, Martin MPO, and FDOT

Participating Agencies: Fort Pierce, Port St. Lucie, St. Lucie County, FDOT

**Funding Sources**

<u>FY 2012/13</u>	
FHWA (PL)	\$10,000
<u>FY 2013/14</u>	
FHWA (PL)	\$10,000

**ELEMENT 5: REGIONAL AND INTERGOVERNMENTAL PLANNING AND COORDINATION**

Element 5 includes the planning and coordination activities with the MPOAC and other MPOs, State and Federal agencies, the TCRPC, and local agencies and governments that are not readily classified within the other elements. Specific work tasks are listed below and described on the following pages.

Task 5.1 Regional Planning and Coordination

Task 5.2 Intergovernmental Planning and Coordination



## Task 5.1 Regional Planning and Coordination

### Objective

To coordinate with Federal, State, and other public agencies which are not considered to be local agencies or governments (such as the other MPOs, FDOT, and the TCRPC) on projects and activities that are not identified within specific tasks in the other elements of the UPWP.

### Previous Work

The TPO provided staff support and facilitated the regional meetings of the St. Lucie TPO/Martin MPO Joint Board, Joint TAC, Joint CAC, the Treasure Coast Transportation Council (TCTC), and the Southeast Florida Federation of Metropolitan Organizations (SEFFMO). Regional Transportation Regional Incentive Program (TRIP) projects for approval by the TCTC were developed.

The TPO was a primary agency along with the other MPOs in the Southeast Florida Region in forming the Southeast Florida Regional Partnership to obtain a Sustainable Communities Initiative grant from the U.S. Department of Housing and Urban Development in 2011. The partnership is developing for Southeast Florida a 2060 Regional Vision and Blueprint for Economic Prosperity. Anticipated to be completed in 2014, the plan is being developed through scenario planning using a regional database, performance measures, and public engagement which requires TPO/MPO involvement for it to be truly successful.

The enhanced relationship with the Martin MPO continued and included joint board and advisory committee meetings which culminated in the highly-successful adoption of the 2035 RL RTP. Extensive coordination with the Indian River MPO staff also continued with particular emphasis on the regional coordination efforts.

Projects that were undertaken by FDOT and regularly coordinated with TPO staff included planning projects such as the Statewide Transportation Summit, Statewide Model Task Force (MTF), FDOT District 4 Public Involvement Best Practices & Information Sharing Workshop, and the 2060 Florida Transportation Plan and roadway improvement projects such as the Crosstown Parkway Bridge and Kings Highway. The activities conducted by the TPO included attending meetings, reviewing plans and reports, providing information, making recommendations, and facilitating presentations to the TPO Board and advisory committees on behalf of the FDOT.

The TPO participated on the Treasure Coast Traffic Incident Management (TIM) Team and attended other miscellaneous regional planning and coordination meetings. The TPO also participated in FDOT's Efficient Transportation Decision Making (ETDM) process by uploading project information into the ETDM, completing planning and programming level screening analyses, and attending the FDOT District 4 Environmental Technical Advisory Team (ETAT) meetings.

## Methodology

TPO staff will continue to maintain liaison with the FDOT, TCRPC, Martin and Indian River MPO staffs and coordinate with various non-local governmental and public agencies on transportation projects and activities affecting the MPA. To accomplish this task, TPO staff will attend meetings; review plans, reports, and other documents; provide data, information, comments, and recommendations; and facilitate presentations to the TPO Board and advisory committees on behalf of the agencies, as appropriate. The TPO staff also will provide meeting schedules, agendas, minutes, packets, notices, and other staff support, as necessary, for joint meetings with other MPOs. The TPO will also continue to participate on the Treasure Coast TIM Team and attend other miscellaneous regional planning and coordination meetings.

The TPO will continue its participation as a primary agency along with the other MPOs in the Southeast Florida Region in the Southeast Florida Regional Partnership and assist in the development of the 2060 Regional Vision and Blueprint for Economic Prosperity. The TPO also will continue to participate in the FDOT District 4 ETAT and the ETDM process.

The TPO will enhance freight planning to a regional level through participation on the Southeast Florida Freight Advisory Committee. In addition, the TPO will and enhance Intracoastal Waterway Planning through the development of a Maritime Management Plan (MMP) with the Martin MPO. The MMP will identify and prioritize the waterway access needs and facilities of the waterway transportation system. The MMP may be utilized to promote and maximize the economic vitality and public benefit of the waterway.

## Activities and End Products/Target Dates

Intracoastal Waterway Planning/Maritime Management Plan	June 2014
SE Florida Regional Partnership/2060 Regional Vision and Blueprint	June 2014
Regional Freight Planning	Ongoing
Maintain liaison with the FDOT, TCRPC, MPO, and other agency staffs	Ongoing
Prepare joint meeting schedules, agendas, minutes, packets, etc.	As needed
ETDM/ETAT participation	Ongoing
Attend Treasure Cost TIM and other meetings	Ongoing

## Responsible Agencies

St. Lucie TPO, Martin MPO, Indian River MPO, FDOT, TCRPC

## Funding Sources

### FY 2012/13

FHWA (PL) \$35,000 (includes potential consultant expenses for the MMP)

### FY 2013/14

FHWA (PL) \$35,000 (includes potential consultant expenses for the MMP)

## **Task 5.2 Intergovernmental Planning and Coordination**

### **Objective**

To coordinate with local agencies and governments on projects and activities that are not identified within specific tasks in the other elements of the UPWP.

### **Previous Work**

TPO staff coordinated with various local agencies and governments on transportation projects and activities affecting the MPA. The planning and coordination activities included attending meetings; reviewing plans, reports, and other documents; and providing data, information, comments, and recommendations. TPO staff reviewed and commented on various land use amendments and development plans for local governments in the MPA. TPO staff also assisted staffs of the local governments with transportation issues associated with State Route A1A, various transportation grants, proportionate fair share calculations and dedications for transportation improvements, and the Treasure Coast Research Park. The GTCRPM was utilized by the TPO staff to assist in the analyses of the transportation issues.

Other Intergovernmental Planning and Coordination efforts included participation on the St. Lucie School Bus Stop/Sidewalk Committee and the Fort Pierce Planning Technical Review Committee.

### **Methodology**

In continuing this role, TPO staff will coordinate with various local agencies and governments on transportation projects and activities affecting the MPA. TPO staff will continue to attend meetings; review plans, reports, and other documents; provide data, information, comments, and recommendations; and undertake other coordination activities as appropriate. The GTCRPM will continue to be utilized by the TPO staff to assist in the analyses of the transportation issues. TPO staff will also provide technical support to the local agencies and governments in the completion of transportation improvement grant applications.

To promote consistency among local plans and ensure proportionate fair share contributions from development, the TPO will identify projects based on its TIP, LOPP, and **FDOT's Work Program to be included in Capital Improvement Elements** of local government comprehensive plans. The TPO will conduct reviews of local projects from a traffic and transportation perspective to evaluate consistency with regional and long range plans. The TPO will also review relevant plans regarding airport and port planning activities in relation to TPO planning and programming activities.

**Activities and End Products/Target Dates**

Attendance at various meetings	Ongoing
Provision of data, information, and comments	Ongoing
Transportation grant support	Ongoing

**Responsible Agencies**

St. Lucie TPO

Participating Agencies: Fort Pierce, Port St. Lucie, St. Lucie County

**Funding Sources**

<u>FY 2012/13</u>	
FHWA (PL)	\$25,000
<u>FY 2013/14</u>	
FHWA (PL)	\$25,000

## **ELEMENT 6: PUBLIC INVOLVEMENT, EDUCATION & OUTREACH**

Element 6 includes the activities conducted to ensure continuous, comprehensive, and cooperative public involvement in the transportation planning process. Providing the public with educational opportunities is intended to enhance and strengthen the level of public involvement which is consistent with the UPWP Planning Priorities and the SAFETEA-LU Planning Factors. Specific work tasks are listed below and described on the following pages.

Task 6.1 Public Involvement

Task 6.2 Public Education and Outreach

## **Task 6.1 Public Involvement**

### **Objective**

To ensure that the TPO's public involvement process meets or exceeds Federal and State regulations and provides opportunities for the public to participate in the transportation planning process.

### **Previous Work**

This is a continuous and ongoing task and includes compliance with all Title VI and Environmental Justice requirements. Regular meetings of the CAC, TAC, BPAC, LCB, and TPO Board were conducted which were open to the public. In addition, a number of joint meetings were conducted with the Martin MPO that also were open to the public.

TPO staff continued to implement the TPO's Public Involvement Plan (PIP) such as preparing and advertising for TPO public meetings, processing items through the CAC and BPAC, and conducting selected meetings in geographically diverse locations and outside of typical governmental administration buildings to enhance public attendance. The Annual Evaluation of Effectiveness of the PIP was conducted which utilized performance measures, the PIP was updated annually based on the results of the evaluations, and a major update to the PIP was completed.

TPO staff continued to respond to routine inquiries from citizens, local governments, business and community groups, and other interested parties regarding TPO plans, actions, and activities. TPO staff coordinated with the media relations staffs of St. Lucie County and Port St. Lucie to continue taping and airing TPO meetings on St. Lucie County Television (SLCTV) and Port St. Lucie Television (PSLTV). The St. Lucie County Public Information Officer also assisted the TPO with notification of TPO meetings and events through press releases. The public notices and agendas included the identification of the availability of materials in alternative languages, such as Spanish and Creole, **the provision of access to all meetings to the disabled, and the TPO's compliance with Title VI requirements.**

It is part of the TPO mission to achieve Environmental Justice in the planning process relating to transportation systems and facilities by identifying and addressing, as appropriate, the effects of programs, policies, and activities on minority and low-income populations. **The TPO's PIP is designed to ensure opportunities for the public to express its views on transportation issues and to become active participants in the decision-making process. The TPO strives to involve the potentially affected public and to develop partnerships with and enhance the participation by the traditionally underserved. The goal of the TPO is to ensure that all citizens, regardless of race, color, religion, income status, national origin, age, gender, disability, marital status, or political affiliation, have an equal opportunity to participate in the TPO's decision-making process.**

## Methodology

The TPO will continue to implement the PIP, and the CAC support activities are included in this task. Achieving Environmental Justice in the planning process will continue to be part of the TPO mission by identifying and addressing, as appropriate, the effects of programs, policies, and activities on minority and low-income populations. The TPO will continue to strive to involve the potentially affected public, enhance the participation by the traditionally underserved, and ensure that all citizens, regardless of race, color, religion, income status, national origin, age, gender, disability, marital status, or political affiliation, have **an equal opportunity to participate in the TPO's decision-making process**. The FTA is updating its Title VI Circular to clarify requirements for compliance. TPO staff will update the TPO Title VI program to conform to the new FTA requirements and a Title IV/Participants database will be developed.

The TPO will continue to enhance its public involvement activities by including the use of the TPO website, press releases, and SLCTV and PSLTV broadcasts; the provision of graphic presentations at meetings; the provision of access to the disabled for the meetings; and the availability of alternative language translations to facilitate the participation of non-English speaking populations in the public involvement process. All TPO meetings will continue to be open to the public and conducted in geographically diverse locations with continuing effort toward conducting them outside of typical governmental administration buildings to enhance public attendance. Public comment periods for work products will be maintained, and TPO staff will continue to respond to routine inquiries from the public.

## Activities and End Products/Target Dates

Implementation of PIP	Ongoing
CAC and BPAC Meetings and Support Activities	Ongoing
Title VI/Environmental Justice Compliance	Ongoing
Website Redesign and Maintenance	Ongoing
Title IV/Participants Database	June 2013
Annual PIP Evaluation of Effectiveness	June 2013

## Responsible Agencies

St. Lucie TPO

Participating Agencies: St. Lucie County, FDOT, FHWA,

## Funding Sources

<u>FY 2012/13</u>	
FHWA (PL)	\$25,000
<u>FY 2013/14</u>	
FHWA (PL)	\$25,000

## **Task 6.2 Public Education and Outreach**

### **Objective**

To proactively enhance and strengthen the level of public involvement through education and outreach.

### **Previous Work**

Through various meetings and written correspondence, TPO staff provided informational and educational materials to the public. The TPO website was continuously updated with the latest publications and meeting notices and agendas. A redesign of the TPO website was completed to include enhanced user-friendliness and visualization techniques.

Public outreach activities conducted by the TPO included television interviews with faith-based organizations and presentations to neighborhood organizations. In addition, TPO staff partnered with the St. Lucie County CTC on public outreach related to mobility management and travel training.

### **Methodology**

Efforts to educate the community about the availability and advantages of public transit will continue with educational presentations provided at schools, senior centers, housing facilities and community events. The TPO will host a transportation workshop on a topic of critical concern to the professional community and general public.

TPO staff will partner with St. Lucie School District staff, the St. Lucie County Health Department, and other St. Lucie Community Traffic Safety Team members to provide bicycle/pedestrian safety education and outreach to local schools and youth groups. Grant opportunities to support these activities will be pursued. Other outreach activities include continued liaison with local agencies and governments, human services transportation providers, faith-based organizations, youth groups, neighborhood associations, and retirement communities to promote the TPO and its purpose and encourage public input into TPO work products.

The TPO will employ visualization techniques to inform the public about the **TPO's various plans and programs and describe how these plans and programs benefit the region.** The visualization techniques will further facilitate public input **into the TPO's activities, plans and programs.**

### **Activities and End Products/Target Dates**

Provision of Informational and Educational Materials	Ongoing
Community Outreach Activities	Ongoing
Visualization Techniques	Ongoing
Transportation Workshop	June 2014



**Responsible Agencies**

St. Lucie TPO

Participating Agencies: St. Lucie County School District, local agencies, FDOT

**Funding Sources**

<u>FY 2012/13</u>	
FHWA (PL)	\$10,000
<u>FY 2013/14</u>	
FHWA (PL)	\$10,000

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## **IV. SUMMARY TABLES**

**DRAFT UPWP FY 2012/13 - FY 2013/14**  
**TABLE 1 - Work Task Summary**



Element	Task	Activities and End Products	Target Dates	FY 2012/13 Budget	FY 2013/14 Budget
1. Program Administration	1.1 Program Management	2013 Legislative Priorities	December 2012	\$285,000	\$290,000
		2012-13 Federal Certification Review	March 2013		
		2014 Legislative Priorities	December 2013		
		2014 Annual Joint Certification Review	May 2014		
		Financial Audits	Annually		
		Board and TAC Meetings and Support	Ongoing		
		Progress Reports and Invoices	Quarterly		
		Meetings of MPOAC, NARC, AMPO, Subcommittees, etc.	Quarterly		
		Grants and Contracts Administration	Ongoing		
		Advertising, Office Equipment, and Supplies	Ongoing		
		Office Rent and Operations	Ongoing		
		Legal Services	Ongoing		
		Travel	Ongoing		
	Professional Workshops, Training, and Education	Ongoing			
	1.2 UPWP Development	FY 2014/15 - FY 2015/16 UPWP Kickoff Meeting	January 2014	\$5,000	\$10,000
		Draft Submittal to FDOT	March 2014		
Review by Advisory Committees and Board		March-April 2014			
Open Comment Period		April 2014			
Final Submittal to FDOT/FHWA		May 2014			
Final Adoption by Board		June 2014			
UPWP Amendments	As needed				
1.3 State Support/Match for PL Planning Funds	FDOT Support and Assistance	Ongoing			
1.4 State Support/Match for Section 5303	FDOT Support and Assistance	Ongoing			
2. Modeling and Data Collection, Monitoring & Management	2.1 Travel Demand Modeling	GTCRPM Version 4.0 Development (Funding Match)	October 2012	\$40,000	\$40,000
		GTCRPM Version 4.0 Development (Funding Match)	October 2013		
		GTCRPM Application and Support	Ongoing		
	2.2 Data Collection and Monitoring	GIS and Data Monitoring, Updates, Maintenance, and Coordination	Ongoing	\$40,000	\$40,000
		Bicycle-Pedestrian Counts	Ongoing		
		Level of Service Analysis System Management	Ongoing		
		Standardized Traffic Impact Study Process and Methodology	June 2013		
	2.3 Traffic Count Program Management	Mobility Management and Development Tracking Tool	June 2014		
		2012 Traffic Count Reports	December 2012	\$40,000	\$40,000
		2013 Traffic Count Reports	December 2013		
2035 RL RTP Implementation	Ongoing				
3. Systems Planning	3.1 Regional Long Range Transportation Planning	2035 RL RTP Amendments	As needed	\$15,000	\$15,000
		Livability Initiatives	Ongoing		
		Climate Adaptation and Energy Use Planning	Ongoing		
		JARC/New Freedom Competitive Selection Process	July 2012		
		Regional TDP Minor Update/Annual Progress Report	December 2012		
	3.2 Transit Planning	JARC/New Freedom Competitive Selection Process	July 2013	\$104,309	\$104,309
		Regional TDP Major Update	December 2013		
		Provision of Technical Assistance to County/Transit Operator	Ongoing		
		Park & Ride Lot Program	Ongoing		
		RTO Support	Ongoing		
		Passenger and High-Speed Rail Service Program Planning	Ongoing		
		Promotion of Intermodal Planning & Transit Planning Coordination	Ongoing		
		Submittal of 2012/13 LOPP to FDOT	September 2012		
	3.3 Transportation Improvement Program (TIP)	Review/Endorsement of FDOT Five-Year Work Program	December 2012	\$10,000	\$10,000
		<b>FY 2013/14 - FY 2017/18 TIP</b>	June 2013		
		Annual Publication of Federal Projects	June 2013		
		Submittal of 2013/14 LOPP to FDOT	September 2013		
		Review/Endorsement of FDOT Five-Year Work Program	December 2013		
		<b>FY 2014/15 - FY 2017/18 TIP</b>	June 2014		
		Annual Publication of Federal Projects	June 2014		
		Interactive TIP Maintenance and Support	Ongoing		
		TIP/STIP Amendments	As needed		

**DRAFT UPWP FY 2012/13 - FY 2013/14**  
**TABLE 1 - Work Task Summary**



Element	Task	Activities and End Products	Target Dates	FY 2012/13 Budget	FY 2013/14 Budget	
3. Systems Planning (continued)	3.4 Congestion Management Process (CMP)	2012 Annual CMP Report Update	January 2013	\$10,000	\$10,000	
		2013 Annual CMP Report Update	January 2014			
		Project Prioritization	Ongoing			
	3.5 Bicycle/Pedestrian/Greenway Planning	3.5 Bicycle/Pedestrian/Greenway Planning	Pedestrian Facility Inventory Program	June 2013	\$50,000	\$50,000
			Local Coordination/Support and Project Prioritization	Ongoing		
			East Coast Greenway Coordination and Implementation	Ongoing		
			Treasure Coast Loop Trail Project Planning	Ongoing		
			Treasure Coast Scenic Highway Program	Ongoing		
	3.6 Airport Planning	3.6 Airport Planning	Attendance at various meetings	Ongoing	\$20,000	\$20,000
			Provision of planning assistance and support	Ongoing		
	3.7 Safety and Security Planning	3.7 Safety and Security Planning	COOP Update and Exercise	Ongoing	\$53,000	\$15,000
			SRTS Safety Lesson Plan Program	March 2013		
			Safety Project Identification & Analysis	June 2013		
			Security Issue Identification	June 2013		
			Security Issue Mitigation	June 2014		
			Community Traffic Safety Team Meetings	Quarterly		
			CDMS Maintenance and Support	Ongoing		
	3.8 Transportation Disadvantaged (TD) Program	3.8 Transportation Disadvantaged (TD) Program	TD Grant Applications	Annually	\$22,573	\$22,573
			TD Progress Reports	Quarterly		
			LCB Meeting Agendas, Packets, Notices, and Minutes	Quarterly		
2012 Annual CTC Evaluation			December 2012			
TDSP/Coordinated Plan Minor Update			December 2012			
2013 Annual CTC Evaluation			December 2013			
4.1 North/Mid County Connector Study Implementation	4.1 North/Mid County Connector Study Implementation	Right of Way Identification and Reservation	Ongoing	\$60,000	\$60,000	
		Preliminary Feasibility Study	June 2014			
4.2 US-1 Corridor Retrofit Project	4.2 US-1 Corridor Retrofit Project	Project Identification and Prioritization	Ongoing	\$10,000	\$10,000	
		Coordination of Remedial Intersection Safety Improvements	Ongoing			
5. Regional and Intergovernmental Planning and Coordination	5.1 Regional Planning and Coordination	Intracoastal Waterway Planning/Maritime Management Plan	June 2014	\$35,000	\$35,000	
		SE Florida Regional Partnership/2060 Regional Vision & Blueprint	June 2014			
		Regional Freight Planning	Ongoing			
		Maintain liaison with the FDOT, TCRPC, MPO, and agency staffs	Ongoing			
		Prepare joint meeting schedules, agendas, minutes, packets, etc.	As needed			
		ETDM/ETAT participation	Ongoing			
	5.2 Intergovernmental Planning and Coordination	5.2 Intergovernmental Planning and Coordination	Attend Treasure Coast TIM Team and other meetings	Ongoing	\$25,000	\$25,000
			Attendance at various meetings	Ongoing		
			Provision of data, information, and comments	Ongoing		
			Transportation grant support	Ongoing		
6. Public Involvement, Education & Outreach	6.1 Public Involvement	Implementation of PIP	Ongoing	\$25,000	\$25,000	
		CAC and BPAC Meetings and Support Activities	Ongoing			
		Title VI/Environmental Justice Compliance	Ongoing			
		Website Maintenance	Ongoing			
		Title VI/Participants Database	June 2013			
		Annual PIP Evaluation of Effectiveness	June 2013			
	6.2 Public Education and Outreach	6.2 Public Education and Outreach	Provision of Informational and Educational Materials	Ongoing	\$10,000	\$10,000
			Community Outreach Activities	Ongoing		
			Visualization Technique Development	Ongoing		
			Transportation Workshop	June 2014		
<b>Total</b>				<b>\$799,882</b>	<b>\$831,882</b>	

## AGENDA ITEM SUMMARY

**Board/Committee:** St. Lucie TPO Bicycle-Pedestrian Advisory Committee (BPAC)

**Meeting Date:** March 22, 2012

**Item Number:** 6c

**Item Title:** Hackberry Trails Project Grant Application

**Item Origination:** St. Lucie County Environmental Resources Department

**UPWP Reference:** Task 3.5–Bicycle/Pedestrian/Greenway Planning

**Requested Action:** Provide or do not provide a letter of support for the grant application

**Staff Recommendation:** It is recommended that a letter of support be provided from the St. Lucie TPO BPAC for the grant application

**Attachments**

- Grant Application



2300 Virginia Avenue  
Fort Pierce, FL 34982  
(772) 462-1593  
www.stlucietpo.org

## **MEMORANDUM**

**TO:** St. Lucie TPO Bicycle-Pedestrian Advisory Committee (BPAC)

**THROUGH:** Peter Buchwald  
Executive Director

**FROM:** Edward DeFini, Bicycle-Pedestrian Program Manager

**DATE:** March 16, 2012

**SUBJECT: Hackberry Trails Project Grant Application**

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### **BACKGROUND**

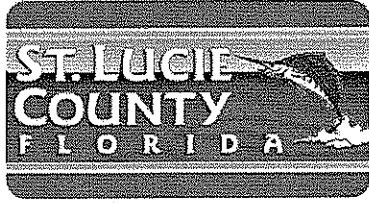
The St. Lucie County Environmental Resources Department (ERD) has prepared an application for a Florida Department of Environmental Protection Recreational Trails Grant to construct trails and associated boardwalks in western St. Lucie County. The Hackberry Trails project consists of the construction of 1,200-foot boardwalks and a 1.3-mile hiking trail to connect Paleo Hammock Preserve to Hackberry Preserve. The County proposes to match the \$101,250 grant with Environmentally Sensitive Lands (ESL) bond funds and an in-kind match totaling \$67,500.

### **ANALYSIS**

A network of trails is planned that includes a connection to the future 7,500-acre C-24 reservoir and its 16 miles of perimeter dike and to Pinelands Preserve with its existing 6 miles of trails. The trail is ultimately planned to connect to the Bluefield Preserve and its existing 20 miles of hiking and equestrian trails. The project complies with the Florida Communities Trust's approved Management Plan for the site and is a component of St. Lucie County's Greenways and Trails Master Plan. The St. Lucie County ERD is requesting that the BPAC provide a letter of support for the grant application.

### **RECOMMENDATION**

It is recommended that a letter of support be provided from the St. Lucie TPO BPAC for the grant application



**Florida Department of Environmental Protection  
Recreational Trails Program Grant  
Application Year 2012**



**Hackberry Trails  
March 30, 2012**

**PART II - PROJECT INFORMATION**

1. Name of Project: Hackberry Trails

2. Project Location:  
(Show on DOT county road maps or USGS 7 1/2 minute quadrangle sheets):  
**Tab as "Exhibit B"**

Street Address: 8630 Germany Canal Road

City: Fort Pierce, FL 34987 County: St. Lucie County

Beginning point: 80'32"58 W, 27'18"34 N

Ending point: 80'33"43 W, 27'18"27 N

3. Ownership (If more than one owner, attach a list of owners and their agents along with a map clearly showing the location of each ownership).  
**Site control issues must be resolved by the close of the submission period (March 30, 2012).**

Include a boundary map of the project site. **Tab as "Exhibit C"**

Include a copy of site control documents (e.g. deed, lease agreement, etc.)  
**Tab as "Exhibit D"**

Owner: St. Lucie County Owner's Agent: Dan McIntyre

Address: 2300 Virginia Avenue Address: 2300 Virginia Avenue

Fort Pierce, FL 34982 Fort Pierce, FL 34982

Phone: (772) 462-1400 Phone: (772) 462-1400

4. **U.S. CONGRESSIONAL DISTRICTS** IN WHICH THE PROJECT SITE IS LOCATED: *These should be the district in which the project site is located. If you are not sure of the district, contact your local office of the Supervisor of Elections.*

U.S. Representative's Name: Alcee L. Hastings

U.S. House District Number: 23



5. **STATE LEGISLATIVE DISTRICTS** IN WHICH THE PROJECT IS LOCATED:

*These should be the district in which the project site is located. If you are not sure of the district, contact your local office of the Supervisor of Elections.*

State Senator's Name: Joe Negron

State Senate District Number: 28

State Representative's Name: Steven "Steve" M. Perman

State House District Number: 78

6. **PROJECT DESCRIPTION**

Briefly describe the proposed project. *Include physical characteristics of the site, such as land resources, vegetation, fish and wildlife, historical, archaeological resources, previous land usage and transportation access as well as a description of proposed project activities. **If the project is an equipment purchase, describe the equipment, how it will be used to benefit recreational trails (include where it will be stored, who will maintain it, proposed projects for its use and the land managing agency on whose property equipment will be used).***

**TEXT MUST FIT IN SPACE PROVIDED.**

The project is located in western St. Lucie County 17 miles southwest of Fort Pierce. It is located on a 194 acre site owned by St. Lucie County, and bordered by a future 7,500 acre South Florida Water Management District reservoir. Vegetative communities consist of a mix of uplands and wetlands including: basin swamp (62 ac), hydric hammock (54 ac), wet prairie (9 ac), prairie hammock (8 ac) and depression marsh (2 ac). The remainder of the site consists of improved pasture.

The area is rich in cultural resources, and several archaeological sites have been documented to occur throughout the site. Many of these sites date back to the archaic period (7500-750 B.C.).

This proposal is to request a trail and associated boardwalks to provide a 1.3 mile long hiking trail to link the Preserves that ultimately will lead to a future 7500 acre reservoir. The request is to install five (5) boardwalks, ranging in length from 30-1200 feet through two wetlands and across three ditches. It is expected that 1200 -1300 lineal feet of boardwalk will be necessary. Proposed improvements also include the construction of an additional kiosk and parking lot along Germany Canal road, along with a picnic area, volleyball court, wildlife blind and horseshoe court. The trails will be five feet wide and marked with blazes on existing trees, approximately 100-200 feet apart. The boardwalks will be five (5) feet in width. The project has not been permitted by authorizing agencies.

**PART III – FINANCIAL INFORMATION**

1. RTP Funds Requested:	Line A	\$ <u>101,250</u>
2. Local Funds Available:		
1) Cash:	Line B	\$ <u>64,560</u>
2) In-Kind:	Line C	\$ <u>2,940</u>
Total Local Funds Available:	Line D	\$ <u>67,500</u>
		<i>Sum of lines B and C</i>
3. Total Cost of Proposed Project:	Line E	\$ <u>168,750</u>
		<i>Sum of Lines A and D</i>

**The Total Project Cost (Line E) must equal the grant request (Line A) plus the total local funds available (Line D).**

4. **PROJECT COST ESTIMATE:** For each element, please indicate if it is a new facility, renovation or maintenance of an existing facility, accessibility improvements, equipment purchase. *Costs of planning, permitting and site preparation should be included within the cost of each element (not to exceed 15% of total project cost).*

**Cost Detail** – Applicant to provide detailed breakdown of each element's cost on separate sheet (schedule of values). This assists in determining appropriateness and reasonableness of all project costs. **Place this cost detail after Page 7.**

	Quantity	Description	Estimated Cost
New		Design & Permitting	\$5,000
	5	(5) Boardwalks - 1,500 linear feet	\$150,315
	2	(2) Trail Benches	\$310
Renovations			
Maintenance		Trail - 6,800 linear feet	\$865
		Parking Lot - 60ft x 70ft	\$10,880
Accessibility	1	Kiosk	\$1,380
Equipment			

**Schedule of Value - Hackberry Hammock**

Design & Permitting	\$	5,000
Boardwalks (5) - 1,500 linear feet		
Materials /Installation	\$	150,000
Planning/Bidding	\$	<u>315</u>
Subtotal	\$	150,315
Trail - 6,800 linear feet		
Materials	\$	110
Installation	\$	<u>755</u>
Subtotal	\$	865
Parking Lot - 60ft x 70ft		
Materials	\$	6,000
Installation	\$	<u>4,880</u>
Subtotal	\$	10,880
Trail Benches (2)		
Materials	\$	200
Installation	\$	<u>110</u>
Subtotal	\$	310
Kiosk		
Materials	\$	500
Installation	\$	<u>880</u>
Subtotal	\$	1,380
<i>Project Total</i>	\$	168,750

# Hackberry Hammock

# Exhibit E

- |  |                              |  |                                  |
|--|------------------------------|--|----------------------------------|
|  | Project Boundary             |  | Bench                            |
|  | Observation Tower (existing) |  | Parking Lot and Kiosk (proposed) |
|  | Parking (existing)           |  | Boardwalk                        |
|  | Paleo Hammock Trail          |  | Hackberry Trail                  |
|  | Horseshoe Pit (future)       |  | Wildlife Blind (future)          |
|  | Picnic Table (future)        |  | Future SFWMD reservoir           |
|  | Volleyball Court (future)    |  | Teague Hammock Preserve          |

