



## **BICYCLE-PEDESTRIAN ADVISORY COMMITTEE (BPAC)**

### **Regular Meeting**

Thursday, March 12, 2015  
3:00 pm

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### **AGENDA**

- 1. Call to Order**
- 2. Roll Call**
- 3. Approval of Minutes**
  - *January 15, 2015 Regular Meeting*
- 4. Comments from the Public**
- 5. Approval of Agenda**
- 6. Action Items**
  - 6a. Transportation Alternatives Program (TAP) 2015 Grant Applications:**  
Review and prioritization of TAP grant applications for the 2015 grant cycle.  
  
***Action:** Review and recommend prioritization of the TAP grant applications for the 2015 grant cycle, recommend prioritization with conditions, or do not recommend prioritization.*
  - 6b. St. Lucie Freight Network (SLFN):** A presentation on the proposed designation of the SLFN.  
  
***Action:** Review and recommend designation of the SLFN, recommend designation with conditions, or do not recommend designation.*
- 7. Discussion Items**
  - 7a. Go2040 Long Range Transportation Plan (LRTP) Advisory Committee Survey:** The collection of information and insights from advisory committee members regarding the economic development efforts that are needed, the quality of life issues that are present, and the types of transportation investments that would best serve the St. Lucie TPO area through the year 2040.  
  
***Action:** Discuss and provide comments to staff.*

- 8. Recommendations/Comments by Members**
- 9. Staff Comments**
- 10. Next Meeting:** The next St. Lucie TPO BPAC meeting is a regular meeting scheduled for 3:00 pm on Thursday, May 21, 2015.
- 11. Adjourn**

## **NOTICES**

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

Persons who require special accommodations under the Americans with Disabilities Act (ADA) or persons who require translation services (free of charge) should contact Marceia Lathou, 772-462-1593, at least five days prior to the meeting. Persons who are hearing or speech impaired may use the Florida Relay System by dialing 711.

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

Kreyol Ayisyen: Si ou ta rinmin recevua information sa en crèole si l bous plait rèlè 772-462-1593.

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



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

**DATE:** Thursday, January 15, 2015  
**TIME:** 3:00 P.M.  
**LOCATION:** St. Lucie TPO Boardroom  
Coco Vista Centre  
466 SW Port St. Lucie Boulevard, Suite 111  
Port St. Lucie, Florida

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**MINUTES**

**1. Call to Order**

Vice Chair Brad Keen called the Thursday, January 15, 2015 meeting of the St. Lucie TPO Bicycle Pedestrian Advisory Committee (BPAC) to order at 3:02 P.M.

**2. Roll Call**

Roll Call conducted by self-introduction.

**Members present:**

Nick Dibenedetto  
Jennifer Evans  
Murriah Dekle  
David Pollard  
Brad Keen

**Representing:**

Resident – Hiking/Running  
SLC Environmental Resources Dept  
St. Lucie County Resident  
City of Port St. Lucie  
City of Port St. Lucie-Parks and Rec

**Others present:**

Peter Buchwald  
Ed DeFini  
Melissa Carter  
Crystal Wilson  
Jennifer Bartlett  
Yi Ding

**Representing:**

St. Lucie TPO  
St. Lucie TPO  
Recording Specialist  
St. Lucie TPO  
Tindale-Oliver & Associates  
St. Lucie TPO

**3. Approval of Minutes**

\* **MOTION – MOVED** by Ms. Dekle to approve the minutes of the BPAC Meeting held on July 17, 2014.

\*\* **SECONDED** by Mr. Pollard Carried **UNANIMOUSLY**

**4. Comments from the Public-none**

## 5. Approval of Agenda

\* **MOTION – MOVED** by Ms. Dekle to approve the agenda.

\*\* **SECONDED** by Mr. Evans Carried  
**UNANIMOUSLY**

## 6. Action Items

**6a. Annual Officer Elections:** Recording Specialist Melissa Carter asked for nominations for new Chairperson.

\* Brad Keen was **NOMINATED** for by David Pollard

\*\* **SECONDED** by Jennifer Evans

\* Jennifer Evans **MOVED** to close the vote.

\*\* **SECONDED** by David Pollard Carried **UNANIMOUSLY**

Brad Keen asked for nominations for new Vice Chairperson.

\* Jennifer Evans was **NOMINATED** by David Pollard

\*\* **SECONDED** by Murriah Dekle

\* David Pollard **MOVED** to close the vote

\*\* **SECONDED** by Jennifer Evans Carried **UNANIMOUSLY**

**6b. Revised 2015 Meeting Dates:** Mr. Buchwald Explained the Florida Department of Transportation District (FDOT) Work Program has been accelerated. FDOT requested the Joint Meeting with the Technical Advisory Committee, Citizens Advisory Committee, and Bicycle Pedestrian Advisory Committee to be moved up. The proposed new date for the joint is September 15, 2015.

\* **MOTION – MOVED** by Mr. Pollard to the revised 2015 meeting dates

\*\* **SECONDED** by Ms. Dekle **Carried UNANIMOUSLY**

**6c. Congestion Management Process (CMP) Annual Report:** Mr. Buchwald explained the Congestion Management Process (CMP) identifies and evaluates areas with congestion or safety issues and prioritizes projects which address those issues. The CMP Annual Report was developed to evaluate the effectiveness of the CMP and its Implementation Plan.

Mr. Yi Ding stated the initial CMP Implementation plan was adopted in 2011 had nine projects. He continued reporting several have been removed from the list because the projects were complete, funded under the TIP, or assumed

by local municipalities or FDOT. Then Mr. Ding discussed the 2013 newly revised CMP Annual Report which includes the implementation plan of 4 projects. The completed roundabout intersection was able to accommodate additional traffic volume. Mr. Ding concluded that this is consistent with the Implementation Plan therefor the CMP has been effective.

Ms. Evan's questioned the change in cost on the Port St. Lucie Blvd at Gatlin Blvd, and Mr. Ding explained it was an increase in cost over time. Mr. Ding eased Mr. Keen's concerns by explaining that removal of the Port St. Lucie Blvd at Gatlin Blvd in no way effects the status of the project. Ms. Evans and Mr. Ding discussed the ranking criteria.

- \* **MOTION – MOVED** by Mr. Pollard to recommend acceptance of the 2014 CMP Annual Report.

\*\* **SECONDED** by Ms. Evans **Carried UNANIMOUSLY**

- 6d. **2040 Long Range Transportation Plan (2040 LRTP) Growth Projections:** Mr. Buchwald explained that St. Lucie TPO area year 2040 population and employment projections are used to identify transportation improvement needs for the 2040 LRTP. Ms. Jennifer Bartlett of Tindale-Oliver presented St. Lucie TPO area 2040 population and growth estimates from the University of Florida Bureau Economic and Business Research (BEBR). Ms. Bartlett continued stating that Tindale-Oliver predicted significant employment and population growth in the South West Port St. Lucie annexation area as well as growth along Jenkins road and Edwards road. Then this information and data is used to create a model to determine future traffic needs and improvements.

Mr. Keen asked about the growth along Jenkins road. Mr. Buchwald explained that it would be a mixture of residential and industrial depending on the part of the road. Mr. Buchwald stated that the majority of the growth in the TPO would take place is southwest Port St. Lucie and in incorporated county along Jenkins road and somewhat around the airport. There many incomplete developments along Jenkins that are now being reactive reported Mr. Buchwald. He also stated based on these projections Port St. Lucie will double by the year 2040.

- \* **MOTION – MOVED** by Mr. Pollard to recommend acceptance of the 2040 LRTP growth projections.

\*\* **SECONDED** by Ms. Dekle **Carried UNANIMOUSLY**

## 7. Discussion Items

- 7a. **Pedestrian Facility Inventory Program Update:** Buchwald explained in the last UPWP a Pedestrian Facility Inventory Program was established to determine gaps infrastructure, and grant application reasons. Edward Defini presented the updated Pedestrian Facility interactive map. Mr. Defini reviewed which sidewalks where public and private, the active projects and current gaps in the system. He explained that this map is used to evaluate which project grant applications.

Nick Dibenedetto suggested represented the private sidewalks differently and displaying the 2035 trails along the canals. Mr. Defini agreed to modify the map to include both ideas. Ms. Evans stated she could provide Mr. Defini with the GIS layer for the Greenways vision. Mr. Buchwald stated the map was available on the website and explained some of the inactive features. Mr. Dibenedetto and Mr. Defini discussed the maps availability to display bicycle facilities

**8. Recommendations/Comments by Members**

Mr. Keen stated his desire to improve BPAC membership, such as having representation from the city of Fort Pierce and School board. Mr. Buchwald stated that there has been a new application and the current membership vacancies need to be reviewed.

**9. Staff Comments**

Mr. Buchwald thanked everyone for attending and appreciated their comments and input.

**10. Next Meeting** - The next St. Lucie TPO TAC meeting is scheduled for 3:00 p.m. on March 12, 2015.

**11. Adjourn**

The meeting was adjourned at 3:56 P.M.

Respectfully Submitted:

Approved by:

\_\_\_\_\_  
Melissa Carter  
Recording Specialist

\_\_\_\_\_  
Brad Keen  
BPAC Chair

## AGENDA ITEM SUMMARY

**Board/Committee:** Bicycle-Pedestrian Advisory Committee (BPAC)

**Meeting Date:** March 12, 2015

**Item Number:** 6a

**Item Title:** Transportation Alternatives Program (TAP) 2015 Grant Applications

**Item Origination:** Moving Ahead for Progress in the 21st Century

**UPWP Reference:** Task 3.3– Transportation Improvement Program  
 Task 3.5– Bicycle/Pedestrian/Greenway Planning

**Requested Action:** Review and recommend prioritization of the TAP grant applications for the 2015 grant cycle, recommend prioritization with conditions, or do not recommend prioritization.

**Staff Recommendation:** Based on the Paar Drive Sidewalk Project being ranked higher than the Oleander Avenue Sidewalk Improvements Project in the TPO’s TA Priority Project List, it is recommended that the TPO advisory committees recommend to the TPO Board that the Paar Drive Sidewalk Project be prioritized for TA funding over the Oleander Avenue Sidewalk Improvements Project. In addition, it is recommended that the TPO advisory committees recommend to the TPO Board that the Oleander Avenue Sidewalk Improvements Project receive the remainder of the TA funding for 2015 and any excess TA funding allocated by FDOT District 4.

**Attachments**

- Staff Report
- 2014/15 TA Priority Project List
- Oleander Avenue Sidewalk Improvements Project Application Excerpts
- Paar Drive Sidewalk Project Application Excerpts

## **MEMORANDUM**

**TO:** Bicycle-Pedestrian Advisory Committee (BPAC)

**FROM:** Peter Buchwald  
Executive Director

**DATE:** March 4, 2015

**SUBJECT: Transportation Alternatives Program (TAP)  
2015 Grant Applications**

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### **BACKGROUND**

The TAP was authorized by the Moving Ahead for Progress in the 21st Century Act (MAP-21) and provides funding for the following:

- Construction, planning, and design of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized modes.
- Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities, to access daily needs.
- Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized modes.
- Construction of turnouts, overlooks, and viewing areas.
- Community improvement activities, including:
  - inventory, control, or removal of outdoor advertising;
  - preservation and rehabilitation of historic transportation facilities;
  - vegetation management practices in transportation rights-of-way to improve safety, prevent against invasive species, and provide erosion control; and
  - archaeological activities relating to impacts from the implementation of a transportation project.
- Environmental mitigation activities, including pollution prevention and abatement activities, to:
  - address stormwater management and pollution prevention and abatement activities related to highway construction or runoff; or
  - reduce vehicle-caused wildlife mortality or to restore and maintain connectivity among terrestrial or aquatic habitats.
- The Recreational Trails Program
- The Safe Routes to School Program



- Planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways.

The funding available for the 2015 TAP grant cycle for the St. Lucie TPO is \$654,152 that will be programmed by the Florida Department of Transportation (FDOT) in Fiscal Year 2018/19. The TPO advisory committees recommend to the TPO Board the prioritization of the TAP grant applications for submittal to FDOT. Candidate TAP Projects originate from the 2014/15 TA Priority Project List which is attached.

## **ANALYSIS**

The following two TAP grant applications (attached), listed in alphabetical order, were submitted for consideration for the 2015 TAP grant cycle:

<b>Project Name</b>	<b>Project Location/Limits</b>	<b>Project Description</b>	<b>Project Cost</b>	<b>Funding Requested</b>	<b>Project Sponsor</b>	<b>2014/15 Priority Ranking</b>
Oleander Avenue Sidewalk Improvements	Midway Road to South Market Avenue	~1.3-mile long, 6-foot wide, concrete sidewalk	\$917,653	\$772,604	St. Lucie County	16
Paar Drive Sidewalk Project	SW Darwin Boulevard to SW Port St. Lucie Boulevard	~0.8-mile long, 6-foot wide, concrete sidewalk	\$569,984	\$389,182	City of Port St. Lucie	8

Both projects are included in the TPO's TA Priority Project List and ranked in the list as identified above based on the TA Project Prioritization Methodology.

## **RECOMMENDATION**

Based on the Paar Drive Sidewalk Project being ranked higher than the Oleander Avenue Sidewalk Improvements Project in the TPO's TA Priority Project List, it is recommended that the TPO advisory committees recommend to the TPO Board that the TA grant applications for 2015 be prioritized for funding as follows:

<b>2015 TAP Project Rank</b>	<b>2014/15 Priority Ranking</b>	<b>Project Name</b>	<b>Project Sponsor</b>	<b>Funding Requested</b>
1	8	Paar Drive Sidewalk Project	City of Port St. Lucie	\$389,182
2	16	Oleander Avenue Sidewalk Improvements Project	St. Lucie County	\$772,604

In addition, it is recommended that the TPO advisory committees recommend to the TPO Board that the Oleander Avenue Sidewalk Improvements Project receive the remainder of the TA funding for 2015 and any excess TA funding allocated by FDOT District 4.

## Transportation Alternatives (TA) Projects

2014/15 Priority Ranking	Score <sup>1</sup>	Facility	Project Limits		Project Description	Project Source	Estimated Cost <sup>2</sup>	2013/14 Priority Ranking
			From	To				
1	46.5	Tulip Boulevard <sup>3</sup>	Cherry Hill Road	College Park Road	Sidewalk-3.3 miles	2014 TA Grant Application	\$940,343	3
2	46.5	Walton Road	Lennard Road	Green River Parkway	Sidewalk-1.1 miles	St. Lucie County School District	\$483,000	3
3	43.5	17th Street Sidewalk Gaps	Georgia Avenue	Avenue Q	Sidewalk-1.7 miles	2010/11 LOPP	\$170,000 <sup>4</sup>	5
4	43.0	Torino Parkway	Volucia Drive	Conus Street	Sidewalk-0.4 miles	St. Lucie County School District	\$168,000	6
5	42.0	Torino Parkway	Peacock Apartments	C-106 Canal	Sidewalk-0.3 miles	2013 TA Grant Application	\$207,730	2
6	41.5	North Macedo Boulevard	Selvitz Road	St. James Drive	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$525,220	7
6	41.5	Selvitz Road	Milner Drive	Peachtree Boulevard	Sidewalk-0.8 miles	2010/11 LOPP	\$337,920 <sup>5</sup>	7
8	40.0	Parr Drive	Port St. Lucie Boulevard	Darwin Boulevard	Sidewalk-1.0 miles	2014 TA Grant Application	\$648,058	9
9	38.5	Thornhill Drive	Bayshore Boulevard	Airosa Boulevard	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$594,820	10
10	36.5	Parr Drive	Savona Boulevard	Port St. Lucie Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List	\$344,050	11
10	36.5	29th Street Sidewalk Gaps	Avenue I	Avenue Q	Sidewalk-0.5 miles	2010/11 LOPP	\$50,000 <sup>4</sup>	11
10	36.5	Boston Avenue	25th Street	13th Street	Sidewalk-0.8 miles	2010/11 LOPP	\$80,000 <sup>4</sup>	11
13	36	Floresta Drive	Port St. Lucie Boulevard	Streamlet Avenue	Sidewalk-1.0 mile	Port St. Lucie Sidewalk List #7		14
14	35.5	Curtis Street	Prima Vista Boulevard	Floresta Drive	Sidewalk-0.5 miles	Port St. Lucie Sidewalk List	\$461,620	15
15	34.5	Weatherbee Road	U.S. Highway 1	Oleander Avenue	Sidewalk-0.5 miles	St. Lucie County School District	\$226,000	16
16	34.0	Oleander Avenue	Midway Road	Market Avenue	Sidewalk-1.3 miles	St. Lucie County School District	\$554,400	17
16	34.0	Oleander Avenue	Midway Road	Saeger Avenue	Sidewalk-1.5 miles	St. Lucie County School District	\$672,000	17
16	34.0	Volucia Drive	Blanton Boulevard	Torino Parkway	Sidewalk-1.0 miles	St. Lucie County School District	\$441,840	17
19	32.5	29th Street	Avenue Q	Avenue T	Sidewalk-0.1 miles	2010/11 LOPP	\$10,000 <sup>4</sup>	20
20	31.5	Alcantarra Boulevard	Port St. Lucie Boulevard	Savona Boulevard	Sidewalk-0.8 miles	St. Lucie County School District	\$357,000	21
21	29.5	Floresta Drive	Port St. Lucie Boulevard	Southbend Boulevard	Sidewalk-0.6 miles	Port St. Lucie Sidewalk List #8		22
22	28.5	Rosser Boulevard	Newport Isle	Bamberg Street	Sidewalk-2.1 miles	Port St. Lucie Sidewalk List #1		23

2014/15 Priority Ranking	Score <sup>1</sup>	Facility	Project Limits		Project Description	Project Source	Estimated Cost <sup>2</sup>	2013/14 Priority Ranking
			From	To				
23	25.5	Import Drive	Gatlin Boulevard	Savage Boulevard	Sidewalk-2.0 miles	Port St. Lucie Sidewalk List #3		24
24	21.5	Paar Drive	Bamberg Street	Savona Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List #2		25
24	21.5	Southbend Boulevard	Oakridge Drive	Eagle Drive	Bridge and Sidewalk- 0.2 miles	Port St. Lucie Sidewalk List #13		25
26	20.5	Savage Boulevard	Import Drive	Gatlin Boulevard	Sidewalk-1.7 miles	Port St. Lucie Sidewalk List #4		27
26	20.5	Bayshore Boulevard	Mountwell Street	Port St. Lucie Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List #6		27
26	20.5	Emil Avenue	Oleander Avenue	U.S. Highway 1	Sidewalk-0.4 miles	2014 TA Grant Application	\$347,487	27
29	20.0	Traffic Signal Preemption Technology	Various	Various	50 Intersections 55 Fire/EMS vehicles	St. Lucie County Fire District	\$750,000	30
30	19.5	Oakridge Drive	Southbend Drive	Mountwell Street	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List #5		31
30	19.5	Tiffany Avenue	Lennard Road	Grand Drive	Sidewalk-0.9 miles	Port St. Lucie Sidewalk List #9		31
30	19.5	Selvitz Road	Floresta Drive	Bayshore Boulevard	Sidewalk-0.5 miles	Port St. Lucie Sidewalk List #10		31
30	19.5	Cashmere Boulevard	Charter School	Westgate K-8 School	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List #11		31
30	19.5	Idol Drive	Charter School	Savona Boulevard	Sidewalk-0.7 miles	Port St. Lucie Sidewalk List #12		31
35	17.0	Bicycle Facilities Improvement Program	Various	Various	Install various bicycle facilities	2011 TE Grant Application	\$401,353	36
36	5.0	West Cedar Pedestrian Mall	2nd Street	FEC Railroad	Streetscape improvements	2011 TE Grant Application	\$440,756	37

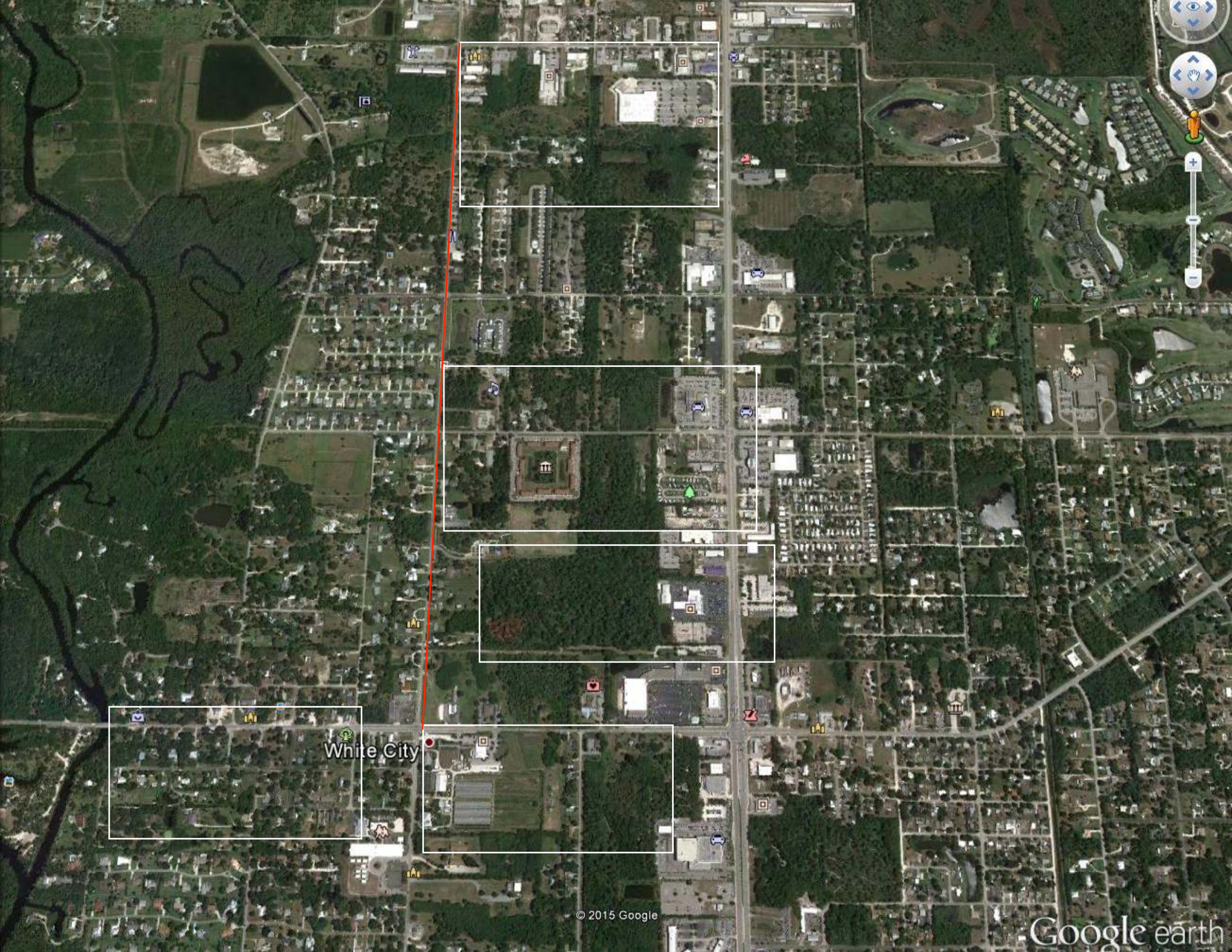
<sup>1</sup>Scoring is based on the St. Lucie TPO TA Project Prioritization Methodology

<sup>2</sup>Source of Estimated Cost: Project Source, unless otherwise noted

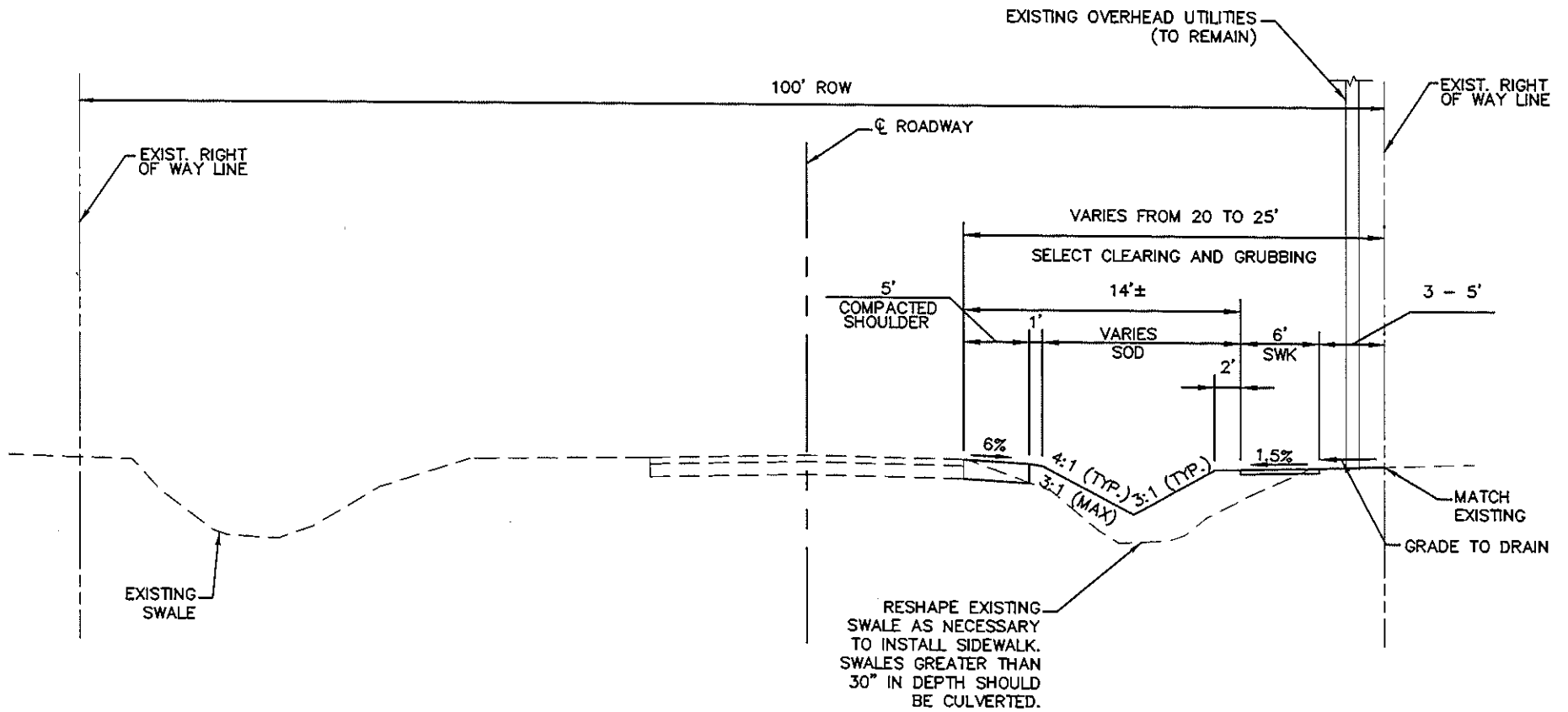
<sup>3</sup>Construction is anticipated to be programmed in the upcoming FDOT Tentative Work Program as a result of the 2014 TA Grant Cycle

<sup>4</sup>Estimated cost is based on an assumed cost of \$100,000 per mile

<sup>5</sup>Source: City of Port St. Lucie Engineering Department



White City



OLEANDER AVENUE SIDEWALK  
FROM MIDWAY ROAD TO SOUTH MARKET AVENUE  
TYPICAL SECTION

NTS

**ENGINEERS COST ESTIMATE**  
**Project Description: Oleander Ave Sidewalk from Midway Road to South Market Avenue, Ft. Pierce Florida (St. Lucie County)**

Pay Item Number*	Pay Item Description*	FHWA Eligible				FHWA non-participating (Local funds)				Total Quantity	Total Engineer's Cost
		Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost	Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost		
101-1A	Mobilization/Demobilization	1	LS	\$ 25,000.00	\$ 25,000.00				\$ -	1	\$ 25,000.00
102-1A	Maintenance of Traffic	1	LS	\$ 16,500.00	\$ 16,500.00				\$ -	1	\$ 16,500.00
104-2A	Prevention, Control & Abatement of Erosion & Water Pollution	1	LS	\$ 6,500.00	\$ 6,500.00				\$ -	1	\$ 6,500.00
108-1	Construction Layout and Record Drawings	1	LS	\$ -	\$ -	1	LS	\$ 10,000.00	\$ 10,000.00	2	\$ 10,000.00
110-1-2A	Clearing and Grubbing (Select)	1	LS	\$ 12,500.00	\$ 12,500.00				\$ -	1	\$ 12,500.00
110-7-1A	Mailbox (Remove, Protect & Reset)	33	EA	\$ 75.00	\$ 2,475.00				\$ -	33	\$ 2,475.00
120-1A	Regular Excavation /Embankment	1	LS	\$ 25,000.00	\$ 25,000.00				\$ -	1	\$ 25,000.00
285-704	Cemented Coquina Base (LBR100) (4")	1000	SY	\$ 9.10	\$ 9,100.00				\$ -	1000	\$ 9,100.00
285-718	Cemented Coquina Base (LBR100) (18")	275	SY	\$ 27.40	\$ 7,535.00				\$ -	275	\$ 7,535.00
334-1-13	Superpave Asphaltic Concrete (Traffic C) (SP-12.5) (1.5")	10	TN	\$ 200.00	\$ 2,000.00				\$ -	10	\$ 2,000.00
337-7-32	Asphalt Concrete (Traffic C) (SP 9.5) (1")	75	TN	\$ 185.00	\$ 13,875.00				\$ -	75	\$ 13,875.00
400-90A	Dewatering for Construction Operations	1	LS	\$ 9,500.00	\$ 9,500.00				\$ -	1	\$ 9,500.00
400-1-X	Concrete Class I (End Walls)	3	EA	\$ 5,000.00	\$ 15,000.00				\$ -		
400-4-X	Extension of Platt's Creek Box Culvert	24	LF	\$ 1,000.00	\$ 24,000.00				\$ -	24	\$ 24,000.00
400-4-2X	Concrete, Class IV Endwalls (Includes Steel)	25	CY	\$ 1,000.00	\$ 25,000.00				\$ -	25	\$ 25,000.00
425-1-XXX	Inlets & Manholes (<10')	12	EA	\$ 2,200.00	\$ 26,400.00				\$ -	12	\$ 26,400.00
430-174-XXX	Pipe Culvert (24" to 36" RCP)	2700	LF	\$ 75.00	\$ 202,500.00				\$ -	2700	\$ 202,500.00
430-982-XXX	Mitered End Section (4:1)	54	EA	\$ 850.00	\$ 45,900.00				\$ -	54	\$ 45,900.00
515-2-302	Pedestrian / Bicycle Railing (Aluminum) (54" Picket Rail)	120	LF	\$ 42.50	\$ 5,100.00				\$ -	120	\$ 5,100.00
522-1	Concrete Sidewalk (4" Thick)	3460	SY	\$ 30.00	\$ 103,800.00				\$ -	3460	\$ 103,800.00
522-2	Concrete Sidewalk (6" Thick) (Driveway/Sidewalk)	1300	SY	\$ 35.00	\$ 45,500.00				\$ -	1300	\$ 45,500.00
527-1	Detectable Warning Surface	16	EA	\$ 350.00	\$ 5,600.00				\$ -		
570-1-2	Performance Turf (Sod) (Match Existing)	11500	SY	\$ 2.50	\$ 28,750.00				\$ -	11500	\$ 28,750.00
700-20-60X	Single Post Sign (Remove Protect and Reset)	22	AS	\$ 175.00	\$ 3,850.00				\$ -	22	\$ 3,850.00
711-11-123	Thermoplastic (Standard) (White) (Solid) (12")	800	LF	\$ 2.00	\$ 1,600.00				\$ -	800	\$ 1,600.00
711-11-125	Thermoplastic (Standard) (White) (Solid) (24")	120	LF	\$ 3.00	\$ 360.00				\$ -	120	\$ 360.00
999.01	Utility Coordination	1	LS	\$ -	\$ -	1	LS	2500	\$ 2,500.00	2	\$ 2,500.00
					\$ -				\$ -	0	\$ -
					\$ -				\$ -	0	\$ -
					\$ -				\$ -	0	\$ -

TAP Funds for Construction				\$ 663,345.00	Local Funds for Construction				\$ 12,500.00	Subtotal	\$ 655,245.00
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FDOT IN-HOUSE DESIGN SUPPORT	1	LS	\$5,000	\$ 5,000.00	FDOT In-House Support must be included as an FHWA Participating Item
ADDITIONAL FDOT IN-HOUSE DESIGN SUPPORT FOR CRITICAL PROJECTS	0	LS	\$2,000	\$ -	
FDOT IN-HOUSE CONSTRUCTION SUPPORT	1	LS	\$5,000	\$ 5,000.00	
ADDITIONAL FDOT IN-HOUSE CONSTRUCTION SUPPORT FOR CRITICAL PROJECTS	0	LS	\$2,000	\$ -	
LOCAL FUNDS FOR DESIGN					
CONTINGENCY (REQUIRED)	1	LS	20%	\$ 131,049.00	Local Agency Design Work is not a FHWA Eligible Item
TRANSIT RELATED PROJECTS (10% FTA ADMINISTRATIVE FEE)	0	LS	10%	\$ -	Contingency is not a FHWA Eligible Item
CONSTRUCTION ENGINEERING & INSPECTION ACTIVITIES (CEI) NO MORE THAN 12% OF ELIGIBLE ITEMS (Phase 68) (Optional)	1	LS	12%	\$ 79,601.40	Administrative Fee is not a FHWA Eligible Item
FDOT OVERSIGHT CEI (3% OF TOTAL CONSTRUCTION COST ESTIMATE) (REQUIRED)	1	LS	3%	\$ 19,657.35	
				\$ 772,603.75	
					Subtotal FHWA Non-Participating
					\$ 145,049.00
					Total Construction Cost Estimate
					\$ 917,652.75

\*Projects on the State Highway System and Critical Projects SHALL utilize FDOT pay items numbers and descriptions.

**Non-participating items:**

Mowing & Litter removal

\*\*Engineering work; Optional services; Survey; Video Inspection; MOT plans preparation; As-builts/record drawings

\*\*Utility work--this includes, but is not limited to: valve adjustments, utility relocations, FPL power pole relocations, AT&T directional bore, etc..

Other elements are non-participating; the ones listed above are the commonly used pay items that are non-participating.

If you have any questions regarding an eligible or non-participating item, please contact us.

Estimate Prepared by: Craig A. Hauschild  
 PE Number: 56109

Date: 2/12/2015



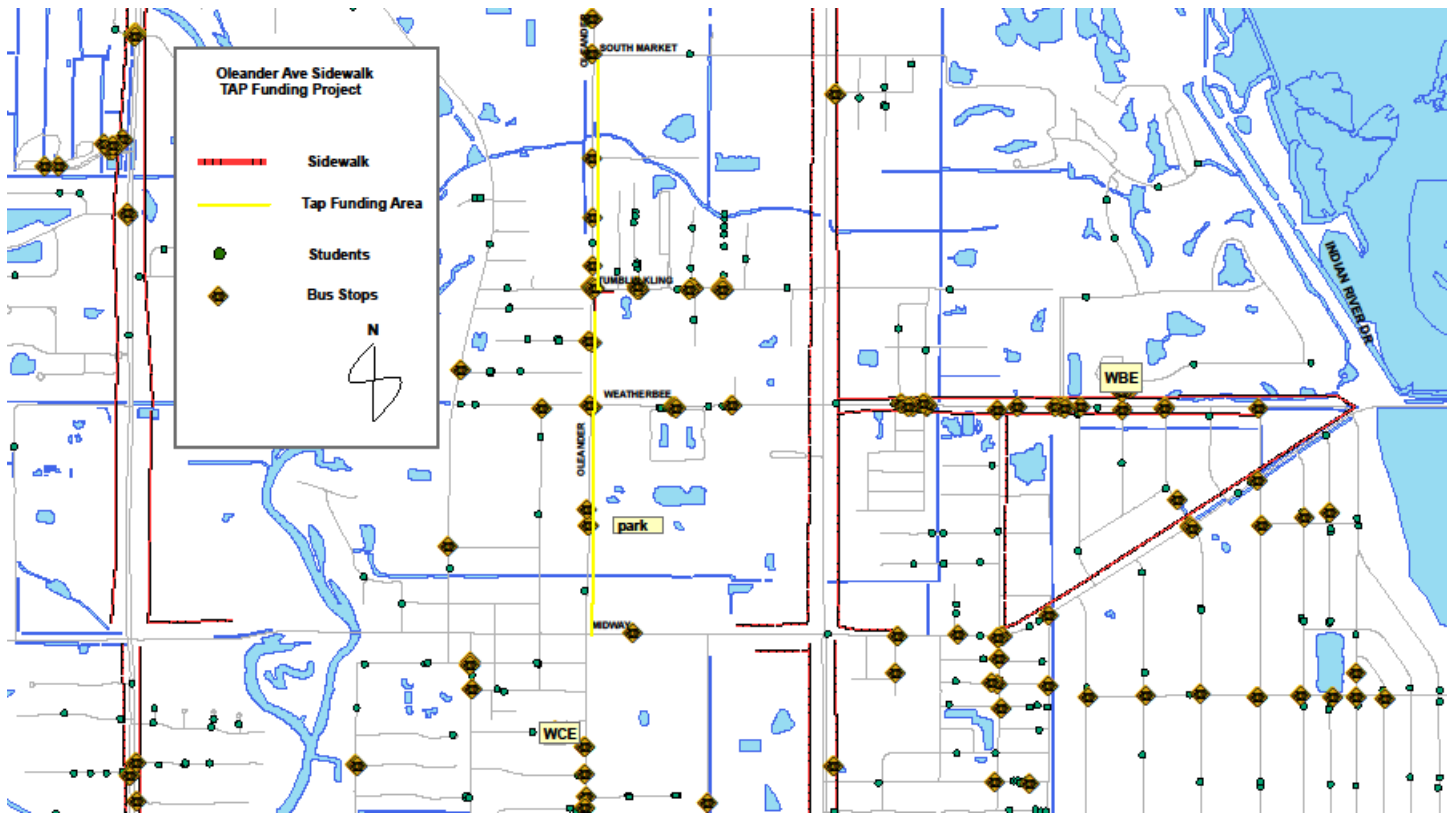
2-9-15

Tawonna Johnson

St Lucie County BOCC

Oleander Avenue from Midway Road to Market Avenue Sidewalk-1.3 miles project would help the students and residents reach White City Elem, bus stops, shopping center and the park in a safe manner. Sidewalk should be located on the east side of Oleander Ave to allow future connection to West Weatherbee Rd and Midway Rd.

St Lucie School District has 24 Stops from South Market to Midway Rd on Oleander Ave. with 50 students walking to those stops.



Phil Vitale

St Lucie School District

Mapping Spec.



TAP Grant Application FY 18/19

Paar Drive Sidewalk

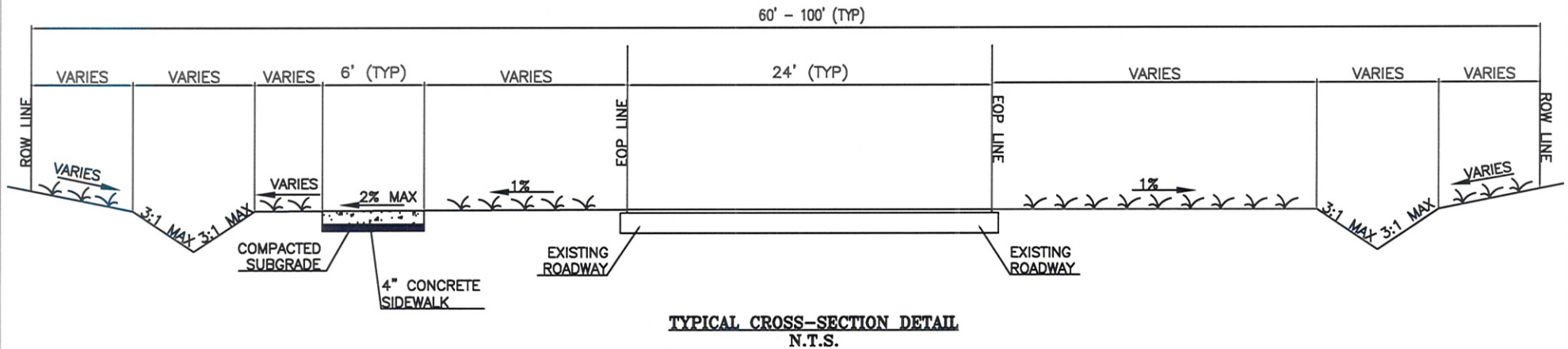
Darwin Boulevard to Port St. Lucie Boulevard





"A City for All Ages"

PUBLIC WORKS DEPARTMENT



TAP Grant Application FY 18/19  
Paar Drive Sidewalk  
Darwin Boulevard to Port St. Lucie Boulevard



## AGENDA ITEM SUMMARY

<b>Board/Committee:</b>	Bicycle-Pedestrian Advisory Committee (BPAC)
<b>Meeting Date:</b>	March 12, 2015
<b>Item Number:</b>	6b
<b>Item Title:</b>	St. Lucie Freight Network (SLFN)
<b>Item Origination:</b>	Unified Planning Work Program (UPWP)
<b>UPWP Reference:</b>	Task 3.6 – Freight Planning
<b>Requested Action:</b>	Review and recommend designation of the SLFN, recommend designation with conditions, or do not recommend designation.
<b>Staff Recommendation:</b>	Based on the consistency of the draft SLFN with the objectives for designating a freight network, it is recommended that the advisory committees recommend the draft SLFN for designation.

### **Attachments**

- Staff Report
- USDOT Primary Freight Network Map
- FDOT Regional Trucking Corridors Map
- Truck Traffic Volume 2013 Map
- Draft Designated St. Lucie Freight Network Map

## **MEMORANDUM**

**TO:** Bicycle-Pedestrian Advisory Committee (BPAC)

**FROM:** Peter Buchwald  
Executive Director

Ed DeFini  
GIS Program Manager

**DATE:** March 5, 2015

**SUBJECT:** **St. Lucie Freight Network (SLFN)**

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### **BACKGROUND**

In response to recently-enacted Federal and State legislation and policies, the U.S. Department of Transportation (USDOT) and the Florida Department of Transportation (FDOT) are emphasizing the planning for freight movement and the investing in freight infrastructure. The USDOT has designated a Primary Freight Network (PFN), a map of the Florida portion of which is attached. FDOT maintains geographic information about Truck Average Annual Daily Trips (AADT) and has developed a map of Regional Trucking Corridors which also is attached.

Consistent with these efforts, the Unified Planning Work Program (UPWP) of the St. Lucie TPO has a task (Task 3.6) dedicated to freight planning. As part of the TPO's freight planning efforts, a draft SLFN has been developed for designation. It is proposed that the designated SLFN would be incorporated into the 2040 Long Range Transportation Plan and the plans of the local jurisdictions.

### **ANALYSIS**

Based on review of data including the 2013 Truck Traffic Volume as depicted on the attached map, there is an active freight network within the St. Lucie TPO area. The network consists of major roads that connect regional activity centers such as Downtown Fort Pierce, St. Lucie West, Tradition, and the City

of Port St. Lucie's Community Redevelopment Area (CRA). Most freight is transported in and out of the TPO area via I-95, US-1, and the Florida Turnpike. Freight from I-95 travels east along major corridors such as Gatlin Boulevard, St. Lucie West Boulevard, Prima Vista Boulevard, Midway Road, Okeechobee Road, Orange Avenue, and Indrio Road. These east-west roads connect to US-1, and US 1 connects Downtown Fort Pierce and the CRA. Freight from the Florida Turnpike (Port St. Lucie Boulevard Exit) travels east and west via Port St. Lucie Boulevard or north via Bayshore Boulevard to connect to St. Lucie West Boulevard or Prima Vista Boulevard.

Emerging freight routes include Becker Road (with Turnpike and I-95 Interchanges) and Village Parkway in the Southern Groves area. Crosstown Parkway is a large part of the emerging east-west freight network currently connecting I-95 with Bayshore Boulevard's industrial areas on South Macedo Boulevard and Biltmore Street. Crosstown Parkway will eventually connect to the CRA on US 1 via the Crosstown Parkway Bridge.

The objectives of designating a SLFN is to reflect the active freight network, identify corridors most suitable for the movement of freight, discourage the movement of freight along corridors not suited for freight movement due to the characteristics of the corridors and/or local policies, and identifying locations most appropriate for investments in freight projects.

The draft SLFN was developed based on the USDOT Primary Freight Network Map, the FDOT Regional Trucking Corridors Map, the active freight network, and corridor characteristics. Corridors with characteristics such as two-lane roadways through primarily residential areas are not proposed to be included in the designated SLFN.

## **RECOMMENDATION**

Based on the consistency of the draft SLFN with the objectives for designating a freight network, it is recommended that the advisory committees recommend the draft SLFN for designation.

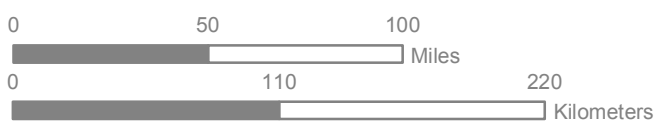
# Draft Primary Freight Network: Florida

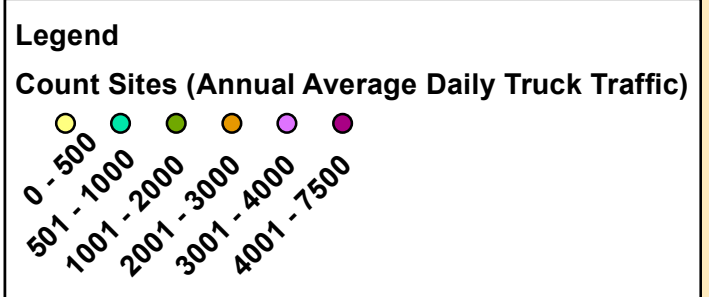
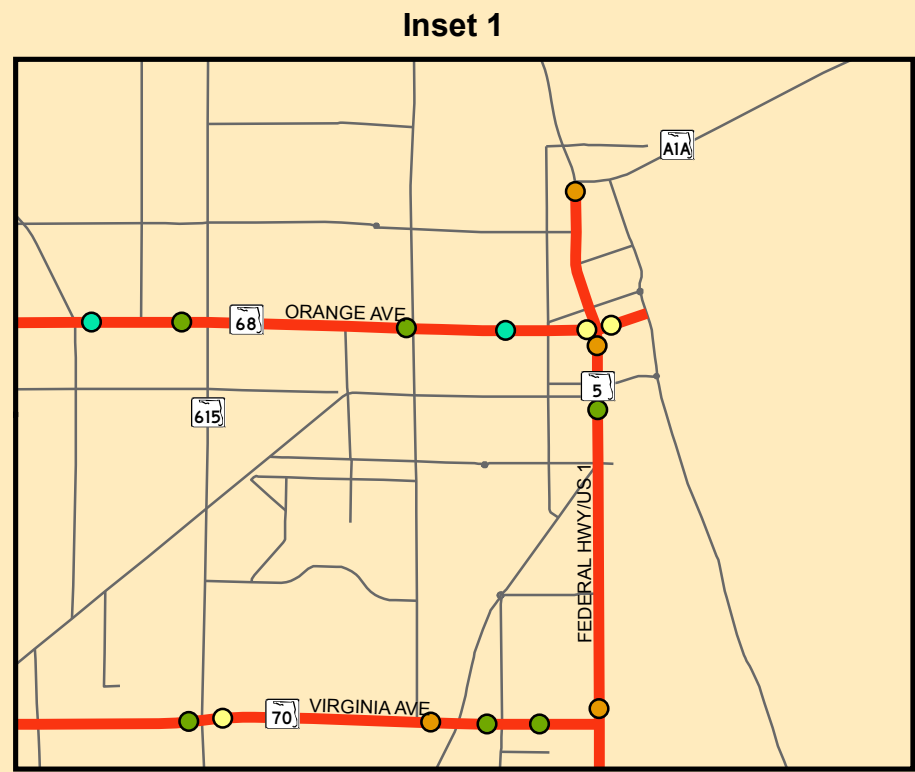
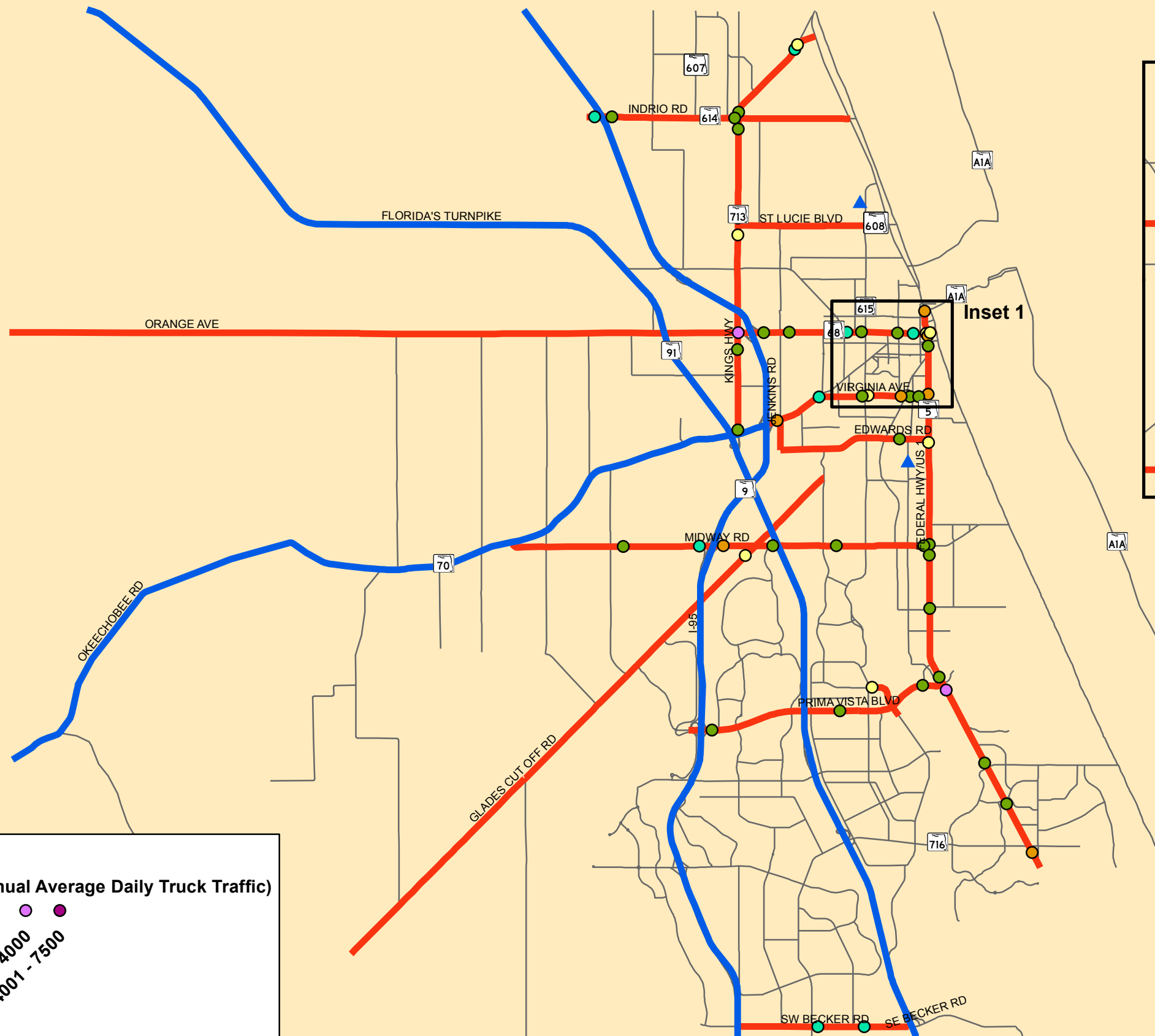


## LEGEND

- |   |                        |                                 |                         |
|---|------------------------|---------------------------------|-------------------------|
| <b>PFN Features</b>   | Border Crossings       | AMTRAK Station                  | Port Terminal           |
| Primary Freight Network (PFN) of 27,000 miles (based on statutory cap and criteria) | Cities                 | Airport                         | Public Transit Station  |
| Comprehensive PFN (approx. 41,000 miles based on statutory criteria)                | State Capital          | Ferry Terminal                  | Truck/Pipeline Terminal |
| Remainder of the Interstate System (not part of PFN)                                | Census Urbanized Areas | Intercity Bus Terminal          | Truck/Rail Facility     |
|   | Water                  | Multipurpose Passenger Facility |                         |

U.S. Department of Transportation,  
Federal Highway Administration,  
Office of Freight Management and Operations



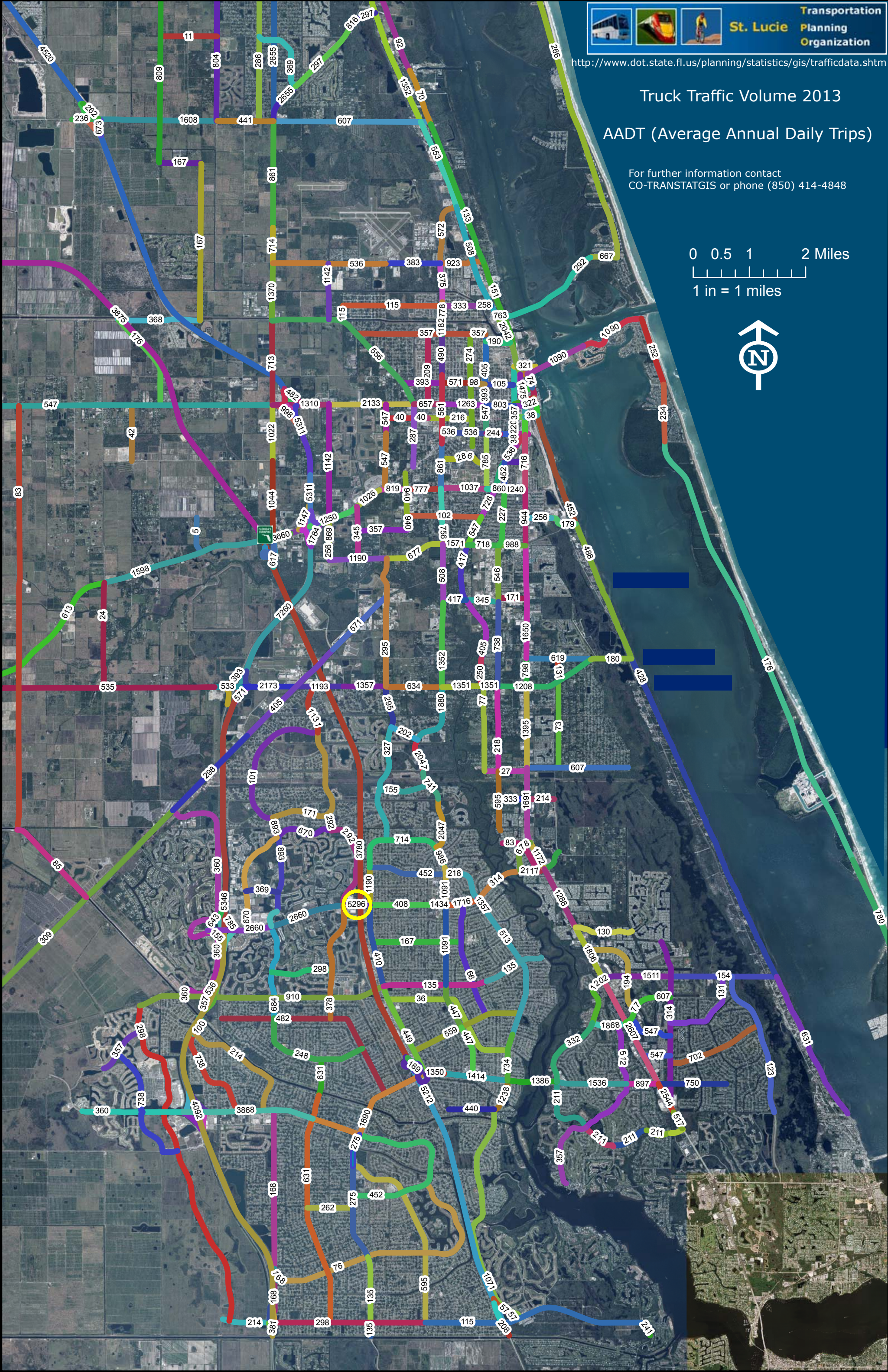
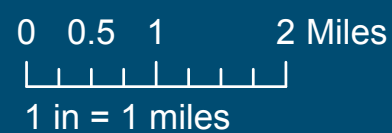




# Truck Traffic Volume 2013

## AADT (Average Annual Daily Trips)

For further information contact  
CO-TRANSTATGIS or phone (850) 414-4848

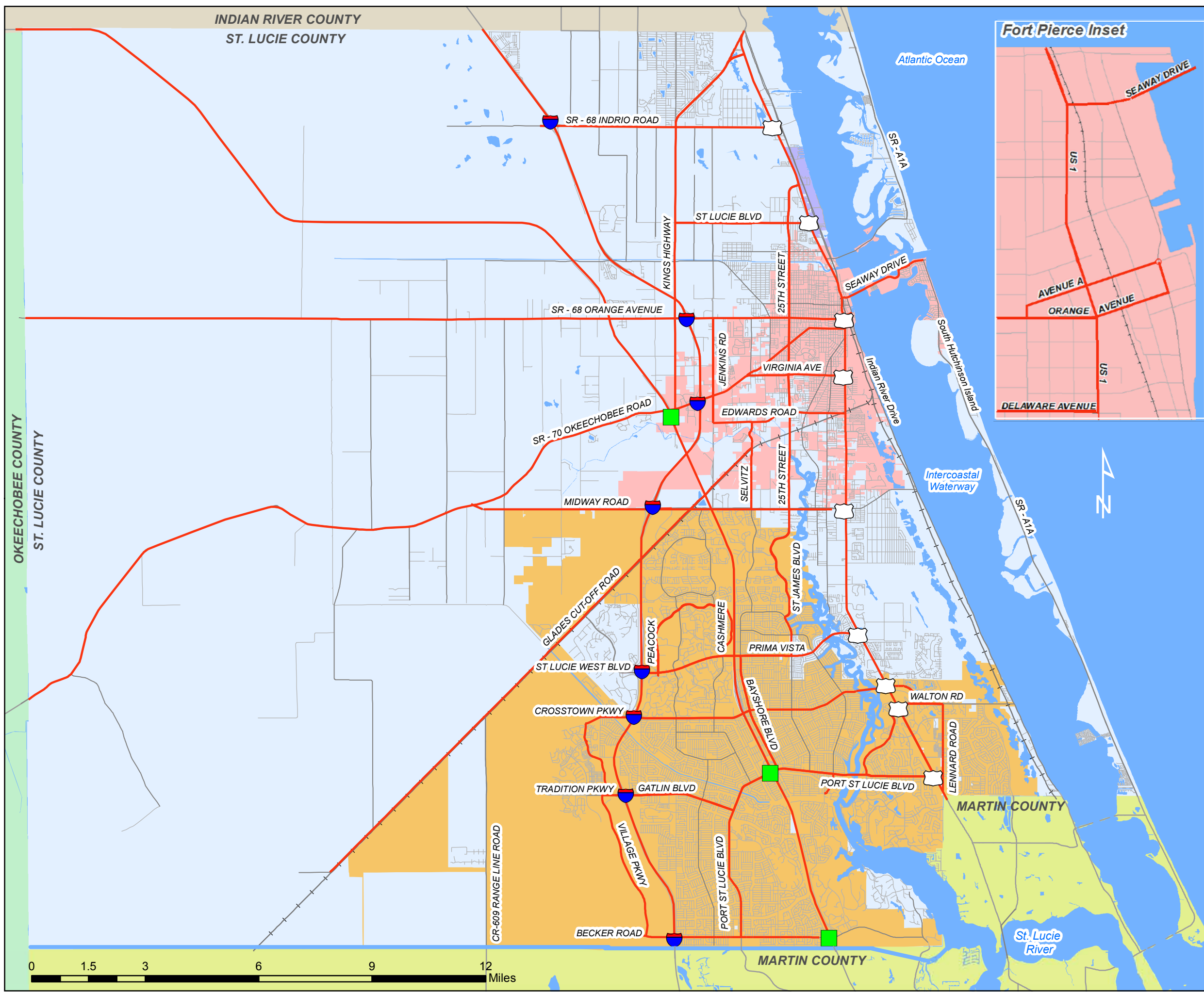











INDIAN RIVER COUNTY  
ST. LUCIE COUNTY

Fort Pierce Inset

# DRAFT DESIGNATED ST. LUCIE FREIGHT NETWORK



## LEGEND

-  I - 95 INTERCHANGE
-  TURNPIKE INTERCHANGE
-  US 1 MAJOR INTERSECTION
-  PORT ST. LUCIE CITY LIMITS
-  FORT PIERCE CITY LIMITS
-  UNINCORPORATED ST. LUCIE COUNTY
-  MAJOR TRUCK ROUTES

0 1.5 3 6 9 12 Miles

## AGENDA ITEM SUMMARY

<b>Board/Committee:</b>	Bicycle-Pedestrian Advisory Committee (BPAC)
<b>Meeting Date:</b>	March 12, 2015
<b>Item Number:</b>	7a
<b>Item Title:</b>	Go2040 Long Range Transportation Plan (LRTP) Advisory Committee Survey
<b>Item Origination:</b>	Go2040 LRTP Development Process
<b>UPWP Reference:</b>	Task 3.1 – Long Range Transportation Planning and MAP-21 Implementation
<b>Requested Action:</b>	Discuss and provide comments to staff.
<b>Staff Recommendation:</b>	Discuss and provide comments to staff.

### **Attachments**

- Staff Report
- Go2040 Advisory Committee Survey



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

## **MEMORANDUM**

**TO:** Bicycle-Pedestrian Advisory Committee (BPAC)

**THROUGH:** Peter Buchwald  
Executive Director

**FROM:** Marceia Lathou  
Transit Program Manager

**DATE:** March 5, 2015

**SUBJECT:** **Go2040 Long Range Transportation Plan (LRTP) Advisory Committee Survey**

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### **BACKGROUND**

Extensive public outreach is being conducted as part of the development of the Go2040 Long Range Transportation Plan (LRTP). This outreach includes key stakeholder interviews, community events, and a social media campaign. The Go2040 LRTP brand is "Go2040: Go Ride, Go Walk, Go Live."

### **ANALYSIS**

The Advisory Committees are involved in the Go2040 LRTP public outreach process. Input is requested regarding appropriate community event locations. In addition, the Advisory Committee members are requested to complete the attached Go2040 LRTP survey.

### **RECOMMENDATION**

Discuss and provide comments to staff.

The St. Lucie TPO has started the development of the Go2040 Long Range Transportation Plan which identifies and prioritizes transportation projects for Federal and State funding through the year 2040. As part of the process, information and insights are being collected from throughout the TPO area to obtain the prevailing thoughts about economic development, the quality of life, and the type of investments in the transportation system that are needed to best serve the TPO area through the year 2040.

Name: \_\_\_\_\_ Advisory Committee: \_\_\_\_\_

Interview date, time, and location: \_\_\_\_\_

## Economic Development and Quality of Life

- 1) What is the best feature of the TPO area?  
\_\_\_\_\_
- 2) What is the worst feature of the TPO area?  
\_\_\_\_\_
- 3) What are the most important issues facing the TPO area with regard to the future quality of life?  
\_\_\_\_\_  
\_\_\_\_\_
- 4) What are the most important efforts that could be initiated to improve the economic viability and encourage economic development in the TPO area?  
\_\_\_\_\_  
\_\_\_\_\_
- 5) How can the Cities and the County better cooperate to improve the economic viability and encourage economic development in the TPO area?  
\_\_\_\_\_  
\_\_\_\_\_
- 6) How can local policies or plans be changed or what new local policies or plans can be adopted to better support development in 2040? (e.g.: economic incentives, land use changes, etc.)  
\_\_\_\_\_  
\_\_\_\_\_
- 7) On a scale of 1 to 5, do you agree that automated vehicles will comprise the majority of the vehicles on the road in 2040?  

(Strongly Disagree) 1 ---- 2 ---- 3 ---- 4 ---- 5 (Strongly Agree)
- 8) On a scale of 1 to 5, do you agree that automated vehicles improve the quality of life in a community?  

(Strongly Disagree) 1 ---- 2 ---- 3 ---- 4 ---- 5 (Strongly Agree)
- 9) On a scale of 1 to 5, do you agree that a bike sharing program would be beneficial for the TPO area?  

(Strongly Disagree) 1 ---- 2 ---- 3 ---- 4 ---- 5 (Strongly Agree)

## Transportation System

- 1) Should more money be spent on maintaining the existing roads (resurfacing), widening and improving existing roads (such as adding sidewalks), or building new roads? \_\_\_\_\_
  
- 2) On a scale of 1 to 5, how important is the bus system?  

(Least Important) 1 ---- 2 ---- 3 ---- 4 ---- 5 (Most Important)
  
- 3) Should improvements to the bus system focus on extending the times and days of the service on the existing routes or adding new routes? \_\_\_\_\_
  
- 4) To what extent should the following factors be considered when prioritizing transportation improvements? (Rank from 1 to 5, with 1 being the most important) Rank:

a. Maintaining existing roads	_____
b. Fixing existing congestion issues	_____
c. Addressing safety issues	_____
d. Accommodating where future growth will occur	_____
e. Improving facilities other than roadways such as bicycle, pedestrian, and transit	_____
f. Promoting economic development	_____
  
- 5) Please identify your top 3 areas for the following improvements on the map:
  - Maintaining existing roads
  - Widening existing roads
  - Building new roads
  - Intersections (including safety)
  - Bus service
  - Sidewalks
  - Bicycle lanes
  - Multi-use pathways (i.e. off-road facilities that are at least 10 feet wide)
  
- 6) In developed areas, should there be a sidewalk on every street? \_\_\_\_\_
  
- 7) Should there be a passenger rail service established that stops in the TPO area? \_\_\_\_\_
  
- 8) What percentage of funding would you allocate toward the following types of improvements?
 

Maintaining existing roads	_____%
Widening existing roads	_____%
Building new roads	_____%
Intersections (including safety)	_____%
Bus service	_____%
Sidewalks	_____%
Bicycle lanes	_____%
Multi-use pathways (i.e. off-road facilities that are at least 10 feet wide)	_____%
<b>Total:</b>	<b>100%</b>
  
- 9) As Federal and State funding will not be sufficient to meet the transportation needs of the TPO area, how should additional local funding be obtained (e.g. impact fees, increase taxes, new taxes/fees)?  
 \_\_\_\_\_