



## CITIZENS ADVISORY COMMITTEE (CAC)

### Regular Meeting

Tuesday, March 16, 2021  
10:30 am

#### Public Participation/Accessibility

This meeting will be publically accessible in person and by webconference subject to the Centers for Disease Control and Prevention (CDC) Guidelines and the Governor's Executive Orders pertaining to the COVID-19 Pandemic in effect as of the date of the meeting.

Participation in Person: Public comments may be provided in person at the meeting. Social distancing and face mask requirements will be observed at the meeting.

Participation by Webconference: Using a computer or smartphone, register at <https://attendee.gotowebinar.com/register/8850946971300299788>. After the registration is completed, a confirmation will be emailed containing instructions for joining the webconference. Public comments may be provided through the webconference chatbox during the meeting.

Written and Telephone Comments: Comment by email to [TPOAdmin@stlucieco.org](mailto:TPOAdmin@stlucieco.org); by regular mail to the St. Lucie TPO, 466 SW Port St. Lucie Boulevard, Suite 111, Port St. Lucie, Florida 34953; or call 772-462-1593 until 10:00 am on March 16, 2021.

### AGENDA

1. Call to Order
2. Roll Call
3. Comments from the Public
4. Approval of Agenda
5. Approval of Meeting Summary
  - *November 17, 2020 Regular Meeting*
6. Action Items
  - 6a. Annual Officer Elections: Election of a Chairperson and a Vice Chairperson for the CAC for 2021.
 

*Action: Nominate and Elect a Chairperson and a Vice Chairperson for the CAC.*
  - 6b. Public Participation Plan (PPP) 2020 Annual Evaluation: Review of the PPP 2020 Annual Evaluation.
 

*Action: Recommend acceptance of the Evaluation, recommend acceptance with conditions, or do not recommend acceptance.*

- 6c. Public Transportation Agency Safety Plan (PTASP) Performance Targets: Review of the proposed PTASP Performance Targets for the St. Lucie TPO for Fiscal Year 2020.

*Action: Recommend adoption of the proposed Targets, recommend adoption with conditions, or do not recommend adoption.*

- 6d. Transportation Alternatives Program (TAP) 2021 Grant Application: Review of a TAP grant application for the 2021 cycle.

*Action: Recommend endorsement of the TAP grant application, recommend endorsement with conditions, or do not recommend endorsement.*

- 6e. Transportation Regional Incentive Program (TRIP) 2021 Grant Application: Review of a TRIP grant application for the 2021 cycle.

*Action: Recommend endorsement of the TRIP grant application, recommend endorsement with conditions, or do not recommend endorsement.*

7. Discussion Items

- 7a. St. Lucie Walk-Bike Network (WBN) 2021 Update and Crosswalk Markings Visibility Inventory: Review of the St. Lucie WBN 2021 Update and Crosswalk Markings Visibility Inventory.

*Action: Discuss and provide comments*

8. Recommendations/Comments by Members

9. Staff Comments

10. Next Meeting: The next St. Lucie TPO CAC meeting is a regular meeting scheduled for 10:30 am on Tuesday, May 18, 2021.

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 at 772-462-1593 at least five days prior to the meeting. Persons who are hearing or speech impaired may use the Florida Relay System by dialing 711.

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 renmen resewwa enfòmasyon sa a nan lang Kreyòl Ayisyen, tanpri rele nimewo 772-462-1593.

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



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

# CITIZENS ADVISORY COMMITTEE (CAC)

## REGULAR MEETING

DATE: Tuesday, November 17, 2020  
TIME: 10:30 am  
LOCATION: St. Lucie TPO  
Coco Vista Centre  
466 SW Port St. Lucie Boulevard, Suite 111  
Port St. Lucie, Florida

---

### MEETING SUMMARY

1. Call to Order

Chairwoman Niemczyk called the meeting to order at 10:40 am.

2. Roll Call

The roll was conducted via sign-in sheet, and a quorum was confirmed with the following members present:

Members Present

Carolyn Niemczyk, Chairwoman  
Paul Weinstein, Vice Chairman  
Ron Brown  
Tamika Butts  
Mike Keleher  
Michael McLeod

Representing

At-Large  
Port St. Lucie  
Port St. Lucie  
Fort Pierce  
Port St. Lucie  
Fort Pierce

Others Present

Kyle Bowman  
Peter Buchwald  
Yi Ding

Representing

St. Lucie TPO  
St. Lucie TPO  
St. Lucie TPO

Marceia Lathou	St. Lucie TPO
Rachel Harrison	Recording Specialist
Lisa Juan (remotely)	Kimley-Horn
Stewart Robertson (remotely)	Kimley-Horn

3. Comments from the Public – None.

4. Approval of Agenda

\* MOTION by Mr. McLeod to approve the agenda.

\*\* SECONDED by Mr. Brown Carried UNANIMOUSLY

5. Approval of Meeting Summary  
• September 15, 2020 Regular Meeting

\* MOTION by Mr. Keleher to approve the Meeting Summary.

\*\* SECONDED by Mr. McLeod Carried UNANIMOUSLY

6. Action Items

6a. SmartMoves 2045 Long Range Transportation Plan (LRTP)  
Development: Review of the draft Cost Feasible Plan for the  
SmartMoves 2045 LRTP.

Mr. Buchwald introduced the agenda item and invited Mr. Robertson to continue the presentation. Mr. Robertson outlined the LRTP's purpose and scope before summarizing the elements that had previously been reviewed and approved. Mr. Robertson then explained the CFP and how it related to the overall LRTP, provided highlights of the CFP along with a comparison between it and the present Transportation Improvement Program (TIP), and described how the projects in the CFP were organized into time bands of implementation. He reported the amounts and sources of funding expected over the next 25 years, presented with the aid of several maps the various multimodal projects incorporated into the CFP, and concluded with the next steps in the LRTP's developmental process.

Mr. McLeod commented on the need for interconnectivity and complementary infrastructure to ensure that sidewalks and bicycle

paths were used, questioning how existing deficiencies in the multimodal network might be addressed. Mr. Buchwald acknowledged the challenges to be faced in retrofitting the network, noting several strategies that could be employed in the interim to make streets more accommodating to multimodal users, and described the inherent tradeoffs in a long range transportation alternative that emphasizes multimodal choices.

In response to Mr. Brown's question, Mr. Buchwald described the process for Plan adoption if changes were made to the draft CFP subsequent to the CAC's recommendation for adoption.

In answer to Mr. McLeod's question, Mr. Buchwald explained the protocols for updating or amending the LRTP.

\* MOTION by Mr. Brown to recommend adoption of the draft Cost Feasible Plan for the SmartMoves 2045 LRTP with the condition that any significant changes to the Plan subsequent to the CAC's recommendation for approval be brought before the CAC for review.

\*\* SECONDED by Mr. McLeod Carried UNANIMOUSLY

6b. Transit Route Optimization Study Scope of Services:  
Review of the Transit Route Optimization Study Scope of Services.

Mr. Buchwald explained the purpose of the Study and invited Ms. Lathou to continue the presentation. Ms. Lathou provided an overview of the St. Lucie County Bus System, highlighted several factors taken into account when identifying optimal locations for bus routes, and described both phases of the Study. She noted that Phase I of the Study would be conducted by Marlin Engineering with sub-consulting from Jarrett Walker + Associates and then concluded with the project timeline and cost.

In response to Mr. Kelleher's question, Ms. Lathou described the various ridership metrics and how they could be instrumental in improving the transit system.

With respect to system connectivity, Mr. McLeod suggested that greater emphasis be placed on cultural locations like downtown Fort Pierce. He also remarked on the need for equal accessibility to all parts of the County, comparing St. Lucie County Transit to other systems with which he was familiar. Ms. Lathou noted the present emphasis on Major Activity Centers, which included locations like downtown Fort

Pierce and Indian River State College, and explained that the international experience of Jarrett Walker + Associates would ensure that a wide variety of considerations would be taken into account when making recommendations.

In response to Ms. Butts' question, Ms. Lathou described some of the current deficiencies of the transit system as well as several aspects of the anticipated public involvement process for the Study. Mr. Buchwald further described the evolution of the County's transit system, explaining the distinction between choice ridership and Transportation Disadvantaged ridership.

Vice Chairman Weinstein inquired about transportation services for medical appointments, and Mr. Buchwald noted the availability of the Demand Response service. Vice Chairman Weinstein further inquired about the relative caliber of St. Lucie County's transit system, and Mr. Buchwald compared it to systems in neighboring counties.

\* MOTION by Vice Chairman Weinstein to recommend approval of the Transit Route Optimization Study Scope of Services.

\*\* SECONDED by Mr. McLeod Carried UNANIMOUSLY

6c. 2021 Legislative Priorities: Review of the proposed Legislative Priorities for the St. Lucie TPO for 2021.

Mr. Buchwald explained that the TPO adopts legislative priorities each year based on the results of the previous Florida Legislative Session, the legislative priorities of other transportation organizations, the likelihood of FDOT support, and, in the case of previously unsuccessful legislation, the likelihood of its reintroduction. He outlined two legislative priorities for 2021, both of which were deemed consistent with TPO goals and objectives: broadening the texting while driving ban to prohibit the handheld use of cellular phones and other devices while driving and expanding the current Move Over Law to include people.

In answer to Ms. Butts' question, Mr. Buchwald provided clarification on the first legislative priority.

\* MOTION by Mr. McLeod to recommend adoption of the proposed Legislative Priorities for the St. Lucie TPO for 2021.

\*\* SECONDED by Mr. Keleher Carried UNANIMOUSLY

6d. 2021 Meeting Dates: Approval of the proposed 2021 meeting dates for the St. Lucie TPO CAC.

Mr. Buchwald presented the proposed dates and times for CAC meetings in 2021, explaining that two joint Advisory Committee meetings had been scheduled within the upcoming year to accommodate the scheduling of FDOT's Work Program presentations.

Vice Chairman Weinstein inquired about the possibility of virtual attendance at future meetings, and Mr. Buchwald described the in-person quorum requirements of the State of Florida.

\* MOTION by Mr. Brown to approve the proposed 2021 meeting dates.

\*\* SECONDED by Mr. McLeod Carried UNANIMOUSLY

7. Recommendations/Comments by Members – None.

8. Staff Comments – Mr. Buchwald thanked the members for their participation and patience, wishing them continued health and safety as well as a happy holiday season.

9. Next Meeting: The next St. Lucie TPO CAC meeting is a joint meeting with the Technical Advisory Committee and the Bicycle-Pedestrian Advisory Committee scheduled for 1:30 pm on Tuesday, January 19, 2021.

10. Adjourn – The meeting was adjourned at 11:55 am.

Respectfully submitted:

Approved by:

\_\_\_\_\_  
Rachel Harrison  
Recording Specialist

\_\_\_\_\_  
Carolyn Niemczyk  
Chairwoman

## AGENDA ITEM SUMMARY

Board/Committee: Citizens Advisory Committee (CAC)

Meeting Date: March 16, 2021

Item Number: 6a

Item Title: Annual Officer Elections

Item Origination: TPO By-Laws, Rules, and Procedures

UPWP Reference: Task 6.1 -Public Involvement

Requested Action: Nominate and elect a Chairperson and a Vice Chairperson for the CAC. In 2020, the Chairperson was Carolyn Niemczyk, and the Vice Chairperson was Paul Weinstein.

Staff Recommendation: Not applicable

### Attachments

- CAC Member Summary - 2020



## CITIZENS ADVISORY COMMITTEE (CAC) MEMBER SUMMARY 2020

Residence Based on Municipal City/County Boundary Limits

Member	Resident/Representing
Michael McLeod	Fort Pierce/Fort Pierce
Tamika Butts	Fort Pierce/Fort Pierce
Paul Weinstein, Vice-Chair	Port St. Lucie/Port St. Lucie
Ron Brown	Port St. Lucie/Port St. Lucie
Richard Silvestri	Unincorporated/Unincorporated
George MacArthur	Unincorporated/Unincorporated
Bertha Sullivan	Unincorporated/Minority
Bill Lindsey	Unincorporated/Minority
Carolyn Niemczyk, Chair	Port St. Lucie/At Large
Marvin Mendelson	Port St. Lucie/At Large
Vacant	Disabled
Alternate	Resident/Representing
Michael Keleher	Port St. Lucie/Port St. Lucie

Total = 11      Quorum = 6      Current Vacancies = 1

## AGENDA ITEM SUMMARY

Board/Committee:	Citizens Advisory Committee (CAC)
Meeting Date:	March 16, 2021
Item Number:	6b
Item Title:	Public Participation Plan (PPP) 2020 Annual Evaluation
Item Origination:	Unified Planning Work Program (UPWP) and Federal and State requirements
UPWP Reference:	Task 5.1 - Public Participation, Education & Outreach
Requested Action:	Recommend acceptance of the Evaluation, recommend acceptance with conditions, or do not recommend acceptance.
Staff Recommendation:	Because the 2020 PPP Annual Evaluation analyzes the effectiveness of the PPP in improving public access to transportation planning decision-making, it is recommended that the 2020 PPP Annual Evaluation be recommended for acceptance by the TPO Board.

### Attachments

- Staff Report
- Draft 2020 PPP Annual Evaluation



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

## MEMORANDUM

TO: Citizens Advisory Committee (CAC)

THROUGH: Peter Buchwald  
Executive Director

FROM: Marceia Lathou  
Transit Program Manager

DATE: March 9, 2021

SUBJECT: Public Participation Plan (PPP) 2020 Annual  
Evaluation

---

### BACKGROUND

The Unified Planning Work Program (UPWP) includes substantial public involvement efforts within a continuous and ongoing task which includes compliance with all Title VI/Environmental Justice and nondiscrimination requirements. These public involvement efforts are advanced through the Public Participation Plan (PPP) of the St. Lucie Transportation Planning Organization (TPO).

A major update to the PPP was adopted by the TPO Board at its February 5, 2020 meeting. The PPP Major Update called for an annual review of effectiveness in meeting or implementing the PPP outreach strategies. Shortly after the PPP's adoption, the COVID-19 Pandemic disrupted planned public involvement activities nationwide. Nevertheless, the TPO adapted to the challenge and maintained a comprehensive public participation process in 2020.

### ANALYSIS

The 2020 evaluation of the PPP serves as the base year for subsequent annual evaluations. Major outreach efforts during 2020 were the SmartMoves 2045 Long Range Transportation Plan, the Jobs Express Terminal Connectivity Study, and the Title VI Major Update. Online, In-Person, and Environmental

Justice/Title VI performance measures were used to review the effectiveness of outreach for these projects and other efforts. The results of this review quantify public access to transportation planning decision-making.

The 2020 PPP Evaluation is summarized in the attached tables. Due to the Pandemic and the Governor's resulting Executive Order prohibiting in-person gatherings during much of 2020, certain in-person activities were temporarily transitioned to virtual formats. Highlights of the 2020 PPP Evaluation include:

- 11 eblasts sent
- 625 visitors to online interactive maps
- 11,007 Facebook users reached
- 12,012 unique page views of the TPO's website
- 184 email, telephone, or in-person inquiries and comments
- 40 public meetings hosted by the TPO
- 11 presentations by TPO staff at events hosted by other organizations
- 10 workshops, forums, or open houses hosted by the TPO
- Environmental Justice/Title VI participation rate ranging from 34% to 75% for online activities
- Environmental Justice/Title VI participation rate of 19% for in-person activities

Performance targets will be used in the subsequent evaluations of the PPP. Based on analysis of baseline data, consensus of the validity of the target, the ability to set the target beyond past performance, and evidence of the relationship between the target and forecast performance, PPP performance targets for 2021 are proposed which are identified in the attached tables.

### RECOMMENDATION

Because the 2020 PPP Annual Evaluation analyzes the effectiveness of the PPP in improving public access to transportation planning decision-making, it is recommended that the 2020 PPP Annual Evaluation be recommended for acceptance by the TPO Board.

## 2020 Public Participation Plan Annual Evaluation

### Environmental Justice/Title VI Participation\*

Participation Method	Tracking Method	2020 Results for Performance Measures	2021 Targets
Online Activities	Electronic Tracking	10/29 (34%) SmartMoves LRTP workshop EJ/Title VI attendees  6/8 (75%) EJ/Title VI attendees from targeted engagement in zip codes with significant EJ/Title VI populations	5% increase
In-Person Activities	Manual Tracking	71/383 (19%) EJ/Title VI attendees	5% increase

\*Title VI/EJ participation rates are included in parentheses

### Online Activities

Participation Method	Tracking Method	2020 Results for Performance Measures	2021 Targets
Community Engagement Dashboard	Electronic Tracking	1 visitors	400% increase
Eblasts	Electronic Tracking	239 subscribers 42% opens 11 eblasts sent	5% increase
Email	Electronic Tracking	1 response	400% increase
Interactive Maps	Electronic Tracking	625 visitors 136 comments	5% increase
Social Media	Facebook, Twitter, YouTube	11,007 Facebook users reach 10 Twitter mentions	5% increase
Virtual Workshop	Electronic Tracking	29 attendees	5% increase
Website	Electronic Tracking	16,057 page views 12,012 unique page views	5% increase

## 2020 Public Participation Plan Annual Evaluation

### In-Person Activities\*

Participation Method	Tracking Method	2020 Results for Performance Measures	2021 Targets
Mail, Telephone, In-Person	Manual Tracking	180 inquiries	5% increase
Events	Manual Tracking	150 attendees	5% increase
Gallery & Kiosks	Attendance Records, Sign-in Sheets	4 public comments	5% increase
Public events/presentations	Attendance Records, Meeting Summaries, Sign-in Sheets	165 attendees	Maintain
Public Meetings	Attendance Records, Meeting Summaries, Sign-in Sheets	383 attendees	5% increase
Press Releases	Manual Tracking	1 press releases	Not applicable
Radio & Television	Manual Tracking	3 shows/interviews	Not applicable
Workshops, Forums, Open Houses	Attendance Records, Meeting Summaries, Sign-in Sheets	140 attendees	5% increase

\*Some activities listed in the table above are typically conducted in-person. However, due to the Covid-19 Pandemic and the Governor's resulting executive order prohibiting in-person gatherings during much of 2020, certain required activities were temporarily transitioned to virtual formats while numerous outreach activities were cancelled.

## AGENDA ITEM SUMMARY

Board/Committee:	Citizens Advisory Committee (CAC)
Meeting Date:	March 16, 2021
Item Number:	6c
Item Title:	Public Transportation Agency Safety Plan (PTASP) Performance Targets
Item Origination:	Unified Planning Work Program (UPWP) and Federal Requirements
UPWP Reference:	Task 3.2 – Transit Planning
Requested Action:	Recommend adoption of the proposed Targets, recommend adoption with conditions, or do not recommend adoption.
Staff Recommendation:	Because the establishment of transit safety targets for incorporation into the TPO's metropolitan planning process is necessary to benchmark safety performance and to meet Federal requirements, it is recommended that the proposed PTASP performance targets be reviewed and recommended for adoption by the TPO Board.

### Attachments

- Staff Report
- St. Lucie County PTASP Excerpt



Coco Vista Centre  
466 SW Port St. Lucie Blvd, Suite 111  
Port St. Lucie, FL 34953  
772-462-1593 [www.stlucietpo.org](http://www.stlucietpo.org)

## MEMORANDUM

TO: Citizens Advisory Committee (CAC)

THROUGH: Peter Buchwald  
Executive Director

FROM: Marceia Lathou  
Transit Program Manager

DATE: March 9, 2021

SUBJECT: Public Transportation Agency Safety Plan (PTASP)  
Performance Targets

---

### BACKGROUND

The Federal PTASP regulation seeks to improve public transportation safety by guiding transit agencies to more effectively and proactively manage safety risks in their systems. The PTASP rule applies to providers of public transportation that are recipients and sub-recipients of Federal Transit Administration (FTA) Section 5307 funding and that fall under the safety jurisdiction of the FTA. Transit providers must establish safety performance targets to address the safety performance measures identified in the National Public Transportation Safety Plan (NSP). As described in the NSP, transit providers establish safety performance targets in four categories: fatalities, injuries, safety events, and system reliability.

The PTASP rule requires the transit agency that drafted the safety plan to make its safety performance targets available to States and MPOs to aid in the planning process and to coordinate with the States and MPOs in the selection of State and MPO safety performance targets. MPOs must then integrate transit agency performance targets and performance plans into their planning documents, including the Transportation Improvement Program (TIP), by certain dates set in the FTA and Federal Highway Administration planning rules. States, MPOs and transit agencies should coordinate with each other throughout this planning process.



ANALYSIS

St. Lucie County's Community Services Transit Division prepared a PTASP which was transmitted to the St. Lucie TPO on December 14, 2020. Three performance targets were identified in the County's PTASP for Fiscal Year 2020: fatalities, injuries, and safety events.

## FY 2020 PTASP Performance Targets Set by St. Lucie County

Fatalities	0
Injuries	0
Safety Events	reduce the number of reportable safety events from FY 2018 by 50%

Based on the PTASP targets submitted by St. Lucie County, the following PTASP targets are proposed to be adopted by the St. Lucie TPO for Fiscal Year 2020.

## FY 2020 PTASP Performance Targets Proposed by the St. Lucie TPO

Fatalities	0
Injuries	0
Safety Events	3 (FY 2018 Safety Events = 6)

RECOMMENDATION

Because the establishment of transit safety targets for incorporation into the TPO's metropolitan planning process is necessary to benchmark safety performance and to meet Federal requirements, it is recommended that the proposed PTASP performance targets be reviewed and recommended for adoption by the TPO Board.

**Public Transportation Agency**

**Safety Plan**

**Treasure Coast Connector**

**St Lucie County Public**

**Transportation**



**October 2020**

## Section 3. Safety Performance Targets

The following Performance Targets align with the National Public Transportation Safety Plan supporting there are three measures: Fatalities, Injuries, and Safety Events.

1. **Fatalities** (total number of reportable fatalities and rate per total vehicle revenue miles) - A death or suicide confirmed within 30 days of a reported event. It does not include deaths in or on transit property resulting from illness or other natural causes. Reported in National Transit Database (NTD) data sheet S&S-40
2. **Injuries** (total number of reportable injuries and rate per total vehicle revenue miles) – Injury is defined as any damage or harm to persons because of an event that requires immediate medical attention away from the scene. Reported in National Transit Database (NTD) data sheet S&S-40 for major event and SS-50 for non-major event
3. **Safety Events** (total number of reportable events and rate per total vehicle revenue miles) - Safety Event is defined as a collision, derailment, fire, hazardous material spill, an act of nature (Act of God), evacuation, or OSONOC occurring on transit right-of-way, in a transit revenue facility, in a transit maintenance facility, or involving a transit revenue vehicle and meeting established National Transit Database (NTD) thresholds. Reported in National Transit Database (NTD) data sheet S&S-40 for major event and SS-50 for non-major event

In order to establish a baseline for safety performance measures, a trend analysis of system fatalities, injuries and safety events was performed for three years from prior contractor to provide grounded metrics for future comparison and continuous improvement in setting safety performance targets.

Mode of Transit Service	Vehicle Revenue Mile (VRM)	Fatalities Total	Fatalities (Per 100k VRM)	Injuries (Total)	Injuries (Per 100k VRM)	Safety Events (Total)	Safety Events (Per 100k VRM)
FY 18 FR	364,597	0	0	5	1.37	5	1.37
FY 18 DR	532,684	0	0	0	0	1	.19
<b>TOTAL</b>	<b>897,281</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>.55</b>	<b>6</b>	<b>.67</b>
FY17 FR	459,203	0	0	1	.21	2	.44
FY17 DR	533,652	0	0	0	0	1	.19
<b>TOTAL</b>	<b>992,855</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>.30</b>
FY18 FR	521,386	0	0	0	0	1	.19
FY18 DR	546,048	0	0	0	0	1	.18
<b>TOTAL</b>	<b>1,067,434</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>.19</b>

Mode of Transit Service	Vehicle Revenue Mile (VRM)	Fatalities Total	Fatalities (Per 100k VRM)	Injuries (Total)	Injuries (Per 100k VRM)	Safety Events (Total)	Safety Events (Per 100k VRM)
FY20 FR	521,386	0	0	0	0	1	.19
FY20 DR	546,048	0	0	0	0	0	0
<b>TOTAL</b>	<b>1,067,434</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Vehicle revenue miles (VRM) for FY20 are projected to be the same as reported in FY18, totaling 1,067,434 VRM. Performance targets for FY20 are as follows: The total fatalities are projected to be zero for FY20. The total reportable injuries are projected to stay at zero from the previous fiscal year. The total numbers of reportable safety events are projected to reduce by a total of one from the previous report.

FY 2020 Performance Targets Summary	
FY 20 Fatalities	- zero
FY 20 Injuries	- zero
FY 20 Safety Events	-reduce the number of reportable safety events from FY18 by 50%

Safety Performance Target Coordination		
<i>Describe the coordination with the State and Transportation Planning Organization (TPO) in the selection of State and TPO safety performance targets.</i>		
Treasure Coast Connector shares safety performance targets with the St. Lucie Transportation Planning Organization (TPO) and the Florida Department of Transportation (FDOT) annually as part of our continued coordination of transit data. Treasure Coast Connector also coordinates with these agencies to the maximum extent possible in the selection of safety performance targets as required under §673.15(a) and §673.15(b), respectively. This data also includes the Transit Asset Management Plan (TAM) updates and anticipated capital replacement schedules.		
Targets Transmitted to the State	State Entity Name	Date Targets Transmitted
	Florida Department of Transportation	(date) 12/14/2020
Targets Transmitted to the Transportation Planning Organization	Transportation Planning Organization Name	Date Targets Transmitted
	St. Lucie Transportation Planning Organization (St Lucie TPO)	(date) 12/14/2020

## AGENDA ITEM SUMMARY

Board/Committee:	Citizens Advisory Committee (CAC)
Meeting Date:	March 16, 2021
Item Number:	6d
Item Title:	Transportation Alternatives Program (TAP) 2021 Grant Application
Item Origination:	2021 TAP Grant Cycle
UPWP Reference:	Task 3.3 - Transportation Improvement Program
Requested Action:	Recommend endorsement of the TAP grant application, recommend endorsement with conditions, or do not recommend endorsement.
Staff Recommendation:	Based on the inclusion of the project in the 2020/21 TA Priority Project List, it is recommended that the Kestor Drive Sidewalk Project be recommended for endorsement by the TPO Board for the allocation of the TAP funding from the 2021 grant cycle.

### Attachments

- Staff Report
- Kestor Drive Sidewalk Project Application Excerpts

## MEMORANDUM

TO: Citizens Advisory Committee (CAC)

FROM: Peter Buchwald  
Executive Director

DATE: March 10, 2021

SUBJECT: Transportation Alternatives Program (TAP)  
2021 Grant Application

---

### BACKGROUND

The TAP provides funding to the St. Lucie TPO for the following:

- Construction of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized modes;
- Construction 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 of abandoned railroad corridors into trails for pedestrians, bicyclists, or other non-motorized modes;
- Construction of turnouts, overlooks, and viewing areas;
- Community improvement activities including the control/removal of outdoor advertising, preservation/rehabilitation of historic transportation facilities, vegetation management practices in rights-of-way, and archaeological activities relating to impacts from transportation projects;
- Environmental mitigation activities including pollution prevention and abatement activities related to highway construction or runoff and activities that reduce vehicle-caused wildlife mortality; and,
- Recreational Trails and Safe Routes to School Programs.

The funding available for the 2020 TAP grant cycle for the St. Lucie TPO is approximately \$650,000 that will be programmed by the Florida Department of Transportation (FDOT) District 4 in Fiscal Year 2024/25. The TPO Advisory Committees recommend to the TPO Board the endorsement/prioritization of the TAP grant applications received during the grant cycle for submittal to FDOT. Candidate TAP Projects originate from the 2020/21 TA Priority Project List.

### ANALYSIS

A TAP grant application (excerpts attached) was received for the 2021 TAP grant cycle from the City of Port St. Lucie for the Kestor Drive Sidewalk Project which is included in the 2020/21 TA Priority Project List. The project consists of the construction of a six-foot wide sidewalk, over 1.25 miles in length, along the north and east sides of Kestor Drive which will connect to existing sidewalks on Darwin Boulevard and Becker Road as identified in the attached project location map. The project is estimated to cost \$953,917, and the applicant is requesting a total of \$764,053 of TAP grant funding.

### RECOMMENDATION




Based on the inclusion of the project in the 2020/21 TA Priority Project List, it is recommended that the Kestor Drive Sidewalk Project be recommended for endorsement by the TPO Board for the allocation of the TAP funding from the 2021 grant cycle.



# Untitled Map

Write a description for your map.

## Legend

-  Global Learning of Port St Lucie
-  Project
-  SW Kestor Dr

Begin Project

SW Kestor Dr

End Project

Google Earth

© 2020 Google

SW Boatramp Ave

2000 ft







St. Lucie

Transportation  
Planning  
Organization

# 2021 TRANSPORTATION ALTERNATIVES PROGRAM (TAP) Application and Scoping Form

## General Information:

---

Project Title: **Kestor Drive Sidewalk Project**

Name of Applicant (If other than Project Sponsor):

Project Sponsor: **City of Port St Lucie**  
(municipality, county, state, federal agency, or tribal council)

Contact Person: **Daniel Frederick**  
Title: **Special Projects Coordinator**  
Email: **dfrederick@cityofpsl.com**  
Phone Number: **(772)344-4319**

Sponsor Address: **121 SW Port St. Lucie Blvd**  
**Port St Lucie, FL 34984**

## 1 Qualifying TAP Funded Activities:

---

Check the Transportation Alternatives activity the proposed project will address. Please check **one** activity that represents the majority of the work proposed. Eligible activities must be consistent with details described under 23 U.S.C. 133(h).

- Construction of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation, including sidewalks, multi-use paths, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990.
- Construction 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 transportation users
- Construction of turnouts, overlooks, and viewing areas
- Inventory, control, or removal of outdoor advertising
- Historic preservation and rehabilitation of historic transportation facilities
- Vegetation management practices in transportation rights-of-way to improve roadway safety, prevent against invasive species, and provide erosion control
- Archaeological activities relating to impacts from implementation of a transportation project eligible under title 23
- Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation to:
  - address storm water management, control, and water pollution prevention or abatement related to highway construction or due to highway runoff, including activities described in sections 23 U.S.C. 133(b)(3) [as amended under the FAST Act], 328(a), and 329 of title 23; or
  - reduce vehicle-caused wildlife mortality or to restore and maintain connectivity among terrestrial or aquatic habitats

**2 Project Description:**

Road Name: **Kestor Drive**

Road Number:  Local Road  State Road  
 (US, SR, CR, etc.) (Off-System) (On-System)

Project Limits: (to be listed from South to North and/or from West to East as applicable)

Begin/From: **SW Darwin Boulevard**

End/To: **SW Becker Road**

(a) Project Location map (depicting Begin/End limits for proposed project.)

Location map attached. (**Location\_Map.pdf**)  
 (Required)

(b) Project Typical Sections – Typical Sections shall be provided - including existing ROW width and dimensions for all existing and proposed features. Include features that might represent potential conflict such as existing utility poles, lighting, exist. fence, etc.

Existing and proposed typical sections attached (**Typical\_Sections.pdf**)  
 (Required)

Complete the following information with respect of the proposed project:

**Project Typical Section**

**Instructions:** All boxes must be filled in. Blue highlighted boxes require a number. Write "0" in the Existing/Proposed field and check N/A if an item does not apply to the proposed project.

RIGHT-OF-WAY	EXISTING	PROPOSED	N/A
Width (feet) (Existing and Proposed width shall be the same)	80		

**Right-of-Way acquisition is NOT permitted. See Section 2 (c) of this form.**

ROADWAY	EXISTING	PROPOSED	N/A
Number of Travel Lanes	2		
Lane Width (feet)	12		
a. Total Roadway Width (No. Travel Lanes x Lane Width)	24		

**Curb & Gutter to remain:** \_\_\_ yes \_\_\_ no \_\_\_ N/A

b. Bike Lane Width (feet) (Not Including Buffer Width)			N/A
c. Buffer Width (feet)			N/A

**Re-stripe for Bike Lane:** \_\_\_ yes \_\_\_ no  
**Widen for Bike Lane:** \_\_\_ yes \_\_\_ no

Posted Speed Limit	30	30	
Design Speed (if known)			

MEDIAN	EXISTING	PROPOSED	N/A
d. Width (feet)			N/A

SIDEWALK		EXISTING	PROPOSED	N/A
e.	Widen, Left - Width (feet)	0	0	
f.	Widen, Right - Width (feet)	0	0	
	Replace, Left - Width (feet)	0	0	
	Replace, Right - Width (feet)	0	0	

**Material:**

\_\_\_\_\_ concrete      \_\_\_\_\_ asphalt      \_\_\_\_\_ paver  
 \_\_\_\_\_ other (specify) \_\_\_\_\_

SWALE		EXISTING	PROPOSED	N/A
g.	Width (feet)	5		

<b>TOTAL EXISTING / PROPOSED</b>	29	
----------------------------------	----	--

Add (a.) + (b.) + (c.) + (d.) + (e.) + (f.) + (g.)

(c) **Right of Way**

**Right-of-Way acquisition is NOT permitted.**

Acquisition is defined as obtaining property not currently owned by the Local Agency through any means including: Deed, Easement, Dedication, Donation, etc.

No Right-of-Way acquisition is proposed

Describe the project's existing Right-of-Way ownerships. This description shall identify when the Right-of-Way was acquired and how ownership is documented (i.e. plats, deeds, prescriptions, certified surveys, easements). If right-of-way is an easement, please describe the easement language.

The existing right-of-way is owned and maintained by the City of Port St. Lucie as described in the Recorded Plats.

Display the existing ownership with Right-of-Way maps to verify that all proposed work is within existing Right-of-Way currently owned by the Project Sponsor. Provide required right-of-way documentation with the project location highlighted/noted (**Right-of-Way.pdf**): (Required)

- Right-of-Way maps are attached
- Plats, deeds, certified surveys, Land use Agreements, right of use permits and/or easements are attached

**3 Project Scope:**

---

(a) **Project Scope of Work**

Briefly describe the scope of work of the project. Include major items of work to be built.

Construct a 6-foot wide concrete sidewalk along the north and east side of Kestor Drive to an existing sidewalk at SW Darwin Blvd and an existing sidewalk at SW Becker Road.



### Project Scope of Work

**Instructions:** All blue highlighted boxes must be checked Yes or No. Check "N/A" if an item does not apply to the proposed project. Include details and limits for proposed work for each scope section.

ACCESS MANAGEMENT	YES	NO	N/A
Access management revisions			X
Describe Access Management needs: <i>(Required, if yes)</i>			
ADA	YES	NO	N/A
All proposed crosswalks, sidewalks, ramps, etc. comply with ADA standards	X		
Describe existing and proposed ADA items: <i>(Required, if yes)</i>			
All ADA requirements will be met through design and construction of the sidewalk and crosswalks. 2% Cross slopes will be a requirement of the project.			
DRAINAGE/PERMIT	YES	NO	N/A
Existing closed drainage system to remain			X
Existing open drainage system to remain	X		
Describe existing and proposed Drainage/Permit needs: <i>(Required, if yes)</i>			
South Florida Water Management Verification Permit Compliance with the City's National Pollution Discharge Elimination Systems (NPDES) will be met.			
ENVIRONMENTAL	YES	NO	N/A
Project on historical neighborhood		X	
Project on vicinity of a designated park		X	
Endangered species within the project limits		X	
Describe current environmental conditions and how it will be affected by the project: <i>(Required, if yes)</i>			
LANDSCAPE	YES	NO	N/A
Median landscape proposed		X	
Other landscape proposed		X	
Irrigation items proposed		X	
Describe existing and proposed Landscape: <i>(Required, if yes)</i>			
LIGHTING	YES	NO	N/A

Pedestrian lighting proposed		X	
Roadway lighting proposed		X	
Describe existing and proposed Lighting: <i>(Required, if yes)</i>			
<b>RAILROAD</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
Rail crossing within limits			X
Replace all railroad signal equipment and gates			X
Describe existing and proposed roadway improvements: <i>(Required, if yes)</i>			
<b>ROADWAY</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
Milling and resurfacing proposed		X	
Additional travel lanes proposed		X	
Bike lanes proposed		X	
Roadway Widening proposed		X	
New curb and gutter proposed and/or exist. to be replaced		X	
Overbuilt/ roadway reconstruction proposed		X	
Describe existing and proposed roadway improvements: <i>(Required, if yes)</i>			
<b>SCHOOL ZONE</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
Existing flashing school zone signal on state road		X	
High emphasis cross walk at un-signalized crossing	X		
Describe existing and proposed School Zone: <i>(Required, if yes)</i>			
High emphasis crosswalks will be a requirement on this project.			
<b>SIDEWALK</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
New sidewalk proposed	X		
Existing sidewalk to be widened		X	
Existing sidewalk to be replaced		X	
Muti-Use / shared Use path is proposed		X	
Describe existing and proposed Sidewalk: <i>(Required, if yes)</i>			
A proposed 6-foot sidewalk will be constructed			
<b>SIGNALIZATION</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>

Pedestrian signals proposed		X	
New traffic signalization proposed		X	
Existing signalization to be replaced		X	
Describe existing proposed Signalization: <i>(Required, if yes)</i>			
<b>SIGNING AND PAVEMENT MARKINGS</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
Existing signs and pavement markings to be updated due to proposed improvements		X	
New Crosswalks proposed	X		
Special Signs need to be included		X	
Describe existing and proposed Signing and Pavement Markings items: <i>(Required, if yes)</i>			
New Crosswalks will be provided at each sideroad that intersects Kestor Drive along the entire project.			
<b>STRUCTURES / BRIDGES</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
Proposed Pedestrian Bridge on project			X
Bridge widening proposed			X
Describe existing and proposed Bridge elements: <i>(Required, if yes)</i>			
<b>TRANSIT</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
Queue Jump possible		X	
Upgrade existing bus bay area		X	
Transit provider concurrence provided (required)			X
Describe existing and proposed Transit: <i>(Required, if yes)</i>			
<b>UTILITIES</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
Sub-surface relocation is required		X	
Utility coordination is required	X		
Describe Utility involvement: <i>(Required, if yes)</i>			
Design plans will be sent to all utility companies for review.			
<b>OTHER SCOPE ITEMS</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>



Describe Other Scope Items: <i>(Required)</i>			

- (b) Summarize any special characteristics of the project.  
(Please type your description here)
- (c) Identify any upcoming projects or projects currently underway adjacent to the proposed project.
  - No adjacent projects are in construction or planned.
  - Adjacent projects include:
- (d) Other specific project information that should be considered.  
(Please type your description here)

**4 Project Implementation Information:**

Attach documentation as exhibits to this application, where applicable.

- (a) Describe the proposed method of performing (i.e. consultant contract or in-house) and administering each work phase of the project. If it is proposed that the project be administered by a governmental entity other than the Department of Transportation, the Agency must be LAP certified to administer Federal Aid projects in accordance with the Department's **Local Agency Program Manual (topic no. 525-010-300)**. Web site: [www.fdot.gov/programmanagement/LAP/LAP\\_TOC.shtm](http://www.fdot.gov/programmanagement/LAP/LAP_TOC.shtm)
  - Design to be conducted by in-house staff
  - Design to be conducted by FDOT pre-qualified consultant <sup>(1)</sup> <sup>(2)</sup>
  - Design to be conducted by non-FDOT pre-qualified consultant <sup>(2)</sup>
  - CEI to be conducted by in-house staff
  - CEI to be conducted by FDOT pre-qualified consultant <sup>(1)</sup> <sup>(2)</sup>
  - CEI to be conducted by non-FDOT pre-qualified consultant <sup>(2)</sup>

<sup>(1)</sup> FDOT pre-qualified consultants must be used on all design and CEI work for critical projects (a project is considered critical when it is on the State Highway System (SHS), features a major structure, and/or has a budget greater than \$10 million)

<sup>(2)</sup> Design consultant and CEI consultant shall not be the same.

- (b) Describe any public support of the proposed project. (Examples include written endorsement, formal declaration, resolution, public outreach presentations, Sign- in sheets, meeting minutes, flyers, social and/or newsletters)

Public Support Documentation is attached (**Public\_Support.pdf**)

(c) Describe the proposed maintenance responsibilities for the project when it is completed.  
The ownership and maintenance of this sidewalk will be the sole responsibility of the City Of Port St. Lucie.

Resolution from the responsible governing board confirming commitment to fund the project's O&M is attached. (**Resolution.pdf**)

**5 Cost Estimate:**

---

*Federal funds will be used to fund Construction and FDOT in-house support activities. Local Funds (LF) will be used for all non-participating items, contingency activities, Design activities, Construction Engineering and Inspection Activities (CEI), and any costs more than the awarded funding allocation.*

See below for current breakdown:

Reimbursement Thresholds	TAP (based on total project cost)
Minimum	\$ 250,000
Maximum	\$ 1,000,000

(a) Provide detailed project cost estimate. Estimate shall be broken down to eligible and non-eligible project costs. **Estimates are to be prepared and signed by a Professional Engineer from the Local Agency's Engineering office.**

Use the following links to access the basis of estimates manual as well as historical cost information for the project area:

[Basis of Estimates Manual](#)

[Historical Cost Information](#)

A completed Engineer Cost estimate is attached. (*Required*)

Select and complete one of the attached Cost estimates as applicable:

- FDOT\_administered\_Cost\_Estimate.xlsx  
 LAP\_administered\_Cost\_Estimate.xlsx

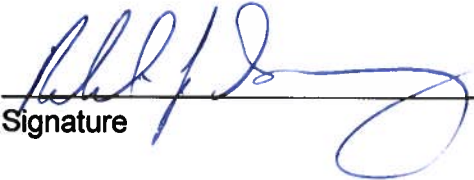


**6 Certification of Project Sponsor:**

I hereby certify that the proposed project herein described is supported by the City of Port St. Lucie and that said entity will:

- (1) provide any funding required in addition to the grant amount;
- (2) enter into a maintenance agreement (*if FDOT administered project*) or into a LAP agreement (*if Agency administered project*) with the Florida Department of Transportation;
- (3) have complied with the Federal Uniform Relocation Assistance and Acquisition Policies Act for any Right of Way actions intended for this project previously performed within the project limits;
- (4) will comply with NEPA process prior to construction, which may involve coordination with the State Historic and Preservation Office (SHPO); and
- (5) support other actions necessary to fully implement the proposed project.

I further certify that the estimated costs included herein are reasonable, and that increases in these costs could cause significant increase to the local agency required participation. I understand failure to follow through on the project once programmed in the Florida Department of Transportation's Work Program is not allowed.

  
Signature

Robert Sweeney, P.E.  
Name (*please type or print*)

Public Works Director  
Title

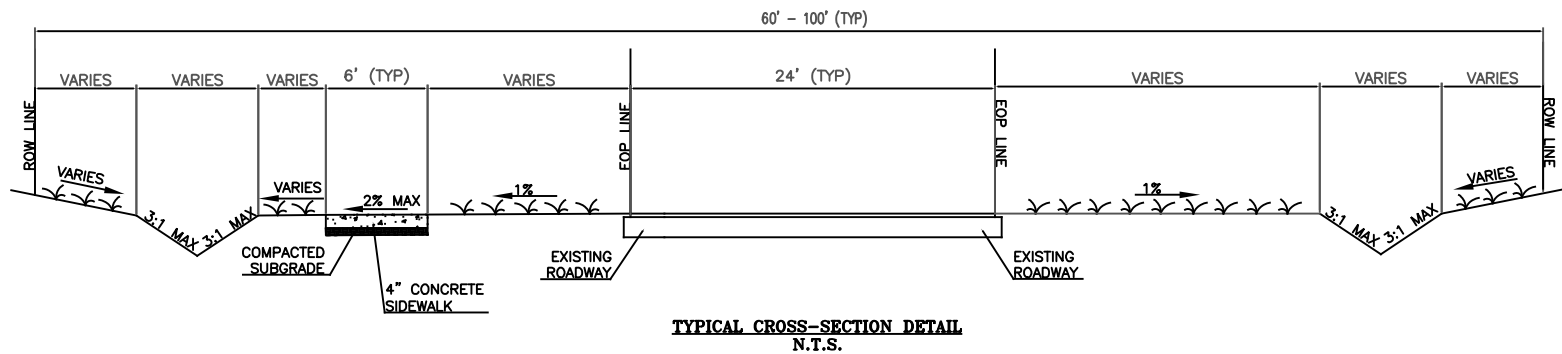
2/1/2021  
Date

FOR FDOT USE ONLY		
Application Complete	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Project Eligible	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Implementation Feasible	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Include in Work Program	<input type="checkbox"/> Yes	<input type="checkbox"/> No



"A City for All Ages"

PUBLIC WORKS DEPARTMENT



TAP Grant Application FY 2021

Kestor Drive Sidewalk Project

Darwin Boulevard to Becker Road

**2021 TRANSPORTATION ALTERNATIVES PROGRAM (TAP)**  
**Engineer's Cost Estimate (Use for Off-System Projects - Administered through LAP)**  
**FM#: XXXX**  
**Project Title: Kestor Drive Sidewalk Project**  
**Date: January 22, 2021**



Pay Item Number*	Pay Item Description*	FHWA Participating				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		
101-1	Mobilization	1	LS	\$ 90,000.00	\$ 90,000.00			\$ -	\$ -	1	\$ 90,000.00
101-1B	Construction Video				\$ -	1	EA	\$1,000.00	\$ 1,000.00	1	\$ 1,000.00
102-1	Maintenance of Traffic	1	LS	\$ 45,000.00	\$ 45,000.00			\$ -	\$ -	1	\$ 45,000.00
104-10-3	Sediment Barrier	6400	LF	\$ 2.10	\$ 13,440.00			\$ -	\$ -	6400	\$ 13,440.00
107-2	Mowing		AC		\$ -	2.5	AC	\$ 500.00	\$ 1,250.00	2.5	\$ 1,250.00
108-1	Record Drawings		LS		\$ -	1	LS	\$ 17,500.00	\$ 17,500.00	1	\$ 17,500.00
110-1-1	Clearing & Grubbing	2.5	AC	\$ 5,000.00	\$ 12,500.00			\$ -	\$ -	2.5	\$ 12,500.00
120-1	Regular Excavation	880	CY	\$ 12.50	\$ 11,000.00			\$ -	\$ -	880	\$ 11,000.00
120-6	Embankment	732	CY	\$ 14.00	\$ 10,248.00			\$ -	\$ -	732	\$ 10,248.00
327-70-1	Milling Existing Asphalt Pavt. 1" Avg. Depth	550	SY	\$ 10.00	\$ 5,500.00			\$ -	\$ -	550	\$ 5,500.00
334-1-11	Superpave Asphalt, Traffic A (1" Avg)	20	TN	\$ 142.82	\$ 2,856.40			\$ -	\$ -	20	\$ 2,856.40
400-1-2	Concrete, Class I, Endwalls	12	CY	\$ 1,245.18	\$ 14,942.16			\$ -	\$ -	12	\$ 14,942.16
425-155-1	Inlets, DT Bottom, Type E, <10'	3	EA	\$ 5,124.54	\$ 15,373.62			\$ -	\$ -	3	\$ 15,373.62
430-174-215	Pipe Culvert, CAP, Elliptical, 12" X 18" SD	552	LF	\$ 88.31	\$ 48,747.12			\$ -	\$ -	552	\$ 48,747.12
430-174-224	Pipe Culvert (Ellip)(24"SD)	24	LF	\$ 65.77	\$ 1,578.48			\$ -	\$ -	24	\$ 1,578.48
430-175-224	Pipe Culvert, RCP, 19" x 30" SD	24	LF	\$ 96.84	\$ 2,324.16			\$ -	\$ -	24	\$ 2,324.16
514-72	Liner Install Only	4000	LF	\$ 4.55	\$ 18,200.00			\$ -	\$ -	4000	\$ 18,200.00
515-2311	Aluminum Bicycle Railing	54	LF	\$ 114.00	\$ 6,156.00			\$ -	\$ -	54	\$ 6,156.00
522-1	Concrete Sidewalk 4" Thick	6000	SY	\$ 45.00	\$ 270,000.00			\$ -	\$ -	6000	\$ 270,000.00
522-2	Concrete Sidewalk 6" Thick	2000	SY	\$ 54.00	\$ 108,000.00			\$ -	\$ -	2000	\$ 108,000.00
527	Detectable Warnings	250	SF	\$ 36.00	\$ 9,000.00			\$ -	\$ -	250	\$ 9,000.00
536-1-1	Guardrail, Roadway	50	LF	\$26.65	\$ 1,332.50			\$ -	\$ -	50	\$ 1,332.50
536-85-26	Guardrail End Anchor Assembly - Type CRT	4	EA	\$ 1,921.86	\$ 7,687.44			\$ -	\$ -	4	\$ 7,687.44
590-70-1	Irrigation Repairs	1	LS	\$ 5,778.25	\$ 5,778.25			\$ -	\$ -	1	\$ 5,778.25
720-20-11	Single Post Sign (F&I)	10	AS	\$ 402.00	\$ 4,020.00			\$ -	\$ -	10	\$ 4,020.00
711-11-111	Thermo White 6" Solid	3000	LF	\$ 1.20	\$ 3,600.00			\$ -	\$ -	3000	\$ 3,600.00
711-11-123	Thermo White 12" Solid	480	LF	\$ 3.30	\$ 1,584.00			\$ -	\$ -	480	\$ 1,584.00
711-11-125	Thermo White 24" Solid	400	LF	\$ 4.17	\$ 1,668.00			\$ -	\$ -	400	\$ 1,668.00
711-11-211	Thermo Yellow 6" Solid	75	LF	\$ 1.55	\$ 116.25			\$ -	\$ -	75	\$ 116.25
1000-1	Utility Coordination					1	LS	\$ 3,500.00	\$ 3,500.00	1	\$ 3,500.00
1080-A	Utility Fixture Adjustments (Valves)					15	EA	\$ 370.66	\$ 5,559.90	15	\$ 5,559.90
1080-D	Utility Adjustments (Water Main Deflection)					1	EA	\$ 3,000.00	\$ 3,000.00	1	\$ 3,000.00
1080-E	Utility Adjustments (Water Meter)					5	EA	\$ 250.00	\$ 1,250.00	5	\$ 1,250.00
1644-800	Fire Hydrant Relocate	5									
Landscape											
570-1-2	Performance Sod	6500	SY	\$ 3.15	\$ 20,475.00			\$ -	\$ -	6500	\$ 20,475.00
					\$ -			\$ -	\$ -	0	\$ -
					\$ -			\$ -	\$ -	0	\$ -
					\$ -			\$ -	\$ -	0	\$ -
					\$ -			\$ -	\$ -	0	\$ -

Funds for Construction (Phase 58)				\$ 731,127.38	Local Funds for Construction (Phase 58)	\$ 33,059.90	Subtotal	\$ 764,187.28		
FDOT IN-HOUSE DESIGN SUPPORT (Phase 31) (REQUIRED)	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 (Phase 61) (REQUIRED)	1	LS	\$5,000	\$ 5,000.00						
ADDITIONAL FDOT IN-HOUSE CONSTRUCTION SUPPORT FOR CRITICAL PROJECTS	0	LS	\$2,000	\$ -						
LOCAL FUNDS FOR DESIGN	Local Agency Design Work is not a FHWA Participating Item				1	LS	\$ -	\$ -		
CONTINGENCY (Phase 58) (REQUIRED)	Contingency is not a FHWA Participating Item				1	LS	20%	\$ 152,837.46		
TRANSIT RELATED PROJECTS (10% FTA ADMINISTRATIVE FEE)	Administrative Fee is not a FHWA Participating Item				0	LS	10%	\$ -		
CONSTRUCTION ENGINEERING & INSPECTION ACTIVITIES (CEI) (Phase 68)					1	LS	12%	\$ 3,967.19		
FDOT OVERSIGHT CEI (3% OF TOTAL CONSTRUCTION COST ESTIMATE) (Phase 62) (REQUIRED)	1	LS	3%	\$ 22,925.62	FDOT In-House Support must be included as an FHWA Participating Item					
	Subtotal FHWA Participating				\$ 764,053.00	Subtotal FHWA Non-Participating		\$ 189,864.54	Total Construction Cost Estimate	\$ 953,917.54

\*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...  
- Contingency

Other elements may be 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 District Four Local Program Unit.

Prepared by: Diana Spriggs, P.E. PE Number: 74638  
Signature: *[Signature]* Date: 2/1/2021

Reviewed by: Robert Sweeney, P.E.  
Signature: *[Signature]* Date: 2/1/2021

Approved by (Agency Responsible Charge): Robert Sweeney, P.E.  
Signature: *[Signature]*

## AGENDA ITEM SUMMARY

Board/Committee: Citizens Advisory Committee (CAC)

Meeting Date: March 16, 2021

Item Number: 6e

Item Title: Transportation Regional Incentive Program (TRIP) 2021 Grant Application

Item Origination: 2021 TRIP Grant Cycle

UPWP Reference: Task 5.1 – Models of Regional Planning Cooperation

Requested Action: Recommend endorsement of the TRIP grant application, recommend endorsement with conditions, or do not recommend endorsement.

Staff Recommendation: Based on the project being a highly-ranked TPO and regional project and nearly shovel-ready for construction, it is recommended that the TRIP grant application for the Port St. Lucie Boulevard Project be recommended to the TPO Board for endorsement.

### Attachments

- Staff Report
- Port St. Lucie Boulevard Project TRIP Application Excerpts



Coco Vista Centre  
466 SW Port St. Lucie Blvd, Suite 111  
Port St. Lucie, Florida 34953  
772-462-1593 [www.stlucietpo.org](http://www.stlucietpo.org)

## MEMORANDUM

TO: Citizens Advisory Committee (CAC)

FROM: Peter Buchwald  
Executive Director

DATE: March 10, 2021

SUBJECT: Transportation Regional Incentive Program (TRIP)  
2021 Grant Application

---

### BACKGROUND

In 2005, TRIP was created by Florida legislation for the purpose of providing State funding to improve regionally-significant transportation facilities, including transit facilities, located in regional transportation areas. In 2006, the Treasure Coast Transportation Council (TCTC), consisting of two members each from the St. Lucie TPO and the Indian River and Martin Metropolitan Planning Organizations (MPOs), was created as a regional transportation area to pursue TRIP funds for the Treasure Coast Region.

TRIP will pay for up to 50 percent of the non-federal share of the project or phase costs of transit projects and up to 50 percent of the total project or phase costs of other types of projects. Projects considered for TRIP funding must be identified as Regional Needs in the 2040 Treasure Coast Regional Long Range Transportation Plan (RLRTP). The TCTC prioritizes and selects projects for TRIP funding that are submitted by the Treasure Coast MPOs.

It is anticipated for the TCTC to prioritize the TRIP applications for the 2021 grant cycle at its meeting in April. The TPO Advisory Committees are requested to recommend to the TPO Board for submittal to the TCTC the prioritization or endorsement of the TRIP grant applications that are received from the local agencies in the TPO area.

## ANALYSIS

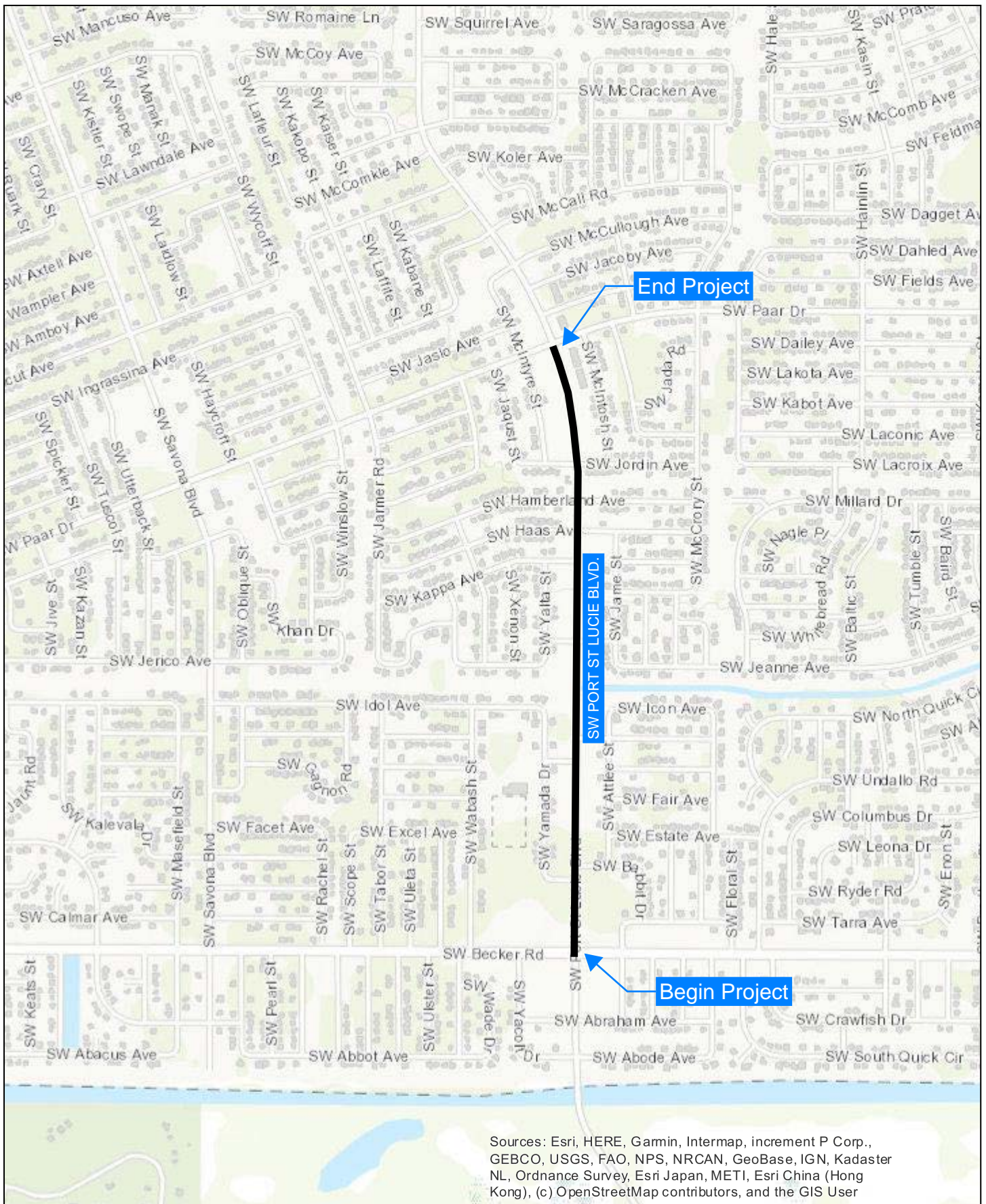
A TRIP application (excerpts attached) was submitted for the 2021 TRIP grant cycle by the City of Port St. Lucie for the construction of Port St. Lucie Boulevard from Becker Road to Paar Drive. The proposed project is the third-ranked project in the TPO's 2020/21 List of Priority Projects and is prioritized in the SmartMoves 2045 Long Range Transportation Plan. The proposed project consists of the widening of the existing two-lane section to four lanes with the addition of 10-foot wide multi-use paths and 5-foot wide landscape strips on both sides of the roadway.

With the design of the project underway and the acquisition of right-of-way programmed, the project will be "shovel-ready" for construction at the time of the completion of the widening of Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard which will start in this upcoming fiscal year. The estimated cost for the construction of the project is \$16.4 million with the City requesting \$8.2 million from the 2021 TRIP grant cycle.

## RECOMMENDATION

Based on the project being a highly-ranked TPO and regional project and nearly shovel-ready for construction, it is recommended that the TRIP grant application for the Port St. Lucie Boulevard Project be recommended to the TPO Board for endorsement.



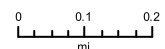


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User



# 2021 TRIP Application

Port St. Lucie Blvd, - Becker Rd to Paar Dr



1 inch = 1,505 feet

## Transportation Regional Incentive Program (TRIP) Project Scoping Application

TRIP was created to improve regionally significant transportation facilities in “regional transportation areas.” State funds are available throughout Florida to provide incentives for local governments and the private sector to help pay for critically needed projects that benefit regional travel and commerce.

**If selected for funding, the Florida Department of Transportation (FDOT) will pay for up to 50 percent of project/phase costs, or up to 50 percent of the non-federal share of project/phase costs for public transportation facility projects.**

While there is no rigid application procedure, the Department has created this application to facilitate the assembly of pertinent project information by implementing agencies and Regional Transportation Areas related to candidate TRIP projects. The goal of this document is to provide a framework to project sponsors.

**Regional Transportation Area:** SEFTC  or TCTC  (Check one)

### **Implementing Local Agency:**

Local Agency: St. Lucie TPO/Florida Department of Transportation District 4

Address: 466 SW Port St. Lucie Boulevard, Suite 111, Port St. Lucie, Florida 34953

3400 West Commercial Boulevard, Fort Lauderdale, Florida 33309

Project Manager: Peter Buchwald / Vandana Nagole, P.E.

Phone: (772) 462-1593 / (954) 777-4281

E-mail: [buchwaldp@stlucieco.org](mailto:buchwaldp@stlucieco.org) / [Vandana.nagole@dot.state.fl.us](mailto:Vandana.nagole@dot.state.fl.us)

Funding allocations for FY 26/27 is unknown until programming cycle in Fall 2021.

While the Department strives to statutorily divide the funding between the two regional transportation areas, programming will be subject to updating existing project cost estimates, the number of submitted eligible applications, and their associated cost estimates.



**Project Information:**

Project Name: Port St. Lucie Boulevard from Becker Road to Paar Drive

County Location: St. Lucie

Facility (must be on the regional priority list of the respective regional transportation area):

2020/21 St. Lucie TPO LOPP: #3, Port St. Lucie Boulevard, Becker Road to Paar Drive

Road number (if applicable): N/A

Project limits (include begin/end limits): Becker Road to Paar Drive

A location map with an aerial view is attached (Location\_Map.pdf)

Scope of work to be performed or capital equipment to be purchased, please include the typical section: (for transit project include quantities and cost per item, i.e. bus, train, passenger shelters, benches etc...):

The project scope of work consists of widening the roadway from 2 to 4 lanes, adding a landscaped median, sidewalks, lighting, signalization, curb and gutter drainage, and a bridge replacement.

A more detailed scope of work is attached. (Use attached Scope.doc)

Typical section is attached (Typical\_Section.pdf)

Explain how the project enhances the regional transportation system.

The project enhances the regional transportation system by increasing the safety and the multimodal capacity of the system with the addition of two vehicle lanes and pedestrian and bicycle facilities, where currently there are none, and addressing what is identified to be a “Relative Urgency” in the 2040 Treasure Coast Regional Long Range Transportation Plan (2040 TCRLRTP).

Is the project consistent with:

- Long Range Transportation Plan
- Transit Development Plan
- Transportation Improvement Plan
- Local Comprehensive Plan(s)

Please provide the priorities and identify the page numbers for each below:

The project will alleviate the future traffic congestion by adding vehicle lanes and will improve safety by adding a median and multimodal infrastructure. The Treasure Coast Regional Planning Model Version 4 identifies the segment with a failing level of service in the future (Go2040 Long Range Transportation Plan (LRTP), Page 3-3). The project also is identified as a Cost Feasible Plan Project in the Go2040 LRTP (Page 6-5). In the 2040 TCRLRTP, the project is identified as a Regional Need (Page 6-2) and the 11<sup>th</sup>-ranked Regional Transportation Project (Page vii/Appendix H). In addition, the project is identified in the FY 2014/15 – FY 2023/24 Transit Development Plan (Page 104), FY 2020/21 – FY 2024/25 Transportation Improvement Program (Page C 1-31), St. Lucie TPO 2020/21 List of Priority Projects, and the adopted comprehensive plans of St. Lucie County and the City of Port St. Lucie as an Urban Principal Arterial critical to facilitating the north-south movement of regional traffic.

Describe how the project will improve regional mobility within the Regional Transportation Area:

(For example, describe how this transit project facilitates the intermodal or multimodal movement of people and/or goods.)

The project will improve the regional mobility within the Regional Transportation Area by increasing the multimodal capacity of the corridor which extends through the most populous area of the region into Martin County and which provides connections to and/or serves as parallel facilities for U.S. Highway 1, Florida's Turnpike, and I-95. Travel demand modeling completed for the 2040 TCRLRTP confirmed that Port St. Lucie Boulevard will reduce congestion on these parallel facilities by attracting more traffic from the regional system when it is widened, and the congested speeds for the regional system will be improved when Port St. Lucie Boulevard is widened compared to the baseline.

Illustrate how the project reflects the statutory (339.2819) guidelines under which the District will prioritize and select candidate projects for funding:

- Provide connectivity to the SIS
- Support economic development and goods movement in rural areas of opportunity
- Are subject to local ordinances that establish corridor management techniques
- Improve connectivity between military installations and the Strategic Highway Network (STRAHNET) or the Strategic Rail Corridor Network (STRACNET)

The widening of Port St. Lucie Boulevard will enhance the connectivity to the Strategic Intermodal System with its connections to I-95 at the Becker Road Interchange and to Florida's Turnpike at SR-716. The project will provide connectivity to the regional system with its connection to U.S. Highway 1 and Indian River County at its north end and Citrus Boulevard and Martin County at its south end. This enhanced connectivity will significantly contribute to the growth and sustainability of the region by expanding multimodal access to residential properties, shopping centers, schools, and recreational facilities as identified in the Project Development & Environment Study (PD&E) completed by FDOT for the project.

How will TRIP funding accelerate the project's implementation?

Construction of the project is currently unfunded. TRIP funding will allow for the construction to be funded in FY2026/27 and for the construction of the project to follow construction of the segment from Paar Drive to Alcantarra Boulevard, which is scheduled for construction in FY2024/25.

Provide detailed project cost estimates for each phase requested (required). Construction estimates shall be broken down to FDOT typical pay items to allow for verification of eligible project costs. Estimates are to be prepared and signed by a Professional Engineer from the Local Agency’s Engineering office. Each phase requested (ie, design, right-of-way, construction, CEI) requires a 50% local agency match. **Right-of-Way acquisition is NOT permitted on projects the Department is delivering on behalf of the local agency when TRIP funds are matched with local funds. Right-of-way acquisition is permitted on projects the Department is delivering when TRIP funds are matched with SU funds. Right-of-Way acquisition is permitted on Off-system projects in which the local agency is delivering the project.**

For transit projects include a budget in accordance with FTA guidance for the Section 5307 Program consistent with FTA C 9030.1.

A detailed cost estimate is attached (use attached Estimate.xlsx)

Describe source of matching funds per phase requested and any restrictions on availability. Each phase requested (ie, design, right-of-way, construction, CEI) requires at least a 50% local agency match. Each phase requested shall be separated by at least 2 fiscal years (the Department’s fiscal year runs from July to June).

The St. Lucie TPOs STBG(SU) funds will be used as a match without restrictions as follows:

Phases requested:	FY requested	FDOT Amount requested	Local Match
<input type="checkbox"/> Design	_____	_____	_____
<input type="checkbox"/> Right of Way	_____	_____	_____
<input checked="" type="checkbox"/> Construction	<u>FY 2026/27</u>	<u>\$8,204,500</u>	<u>\$8,204,500</u>
<input type="checkbox"/> CEI	_____	_____	_____

**Project Qualification Information:**

- Will this project affect any historic property that is included or eligible for inclusion in the National Register of Historic Places? If so, has the Division of Historical Resources been given a chance to comment on the project?

No.

- Will this project involve the demolition or substantial alteration of a historic property in a way which adversely affects the character, form, integrity, or other qualities which contribute to the historical, architectural, or archaeological value of the property? If so, timely steps must be taken to determine that no feasible and prudent alternative to demolition or substantial alteration exists, and, where no such alternative exists, timely steps must be taken to mitigate the adverse effects or to undertake an appropriate archaeological salvage excavation or other recovery action to document the property as it existed prior to demolition or alteration.

No.

Please note. If federal funding or a federal permit will be involved, then the requirements of the National Historic Preservation Act of 1966 (as amended) and 36 Code of Federal Regulations Part 800 apply.

The Department's process for complying with federal and state historic preservation requirements is found in the Project Development and Environment Manual; Part 2, Chapter 8 (Archeological and Historical Resources). If the local agency does not have its own process, we recommend they use the Department's.

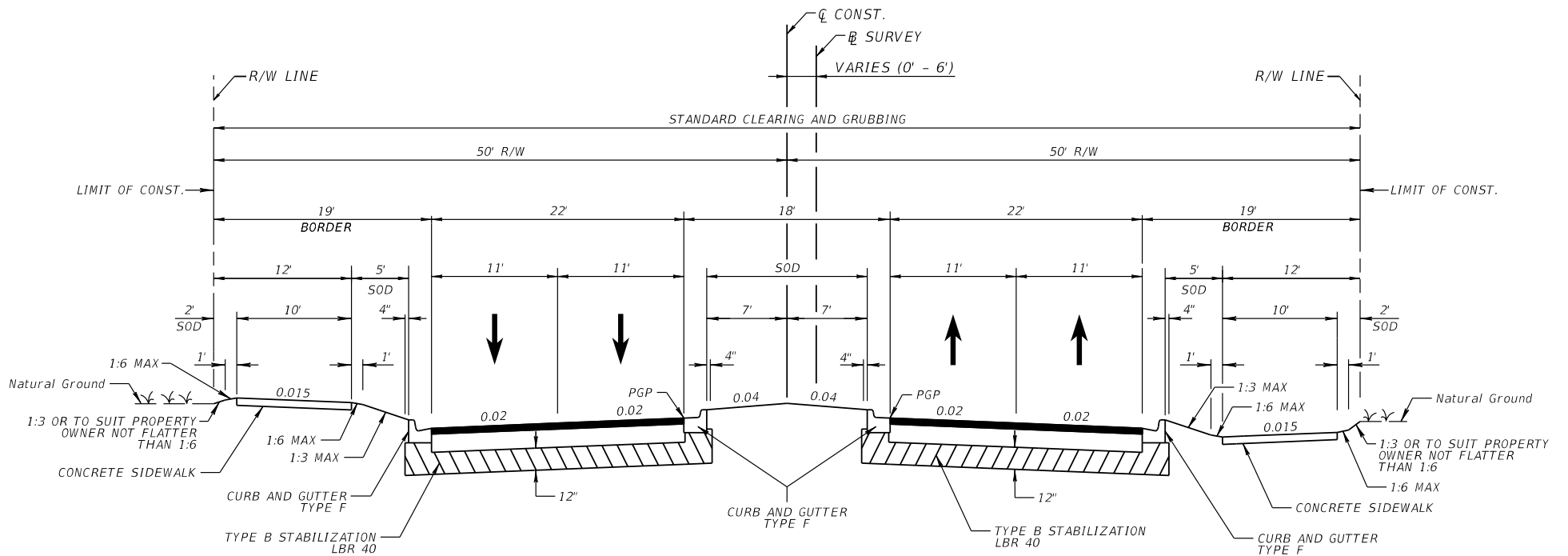
- Describe the project's existing Right-of-Way ownerships. This description shall identify when the Right-of-Way was acquired and how ownership is documented (i.e. plats, deeds, prescriptions, certified surveys, easements).

Any needed right-of-way for the project currently is being acquired by FDOT (FM# 431752-3).

**Please transmit a Regional Prioritize List, with the Project Applications and any additional supporting information and documentation to your respective TRIP Coordinator.**

This document has been developed at an overview level; please refer to the FDOT Office of Policy Planning website (<http://www.fdot.gov/planning>) or contact Sabrina Aubery, FDOT District 4 TRIP Coordinator for detailed program requirements.

# Port St. Lucie Boulevard Becker Road to Paar Drive Typical Section



SW PORT ST. LUCIE BLVD.  
DESIGN SPEED = 45 MPH  
POSTED SPEED = 40 MPH





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

## AGENDA ITEM SUMMARY

Board/Committee: Citizens Advisory Committee (CAC)

Meeting Date: March 16, 2021

Item Number: 7a

Item Title: St. Lucie Walk-Bike Network (WBN) 2021 Update and Crosswalk Markings Visibility Inventory

Item Origination: Unified Planning Work Program (UPWP)

UPWP Reference: Task 3.5 – Bicycle-Pedestrian/Complete Streets Planning  
Task 3.7 – Safety and Security Planning

Requested Action: Discuss and provide comments

Staff Recommendation: It is recommended that the St. Lucie WBN 2021 Update and Crosswalk Markings Visibility Inventory be reviewed and comments be provided.

### Attachments

- Staff Report
- Draft St. Lucie Walk-Bike Network 2021 Update
- Draft Crosswalk Markings Visibility Inventory



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

## MEMORANDUM

TO: Citizens Advisory Committee (CAC)

THROUGH: Peter Buchwald  
Executive Director

FROM: Yi Ding  
Transportation Systems Manager

DATE: March 9, 2021

SUBJECT: St. Lucie Walk-Bike Network (WBN) 2021 Update and  
Crosswalk Markings Visibility Inventory

---

### BACKGROUND

The St. Lucie Walk-Bike Network (WBN) was updated in 2018. Since then, a number of pedestrian and bicycle facilities have been constructed in the TPO area, and many more pedestrian and bicycle facility improvement projects have been programmed in the TPO's Transportation Improvement Program (TIP) and newly-adopted SmartMoves 2045 Long Range Transportation Plan (LRTP).

In order to improve the visibility of pedestrians at the crosswalk intersections and to reduce fatalities pursuant to the TPO's Vision Zero commitment, a Crosswalk Markings Visibility Inventory was established in the Unified Planning Work Program (UPWP).

### ANALYSIS

Geographic information about pedestrian and bicycle facilities is maintained and updated by TPO staff and the local agencies. The TPO staff gather the geographic information from the local agencies and update the WBN based on the TIP, LRTP, and other projects identified by the TPO and the municipalities. In addition, the TPO staff performs desktop analyses, field reviews, and drone

flyovers to verify and document progress of the construction of WBN projects. The attached WBN Update Map indicates that the WBN increased by 34 miles of facilities constructed between 2018 and 2021. In addition, the WBN currently includes 33 miles of projects funded for construction between 2021 and 2025 and 40 miles of project funded between 2026 and 2045.

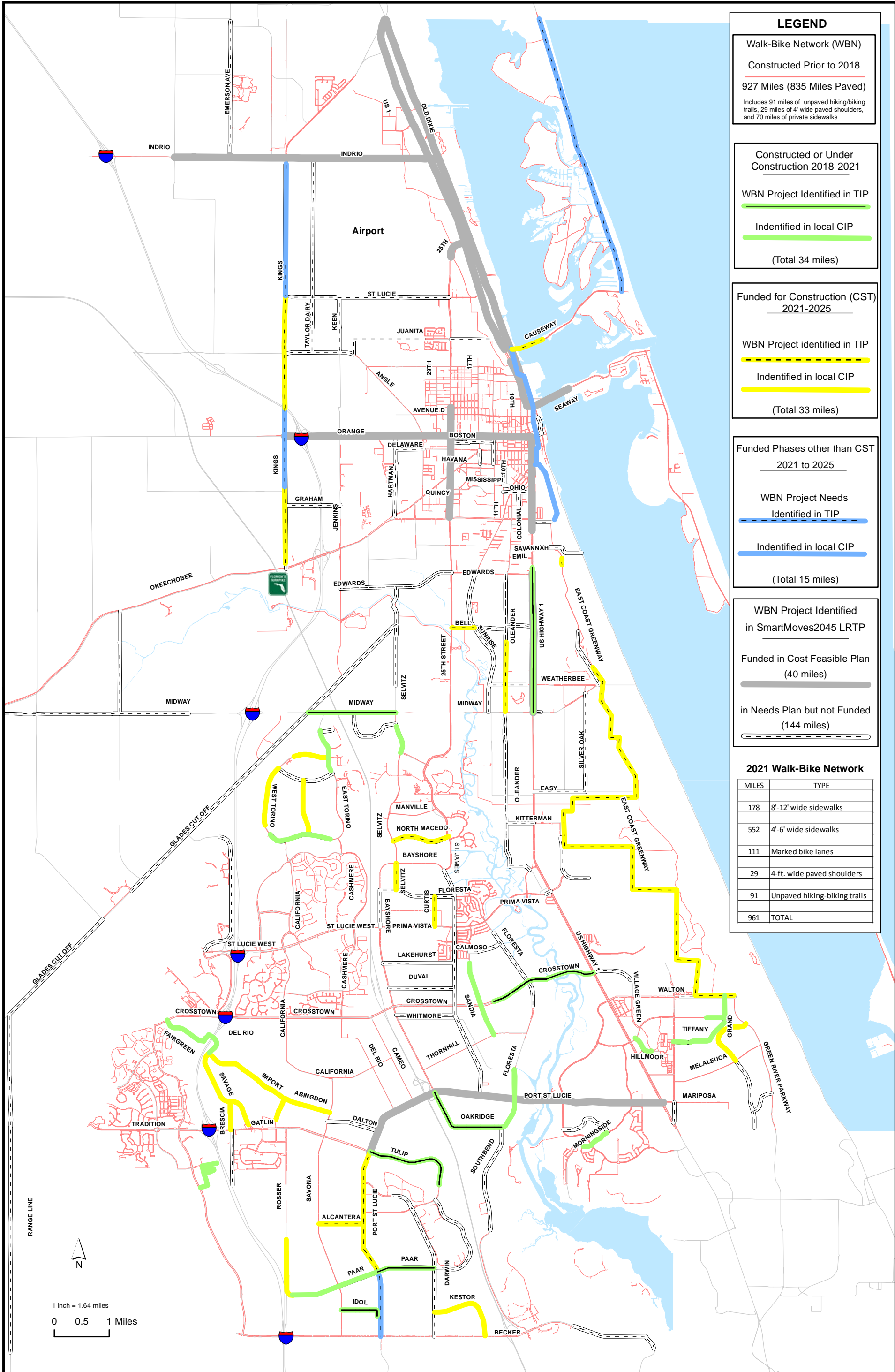
The Signal 4 Analytics toolset and Geographic Information System (GIS) are utilized to identify a total of 57 intersections on the St. Lucie WBN with multiple pedestrian/bicycle crashes within the TPO area. The TPO staff then performs desktop analyses by using drone footage and Google Street View to collect and document the condition of each crosswalk marking.

The condition of the markings at the crosswalks was determined qualitatively. The markings at a crosswalk were identified to be in bad condition if the majority of the markings were deteriorated, identified to be in fair condition if less than the majority of the markings were deteriorated, and identified to be in good condition if little or none of the markings were deteriorated. Based on this methodology, there are 7 cross markings in bad condition, 12 in fair condition, and 38 in good condition as identified in the attached inventory.

## RECOMMENDATION

It is recommended that the St. Lucie WBN 2021 Update and Crosswalk Markings Visibility Inventory be reviewed and comments be provided.

# St. Lucie Walk-Bike Network 2021 DRAFT



## LEGEND

Walk-Bike Network (WBN)  
 Constructed Prior to 2018  
 927 Miles (835 Miles Paved)  
 Includes 91 miles of unpaved hiking/biking trails, 29 miles of 4' wide paved shoulders, and 70 miles of private sidewalks

Constructed or Under Construction 2018-2021  
 WBN Project Identified in TIP  
 Identified in local CIP  
 (Total 34 miles)

Funded for Construction (CST) 2021-2025  
 WBN Project identified in TIP  
 Identified in local CIP  
 (Total 33 miles)

Funded Phases other than CST 2021 to 2025  
 WBN Project Needs Identified in TIP  
 Identified in local CIP  
 (Total 15 miles)

WBN Project Identified in SmartMoves2045 L RTP  
 Funded in Cost Feasible Plan (40 miles)  
 in Needs Plan but not Funded (144 miles)

## 2021 Walk-Bike Network

MILES	TYPE
178	8'-12' wide sidewalks
552	4'-6' wide sidewalks
111	Marked bike lanes
29	4-ft. wide paved shoulders
91	Unpaved hiking-biking trails
961	TOTAL

## DRAFT Crosswalk Markings Visibility Inventory

Intersection	Bike/Ped Crashes 2016-2020	City	State Highway System	Intersection Type	Cross Marking Type	Cross Marking Condition
AVENUE D & N 13TH ST	2	Fort Pierce	No	Cross-Intersection	Solid	Good
AVENUE G & N 23RD ST	3	Fort Pierce	No	Cross-Intersection	Standard	Bad
CROSTOWN PKWY & AIROSO BLVD	2	Port St Lucie	No	Cross-Intersection	Solid	Good
CROSTOWN PKWY & BAYSHORE BLVD	2	Port St Lucie	No	Cross-Intersection	Solid	Good
CROSTOWN PKWY & CALIFORNIA BLVD	3	Port St Lucie	No	Cross-Intersection	Solid	Good
CROSTOWN PKWY & CASHMERE BLVD	4	Port St Lucie	No	Cross-Intersection	Solid	Good
DEL RIO BLVD & CALIFORNIA BLVD	2	Port St Lucie	No	Cross-Intersection	Ladder	Good
DELAWARE AVE & S 13TH ST	2	Fort Pierce	No	Cross-Intersection	Standard	Bad
DELAWARE AVE & S 6TH ST	2	Fort Pierce	No	Cross-Intersection	Standard	Good
EDWARDS RD & OLEANDER AVE	2	Unincorporated	No	Cross-Intersection	Continental	Bad
GATLIN BLVD & SAVONA BLVD	4	Port St Lucie	No	Cross-Intersection	Ladder	Good
GATLIN BLVD & VILLAGE PKWY	2	Port St Lucie	No	Cross-Intersection	Ladder	Good
LENNARD RD & SE MARIPOSA AVE	2	Port St Lucie	No	Cross-Intersection	Ladder	Good
LENNARD RD & SE WALTON RD	3	Port St Lucie	No	Cross-Intersection	Continental	Good
LYNGATE DR & MORNINGSIDE BLVD	2	Port St Lucie	No	Cross-Intersection	Continental	Good
ORANGE AVE & 17TH ST	3	Fort Pierce	Yes	Cross-Intersection	Standard	Good
ORANGE AVE & ALMA CT	2	Fort Pierce	Yes	T-Intersection	Solid	Good
ORANGE AVE & N 12TH ST	2	Fort Pierce	Yes	T-Intersection	Solid	Good
ORANGE AVE & N 22ND ST	2	Fort Pierce	Yes	T-Intersection	Standard	Good
ORANGE AVE & S 13TH ST	2	Fort Pierce	Yes	Cross-Intersection	Standard	Bad
ORANGE AVE & S 5TH ST	2	Fort Pierce	Yes	Cross-Intersection	Solid	Good
ORANGE AVE & S 8TH ST	2	Fort Pierce	Yes	T-Intersection	Solid	Good
PORT ST LUCIE BLVD & AIROSO BLVD	3	Port St Lucie	Yes	Cross-Intersection	Standard	Fair
PORT ST LUCIE BLVD & BAYSHORE BLVD	4	Port St Lucie	Yes	Cross-Intersection	Ladder	Good
PORT ST LUCIE BLVD & DARWIN BLVD	4	Port St Lucie	No	Cross-Intersection	Continental	Good
PORT ST LUCIE BLVD & GATLIN BLVD	6	Port St Lucie	No	Cross-Intersection	Standard	Good
PORT ST LUCIE BLVD & VETERANS MEMORIAL PKWY	3	Port St Lucie	Yes	Cross-Intersection	Standard	Good
PRIMA VISTA BLVD & AIROSO BLVD	2	Unincorporated	No	Cross-Intersection	Ladder and Standard	Bad
PRIMA VISTA BLVD & IRVING ST	2	Port St Lucie	No	Cross-Intersection	Ladder	Good



## Crosswalk Markings Visibility Inventory

Intersection	Bike/Ped Crashes	City	State Highway System	Intersection Type	Cross Marking Type	Cross Marking Condition
S 25TH ST & DELAWARE AVE	2	Fort Pierce	Yes	Cross-Intersection	Ladder	Fair
S 25TH ST & EDWARDS RD	2	Unincorporated	Yes	Cross-Intersection	Standard	Fair
S 25TH ST & FRIST BLVD	2	Fort Pierce	Yes	T-Intersection	Standard	Good
S 25TH ST & ORANGE AVE	2	Fort Pierce	Yes	Cross-Intersection	Ladder	Good
ST LUCIE WEST BLVD & BAYSHORE BLVD	5	Port St Lucie	No	Cross-Intersection	Ladder	Good
ST LUCIE WEST BLVD & BETHANY DR	4	Port St Lucie	No	Cross-Intersection	Continental	Fair
ST LUCIE WEST BLVD & CALIFORNIA BLVD	2	Port St Lucie	No	Cross-Intersection	Continental	Bad
ST LUCIE WEST BLVD & CASHMERE BLVD	2	Port St Lucie	No	Cross-Intersection	Continental	Fair
ST LUCIE WEST BLVD & COUNTRY CLUB DR	2	Port St Lucie	No	Cross-Intersection	Continental	Good
ST LUCIE WEST BLVD & NW KINGS ISLE BLVD	3	Port St Lucie	No	Cross-Intersection	Ladder and Continental	Fair
ST LUCIE WEST BLVD & PEACOCK BLVD	3	Port St Lucie	No	Cross-Intersection	Continental	Fair
STERRET CIR & TUNIS AVE & DARWIN BLVD	2	Port St Lucie	No	Cross-Intersection	Ladder and Standard	Fair
US-1 & AVENUE D	5	Fort Pierce	Yes	Cross-Intersection	Landder	Bad
US-1 & Crosstown Pkwy	3	Port St Lucie	Yes	Cross-Intersection	Standard	Good
US-1 & DELAWARE AVE	2	Fort Pierce	Yes	Cross-Intersection	Continental	Fair
US-1 & EDWARDS RD	2	Fort Pierce	Yes	Cross-Intersection	Ladder	Good
US-1 & KITTERMAN RD	2	Unincorporated	Yes	Cross-Intersection	Standard	Good
US-1 & ORANGE AVE	2	Fort Pierce	Yes	Cross-Intersection	Continental and Solid	Good
US-1 & PRIMA VISTA BLVD	3	Unincorporated	Yes	Cross-Intersection	Standard	Good
US-1 & RIOMAR DR	2	Unincorporated	Yes	T-Intersection	Standard	Good
US-1 & SAVANNA CLUB BLVD	2	Unincorporated	Yes	Cross-Intersection	Standard	Good
US-1 & SE JENNINGS RD	2	Port St Lucie	Yes	Cross-Intersection	Standard	Fair
US-1 & SE PORT ST LUCIE BLVD & CANE SLOUGH RD	3	Port St Lucie	Yes	Cross-Intersection	Ladder	Good
US-1 & SE TIFFANY AVE & SE LYNGATE DR	2	Port St Lucie	Yes	Cross-Intersection	Standard	Fair
US-1 & ST LUCIE BLVD	3	Unincorporated	Yes	Cross-Intersection	Standard	Fair
US-1 & VIRGINIA AVE	3	Fort Pierce	Yes	T-Intersection	Continental	Good
US-1 & W WEATHERBEE RD	2	Fort Pierce	Yes	Cross-Intersection	Ladder	Good
VIRGINIA AVE & COLONIAL RD	2	Fort Pierce	Yes	T-Intersection	Standard	Good