



RESCHEDULED BOARD MEETING

Wednesday, December 16, 2015, 10:00 am

AGENDA

1. **Call to Order**
2. **Pledge of Allegiance**
3. **Roll Call**
4. **Approval of Minutes**
 - *October 7, 2015 Regular Board Meeting*
5. **Comments from the Public**
6. **Comments from Advisory Committee Members (TAC/CAC/BPAC)**
7. **Approval of Agenda**
8. **Consent Agenda**
 - 8a. **2016 Meeting Dates:** Approval of the proposed 2016 meeting dates of the TPO Board.

Action: Approve or disapprove.
 - 8b. **Appointment to the Bicycle-Pedestrian Advisory Committee (BPAC):** Appointment of a Resident Bicycling Representative to the BPAC to fill a vacancy.

Action: Appoint or do not appoint.
9. **Action Items**
 - 9a. **Annual Officer Elections and Appointments:** Election of a Chairperson and Vice-Chairperson and appointments of members to various committees.

Action: Elect a Chairperson and Vice-Chairperson and confirm appointments of members to the committees.
 - 9b. **Go2040 Long Range Transportation Plan (Go2040 LRTP) Cost Feasible Plan (CFP):** Review and adoption of the Go2040 LRTP CFP which includes the planning allocation of Federal Funds from the Federal Highway Administration for the Port St. Lucie Urbanized Area.

Action: Adopt the Go2040 LRTP CFP, adopt with conditions, or do not adopt.

9c. Bicycle Rack Plan: Review and adoption of a Bicycle Rack Plan for the St. Lucie TPO area.

Action: Adopt the Bicycle Rack Plan, adopt with conditions, or do not adopt.

9d. Walton Road Improvements Feasibility Study: Review and approval of the Scope of Services for the Walton Road Improvements Feasibility Study.

Action: *Approve the Scope of Services for the Walton Road Improvements Feasibility Study, approve with conditions, or do not approve.*

10. FDOT Comments

11. Recommendations/Comments by Members

12. TPO Staff Comments

13. Next Meeting: Subject to Agenda Item 8a, the next TPO Board Meeting is a regular meeting scheduled for 2:00 pm on Wednesday, February 3, 2016.

14. Adjourn

NOTICES

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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 with respect to any matter considered at this meeting, that person shall need a record of the proceedings, and for such a purpose, that person may need to ensure that a verbatim record of the proceedings is made which includes the testimony and evidence upon which the appeal is to be based.

Kreyòl Ayisyen: Si ou ta renmen resevwa 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.

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

REGULAR BOARD MEETING

DATE: Wednesday October 7, 2015

TIME: 2:00 pm

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

MINUTES

1. **Call to Order**

Chairman Drummond called the October 7, 2015 regular meeting of the St. Lucie Transportation Planning Organization (TPO) Board to order at 2:07 pm.

2. **Pledge of Allegiance**

Chairman Drummond led the Pledge of Allegiance.

3. **Roll Call**

The roll was called. A quorum was confirmed with 11 members present.

Members present:

Darrell Drummond, Chairman
Kathryn Hensley, Vice Chair
Councilwoman Michelle Berger
Councilman Ron Bowen
Commissioner Chris Dzadovsky
Mayor Linda Hudson
Commissioner Frannie Hutchinson
Commissioner Paula Lewis
Councilwoman Shannon Martin
Commissioner Tod Mowery
Mayor Greg Oravec

Representing:

Community Transit
St. Lucie Co. School Board
City of Port St. Lucie
City of Port St. Lucie
St. Lucie County
City of Fort Pierce
St. Lucie County
St. Lucie County
City of Port St. Lucie
St. Lucie County
City of Port St. Lucie

Others present:

Peter Buchwald
Ed DeFini
Yi Ding
Mary Holleran
Crystal Wilson
Gerry O'Reilly
Dan Hiden
Lisa Dykstra
Antonette Adams
Leslie Wetherell
Stacy Miller
Alison Stettner
Heather Young
Don West
Craig Hauschild
Leslie Olson
Roxanne Chesser
Donna Harris
Murriah Dekle
Bob Wallace

Representing:

St. Lucie TPO
St. Lucie TPO
St. Lucie TPO
Recording Specialist
Consultant
FDOT District 4
FDOT District 4
FDOT District 4
FDOT District 4
FDOT District 4
FDOT District 4
FDOT Turnpike
St. Lucie County
St. Lucie County
St. Lucie County
St. Lucie County
City of Port St. Lucie
Fl. Dept. of Health
St. Lucie County
Tindale-Oliver

4. Approval of Minutes

* August 5, 2015 Regular Board Meeting

* **MOTION – MOVED** by Commissioner Hutchinson to approve the Minutes of the TPO Board meeting held on August 5, 2015.

** **SECONDED** by Vice Chair Hensley Carried **UNANIMOUSLY**

5. Comments from the Public – None

6. Comments from Advisory Committee Members (TAC/CAC/BPAC)

None

7. Approval of Agenda

* **MOTION – MOVED** by Vice Chair Hensley to approve the agenda.

** **SECONDED** by Councilwoman Martin Carried **UNANIMOUSLY**

8. Consent Agenda

Chairman Drummond confirmed that no items were requested to be removed from the Consent Agenda.

8a. Appointment to the Citizens Advisory Committee (CAC):

Appointment of a Fort Pierce Resident Representative to the CAC to fill a vacancy.

8b. 2015 Traffic Count Data Management Systems (TCDMS)

Scope of Services: Approval of the scope of services to perform the 2015 traffic counts for the TCDMS.

** **MOTION – MOVED** by Commissioner Hutchinson to approve the Consent Agenda.

** **SECONDED** by Mayor Hudson Carried **UNANIMOUSLY**

9. Action Items

9a. Executive Director Employment Agreement Addendum

Chairman Drummond advised the Executive Committee met on September 29th to review the information from MPOAC provided on salary compensation of the Executive Directors of similar MPOs in Florida. After discussion of the Statewide information and the results of the Executive Director's Performance Review, the Executive Committee recommended a salary increase that is retroactive to May 1st for the Executive Director as identified in the Fourth Addendum (attached) to the Executive Director's Employment Agreement. Attorney Heather Young also reviewed the Addendum, and the Executive Committee recommended approval.

* **MOTION – MADE** by Mayor Hudson to approve the attached Employment Agreement Addendum pertaining to compensation for the TPO Executive Director.

** **SECONDED** by Councilwoman Martin Carried **UNANIMOUSLY**

Mr. Buchwald thanked the Board for their support and approval of the Addendum.

9b. Florida Department of Transportation (FDOT) FY 2016-17 – FY 2020/21 Draft Tentative Work Program

Mr. Buchwald provided a review of the projects of the Draft Tentative Work Program (DTWP) advising that every one of the TPO's List of Priority Projects (LOPP) has received funding and was advanced. Specifics of the funded projects list were provided

The TPO Advisory Committees reviewed and recommended endorsement of the DTWP for FY 2016/17-FY 2020/21.

Mr. Buchwald thanked and acknowledged all of the FDOT District 4 Representatives and staff for their support and attendance at today's meeting, including Stacy Miller, Antonette Adams, Lisa Dystra, Leslie Wetherill, Dan Hiden, and Alison Stettner representing Turnpike staff.

Mr. Buchwald introduced FDOT District 4 Secretary Gerry O'Reilly, who recognized the TPO and FDOT staff for their hard work over the past several months in support of the Work Program.

Secretary O'Reilly highlighted scheduled prioritized and funded projects, and those under construction, including the North Bridge, which has been fully funded for replacement. Projects will continue to focus on safety concerns for all users. A partnership with Smart Growth America will allow for evaluation of standards and processes and assess our efforts relating to the implementation of FDOT's Complete Streets Policy. He noted a culture change to come about from developing more complete projects for all users.

Secretary O'Reilly explained the funding mechanisms for the DTWP.

* **MOTION – MOVED** by Councilwoman Martin to endorse the Florida Department of Transportation FY 2016/17-FY 2020/21 Draft Tentative Work Program.

** **SECONDED** by Commissioner Hutchinson Carried **UNANIMOUSLY**

9c. 2016 Legislative Priorities

Mr. Buchwald reviewed the proposed 2016 Legislative Priorities that are based on the 2015 Legislative Priorities adopted by the TPO Board last year, the MPOAC 2016 Legislative Priorities, and the recently adopted Go2040 Long Range Transportation Plan Vision, Goals and Objectives.

The four priorities were reviewed.

- * Priority 1 identifies options for increasing transportation funding.
- * Priority 2 supports the goal by reducing the potential for distracted driving by strengthening legislation regulating the use of electronic wireless communications devices while driving.
- * Priority 3 supports ensuring transportation choices for all residents, visitors and businesses by establishing uniform Statewide regulation regarding transportation network companies and ride-for-hire services.
- * Priority 4 proposes State funding for safety improvements at railroad crossings.

Based on the recommendations of TPO Advisory Committees and the TPO Executive Committee it was recommended that the proposed 2016 Legislative Priorities be adopted.

- * **MOTION – MADE** by Mayor Hudson to adopt the proposed Legislative Priorities for the St. Lucie TPO for 2016.

- ** **SECONDED** by Councilwoman Berger Carried **UNANIMOUSLY**

9d. Go2040 Long Range Transportation Plan (Go2040 LRTP) Safety, Security, Intelligent Transportation Systems (ITS), and Congestion Management Process (CMP) Elements

Mr. Buchwald introduced Mr. Bob Wallace, representing Tindale-Oliver, to review the four elements that focused on major federal requirements of security and safety and the importance of integrating them into the Long Range Transportation Plan.

Safety focused on vulnerable road users that included bicyclists, pedestrians and motorcyclists, with data provided on crashes from 2010 to 2014, and high crash corridors and intersections in the St. Lucie TPO area.

Security concerns the collaboration between government, inter-agencies and different modes of transportation at all levels to maintain the security of the transportation system.

Intelligent Transportation Systems (ITS) identifies how it may be used to further support and fund the TPO's Congestion Management Process, (CMP) and implement the St. Lucie Advanced Transportation Management System (ATMS). It links the CMP to the LRTP and is driven by the Master Plan.

The three alternatives for the Cost Feasible Plan were developed for review and comments by the TPO Board.

Alternative 2A is to use Federal and State funds only, and those funding sources are generally at the discretion of the TPO. It does not include any local funding. Using only these funding sources, the existing TPO Priority Projects from the Master List and a limited number of Transportation Alternatives Priority Projects (TAP) can be funded through 2040. The limited number of existing TAP projects that can get funded, and the projects remaining unfunded were reviewed. There is funding from developer projects that are valid, committed to, and phasing should commence on approval; however, the timing and specifics of those projects has yet to be determined.

Chairman Drummond advised that transit service started on Route #7 in Lakewood Park, it received funding from the County to proceed with the expansion of service from 6:00 am to 8:00 pm for routes 1,2 and 3, expected next month.

Alternative 2B leverages State and Federal funding sources and incorporates the use of existing local funding sources including local fuel tax and impact revenues. This alternative gives a much larger number of funded improvement projects from the adopted Go2040 Needs Plan through 2040 because of maximizing the leveraging of Federal and State funding sources from Alternative 2A. The CMP is now funded through multiple sources and a combination of County, Port St. Lucie and Fort Pierce Impact fees, and fuel tax fees, and development revenues. The larger number of funded projects that can be accomplished was reviewed.

Chairman Drummond confirmed that Mr. Buchwald met with the County Administrator, City Managers of the two cities and staff and discussed alternative funding sources, and that it would have to be a commitment on the part of the local jurisdictions to move forward.

Mr. Buchwald confirmed presentations were made to the Joint Advisory Board Committees last month. The Board's comments will go to the Advisory Committees next month, and their feedback will come to the Board at the final presentation in December.

Commissioner Dzadoovsky addressed combining multiple sources of revenue, indicating that each of the Board members at their local level use the gas taxes to fund their public works. He asked how they would deal with funding those departments from the General Fund as part of the equation.

Mr. Wallace explained the methodology. He noted changes could be made before this comes back to the Board.

Mr. Wallace discussed how each of the projects were funded, and how the money was allocated. Most projects remain within the local jurisdictions. Based on these funding sources almost all of the projects in the Needs Plan can be funded through 2040. Projected revenues from these three sources would not be available until FY 2020/21.

The Board was asked to consider the additional funding sources and provide their comments if they agreed or not, whether the projects were right or not, and if the revenue sources made sense.

Commissioner Dzadoovsky wanted to hear from his own jurisdiction to understand how this reflects on the budget and the general fund going forward, and if it represents deficit spending.

Councilwoman Berger confirmed that Federal funding with Plan 2A is all Federal funding with no local funding, and asked if it was spread out in Plan 2B. The leverage to spread out all the monies to get the projects done to blend the best of the funding sources was explained.

Councilwoman Berger warned against entering into partnerships, when the dollars are spread out the project often comes back with more regulations and stipulations and can take more time and be more expensive, while local needs get overlooked. She supported Plan 2A.

Mr. Buchwald said the federal process is getting better and three of their priority projects will be under construction.

Mr. Wallace reviewed Alternative Plan 2C, with three new revenue sources to provide for the sidewalk program being fully funded and to fund the additional transit routes for service with a sales tax of ¼ penny (1/2 of 1/2 penny). It starts in 2021 and goes to 2040 acknowledging the MSTU millage is .1269 mill, seeing some growth to increase millage by 0.1231 mill, resulting in 0.25 mill = \$12 per/year increase per \$100,000 of taxable value. This is used for new bus service capital and operating costs, generating approximately \$68.7 Million over a 20-year time period.

Councilman Mowery confirmed the growth rate for the period of time projected used the BEBR population projections. The conversion used for those projections was explained.

Commissioner Dzadovsky commented on the current low Federal interest rate on bonds, asking what entity could be allocated, and noted bonds will be more expensive in five years and now is the time to look into them.

Mr. Wallace said bonds have not been discussed from the Long Range Transportation Plan perspective. If the Board is giving direction to look at a bonded program for a set of projects that is cost affordable, he can do that.

Mr. Buchwald added that the TPO has not contemplated any bonds or any new debt occurring and not passed on that cost for the projects, we are looking at existing and new revenue sources for the cost of the projects.

Mr. Wallace provided funding assumptions for the transportation portion of the new sales tax program including the three new revenue sources. Color coded tables and maps were reviewed.

Agreement Between the St. Lucie TPO and the Metropolitan Planning Organization (Martin MPO)

Mr. Wallace addressed the agreement between the St. Lucie TPO and the Martin Metropolitan Planning Organization, (Martin MPO, letter provided) on the allocation of Federal Funds from the Federal Highway Administration for the Port St. Lucie Urbanized Area. The allocation that was in place for the 2030-2035 Plans used population totals based on the 2000 Census for 62 percent of funds received by the St. Lucie TPO and 38 percent of funds received by the Martin MPO. Based on the most recent population data for allocation of FHWA that split is no longer valid and the split should now be 68% for the St. Lucie TPO and 32 percent for the Martin MPO. This new allocation for Federal Highway revenue estimates is being used for the Go2040 LRTP.

Mr. Wallace said the next steps are to summarize comments on the three funding sources, Alternatives 2A, 2B, and 2C, and have a clear understanding of the alternative selected and the direction we receive from the TPO Board to prepare documentation for adoption. The Town Hall meeting is moving forward in November. The Go2040 LRTP is proposed for adoption by the Board in February, 2016 to meet the Federal deadline.

Board Comments:

Mayor Oravec appreciated the hard work in preparing the Go2040 LRTP. He was not prepared to earmark 25-years in the future on behalf of the City and all future City Councils. With the different scenarios of Alternative

2A, 2B and 2C, Alternative A is the money we know we have; B-tries to spread that out so we can do more, but we all have the ability to use our local funds to do more, (he cited historical examples). Thinking of 2C, a Plan that's fully functional at 25 years out seems problematic. He was in favor of asking the citizens if they want to have a sidewalk MSTU, and provide some of the projects that can be done with an MSTU, and (he) is OK with asking the citizens if they want $\frac{1}{2}$ of $\frac{1}{2}$ penny for funding projects. Unless the Council says we really want to commit to 25 years in the future, he is not going to support this today or 30 days from now.

Commissioner Hutchinson: Understood this is going back to TAC, but didn't know if we are legally able to commit the present and future boards to consider MSTUs and increases to existing ones. We all sit on different boards and vote differently, the County votes on ad valorem tax increases but the City does not, the same goes with the sales tax voted by voters. Can we commit to a plan like this on an unknown?

Mr. Buchwald: explained the history in adopting local funding sources in the local jurisdictions and said this plan will be updated every five years. The vision for 25 years out is not locking out future councils and commissions to change within that time span. It is demonstrating the commitment to our multimodal need, sidewalks, more transit service, and bike lanes, and it will require additional funding sources and decisions to be made. This plan is asking the desire of the Board before going down the road to Alternative 2A, 2B, or 2C.

Chairman Drummond asked the Board's direction for staff.

Commissioner Hutchinson suggested going back to the appropriate committees, whether at the city or county level, and the advisory board levels, and go over some detail for consensus.

Chairman Drummond asked if that was a reasonable expectation.

Commissioner Dzadovsky agreed to go back and asked that the Advisory Boards give some documentation about how they feel about it. Commissioner Dzadovsky will go back and poll his staff.

Mayor Hudson said the staff's input is one thing, but asked about our fellow Commissioners, when do they get to hear about this and what is the process for them.

Mr. Wallace said it would be expected that this item would be placed on the agendas of the elected Boards and Mr. Buchwald or Mr. Wallace can

make presentations and they can be provided with the same Board materials.

Chairman Drummond fully expected both the Administrator and City Managers would bring this item to their Boards before December.

Mr. Wallace indicated we needed to know the answer in Mid-November. The action by local elected officials would be helpful to move forward. If we are not moving forward we know we are dealing with 2A. If someone says a combination of some money that would be 2B, we need to know which alternative is going to move forward.

Mr. Buchwald said unless there's an objection, staff will speak with the City Managers and County Administrator about having an agenda item before the December Board Meeting if that's appropriate.

Mayor Oravec is going to ask for a City workshop.

Commissioner Lewis believed it was vital enough to justify holding a meeting before December.

Discussion ensued on meeting schedules and the approaching holidays. A concern was having enough time to get information back to the TPO in November.

Councilwoman Berger said she will not be at the December Board meeting. An alternate will attend and needs information to be brought up to speed. She supported the mission of creating the Long Range Plan and supported 2A, spending TPO dollars where appropriate in planning for the future.

After Board comments Chairman Drummond asked for the Board's consideration to approve the letter of agreement for the split between the MPO and the TPO based on the most recent valid population data.

**** MOTION – MOVED** by Commissioner Hutchinson to approve the letter of agreement for the split between the MPO and the TPO based on the most current population data.

**** SECONDED** by Vice Chair Hensley Carried **UNANIMOUSLY**

11. FDOT Comments – None

12. Recommendations/Comments by Members

Chairman Drummond was happy to have everyone from FDOT present today.

Commissioner Hutchinson: Thanked FDOT for coming early this year and for all the gifts and surprises they bring and the progress being made.

Commissioner Dzadovsky: Thanked FDOT for the work to be done on the North Bridge, he heard from citizens who live and work out there, who are very appreciative.

Chairman Drummond: Lakewood Park transit on Route #7 was beginning on Monday and is moving forward with service including the program for free rides for individuals under 18 yrs., and shuttle service for the HANDS Clinic. Confirming with Commissioner Lewis, everyone was invited to "Coffee with the Chair" being held on Friday, October 9th to hear everything that's going on regarding transit.

13. TPO Staff Comments

Mr. Buchwald announced the TPO received national recognition in Washington, D.C. The TPO's Plein Air Workshops conducted as part of the development of Go2040 LRTP will be featured at the Transportation Research Board's (TRB) 2016 Annual Meeting. The Competition featured Communication Concepts with John & Jane Q. Public.

At the last meeting Commissioner Sessions asked what strategy the TPO had in place to target individuals in underserved populations, who are often overlooked, and to make sure their input is included. The TPO has held open houses and workshops in underserved areas and the TRB thinks these Plein Air Workshops are a Best Practice and are worthy of recognition at the national level. Next January a representative will travel to Washington, D.C. and accept the TPO award for what we are doing here to represent the underserved communities.

Board members were thanked for their support and wished a safe and healthy Holiday Season.

- 14. Next Meeting:** The next St. Lucie TPO Board Meeting is a regular meeting scheduled for 2:00 pm on Wednesday, December 2, 2015. At that time the gavel will be transferred. It was noted neither Chairman Drummond nor Vice Chair Hensley would be attending.

15. Adjourn - The meeting was adjourned at 4:15 pm.

Respectfully submitted:

Approved by:

Mary F. Holleran
Recording Specialist

Darrell Drummond, Chair
Community Transit



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

AGENDA ITEM SUMMARY

Board/Committee: St. Lucie TPO Board

Meeting Date: December 16, 2015

Item Number: 8a

Item Title: 2016 Meeting Dates

Item Origination: Annual administrative business

UPWP Reference: Task 1.1 – Program Management

Requested Action: Approve or disapprove

Staff Recommendation: It is recommended that the proposed 2016 meeting dates be approved.

Attachments

- Proposed 2016 Meeting Dates



Coco Vista Centre
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772-462-1593 www.stlucietpo.org

St. Lucie Transportation Planning Organization Board
PROPOSED
2016 Meeting Dates
(Approved: _____)

Wednesday, February 3, 2016

Wednesday, April 6, 2016

Wednesday, June 1, 2016

Wednesday, August 3, 2016

Wednesday, October 5, 2016

Wednesday, December 7, 2016

All meetings start at 2:00 pm

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Kreyol Ayisyen: Si ou ta rinmin recevoua 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.



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AGENDA ITEM SUMMARY

Board/Committee: St. Lucie TPO Board

Meeting Date: December 16, 2015

Item Number: 8b

Item Title: Appointment to the Bicycle-Pedestrian Advisory Committee (BPAC)

Item Origination: St. Lucie TPO By-Laws, Rules, and Procedures

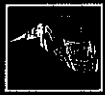
UPWP Reference: Task 6.1: Public Involvement

Requested Action: Appoint or do not appoint

Staff Recommendation: It is recommended that Mr. Patrick McCallister be appointed as a Resident Bicycling Representative to the BPAC to fill a vacancy.

Attachments

- Application



St. Lucie Transportation Planning Organization

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

APPLICATION FOR SERVING ON COMMITTEES/BOARD

1. Name Patrick McCallister
 2. Home or Mobile Phone [REDACTED]
 3. Email Address pmccallister@yourvoiceweekly.com
 4. Home Address 452 SW Talquin Lane, Port St. Lucie
 5. How long have you lived at this location? Four months
 6. Business Address (optional) 1919 SW South Macedo Ave., Port St. Lucie
 7. Business Phone (optional) _____
 8. Are you employed by a government agency? Yes _____ No
 9. Do you now serve on a government committee or board? Yes _____ No
 10. If Yes, which one(s)? _____
 11. Brief summary of your education Some college, journalism
 12. Brief summary of your experience Lifestyle cyclist with extensive background in safety, including work with National Complete Streets
 13. Please select each St. Lucie Transportation Planning Organization (TPO) Board or Committee you are interested in serving on (more than one may be selected):
 Transportation Disadvantaged Local Coordinating Board (LCB) _____
 Citizens Advisory Committee (CAC) _____
 Bicycle-Pedestrian Advisory Committee (BPAC)
 14. May your application be submitted to the TPO Board whenever vacancies occur on the selected Board/Committee(s) until you are appointed? Yes No _____
 15. Will you be able to attend quarterly LCB meetings, CAC meetings every other month, or BPAC meetings every other month? Yes No _____
- SIGNATURE [Signature] Date Nov. 19, 2015

Submit completed application by mail, fax, or email to:
 MAIL: St. Lucie Transportation Planning Organization
 466 SW Port St. Lucie Boulevard, Suite 111
 Port St. Lucie, FL 34953
 FAX: 772-785-5839
 EMAIL: TPOAdmin@stlucieco.org

Note: Application is effective for two years from the date of completion

TITLE VI STATEMENT: 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 welcomed 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.

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

Español: Si usted desea recibir esta información en español, por favor llame al 772-462-1777.

AGENDA ITEM SUMMARY

Board/Committee:	St. Lucie TPO Board
Meeting Date:	December 16, 2015
Item Number:	9a
Item Title:	Annual Officer Elections and Appointments
Item Origination:	St. Lucie TPO By-Laws, Rules, and Procedures
UPWP Reference:	Task 1.1 - Program Management
Requested Action:	Elect a Chairperson and a Vice-Chairperson and confirm or approve the following appointments: <ul style="list-style-type: none">• TPO Executive Committee• Florida Metropolitan Planning Organization (MPO) Advisory Council (MPOAC)• Treasure Coast Transportation Council (TCTC)
Staff Recommendation:	Not applicable

Attachments

- 2015 Membership Roster and Appointments

2015
St. Lucie Transportation Planning Organization Board Members
(Committee/Council Appointments are Italicized)

Voting Member

Representing

Darrell Drummond, Chair <i>Executive Committee, MPOAC Member, TCTC Member</i>	Transit
Kathryn Hensley, Vice-Chair <i>Executive Committee, MPOAC 1st Alternate, TCTC Alternate</i>	St. Lucie County School Board
Mayor Linda Hudson <i>Executive Committee</i>	City of Fort Pierce
Commissioner Reginald Sessions	City of Fort Pierce
Councilwoman Michelle Berger	City of Port St. Lucie
Councilman Ron Bowen	City of Port St. Lucie
Councilwoman Shannon Martin	City of Port St. Lucie
Mayor Gregory Oravec <i>Executive Committee</i>	City of Port St. Lucie
Commissioner Chris Dzadovsky <i>TCTC Member</i>	St. Lucie County
Commissioner Frannie Hutchinson <i>Executive Committee, MPOAC 2nd Alternate</i>	St. Lucie County
Commissioner Paula Lewis	St. Lucie County
Commissioner Tod Mowery	St. Lucie County

Board Alternates

Representing

Padrick Pinkney	Transit
Commissioner Rufus Alexander, III	City of Fort Pierce
Commissioner Edward Becht	City of Fort Pierce
Vice-Mayor Linda Bartz	City of Port St. Lucie
Commissioner Kim Johnson	St. Lucie County

Non-Voting Advisor

Florida Department of Transportation

Acronyms

MPOAC: Metropolitan Planning Organization Advisory Council of Florida
TCTC: Treasure Coast Transportation Council

AGENDA ITEM SUMMARY

Board/Committee:	St. Lucie TPO Board
Meeting Date:	December 16, 2015
Item Number:	9b
Item Title:	Go2040 Long Range Transportation Plan (Go2040 LRTP) Cost Feasible Plan (CFP)
Item Origination:	2040 LRTP Development Process
UPWP Reference:	Task 3.1 – Long Range Transportation Planning and MAP-21 Implementation
Requested Action:	Adopt the Go2040 LRTP CFP, adopt with conditions, or do not adopt
Staff Recommendation:	Based on the comments received to date on the CFP alternatives and on the CFP alternatives being consistent with the adopted Go2040 Vision, Goals, and Objectives, it is recommended that the 65 percent-35 percent versions of both CFP alternatives be included in the Go2040 LRTP with Alternative 2A serving as the adopted CFP until the local funding sources for Alternative 2C are implemented. It is also recommended that the C24 Canal Trail be added to the St. Lucie Walk-Bike Network.

Attachments

- Staff Report
- Summary of Discussion on the Allocation of Federal Funds from the Federal Highway Administration for the Port St. Lucie Urbanized Area
- Go2040 CFP Alternatives Comparison
- Go2040 Vision, Goals, and Objectives
- 2040 CFP Alternative 2A (68%-32% Version)
- 2040 CFP Alternative 2A (65%-35% Version)
- 2040 CFP Alternative 2A Roadways and Bus Service Map
- 2040 CFP Alternative 2A St. Lucie Walk-Bike Network Projects Map
- 2040 CFP Alternative 2C (68%-32% Version)
- 2040 CFP Alternative 2C (65%-35% Version)
- 2040 CFP Alternative 2C Roadways and Bus Service Map
- 2040 CFP Alternative 2C St. Lucie Walk-Bike Network Projects Map

MEMORANDUM

TO: St. Lucie TPO Board

FROM: Peter Buchwald
Executive Director

DATE: November 24, 2015

SUBJECT: Go2040 Long Range Transportation Plan (LRTP) Cost Feasible Plan (CFP)

BACKGROUND

The development of the Go2040 Long Range Transportation Plan (LRTP) includes the development of a Cost Feasible Plan (CFP) based on the Needs Plan that was adopted by the St. Lucie TPO Board at its August 5th meeting. Consistent with input from the public and other stakeholders including the City Managers and County Administrator for the TPO area, the CFP that is being developed is a multimodal plan which includes the consideration of walking-biking projects, enhanced bus service, and the operations and maintenance of the existing roadway network in addition to the traditional roadway capacity projects.

At the joint meeting of the TPO Advisory Committees on September 15th, the initial draft version of the CFP was presented. This version of the CFP included several potential new local funding sources to supplement the traditional State, Federal, and existing local funding sources for the plan. Upon review of the plan, the TPO Advisory Committees recommended that alternatives to this version be developed to identify the potential projects that may be constructed without the new local funding sources. Based on these review comments from the TPO Advisory Committees and other stakeholders, the following three alternatives containing various levels of local funding for the Go2040 CFP were developed:

- Alternative 2A: Federal and State Funds
- Alternative 2B: Federal, State, and Existing Local Funds
- Alternative 2C: Federal, State, and Existing and New Local Funds

Each of the alternatives differs in the extent to which the needs are addressed. After review and discussion of the three Go2040 CFP alternatives at the October 7th Board meeting, consensus was obtained for the alternatives to be discussed further by the individual Council/Commissions of the local jurisdictions.

On October 19th, the Go2040 CFP alternatives were presented to the Port St. Lucie City Council at a workshop. After a discussion, the Port St. Lucie City Council selected Alternative 2A as the preferred CFP alternative. After review of the CFP alternatives by the St. Lucie Board of County Commissioners at its informal meeting on November 10th, the comments that were received appeared to indicate a preference for Alternative 2A at this time. On November 16th, the Fort Pierce City Commission reviewed the CFP alternatives at a regular meeting and unanimously selected Alternative 2C with increasing the local sales tax and maximizing the existing Countywide Municipal Services Taxing Unit (MSTU) as the only local funding sources. As Alternative 2B was not preferred by any of the individual Council/Commissions of the local jurisdictions, this alternative has been eliminated from consideration.

Subsequently, CFP Alternatives 2A and 2C were presented to the TPO Advisory Committees at their meetings the week of November 16th for review, comments, and recommendations to the TPO Board. The Citizens Advisory Committee (CAC) recommends that both CFP Alternatives 2A and 2C be included in the Go2040 LRTP with increasing the local sales tax as the only local funding source for Alternative 2C. The Technical Advisory Committee (TAC) recommends the adoption of CFP Alternative 2A with Alternative 2C with increasing the local sales tax and maximizing the existing Countywide MSTU as the only local funding sources remaining for discussion by the TPO Board. The Bicycle-Pedestrian Advisory Committee (BPAC) recommends the adoption of CFP Alternative 2C with all of the local funding sources included and that the C24 Canal Trail from Crosstown Parkway to Southbend Boulevard be added to the St. Lucie Walk-Bike Network.

ANALYSIS

Based on the comments received to date regarding the CFP alternatives, two CFP alternatives have been developed for review and adoption by the TPO Board. These alternatives consist of Alternative 2A and Alternative 2C with increasing the local sales tax and maximizing the existing Countywide MSTU as the local funding sources. In addition, two versions of both alternatives have been developed based on the planning allocations of Federal Highway

Administration (FHWA) funds attributable to the Port St. Lucie Urbanized Area (PSL UZA).

At the October 7th TPO Board Meeting, consensus was obtained to submit a letter to the Martin Metropolitan Planning Organization (Martin MPO), which shares the PSL UZA with the TPO, to document the use of a planning allocation of FHWA funds attributable to the PSL UZA that is consistent with the populations that reside within the St. Lucie TPO and Martin MPO portions of the PSL UZA. This results in a planning allocation of FHWA funds attributable to the PSL UZA of 68 percent of the funds being received by the St. Lucie TPO and 32 percent of the funds being received by the Martin MPO.

Subsequent to the submittal of the letter, additional correspondence regarding the planning allocation was exchanged between the TPO and the Martin MPO which resulted in a meeting between the Chairmen of the St. Lucie TPO and the Martin MPO on November 20th. After a lengthy discussion, the Chairmen agreed, as documented in the attached summary, to bring the consideration of a planning allocation of 65 percent of the funds being received by the St. Lucie TPO and 35 percent of the funds being received by the Martin MPO to their respective Boards at their next meetings. The Chairmen also agreed, as documented in the attached summary, to bring to their respective Boards at their next meetings the consideration of jointly developing within a specified timeframe a methodology for future planning allocations of FHWA funds for the PSL UZA and a mechanism for future communication and coordination between the St. Lucie TPO and the Martin MPO.

The use of a 65 percent-35 percent planning allocation has a negligible effect on the CFP Alternatives resulting in a reduction of funding of approximately \$145,000 per year. This reduction is absorbed by the Congestion Management Program in both alternatives, and there is no loss of projects in either alternative.

Both CFP alternatives are multimodal plans and differ in the amounts of projects, programs, and services provided. A comparison of the alternatives, both with 68 percent-32 percent and 65 percent-35 percent planning allocation versions, is attached which identifies the differences between the alternatives.

Alternative 2A includes the projects from the existing TPO Master List of Priority Projects, the Jenkins Road Project from Midway Road to Okeechobee Road, the US-1 Corridor Retrofit Program, the Congestion Management Program (CMP), a total of 20 St. Lucie Walk-Bike Network Projects, and maintains the Transit Program with the existing bus service on seven routes, including the recent extended service enhancements, through 2040.

Alternative 2C with increasing the local sales tax and maximizing the existing Countywide MSTU as the local funding sources allows for the addition of three roadway projects, the addition of 55 St. Lucie Walk-Bike Network Projects, an increase of more than \$10 million in the CMP, the doubling of the bus service to 14 routes, the construction of an Operations Center to serve the bus system, and the implementation of a \$94 million Pavement Management Program for the three local jurisdictions. Tables which summarize the projects, revenues, and costs for both versions of the alternatives and maps that depict the locations of the projects for both alternatives are attached.

As part its review, the CFP alternatives should be evaluated with regard to its consistency with the attached Go2040 Vision, Goals, and Objectives that were adopted by the TPO Board in June 2015. Both versions of both alternatives appear to support the adopted Go2040 Vision, Goals, and Objectives.

RECOMMENDATION

Based on the comments received to date on the CFP alternatives and on the CFP alternatives being consistent with the adopted Go2040 Vision, Goals, and Objectives, it is recommended that the 65 percent-35 percent versions of both CFP alternatives be included in the Go2040 LRTP with Alternative 2A serving as the adopted CFP until the local funding sources for Alternative 2C are implemented. It is also recommended that the C24 Canal Trail be added to the St. Lucie Walk-Bike Network.



Summary of Discussion On the Allocation of Federal Funds From the Federal Highway Administration For the Port St. Lucie Urbanized Area (PSL UZA)

The chairmen of the St. Lucie Transportation Planning Organization (St. Lucie TPO) and the Martin County Metropolitan Planning Organization (Martin MPO) agree that based on the discussion conducted at the St. Lucie TPO-Martin MPO Chairmen's Meeting on November 20, 2015, that the following will be brought before the respective Boards at their next meetings for consideration of approval:

- 1) The St. Lucie TPO and Martin MPO will use in their respective 2040 Long Range Transportation Plans (2040 LRTPs) the allocation of Federal Highway Administration Funds (FHWA) funds for the Port St. Lucie Urbanized Area (PSL UZA) of 65 percent of the funds being received by the St. Lucie TPO and 35 percent of the funds being received by the Martin MPO.
 - 2) By June 30, 2016, a methodology for future allocations of FHWA funds for the PSL UZA and a mechanism for future communication and coordination between the St. Lucie TPO and the Martin MPO will be developed jointly for consideration of approval by the St. Lucie TPO and the Martin MPO.
 - 3) By December 31, 2016, the Boards of the St. Lucie TPO and Martin MPO will adopt a methodology for future allocations of FHWA funds for the PSL UZA that was developed jointly by the St. Lucie TPO and the Martin MPO and a mechanism for future communication and coordination between the St. Lucie TPO and the Martin MPO.
 - 4) Upon adoption of the methodology for future allocations of FHWA funds for the PSL UZA, the St. Lucie TPO and Martin MPO may amend their respective LRTPs by December 31, 2017, should it be appropriate for either the St. Lucie TPO or the Martin MPO to do so.
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Go2040 CFP Alternatives Comparison

Project Description	Project	2A (68%-32%)	2A (65%-35%)	2C (68%-32%)	2C (65%-35%)
Kings Hwy from N. of I-95 Overpass to St. Lucie Blvd.	Add 2 lanes, bike lanes, sidewalks	2021-2025	2021-2025	2021-2025	2021-2025
Port St. Lucie Blvd from Paar Dr. to Darwin Rd.	Add 2 lanes, bike lanes, sidewalks	2021-2025	2021-2025	2021-2025	2021-2025
Midway Rd. from Glades Cut-Off Rd. to Selvitz Rd.	Add 2 lanes, bike lanes, sidewalks	2026-2030	2026-2030	2021-2025	2021-2025
Kings Hwy from St. Lucie Blvd to Indrio Rd	Add 2 lanes, bike lanes, sidewalks	2026-2030	2026-2030	2026-2030	2026-2030
Port St. Lucie Blvd from Becker Rd to Paar Dr.	Add 2 lanes, bike lanes, sidewalks	2031-2040	2031-2040	2026-2030	2026-2030
Jenkins Rd from Angle Rd to St Lucie Blvd	New 4 lanes, bike lanes, sidewalks	2031-2040	2031-2040	2031-2040	2031-2040
Floresta Dr from South Bend Blvd to Port St Lucie Blvd	Add 2 lanes, bike lanes, sidewalks	Unfunded	Unfunded	2031-2040	2031-2040
Floresta Dr from Port St Lucie Blvd to Crosstown Parkway	Operational Improvements	Unfunded	Unfunded	2031-2040	2031-2040
Glades Cut-Off Rd from Midway Rd to Selvitz Rd.	Add 2 lanes, bike lanes, sidewalks	Unfunded	Unfunded	2031-2040	2031-2040
Selvitz Rd from Glades Cut-Off Rd to Edwards Rd.	Add 2 lanes, bike lanes, sidewalks	Unfunded	Unfunded	Unfunded	Unfunded
Jenkins Rd from Midway Rd to Okeechobee Rd.	New 4 lanes, bike lanes, sidewalks	Unfunded	Unfunded	Unfunded	Unfunded
St. Lucie West Blvd from E of I-95 to Cashmere Blvd	Add 2 lanes, bike lanes, sidewalks	Unfunded	Unfunded	Unfunded	Unfunded
Jenkins Rd from Okeechobee Rd to Angle Rd	New 4 lanes, bike lanes, sidewalks	Unfunded	Unfunded	Unfunded	Unfunded
Savona Blvd from Gatlin Blvd to California Blvd	Add 2 lanes, bike lanes, sidewalks	Unfunded	Unfunded	Unfunded	Unfunded
South Bend Blvd from Becker Rd to Floresta Dr	Add 2 lanes, bike lanes, sidewalks	Unfunded	Unfunded	Unfunded	Unfunded
Airport Connector from I-95 to Kings Highway	New 4 lanes, bike lanes, sidewalks	Unfunded	Unfunded	Unfunded	Unfunded
Glades Cut-Off Rd from Commerce Ctr Dr to Midway Rd	Add 2 lanes, bike lanes, sidewalks	Unfunded	Unfunded	Unfunded	Unfunded
East Torino Pkwy from Cashmere Blvd to Midway Rd	Add 2 lanes, bike lanes, sidewalks	Unfunded	Unfunded	Unfunded	Unfunded
US 1 Corridor Retrofit Program from Indian River County Line to Martin County Line	Corridor, ITS, safety, operational improvements	\$59.35 million	\$59.35 million	\$59.35 million	\$59.35 million
St. Lucie Walk-Bike Network Improvements	Sidewalks and trails	20 projects	20 projects	75 projects	75 projects
Congestion Management Program	Congestion, safety, ITS, operational improvements	\$69 million	\$66.1 million	\$82 million	\$79.1 million
Transit Program	Continued operations and vehicle replacement routes 1 to 7	Existing service on 7 routes	Existing service on 7 routes	7 new routes and Ops Center	7 new routes and Ops Center
Pavement Management Program	Roadway resurfacing and maintenance	Unfunded	Unfunded	FP \$15 million PSL \$35 million SLC \$44 million	FP \$15 million PSL \$35 million SLC \$44 million



Vision, Goals, and Objectives

VISION

A balanced and funded transportation system that meets the community’s needs

GOAL STATEMENTS

To realize this, we want to invest in:

Economic Prosperity and Growth: Provide for efficient transportation that serves local and regional needs and stimulates **economic prosperity and growth**

Choices: Ensure **transportation choices** for all residents, visitors, and businesses

Existing Assets and Services: Maintain the condition and improve the efficiency of transportation **assets and services**

Cooperation: Improve land use and transportation decision-making through **community participation and intergovernmental cooperation**

Health and Environment: Protect and enhance **public health and the environment**

Safety and Security: Provide **safer and more secure transportation**

OBJECTIVES

	Goals	Objectives
1	Economic Prosperity and Growth	Enable people and goods to move around efficiently
		Increase the transportation options and improve access to destinations that support prosperity and growth
2	Choices	Improve the bicycle/pedestrian and public transportation networks
		Provide for transportation needs of the transportation disadvantaged that may include the use of automated vehicles
3	Existing Assets and Services	Maintain the condition of existing transportation assets
		Improve the efficiency of existing transportation services
4	Cooperation	Facilitate unified transportation decision-making through intergovernmental cooperation
		Ensure community participation is representative
5	Health and Environment	Support healthy living strategies, programs and improvements
		Make transportation investments that minimize impacts to the natural environment and allocate resources toward mitigation
6	Safety and Security	Improve the safety of the transportation system that may include the incorporation of infrastructure in support of automated vehicles
		Improve the transportation system’s stability/resiliency in the event of climate change, emergencies, or disasters

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Federal and State Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	Improvement	Project Source	Total Cost (YOE)
2021-2025						
402a	Kings Hwy	N. of I-95 Overpass	St. Lucie Blvd	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$27,510,000
408	Port St. Lucie Blvd	Paar Dr.	Darwin Rd.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$17,800,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$6,750,000
	Walk-Bike Network Improvements			Potential projects below	2040 Walk-Bike Network	\$3,460,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$5,000,000
2026-2030						
402b	Kings Hwy	St. Lucie Blvd	Indrio Rd	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$40,000,000
413	Midway Rd.	Glades Cut-Off Rd.	Selvitz Rd.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$24,050,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$17,600,000
	Walk-Bike Network Improvements			Potential projects below	2040 Walk-Bike Network	\$4,400,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$10,000,000
2031-2040						
407	Port St. Lucie Blvd	Becker Rd	Paar Dr.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$29,360,000
450c	Jenkins Rd.	Angle Rd	St Lucie Blvd	New 4 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$36,540,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$35,000,000
	Walk-Bike Network Improvements			Potential projects below	2040 Walk-Bike Network	\$16,180,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$54,000,000
Walk-Bike Network Improvements						
	Oleander Avenue	Midway Road	Market Avenue	Sidewalk-1.3 miles	2015 TA Grant Application	\$1,202,125
	Walton Road	Lennard Road	Green River Parkway	Sidewalk-1.1 miles	St. Lucie County School District	\$632,730
	17th Street Sidewalk Gaps	Georgia Avenue	Avenue Q	Sidewalk-1.7 miles	2010/11 LOPP	\$222,700
	East Torino Parkway	Volucia Drive	Conus Street	Sidewalk-0.4 miles	St. Lucie County School District	\$220,080
	North Macedo Boulevard	Selvitz Road	St. James Drive	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$688,038
	Selvitz Road	Milner Drive	Peachtree Boulevard	Sidewalk-0.8 miles	2010/11 LOPP	\$520,397
	Thornhill Drive	Bayshore Boulevard	Airoso Boulevard	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$916,023
	Parr Drive	Savona Boulevard	Port St. Lucie Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List	\$529,837
	29th Street Sidewalk Gaps	Avenue I	Avenue Q	Sidewalk-0.5 miles	2010/11 LOPP	\$77,000
	Boston Avenue	25th Street	13th Street	Sidewalk-0.8 miles	2010/11 LOPP	\$123,200
	Curtis Street	Prima Vista Boulevard	Floresta Drive	Sidewalk-0.5 miles	Port St. Lucie Sidewalk List	\$710,895
	Weatherbee Road	U.S. Highway 1	Oleander Avenue	Sidewalk-0.5 miles	St. Lucie County School District	\$445,220
	Volucia Drive	Blanton Boulevard	Torino Parkway	Sidewalk-1.0 miles	St. Lucie County School District	\$870,425
	Oleander Avenue	Midway Road	Saeger Avenue	Sidewalk-1.5 miles	St. Lucie County School District	\$1,323,840
	29th Street	Avenue Q	Avenue T	Sidewalk-0.1 miles	2010/11 LOPP	\$19,700
	Alcantarra Boulevard	Port St. Lucie Boulevard	Savona Boulevard	Sidewalk-0.8 miles	St. Lucie County School District	\$703,290

St. Lucie TPO
GO2040 L RTP Cost Feasible Plan Alternatives
Alternative 2A - Federal and State Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	Improvement	Project Source	Total Cost (YOE)
	Floresta Drive	Port St. Lucie Boulevard	Southbend Boulevard	Sidewalk-0.6 miles	Port St. Lucie Sidewalk List #8	\$964,947
	Rosser Boulevard	Openview	Bamberg Street	Sidewalk-2.1 miles	Port St. Lucie Sidewalk List #1	\$1,999,182
	Florida East Coast Greenway	Martin Co Line	Downtown Ft Pierce	Multi-Use Trail per Mile (10'-12' width - 1 side)	2040 Needs Plan	\$6,757,225
	Florida East Coast Greenway, (SR A1A)	Ft Pierce	Indian River Co Line	Multi-Use Trail per Mile (10'-12' width - 1 side)	2040 Needs Plan	\$3,412,760
Developer Roads (2031-2040)						
2501	E-W-Road 6	Shinn Rd	Glades Cut-Off Rd	New 4 lane road	Developer agreement	\$83,440,000
2502	Williams Rd	Shinn Rd	McCarty Rd	New 2 lane road	Developer agreement	\$36,300,000
2503	Williams Ext	McCarty Rd	Glades Cutoff Rd	New 4 lane road	Developer agreement	\$64,870,000
2504	Newell Rd	Shinn Rd	Arterial A	New 4 lane road	Developer agreement	\$92,030,000
2505	Range Line Rd	Glades Cut-Off Rd	Midway Rd	New 4 lane road	Developer agreement	\$92,820,000
2506	Shinn Rd	Midway Rd	Glades Cut-Off Rd	New 4 lane road	Developer agreement	\$84,260,000
2507	McCarty Rd	Williams Rd	Midway Rd	Add 2 lanes	Developer agreement	\$32,120,000
2508	McCarty Rd	Glades Cut-Off Rd	Williams Rd	New 4 lane road	Developer agreement	\$71,530,000
2509	Arterial A	Glades Cut-Off Rd	Midway Rd	New 4 lane road	Developer agreement	\$84,570,000
2601	Becker Rd	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$154,000,000
2602	Paar Dr (West)	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$153,630,000
2603	Open View Dr (West)	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$142,120,000
2604	E-W Road 2	Village Pkwy	N-S Road A	New 4 lane road	Developer agreement	\$96,590,000
2605	Discovery Way	Village Pkwy	Community Blvd	Add 2 lanes	Developer agreement	\$6,950,000
2606	Discovery Way	Community Blvd	Range Line Rd	New 4 lane road	Developer agreement	\$109,920,000
2607	Stony Creek Way	Range Line Rd	Tradition Pkwy	New 4 lane road	Developer agreement	\$60,660,000
2608	Tradition Pkwy	Range Line Rd	Stony Creek Way	New 4 lane road	Developer agreement	\$74,720,000
2609	Crosstown Pkwy	Range Line Rd	Village Pkwy	New 4 lane road	Developer agreement	\$98,110,000
2610	N-S Road A	Crosstown Pkwy	Becker Rd	New 4 lane road	Developer agreement	\$185,790,000
2611	N-S Road B	Becker Rd	Discovery Way	New 4 lane road	Developer agreement	\$101,480,000
2612	Community Blvd	Discovery Way	Becker Rd	New 4 lane road	Developer agreement	\$101,300,000
2701	Turnpike/I-95 Connector	Florida's Turnpike	I-95	New 4 lane road	Developer agreement	\$188,750,000
Bus Service (2021-2040)						
	Continued Operations Cost for Routes 1-7*					\$189,364,000
	Vehicle Replacement (Capital) Cost for Routes 1-7*					\$46,288,000

* - Funding for the existing transit system includes a transfer of General Fund revenues, or other revenues, to continue the current level of transit service

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Only State and Federal Funds
(68% / 32% TMA Split)

State and Federal Revenues		2021-2025	2026-2030	2031-2040	Total
State - Other Arterial (OA)*	Revenue Available	\$61.00	\$57.71	\$126.15	\$244.85
	Project Costs	\$60.86	\$57.70	\$126.29	\$244.85
	Remaining Available	\$0.14	\$0.00	-\$0.14	\$0.00
Federal - Transportation Management Area (TMA)	Revenue Available	\$17.24	\$17.24	\$34.48	\$68.95
	Project Costs	\$17.24	\$16.64	\$35.07	\$68.95
	Remaining Available	\$0.00	\$0.60	-\$0.60	\$0.00
Federal - Transportation Alternatives (TA)	Revenue Available	\$3.46	\$3.46	\$6.93	\$13.85
	Project Costs	\$3.46	\$3.46	\$6.93	\$13.85
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00

* Revenue estimate includes 22% for design and engineering phases.

Local Revenues		2021-2025	2026-2030	2031-2040	Total
Developer Revenues	Revenue Available	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Project Costs	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00

Revenue Summary		2021-2025	2026-2030	2031-2040	Total
Federal and State Revenues	Revenue Available	\$81.70	\$78.41	\$167.55	\$327.66
	Project Costs	\$81.56	\$77.81	\$168.29	\$327.66
	Remaining Available	\$0.14	\$0.60	-\$0.74	\$0.00
Developer Revenues	Revenue Available	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Project Costs	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00
All Revenues	Revenue Available	\$81.70	\$78.41	\$2,283.51	\$2,443.61
	Project Costs	\$81.56	\$77.81	\$2,284.24	\$2,443.61
	Remaining Available	\$0.14	\$0.60	-\$0.74	\$0.00

Transit System Revenues		2021-2025	2026-2030	2031-2040	Total
Existing Revenue Sources	Federal Revenues	\$20.03	\$18.71	\$39.44	\$78.18
	State Revenues	\$3.78	\$3.97	\$8.55	\$16.30
	Local Revenues	\$18.03	\$22.32	\$54.22	\$94.57
	Capital Costs	\$12.38	\$10.90	\$23.00	\$46.29
	Operating Costs	\$38.97	\$44.09	\$106.31	\$189.36
	Other Revenue Needed*	\$9.52	\$10.00	\$27.10	\$46.61

* - Funding for the existing transit system includes a transfer of General Fund revenues, or other revenues, to continue the current level of transit service.

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Only State and Federal Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOE)	
						Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million		
SIS Roadways																
1535	I-95	N. of Glades Cut-Off Rd.	S. of SR 70	6F	8F			\$1.71						\$42.16	\$43.87	
1536	I-95	N. of Becker Rd	N. of Glades Cut-Off Rd.	6F	8F			\$8.19						\$132.48	\$140.67	
550	Florida's Turnpike	Midway Rd.			New Interchange		Unfunded	\$0.00					Unfunded		\$0.00	
State Roadways																
402a	Kings Hwy	N. of I-95 Overpass	St. Lucie Blvd	2U	4D	OA	2021-2025	\$3.82	OA	2021-2025	\$8.69	OA	2021-2025	\$14.99	\$27.51	
402b	Kings Hwy	St. Lucie Blvd	Indrio Rd	2U	4D	OA	2021-2025	\$5.08	OA	2021-2025	\$11.53	OA	2026-2030	\$23.39	\$40.00	
500	US 1	Martin County	Indian River County	Operational Improvements									OA	2021-2025	\$6.75	\$59.35
													OA	2026-2030	\$17.60	
													OA	2031-2040	\$35.00	
401	Kings Hwy	Indrio Rd	US 1	2U	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	
	Congestion Management Program - State Roads											OA	2021-2025	\$5.00	\$5.00	
												OA	2026-2030	\$10.00	\$10.00	
												OA	2031-2040	\$54.00	\$54.00	
	Walk / Bike Improvements on State Roads (illustrative projects below)					OA	2026-2030	\$0.94				OA	2031-2040	\$9.25	\$10.19	
	Florida East Coast Greenway	Martin County	Fort Pierce													
	Florida East Coast Greenway (SR A1A)	Fort Pierce	Indian River County													
Local Roads																
408	Port St. Lucie Blvd	Paar Dr.	Darwin Rd.	2U	4D		Completed			Underway	\$0.00	TMA	2021-2025	\$17.24	\$17.80	
									OA	2021-2025	\$0.56					
413	Midway Rd.	Glades Cut-Off Rd.	Selvitz Rd.	2U	4D		Committed		OA	2021-2025	\$4.44	TMA	2026-2030	\$14.89	\$24.05	
									OA	2026-2030	\$4.73					
407	Port St. Lucie Blvd	Becker Rd	Paar Dr.	2U	4D	TMA	2026-2030	\$1.75	TMA	2031-2040	\$8.12	TMA	2031-2040	\$4.73	\$29.36	
						OA	2026-2030	\$1.04				OA	2031-2040	\$13.72		
414	St. Lucie West Blvd	E of I-95	Cashmere Blvd	4D	6D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	
450a	Jenkins Rd.	Midway Rd	Okeechobee Rd	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	
450c	Jenkins Rd	Angle Rd	St Lucie Blvd	00	4D	TMA	2031-2040	\$4.30	TMA	2031-2040	\$9.77	TMA	2031-2040	\$8.15	\$36.54	
												OA	2031-2040	\$14.32		
404	Selvitz Rd	Glades Cut-Off Rd	Edwards Rd	2U	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	
450b	Jenkins Rd	Okeechobee Rd	Angle Rd	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Only State and Federal Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOY)					
						Source	Timing	Cost (YOY) \$ million	Source	Timing	Cost (YOY) \$ million	Source	Timing	Cost (YOY) \$ million						
403	Glades Cut-Off Rd	Commerce Ctr Dr	Selvitz Rd	2U	2U		Unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00					
2702	Airport Connector	I-95	Kings Highway	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00					
2703	North Mid-County Connector	Midway Rd	Florida'S Turnpike	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00					
415	Floresta Dr	South Bend Blvd	Port St Lucie Blvd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00					
428	Savona Blvd	Gatlin Blvd	California Blvd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00					
406	East Torino Pkwy	Cashmere Blvd	Midway Rd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00					
416	South Bend Blvd	Becker Rd	Floresta Dr	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00					
405	California Blvd	Savona Blvd	St Lucie West Blvd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00					
500	Floresta Dr	Port St Lucie Blvd	Crosstown Parkway	Operational Improvements									unfunded	\$0.00	\$0.00					
Congestion Management Program- St Lucie County															unfunded	\$0.00	\$0.00			
Congestion Management Program - Port St. Lucie																		unfunded	\$0.00	\$0.00
Congestion Management Program - Fort Pierce																		unfunded	\$0.00	\$0.00
Pavement Management Program - St Lucie County																		unfunded	\$0.00	\$0.00
Pavement Management Program - Port St Lucie																		unfunded	\$0.00	\$0.00
Pavement Management Program - Fort Pierce																		unfunded	\$0.00	\$0.00
Walk / Bike Improvements on non-State Roads (illustrative projects below)						TA	2021-2025	\$0.52					TA	2021-2025	\$2.94	\$13.85				
						TA	2026-2030	\$0.52					TA	2026-2030	\$2.94					
						TA	2031-2040	\$1.04					TA	2031-2040	\$5.89					
Oleander Avenue		Midway Rd	Market Ave																	
Walton Rd		Lennard Rd	Green River Pkwy																	
17th Street Sidewalk Gaps		Georgia Ave.	Avenue Q.																	
East Torino Pkwy		Volucia Dr.	Conus St.																	
North Macedo Boulevard		Selvitz Rd	St. James Dr.																	
Selvitz Rd.		Milner Dr.	Peachtree Blvd.																	
Thornhill Dr.		Bayshore Blvd.	Airoso Blvd.																	
Parr Dr.		Savona Blvd.	Port St. Lucie Blvd.																	
29th Street Sidewalk Gaps		Avenue I	Avenue Q.																	
Boston Avenue		25th Street	13th Street																	
Curtis Street		Prima Vista Boulevard	Floresta Drive																	
Weatherbee Road		U.S. Highway 1	Oleander Avenue																	
Volucia Drive		Blanton Boulevard	Torino Parkway																	
Oleander Avenue		Midway Road	Saeger Avenue																	
29th Street		Avenue Q	Avenue T																	
Alcantarra Boulevard		Port St. Lucie Boulevard	Savona Boulevard																	
Floresta Drive		Port St. Lucie Boulevard	Southbend Boulevard																	
Rosser Boulevard		Openview	Bamberg Street																	
Developer Roads (funded with Developer and County funds)																				
2501	E-W-Road 6	Shinn Rd	Glades Cut-Off Rd	00	4D	Dev	2031-2040	\$9.82	Dev	2031-2040	\$22.31	Dev	2031-2040	\$51.32	\$83.44					
2502	Williams Rd	Shinn Rd	Mccarty Rd	00	2U	Dev	2031-2040	\$4.27	Dev	2031-2040	\$9.71	Dev	2031-2040	\$22.32	\$36.30					
2503	Williams Ext	Mccarty Rd	Glades Cutoff Rd	00	4D	Dev	2031-2040	\$7.63	Dev	2031-2040	\$17.34	Dev	2031-2040	\$39.89	\$64.87					
2504	Newell Rd	Shinn Rd	Arterial A	00	4D	Dev	2031-2040	\$10.83	Dev	2031-2040	\$24.61	Dev	2031-2040	\$56.59	\$92.03					
2505	Range Line Rd	Glades Cut-Off Rd	Midway Rd	00	4D	Dev	2031-2040	\$10.92	Dev	2031-2040	\$24.82	Dev	2031-2040	\$57.08	\$92.82					
2506	Shinn Rd	Midway Rd	Glades Cut-Off Rd	00	4D	Dev	2031-2040	\$9.91	Dev	2031-2040	\$22.53	Dev	2031-2040	\$51.82	\$84.26					
2507	Mccarty Rd	Williams Rd	Midway Rd	2U	4D	Dev	2031-2040	\$3.78	Dev	2031-2040	\$8.59	Dev	2031-2040	\$19.75	\$32.12					
2508	Mccarty Rd	Glades Cut-Off Rd	Williams Rd	00	4D	Dev	2031-2040	\$8.42	Dev	2031-2040	\$19.13	Dev	2031-2040	\$43.99	\$71.53					
2509	Arterial A	Glades Cut-Off Rd	Midway Rd	00	4D	Dev	2031-2040	\$9.95	Dev	2031-2040	\$22.61	Dev	2031-2040	\$52.01	\$84.57					
2601	Becker Rd	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$18.12	Dev	2031-2040	\$41.18	Dev	2031-2040	\$94.70	\$154.00					
2602	Paar Dr (West)	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$18.07	Dev	2031-2040	\$41.08	Dev	2031-2040	\$94.48	\$153.63					

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Only State and Federal Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOE)
						Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	
2603	Open View Dr (West)	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$16.72	Dev	2031-2040	\$38.00	Dev	2031-2040	\$87.40	\$142.12
2604	E-W Road 2	Village Pkwy	N-S Road A	00	4D	Dev	2031-2040	\$11.36	Dev	2031-2040	\$25.83	Dev	2031-2040	\$59.40	\$96.59
2605	Discovery Way	Village Pkwy	Community Blvd	2D	4D	Dev	2031-2040	\$0.82	Dev	2031-2040	\$1.86	Dev	2031-2040	\$4.27	\$6.95
2606	Discovery Way	Community Blvd	Range Line Rd	00	4D	Dev	2031-2040	\$12.93	Dev	2031-2040	\$29.39	Dev	2031-2040	\$67.60	\$109.92
2607	Stony Creek Way	Range Line Rd	Tradition Pkwy	00	4D	Dev	2031-2040	\$7.14	Dev	2031-2040	\$16.22	Dev	2031-2040	\$37.31	\$60.66
2608	Tradition Pkwy	Range Line Rd	Stony Creek Way	00	4D	Dev	2031-2040	\$8.79	Dev	2031-2040	\$19.98	Dev	2031-2040	\$45.95	\$74.72
2609	Crosstown Pkwy	Range Line Rd	Village Pkwy	00	4D	Dev	2031-2040	\$11.54	Dev	2031-2040	\$26.23	Dev	2031-2040	\$60.34	\$98.11
2610	N-S Road A	Crosstown Pkwy	Becker Rd	00	4D	Dev	2031-2040	\$21.86	Dev	2031-2040	\$49.68	Dev	2031-2040	\$114.26	\$185.79
2611	N-S Road B	Becker Rd	Discovery Way	00	4D	Dev	2031-2040	\$11.94	Dev	2031-2040	\$27.13	Dev	2031-2040	\$62.41	\$101.48
2612	Community Blvd	Discovery Way	Becker Rd	00	4D	Dev	2031-2040	\$11.92	Dev	2031-2040	\$27.09	Dev	2031-2040	\$62.30	\$101.30
2701	Turnpike/I-95 Connector	Florida's Turnpike	I-95	00	4D	Dev	2031-2040	\$21.86	Dev	2031-2040	\$9.39	Dev	2031-2040	\$157.51	\$188.75

Transit Service Description	Service Start Year	Capital Cost	Operating Cost	Total Cost
Transit System				
Continue Existing Fixed-Route Service (Routes 1 through 6)		\$18.95	\$45.72	\$64.66
Continue Existing Paratransit Service (ADA and TD)		\$23.66	\$97.74	\$121.41
Lakewood Park - New Local Service	2015	\$1.42	\$5.71	\$7.13
Bus Stop Infrastructure Upgrades	On-Going	\$0.44	\$0.00	\$0.44
Existing Service Improvements				
Route 1 - Improve Frequency to 30 mins	2016	\$0.61	\$11.43	\$12.03
Route 1 - Expand Service: 6:00AM to 8:00PM	2016	\$0.00	\$3.12	\$3.12
Route 1 - Add Saturday Service	2016	\$0.00	\$2.33	\$2.33
Route 2 - Expand Service: 6:00AM to 8:00PM	2016	\$0.00	\$1.56	\$1.56
Route 2 - Add Saturday Service	2016	\$0.00	\$1.17	\$1.17
Route 2 - Improve Frequency to 30 mins	2016	\$0.61	\$7.27	\$7.88
Route 3 - Expand Service: 6:00AM to 8:00PM	2016	\$0.00	\$1.56	\$1.56
Route 3 - Add Saturday Service	2016	\$0.00	\$1.17	\$1.17
Route 3 - Improve Frequency to 30 mins	2016	\$0.61	\$7.27	\$7.88
Expanded Paratransit Service (ADA and TD)	2016	\$0.00	\$3.32	\$3.32
PSL Trolley - Combine with Route 5	Unfunded	\$0.00	\$0.00	\$0.00
Route 5 - Extend to US 1	Unfunded	\$0.00	\$0.00	\$0.00
New Service Expansion				
Ft. Pierce/PSL Express	Unfunded	\$0.00	\$0.00	\$0.00
Midway Rd/Health Dept	Unfunded	\$0.00	\$0.00	\$0.00
Tri-Rail Express Connection	Unfunded	\$0.00	\$0.00	\$0.00
Sunrise Blvd/Lawnwood/IRSC	Unfunded	\$0.00	\$0.00	\$0.00
I-95 Palm Beach Express	Unfunded	\$0.00	\$0.00	\$0.00
Tradition Circulator	Unfunded	\$0.00	\$0.00	\$0.00
Turnpike Palm Beach Express	Unfunded	\$0.00	\$0.00	\$0.00
North Hutchinson Island	Unfunded	\$0.00	\$0.00	\$0.00
South County Circulator	Unfunded	\$0.00	\$0.00	\$0.00
Torino Flex	Unfunded	\$0.00	\$0.00	\$0.00
New Administration & Operation Facility	Unfunded	\$0.00	\$0.00	\$0.00

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Federal and State Funds
(65% / 35% TMA Split)

Project Number	On Street	From	To	Improvement	Project Source	Total Cost (YOE)
2021-2025						
402a	Kings Hwy	N. of I-95 Overpass	St. Lucie Blvd	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$27,510,000
408	Port St. Lucie Blvd	Paar Dr.	Darwin Rd.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$17,800,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$6,750,000
	Walk-Bike Network Improvements			Potential projects below	2040 Walk-Bike Network	\$3,270,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$4,410,000
2026-2030						
402b	Kings Hwy	St. Lucie Blvd	Indrio Rd	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$40,000,000
413	Midway Rd.	Glades Cut-Off Rd.	Selvitz Rd.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$24,050,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$17,600,000
	Walk-Bike Network Improvements			Potential projects below	2040 Walk-Bike Network	\$4,210,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$9,870,000
2031-2040						
407	Port St. Lucie Blvd	Becker Rd	Paar Dr.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$29,360,000
450c	Jenkins Rd.	Angle Rd	St Lucie Blvd	New 4 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$36,540,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$35,000,000
	Walk-Bike Network Improvements			Potential projects below	2040 Walk-Bike Network	\$15,790,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$51,810,000
Walk-Bike Network Improvements						
	Oleander Avenue	Midway Road	Market Avenue	Sidewalk-1.3 miles	2015 TA Grant Application	\$1,202,125
	Walton Road	Lennard Road	Green River Parkway	Sidewalk-1.1 miles	St. Lucie County School District	\$632,730
	17th Street Sidewalk Gaps	Georgia Avenue	Avenue Q	Sidewalk-1.7 miles	2010/11 LOPP	\$222,700
	East Torino Parkway	Volucia Drive	Conus Street	Sidewalk-0.4 miles	St. Lucie County School District	\$220,080
	North Macedo Boulevard	Selvitz Road	St. James Drive	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$688,038
	Selvitz Road	Milner Drive	Peachtree Boulevard	Sidewalk-0.8 miles	2010/11 LOPP	\$520,397
	Thornhill Drive	Bayshore Boulevard	Airoso Boulevard	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$916,023
	Parr Drive	Savona Boulevard	Port St. Lucie Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List	\$529,837
	29th Street Sidewalk Gaps	Avenue I	Avenue Q	Sidewalk-0.5 miles	2010/11 LOPP	\$77,000
	Boston Avenue	25th Street	13th Street	Sidewalk-0.8 miles	2010/11 LOPP	\$123,200
	Curtis Street	Prima Vista Boulevard	Floresta Drive	Sidewalk-0.5 miles	Port St. Lucie Sidewalk List	\$710,895
	Weatherbee Road	U.S. Highway 1	Oleander Avenue	Sidewalk-0.5 miles	St. Lucie County School District	\$445,220
	Volucia Drive	Blanton Boulevard	Torino Parkway	Sidewalk-1.0 miles	St. Lucie County School District	\$870,425
	Oleander Avenue	Midway Road	Saeger Avenue	Sidewalk-1.5 miles	St. Lucie County School District	\$1,323,840
	29th Street	Avenue Q	Avenue T	Sidewalk-0.1 miles	2010/11 LOPP	\$19,700
	Alcantarra Boulevard	Port St. Lucie Boulevard	Savona Boulevard	Sidewalk-0.8 miles	St. Lucie County School District	\$703,290

St. Lucie TPO
GO2040 L RTP Cost Feasible Plan Alternatives
Alternative 2A - Federal and State Funds
(65% / 35% TMA Split)

Project Number	On Street	From	To	Improvement	Project Source	Total Cost (YOE)
	Floresta Drive	Port St. Lucie Boulevard	Southbend Boulevard	Sidewalk-0.6 miles	Port St. Lucie Sidewalk List #8	\$964,947
	Rosser Boulevard	Openview	Bamberg Street	Sidewalk-2.1 miles	Port St. Lucie Sidewalk List #1	\$1,999,182
	Florida East Coast Greenway	Martin Co Line	Downtown Ft Pierce	Multi-Use Trail per Mile (10'-12' width - 1 side)	2040 Needs Plan	\$6,757,225
	Florida East Coast Greenway, (SR A1A)	Ft Pierce	Indian River Co Line	Multi-Use Trail per Mile (10'-12' width - 1 side)	2040 Needs Plan	\$3,412,760
Developer Roads (2031-2040)						
2501	E-W-Road 6	Shinn Rd	Glades Cut-Off Rd	New 4 lane road	Developer agreement	\$83,440,000
2502	Williams Rd	Shinn Rd	McCarty Rd	New 2 lane road	Developer agreement	\$36,300,000
2503	Williams Ext	McCarty Rd	Glades Cutoff Rd	New 4 lane road	Developer agreement	\$64,870,000
2504	Newell Rd	Shinn Rd	Arterial A	New 4 lane road	Developer agreement	\$92,030,000
2505	Range Line Rd	Glades Cut-Off Rd	Midway Rd	New 4 lane road	Developer agreement	\$92,820,000
2506	Shinn Rd	Midway Rd	Glades Cut-Off Rd	New 4 lane road	Developer agreement	\$84,260,000
2507	McCarty Rd	Williams Rd	Midway Rd	Add 2 lanes	Developer agreement	\$32,120,000
2508	McCarty Rd	Glades Cut-Off Rd	Williams Rd	New 4 lane road	Developer agreement	\$71,530,000
2509	Arterial A	Glades Cut-Off Rd	Midway Rd	New 4 lane road	Developer agreement	\$84,570,000
2601	Becker Rd	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$154,000,000
2602	Paar Dr (West)	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$153,630,000
2603	Open View Dr (West)	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$142,120,000
2604	E-W Road 2	Village Pkwy	N-S Road A	New 4 lane road	Developer agreement	\$96,590,000
2605	Discovery Way	Village Pkwy	Community Blvd	Add 2 lanes	Developer agreement	\$6,950,000
2606	Discovery Way	Community Blvd	Range Line Rd	New 4 lane road	Developer agreement	\$109,920,000
2607	Stony Creek Way	Range Line Rd	Tradition Pkwy	New 4 lane road	Developer agreement	\$60,660,000
2608	Tradition Pkwy	Range Line Rd	Stony Creek Way	New 4 lane road	Developer agreement	\$74,720,000
2609	Crosstown Pkwy	Range Line Rd	Village Pkwy	New 4 lane road	Developer agreement	\$98,110,000
2610	N-S Road A	Crosstown Pkwy	Becker Rd	New 4 lane road	Developer agreement	\$185,790,000
2611	N-S Road B	Becker Rd	Discovery Way	New 4 lane road	Developer agreement	\$101,480,000
2612	Community Blvd	Discovery Way	Becker Rd	New 4 lane road	Developer agreement	\$101,300,000
2701	Turnpike/I-95 Connector	Florida's Turnpike	I-95	New 4 lane road	Developer agreement	\$188,750,000
Bus Service (2021-2040)						
	Continued Operations Cost for Routes 1-7*					\$189,364,000
	Vehicle Replacement (Capital) Cost for Routes 1-7*					\$46,288,000

* - Funding for the existing transit system includes a transfer of General Fund revenues, or other revenues, to continue the current level of transit service

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Only State and Federal Funds
(65% / 35% TMA Split)

State and Federal Revenues		2021-2025	2026-2030	2031-2040	Total
State - Other Arterial (OA)*	Revenue Available	\$61.00	\$57.71	\$126.15	\$244.85
	Project Costs	\$61.00	\$57.70	\$126.15	\$244.85
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00
Federal - Transportation Management Area (TMA)	Revenue Available	\$16.51	\$16.51	\$33.02	\$66.04
	Project Costs	\$16.51	\$16.51	\$33.02	\$66.04
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00
Federal - Transportation Alternatives (TA)	Revenue Available	\$3.27	\$3.27	\$6.54	\$13.08
	Project Costs	\$3.27	\$3.27	\$6.54	\$13.08
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00

* Revenue estimate includes 22% for design and engineering phases.

Local Revenues		2021-2025	2026-2030	2031-2040	Total
Developer Revenues	Revenue Available	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Project Costs	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00

Revenue Summary		2021-2025	2026-2030	2031-2040	Total
Federal and State Revenues	Revenue Available	\$80.78	\$77.49	\$165.7	\$323.97
	Project Costs	\$80.78	\$77.48	\$165.7	\$323.98
	Remaining Available	\$0.00	\$0.00	-\$0.01	\$0.00
Developer Revenues	Revenue Available	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Project Costs	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00
All Revenues	Revenue Available	\$80.78	\$77.49	\$2,281.66	\$2,439.93
	Project Costs	\$80.78	\$77.48	\$2,281.67	\$2,439.93
	Remaining Available	\$0.00	\$0.00	-\$0.01	\$0.00

Transit System Revenues		2021-2025	2026-2030	2031-2040	Total
Existing Revenue Sources	Federal Revenues	\$20.03	\$18.71	\$39.44	\$78.18
	State Revenues	\$3.78	\$3.97	\$8.55	\$16.30
	Local Revenues	\$18.03	\$22.32	\$54.22	\$94.57
	Capital Costs	\$12.38	\$10.90	\$23.00	\$46.29
	Operating Costs	\$38.97	\$44.09	\$106.31	\$189.36
	Other Revenue Needed*	\$9.52	\$10.00	\$27.10	\$46.61

* - Funding for the existing transit system includes a transfer of General Fund revenues, or other revenues, to continue the current level of transit service.

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Only State and Federal Funds
(65% / 35% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOE)	
						Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million		
SIS Roadways																
1535	I-95	N. of Glades Cut-Off Rd.	S. of SR 70	6F	8F			\$1.71						\$42.16	\$43.87	
1536	I-95	N. of Becker Rd	N. of Glades Cut-Off Rd.	6F	8F			\$8.19						\$132.48	\$140.67	
550	Florida's Turnpike	Midway Rd.			New Interchange		Unfunded	\$0.00				Unfunded			\$0.00	
State Roadways																
402a	Kings Hwy	N. of I-95 Overpass	St. Lucie Blvd	2U	4D	OA	2021-2025	\$3.82	OA	2021-2025	\$8.69	OA	2021-2025	\$14.99	\$27.51	
402b	Kings Hwy	St. Lucie Blvd	Indrio Rd	2U	4D	OA	2021-2025	\$5.08	OA	2021-2025	\$11.53	OA	2026-2030	\$23.39	\$40.00	
500	US 1	Martin County	Indian River County	Operational Improvements									OA	2021-2025	\$6.75	\$59.35
													OA	2026-2030	\$17.60	
													OA	2031-2040	\$35.00	
401	Kings Hwy	Indrio Rd	US 1	2U	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	
	Congestion Management Program - State Roads											OA	2021-2025	\$4.41	\$4.41	
												OA	2026-2030	\$9.87	\$9.87	
												OA	2031-2040	\$51.81	\$51.81	
	Walk / Bike Improvements on State Roads (illustrative projects below)					OA	2026-2030	\$0.94				OA	2031-2040	\$9.25	\$10.19	
	Florida East Coast Greenway	Martin County	Fort Pierce													
	Florida East Coast Greenway (SR A1A)	Fort Pierce	Indian River County													
Local Roads																
408	Port St. Lucie Blvd	Paar Dr.	Darwin Rd.	2U	4D		Completed			Underway	\$0.00	TMA	2021-2025	\$16.51	\$17.80	
												OA	2021-2025	\$1.29		
413	Midway Rd.	Glades Cut-Off Rd.	Selvitz Rd.	2U	4D		Committed		OA	2021-2025	\$4.44	TMA	2026-2030	\$14.76	\$24.05	
												OA	2026-2030	\$4.86		
407	Port St. Lucie Blvd	Becker Rd	Paar Dr.	2U	4D			\$1.75	TMA	2031-2040	\$8.12	TMA	2031-2040	\$2.68	\$29.36	
												OA	2026-2030	\$1.04		
414	St. Lucie West Blvd	E of I-95	Cashmere Blvd	4D	6D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	
450a	Jenkins Rd.	Midway Rd	Okeechobee Rd	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	
450c	Jenkins Rd	Angle Rd	St Lucie Blvd	00	4D			\$4.30	TMA	2031-2040	\$9.77	TMA	2031-2040	\$8.15	\$36.54	
												OA	2031-2040	\$14.32		
404	Selvitz Rd	Glades Cut-Off Rd	Edwards Rd	2U	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	
450b	Jenkins Rd	Okeechobee Rd	Angle Rd	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
403	Glades Cut-Off Rd	Commerce Ctr Dr	Selvitz Rd	2U	2U		Unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
2702	Airport Connector	I-95	Kings Highway	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
2703	North Mid-County Connector	Midway Rd	Florida'S Turnpike	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	
415	Floresta Dr	South Bend Blvd	Port St Lucie Blvd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Only State and Federal Funds
(65% / 35% TMA Split)



Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOY)
						Source	Timing	Cost (YOY) \$ million	Source	Timing	Cost (YOY) \$ million	Source	Timing	Cost (YOY) \$ million	
428	Savona Blvd	Gatlin Blvd	California Blvd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00
406	East Torino Pkwy	Cashmere Blvd	Midway Rd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00
416	South Bend Blvd	Becker Rd	Floresta Dr	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00
405	California Blvd	Savona Blvd	St Lucie West Blvd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00
500	Floresta Dr	Port St Lucie Blvd	Crosstown Parkway	Operational Improvements									unfunded	\$0.00	\$0.00
Congestion Management Program- St Lucie County													unfunded	\$0.00	\$0.00
Congestion Management Program - Port St. Lucie													unfunded	\$0.00	\$0.00
Congestion Management Program - Fort Pierce													unfunded	\$0.00	\$0.00
Pavement Management Program - St Lucie County													unfunded	\$0.00	\$0.00
Pavement Management Program - Port St Lucie													unfunded	\$0.00	\$0.00
Pavement Management Program - Fort Pierce													unfunded	\$0.00	\$0.00
Walk / Bike Improvements on non-State Roads (illustrative projects below)						TA	2021-2025	\$0.49				TA	2021-2025	\$2.78	\$13.08
						TA	2026-2030	\$0.49			TA	2026-2030	\$2.78		
						TA	2031-2040	\$0.98			TA	2031-2040	\$5.56		
	Oleander Avenue	Midway Rd	Market Ave												
	Walton Rd	Lennard Rd	Green River Pkwy												
	17th Street Sidewalk Gaps	Georgia Ave.	Avenue Q.												
	East Torino Pkwy	Volucia Dr.	Conus St.												
	North Macedo Boulevard	Selvitz Rd	St. James Dr.												
	Selvitz Rd.	Milner Dr.	Peachtree Blvd.												
	Thornhill Dr.	Bayshore Blvd.	Airoso Blvd.												
	Parr Dr.	Savona Blvd.	Port St. Lucie Blvd.												
	29th Street Sidewalk Gaps	Avenue I	Avenue Q.												
	Boston Avenue	25th Street	13th Street												
	Curtis Street	Prima Vista Boulevard	Floresta Drive												
	Weatherbee Road	U.S. Highway 1	Oleander Avenue												
	Volucia Drive	Blanton Boulevard	Torino Parkway												
	Oleander Avenue	Midway Road	Saeger Avenue												
	29th Street	Avenue Q	Avenue T												
	Alcantarra Boulevard	Port St. Lucie Boulevard	Savona Boulevard												
	Floresta Drive	Port St. Lucie Boulevard	Southbend Boulevard												
	Rosser Boulevard	Openview	Bamberg Street												
Developer Roads (funded with Developer and County funds)															
2501	E-W-Road 6	Shinn Rd	Glades Cut-Off Rd	00	4D	Dev	2031-2040	\$9.82	Dev	2031-2040	\$22.31	Dev	2031-2040	\$51.32	\$83.44
2502	Williams Rd	Shinn Rd	Mccarty Rd	00	2U	Dev	2031-2040	\$4.27	Dev	2031-2040	\$9.71	Dev	2031-2040	\$22.32	\$36.30
2503	Williams Ext	Mccarty Rd	Glades Cutoff Rd	00	4D	Dev	2031-2040	\$7.63	Dev	2031-2040	\$17.34	Dev	2031-2040	\$39.89	\$64.87
2504	Newell Rd	Shinn Rd	Arterial A	00	4D	Dev	2031-2040	\$10.83	Dev	2031-2040	\$24.61	Dev	2031-2040	\$56.59	\$92.03
2505	Range Line Rd	Glades Cut-Off Rd	Midway Rd	00	4D	Dev	2031-2040	\$10.92	Dev	2031-2040	\$24.82	Dev	2031-2040	\$57.08	\$92.82
2506	Shinn Rd	Midway Rd	Glades Cut-Off Rd	00	4D	Dev	2031-2040	\$9.91	Dev	2031-2040	\$22.53	Dev	2031-2040	\$51.82	\$84.26
2507	Mccarty Rd	Williams Rd	Midway Rd	2U	4D	Dev	2031-2040	\$3.78	Dev	2031-2040	\$8.59	Dev	2031-2040	\$19.75	\$32.12
2508	Mccarty Rd	Glades Cut-Off Rd	Williams Rd	00	4D	Dev	2031-2040	\$8.42	Dev	2031-2040	\$19.13	Dev	2031-2040	\$43.99	\$71.53
2509	Arterial A	Glades Cut-Off Rd	Midway Rd	00	4D	Dev	2031-2040	\$9.95	Dev	2031-2040	\$22.61	Dev	2031-2040	\$52.01	\$84.57
2601	Becker Rd	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$18.12	Dev	2031-2040	\$41.18	Dev	2031-2040	\$94.70	\$154.00
2602	Paar Dr (West)	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$18.07	Dev	2031-2040	\$41.08	Dev	2031-2040	\$94.48	\$153.63
2603	Open View Dr (West)	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$16.72	Dev	2031-2040	\$38.00	Dev	2031-2040	\$87.40	\$142.12
2604	E-W Road 2	Village Pkwy	N-S Road A	00	4D	Dev	2031-2040	\$11.36	Dev	2031-2040	\$25.83	Dev	2031-2040	\$59.40	\$96.59
2605	Discovery Way	Village Pkwy	Community Blvd	2D	4D	Dev	2031-2040	\$0.82	Dev	2031-2040	\$1.86	Dev	2031-2040	\$4.27	\$6.95
2606	Discovery Way	Community Blvd	Range Line Rd	00	4D	Dev	2031-2040	\$12.93	Dev	2031-2040	\$29.39	Dev	2031-2040	\$67.60	\$109.92

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2A - Only State and Federal Funds
(65% / 35% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOE)
						Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	
2607	Stony Creek Way	Range Line Rd	Tradition Pkwy	00	4D	Dev	2031-2040	\$7.14	Dev	2031-2040	\$16.22	Dev	2031-2040	\$37.31	\$60.66
2608	Tradition Pkwy	Range Line Rd	Stony Creek Way	00	4D	Dev	2031-2040	\$8.79	Dev	2031-2040	\$19.98	Dev	2031-2040	\$45.95	\$74.72
2609	Crosstown Pkwy	Range Line Rd	Village Pkwy	00	4D	Dev	2031-2040	\$11.54	Dev	2031-2040	\$26.23	Dev	2031-2040	\$60.34	\$98.11
2610	N-S Road A	Crosstown Pkwy	Becker Rd	00	4D	Dev	2031-2040	\$21.86	Dev	2031-2040	\$49.68	Dev	2031-2040	\$114.26	\$185.79
2611	N-S Road B	Becker Rd	Discovery Way	00	4D	Dev	2031-2040	\$11.94	Dev	2031-2040	\$27.13	Dev	2031-2040	\$62.41	\$101.48
2612	Community Blvd	Discovery Way	Becker Rd	00	4D	Dev	2031-2040	\$11.92	Dev	2031-2040	\$27.09	Dev	2031-2040	\$62.30	\$101.30
2701	Turnpike/I-95 Connector	Florida's Turnpike	I-95	00	4D	Dev	2031-2040	\$21.86	Dev	2031-2040	\$9.39	Dev	2031-2040	\$157.51	\$188.75
Transit Service Description			Service Start Year	Capital Cost				Operating Cost				Total Cost			
Transit System															
Continue Existing Fixed-Route Service (Routes 1 through 6)								\$18.95			\$45.72				\$64.66
Continue Existing Paratransit Service (ADA and TD)								\$23.66			\$97.74				\$121.41
Lakewood Park - New Local Service				2015				\$1.42			\$5.71				\$7.13
Bus Stop Infrastructure Upgrades				On-Going				\$0.44			\$0.00				\$0.44
Existing Service Improvements															
Route 1 - Improve Frequency to 30 mins				2016				\$0.61			\$11.43				\$12.03
Route 1 - Expand Service: 6:00AM to 8:00PM				2016				\$0.00			\$3.12				\$3.12
Route 1 - Add Saturday Service				2016				\$0.00			\$2.33				\$2.33
Route 2 - Expand Service: 6:00AM to 8:00PM				2016				\$0.00			\$1.56				\$1.56
Route 2 - Add Saturday Service				2016				\$0.00			\$1.17				\$1.17
Route 2 - Improve Frequency to 30 mins				2016				\$0.61			\$7.27				\$7.88
Route 3 - Expand Service: 6:00AM to 8:00PM				2016				\$0.00			\$1.56				\$1.56
Route 3 - Add Saturday Service				2016				\$0.00			\$1.17				\$1.17
Route 3 - Improve Frequency to 30 mins				2016				\$0.61			\$7.27				\$7.88
Expanded Paratransit Service (ADA and TD)				2016				\$0.00			\$3.32				\$3.32
PSL Trolley - Combine with Route 5				Unfunded				\$0.00			\$0.00				\$0.00
Route 5 - Extend to US 1				Unfunded				\$0.00			\$0.00				\$0.00
New Service Expansion															
Ft. Pierce/PSL Express				Unfunded				\$0.00			\$0.00				\$0.00
Midway Rd/Health Dept				Unfunded				\$0.00			\$0.00				\$0.00
Tri-Rail Express Connection				Unfunded				\$0.00			\$0.00				\$0.00
Sunrise Blvd/Lawnwood/IRSC				Unfunded				\$0.00			\$0.00				\$0.00
I-95 Palm Beach Express				Unfunded				\$0.00			\$0.00				\$0.00
Tradition Circulator				Unfunded				\$0.00			\$0.00				\$0.00
Turnpike Palm Beach Express				Unfunded				\$0.00			\$0.00				\$0.00
North Hutchinson Island				Unfunded				\$0.00			\$0.00				\$0.00
South County Circulator				Unfunded				\$0.00			\$0.00				\$0.00
Torino Flex				Unfunded				\$0.00			\$0.00				\$0.00
New Administration & Operation Facility				Unfunded				\$0.00			\$0.00				\$0.00

St. Lucie TPO 2040 Long Range Transportation Plan (LRTP) 2040 Cost Feasible Plan 2A Roadway Improvements and Bus Service

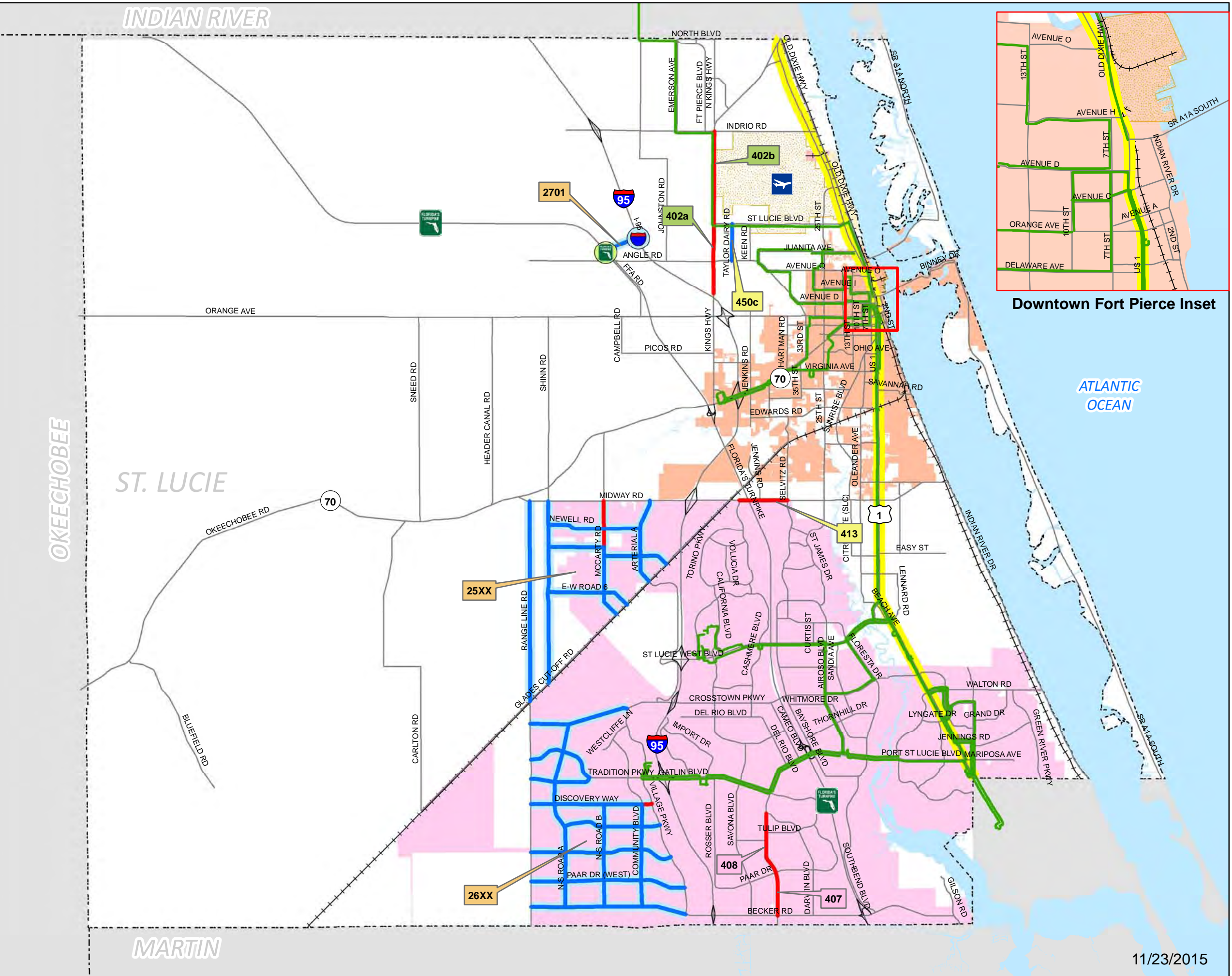
Legend

- Add 2 Lanes
- New Road
- Bus Service, Rte 1-7
-  New Interstate Interchange
-  New Turnpike Interchange
- Ramps
- Developer Road
- Operational Improvement
- Proposed FLZ Rail Line
- Proposed Freight Logistics Zones
- Fort Pierce
- Port St. Lucie
- St. Lucie Village
- 401 State Project
- 403 County Project
- 406 City Project (PSL)
- 25XX Developer Project

*Note: Road network is E+C with additional improvements to 2040 CF Plan 2A conditions.
Source: T.O. vTIMAS (Network)*



Downtown Fort Pierce Inset



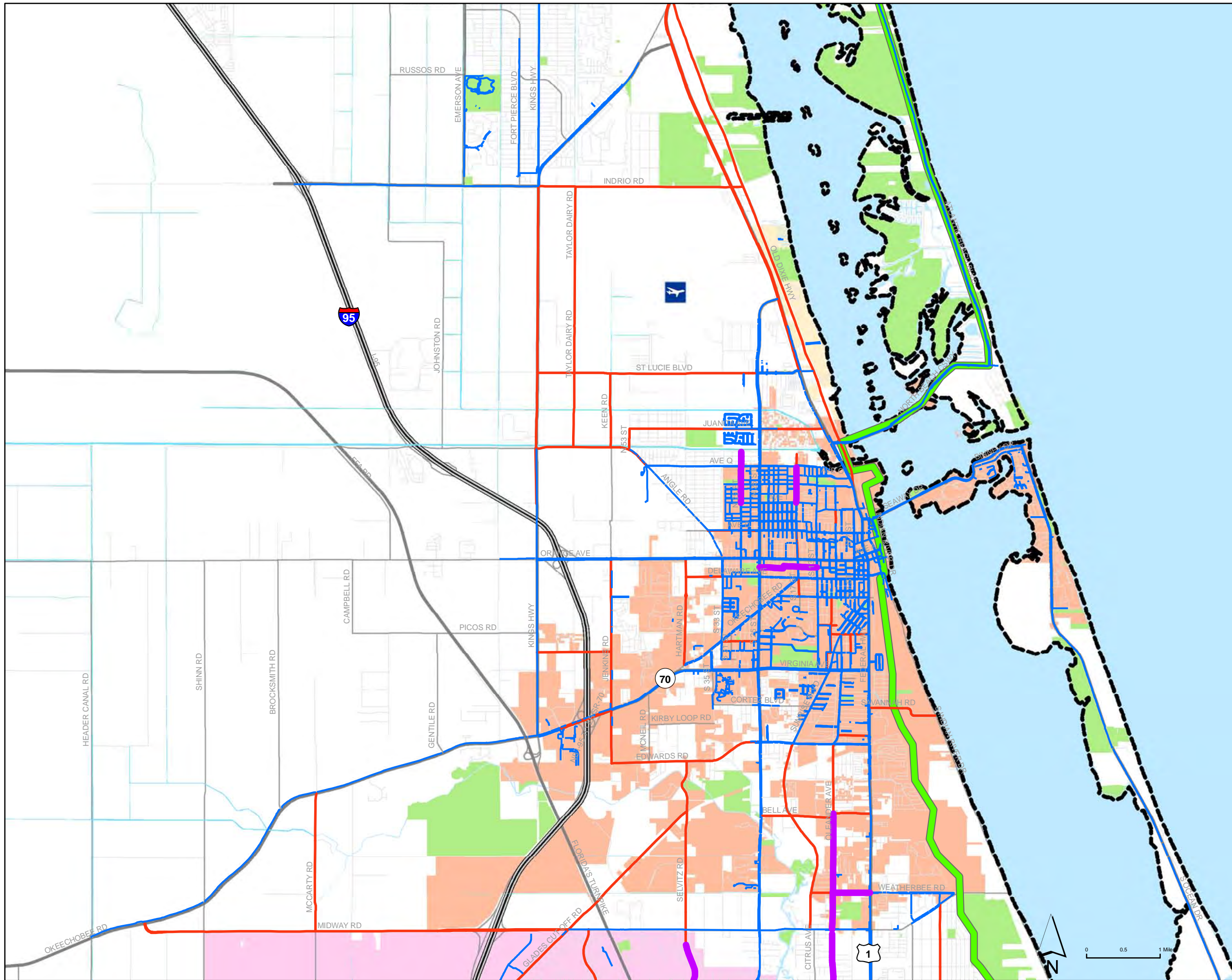
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








Go2040

St. Lucie TPO
Long Range Transportation Plan

**St. Lucie TPO
2040 Long Range
Transportation Plan (LRTP)
Map 2, Alt 2A (68/32 and 65/35)
Walk-Bike Network, North**



LEGEND

-  School
-  Existing Sidewalks & Bike Lanes & Striped Shoulders (Width Varies) From Bike/Ped Inventory and FY 2015/16 - FY 2019/20 TIP
-  Needed Sidewalks & Bike Lanes & Striped Shoulders From Bike/Ped Inventory and FY 2015 - 2016 LOPP
-  Other Streets (95% Residential) Without Sidewalks & Bike Lanes & Striped Shoulders
-  Funded Sidewalks
-  East Coast Greenway
-  St. Lucie Parks and Preserves
-  Fort Pierce
-  Port St. Lucie
-  St. Lucie Village

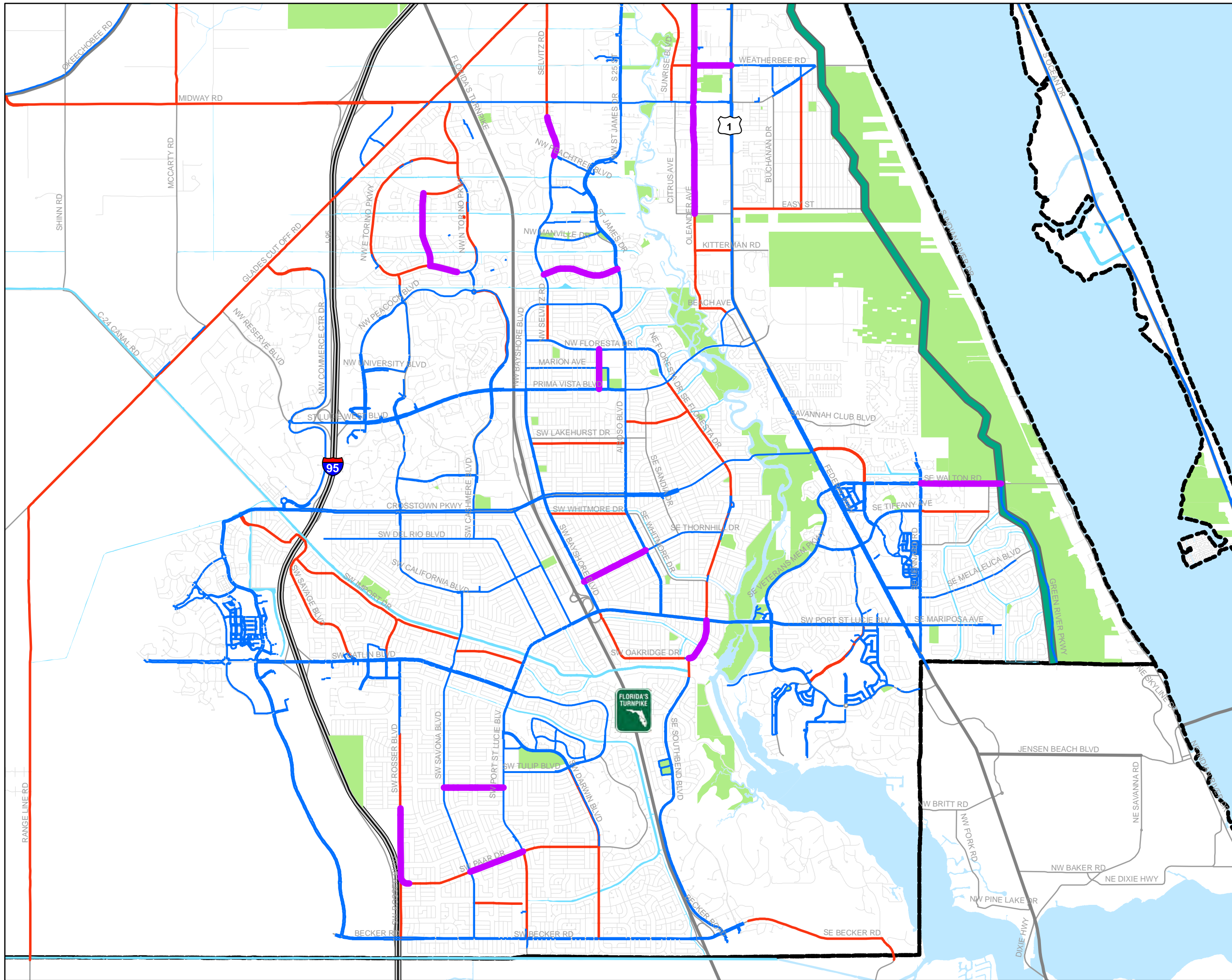
Source: St. Lucie TPO map packages

Date: 11/24/2015











Go2040
St. Lucie TPO
Long Range Transportation Plan

**St. Lucie TPO
2040 Long Range
Transportation Plan (LRTP)
Map 3, Alt 2A (68/32 and 65/35)
Walk-Bike Network, South**



LEGEND

-  School
-  Existing Sidewalks & Bike Lanes & Striped Shoulders (Width Varies) From Bike/Ped Inventory and FY 2015/16 - FY 2019/20 TIP
-  Needed Sidewalks & Bike Lanes & Striped Shoulders From Bike/Ped Inventory and FY 2015 - 2016 LOPP
-  Other Streets (95% Residential) Without Sidewalks & Bike Lanes & Striped Shoulders
-  Funded Sidewalks
-  East Coast Greenway
-  St. Lucie Parks and Preserves

 0 0.5 1 Miles

Source: St. Lucie TPO map packages

Date: 11/24/2015



Go2040
St. Lucie TPO
Long Range Transportation Plan

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	Improvement	Project Source	Total Cost (YOE)
2021-2025						
402a	Kings Hwy	N. of I-95 Overpass	St. Lucie Blvd	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$27,510,000
408	Port St. Lucie Blvd	Paar Dr.	Darwin Rd.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$17,800,000
413	Midway Rd.	Glades Cut-Off Rd.	Selvitz Rd.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$21,910,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$6,750,000
	Walk-Bike Network Improvements			See accompanying table	2040 Walk-Bike Network	\$16,840,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$6,640,000
	Pavement Management Program - Fort Pierce			Resurfacing	2040 Needs Plan	\$2,290,000
	Pavement Management Program - Port St. Lucie			Resurfacing	2040 Needs Plan	\$5,540,000
	Pavement Management Program - St. Lucie County			Resurfacing	2040 Needs Plan	\$6,940,000
2026-2030						
402b	Kings Hwy	St. Lucie Blvd	Indrio Rd	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$40,000,000
407	Port St. Lucie Blvd	Becker Rd	Paar Dr.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$24,540,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$17,600,000
	Walk-Bike Network Improvements			See accompanying table	2040 Walk-Bike Network	\$19,590,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$12,920,000
	Pavement Management Program - Fort Pierce			Resurfacing	2040 Needs Plan	\$2,870,000
	Pavement Management Program - Port St. Lucie			Resurfacing	2040 Needs Plan	\$6,930,000
	Pavement Management Program - St. Lucie County			Resurfacing	2040 Needs Plan	\$8,690,000
2031-2040						
450c	Jenkins Rd.	Angle Rd.	St. Lucie Blvd	New 4 lane road	2040 Needs Plan	\$33,470,000
415	Floresta Dr	South Bend Blvd	Port St. Lucie Blvd	Add 2 lanes, bike lanes, sidewalks	2040 Needs Plan	\$15,660,000
500	Floresta Dr	Port St. Lucie Blvd	Crosstown Parkway	Operational Improvements	2040 Needs Plan	\$27,030,000
403b	Glades Cut-Off Rd	Midway Rd	Selvitz Rd.	Add 2 lanes, bike lanes, sidewalks	2040 Needs Plan	\$56,710,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$35,000,000
	Walk-Bike Network Improvements			See accompanying table	2040 Walk-Bike Network	\$52,460,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$62,450,000
	Pavement Management Program - Fort Pierce			Resurfacing	2040 Needs Plan	\$9,850,000

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	Improvement	Project Source	Total Cost (VOE)
	Pavement Management Program - Port St. Lucie			Resurfacing	2040 Needs Plan	\$22,500,000
	Pavement Management Program - St. Lucie County			Resurfacing	2040 Needs Plan	\$28,490,000
Developer Roads (2031-2040)						
2501	E-W-Road 6	Shinn Rd	Glades Cut-Off Rd	New 4 lane road	Developer agreement	\$83,440,000
2502	Williams Rd	Shinn Rd	McCarty Rd	New 2 lane road	Developer agreement	\$36,300,000
2503	Williams Ext	McCarty Rd	Glades Cutoff Rd	New 4 lane road	Developer agreement	\$64,870,000
2504	Newell Rd	Shinn Rd	Arterial A	New 4 lane road	Developer agreement	\$92,030,000
2505	Range Line Rd	Glades Cut-Off Rd	Midway Rd	New 4 lane road	Developer agreement	\$92,820,000
2506	Shinn Rd	Midway Rd	Glades Cut-Off Rd	New 4 lane road	Developer agreement	\$84,260,000
2507	McCarty Rd	Williams Rd	Midway Rd	Add 2 lanes	Developer agreement	\$32,120,000
2508	McCarty Rd	Glades Cut-Off Rd	Williams Rd	New 4 lane road	Developer agreement	\$71,530,000
2509	Arterial A	Glades Cut-Off Rd	Midway Rd	New 4 lane road	Developer agreement	\$84,570,000
2601	Becker Rd	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$154,000,000
2602	Paar Dr (West)	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$153,630,000
2603	Open View Dr (West)	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$142,120,000
2604	E-W Road 2	Village Pkwy	N-S Road A	New 4 lane road	Developer agreement	\$96,590,000
2605	Discovery Way	Village Pkwy	Community Blvd	Add 2 lanes	Developer agreement	\$6,950,000
2606	Discovery Way	Community Blvd	Range Line Rd	New 4 lane road	Developer agreement	\$109,920,000
2607	Stony Creek Way	Range Line Rd	Tradition Pkwy	New 4 lane road	Developer agreement	\$60,660,000
2608	Tradition Pkwy	Range Line Rd	Stony Creek Way	New 4 lane road	Developer agreement	\$74,720,000
2609	Crosstown Pkwy	Range Line Rd	Village Pkwy	New 4 lane road	Developer agreement	\$98,110,000
2610	N-S Road A	Crosstown Pkwy	Becker Rd	New 4 lane road	Developer agreement	\$185,790,000
2611	N-S Road B	Becker Rd	Discovery Way	New 4 lane road	Developer agreement	\$101,480,000
2612	Community Blvd	Discovery Way	Becker Rd	New 4 lane road	Developer agreement	\$101,300,000
2701	Turnpike/I-95 Connector	Florida'S Turnpike	I-95	New 4 lane road	Developer agreement	\$188,750,000
Bus Service (2021-2040)						
	Continued Operations Cost for Routes 1-7					\$189,574,000
	Vehicle Replacement (Capital) Cost for Routes 1-7					\$47,621,000
	Operations Cost for New Express and Circulator Service					\$4,601,000
	Vehicle Replacement (Capital) Cost for New Express and Circulator Service					\$6,391,000
	New Administration & Operation Facility					\$10,000,000



**St. Lucie TPO
GO2040 LRTP
Prioritized List of Sidewalk Gap Projects**

On Street	From	To	Project Description	Project Cost Source	Estimated Costs (Present Day)	Estimated Costs		
						2021-2025	2026-2030	2031-2040
2015/2016 Transportation Alternatives (TA) Priority Sidewalk Gaps								
Oleander Avenue	Midway Road	Market Avenue	Sidewalk-1.3 miles	2015 TA Grant Application	\$917,653	\$1,202,125	\$1,413,186	\$1,807,776
Walton Road	Lennard Road	Green River Parkway	Sidewalk-1.1 miles	St. Lucie County School District	\$483,000	\$632,730	\$743,820	\$951,510
17th Street Sidewalk Gaps	Georgia Avenue	Avenue Q	Sidewalk-1.7 miles	2010/11 LOPP	\$170,000	\$222,700	\$261,800	\$334,900
East Torino Parkway	Volucia Drive	Conus Street	Sidewalk-0.4 miles	St. Lucie County School District	\$168,000	\$220,080	\$258,720	\$330,960
North Macedo Boulevard	Selvitz Road	St. James Drive	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$525,220	\$688,038	\$808,839	\$1,034,683
Selvitz Road	Milner Drive	Peachtree Boulevard	Sidewalk-0.8 miles	2010/11 LOPP	\$337,920	\$442,675	\$520,397	\$665,702
Thornhill Drive	Bayshore Boulevard	Airosa Boulevard	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$594,820	\$779,214	\$916,023	\$1,171,795
Parr Drive	Savona Boulevard	Port St. Lucie Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List	\$344,050	\$450,706	\$529,837	\$677,779
29th Street Sidewalk Gaps	Avenue I	Avenue Q	Sidewalk-0.5 miles	2010/11 LOPP	\$50,000	\$65,500	\$77,000	\$98,500
Boston Avenue	25th Street	13th Street	Sidewalk-0.8 miles	2010/11 LOPP	\$80,000	\$104,800	\$123,200	\$157,600
Curtis Street	Prima Vista Boulevard	Floresta Drive	Sidewalk-0.5 miles	Port St. Lucie Sidewalk List	\$461,620	\$604,722	\$710,895	\$909,391
Weatherbee Road	U.S. Highway 1	Oleander Avenue	Sidewalk-0.5 miles	St. Lucie County School District	\$226,000	\$296,060	\$348,040	\$445,220
Volucia Drive	Blanton Boulevard	Torino Parkway	Sidewalk-1.0 miles	St. Lucie County School District	\$441,840	\$578,810	\$680,434	\$870,425
Oleander Avenue	Midway Road	Saeger Avenue	Sidewalk-1.5 miles	St. Lucie County School District	\$672,000	\$880,320	\$1,034,880	\$1,323,840
29th Street	Avenue Q	Avenue T	Sidewalk-0.1 miles	2010/11 LOPP	\$10,000	\$13,100	\$15,400	\$19,700
Alcantarra Boulevard	Port St. Lucie Boulevard	Savona Boulevard	Sidewalk-0.8 miles	St. Lucie County School District	\$357,000	\$467,670	\$549,780	\$703,290
Floresta Drive	Port St. Lucie Boulevard	Southbend Boulevard	Sidewalk-0.6 miles	Port St. Lucie Sidewalk List #8	\$489,821	\$641,666	\$754,324	\$964,947
Rosser Boulevard	Openview	Bamberg Street	Sidewalk-2.1 miles	Port St. Lucie Sidewalk List #1	\$1,014,813	\$1,329,405	\$1,562,812	\$1,999,182
Import Drive	Gatlin Boulevard	Savage Boulevard	Sidewalk-2.0 miles	Port St. Lucie Sidewalk List #3	\$1,255,161	\$1,644,261	\$1,932,948	\$2,472,667
Paar Drive	Bamberg Street	Savona Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List #2	\$1,014,728	\$1,329,294	\$1,562,681	\$1,999,014
Southbend Boulevard	Oakridge Drive	Eagle Drive	Bridge and Sidewalk-0.2 miles	Port St. Lucie Sidewalk List #13	\$1,526,084	\$1,999,170	\$2,350,169	\$3,006,385
Savage Boulevard	Import Drive	Gatlin Boulevard	Sidewalk-1.7 miles	Port St. Lucie Sidewalk List #4	\$1,293,199	\$1,694,091	\$2,547,602	\$3,254,420
Bayshore Boulevard	Mountwell Street	Port St. Lucie Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List #6	\$695,496	\$911,100	\$1,071,064	\$1,370,127
Emil Dr	Oleander Avenue	U.S. Highway 1	Sidewalk-0.4 miles	2014 TA Grant Application	\$347,487	\$455,208	\$535,130	\$684,549
Idol Drive	Charter School	Savona Boulevard	Sidewalk-0.7 miles	Port St. Lucie Sidewalk List #12	\$483,037	\$632,778	\$743,877	\$951,583
Oakridge Drive	Southbend Drive	Mountwell Street	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List #5	\$736,575	\$964,913	\$1,134,326	\$1,451,053
Selvitz Road	Floresta Drive	Bayshore Boulevard	Sidewalk-0.5 miles	Port St. Lucie Sidewalk List #10	\$962,435	\$1,260,790	\$1,482,150	\$1,895,997
Cashmere Boulevard	Charter School	Westgate K-8 School	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List #11	\$590,464	\$773,508	\$909,315	\$1,163,214
Tiffany Avenue	Lennard Road	Grand Drive	Sidewalk-0.9 miles	Port St. Lucie Sidewalk List #9	\$365,843	\$479,254	\$563,398	\$720,711
West Cedar Pedestrian Mall	2nd Street	FEC Railroad	Streetscape improvements	2011 TE Grant Application	\$440,756	\$577,390	\$678,764	\$868,289
GO2040 LRTP Candidate Sidewalk Gap Projects								
W MIDWAY RD	Selvitz Rd	25th	Sidewalk-0.99 miles	2040 LRTP Unit Cost Estimate	\$524,367	\$686,921	\$807,525	\$1,033,003
N KINGS HWY	Angle Rd	Indrio Rd	Sidewalk-3.55 miles	2040 LRTP Unit Cost Estimate	\$1,874,853	\$2,456,058	\$2,887,274	\$3,693,461
AVENUE D	Angle	25th	Sidewalk-0.7 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$367,766	\$481,773	\$566,359	\$724,498
SUNRISE BLVD	Midway	Edwards Rd	Sidewalk-2.68 miles	2040 LRTP Unit Cost Estimate	\$1,415,220	\$1,853,938	\$2,179,439	\$2,787,983
OKEECHOBEE RD	Hartman/Okeechobee	Georgia	Sidewalk-3.37 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,775,727	\$2,326,202	\$2,734,619	\$3,498,181
ST LUCIE BLVD	N Kings Hwy	25th	Sidewalk-2.98 miles	2040 LRTP Unit Cost Estimate	\$1,570,093	\$2,056,822	\$2,417,944	\$3,093,084
ANGLE RD	N Kings Hwy	Avenue Q	Sidewalk-1.59 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$839,107	\$1,099,230	\$1,292,225	\$1,653,041
N 53RD ST	Angle Rd	Juanita Ave	Sidewalk-0.29 miles	2040 LRTP Unit Cost Estimate	\$150,489	\$197,141	\$231,753	\$296,464
NW BLANTON BLVD	Volucia	East Torino	Sidewalk-0.56 miles	2040 LRTP Unit Cost Estimate	\$294,387	\$385,647	\$453,357	\$579,943
NW CALIFORNIA BLVD	West Torino	Wolverine	Sidewalk-0.14 miles	2040 LRTP Unit Cost Estimate	\$75,000	\$98,250	\$115,500	\$147,750
NW EAST TORINO PKWY	NW Blanton Blvd	Midway	Sidewalk-1.18 miles	2040 LRTP Unit Cost Estimate	\$623,194	\$816,384	\$959,718	\$1,227,691
NW NORTH TORINO PKWY	Shawbury	NW East Torino Pkwy	Sidewalk-0.65 miles	2040 LRTP Unit Cost Estimate	\$343,906	\$450,516	\$529,615	\$677,494
NW WEST TORINO PKWY	Shawbury	Volucia	Sidewalk-2.22 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,169,160	\$1,531,600	\$1,800,507	\$2,303,245
SE FLORESTA DR	Streamlet	Prima Vista	Sidewalk-2.53 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,333,095	\$1,746,355	\$2,052,967	\$2,626,198
SW FAIRGREEN RD	Crosstown	SW Cadima St	Sidewalk-1.02 miles	2040 LRTP Unit Cost Estimate	\$539,724	\$707,039	\$831,176	\$1,063,257
JUANITA AVE	N US HWY 1	N US HWY 1	Sidewalk-2.62 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,381,078	\$1,809,212	\$2,126,860	\$2,720,724
SE CALMOSO DR	Sandia	SE Floresta Dr	Sidewalk-0.6 miles	2040 LRTP Unit Cost Estimate	\$317,835	\$416,364	\$489,466	\$626,135
W MIDWAY RD	Okeechobee	Glades Cutoff	Sidewalk-7.83 miles	2040 LRTP Unit Cost Estimate	\$4,131,352	\$5,412,071	\$6,362,282	\$8,138,763
GLADES CUT OFF RD	Range Line Rd	Selvitz	Sidewalk-9.99 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$5,271,336	\$6,905,450	\$8,117,857	\$10,384,532
SELVITZ RD	W Midway Rd	Edwards Rd	Sidewalk-2.32 miles	2040 LRTP Unit Cost Estimate	\$1,225,663	\$1,605,619	\$1,887,521	\$2,414,556
S JENKINS RD	Orange	Orange	Sidewalk-2.74 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,448,052	\$1,896,949	\$2,230,001	\$2,852,663
W WEATHERBEE RD	Sunrise Blvd	Oleander	Sidewalk-0.30 miles	2040 LRTP Unit Cost Estimate	\$156,995	\$205,663	\$241,772	\$309,280
SE VILLAGE GREEN DR	Walton	US Hwy 1	Sidewalk-2.08 miles	2040 LRTP Unit Cost Estimate	\$1,097,064	\$1,437,154	\$1,689,478	\$2,161,216
SW DALTON AVE	Savona	Port St Lucie	Sidewalk-0.94 miles	2040 LRTP Unit Cost Estimate	\$493,788	\$646,862	\$760,434	\$972,762
SW DUVAL AVE	Bayshore	Airosa	Sidewalk-1.27 miles	2040 LRTP Unit Cost Estimate	\$672,596	\$881,101	\$1,035,798	\$1,325,014
SW WHITMORE DR	Bayshore	Airosa	Sidewalk-1.04 miles	2040 LRTP Unit Cost Estimate	\$551,072	\$721,905	\$848,652	\$1,085,613
SE MORNINGSIDE BLVD	Westmoreland	Port St Lucie	Sidewalk-2.22 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,173,332	\$1,537,064	\$1,806,931	\$2,311,463
HARTMAN RD	Okeechobee	Orange	Sidewalk-1.5 miles	2040 LRTP Unit Cost Estimate	\$790,017	\$1,034,923	\$1,216,627	\$1,556,334
N 10TH ST	Avenue E	Avenue H	Sidewalk-0.19 miles	2040 LRTP Unit Cost Estimate	\$98,003	\$128,383	\$150,924	\$193,065
OHIO AVE	S 11th St	US Hwy 1	Sidewalk-0.5 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$263,102	\$344,664	\$405,178	\$518,312
S 11TH ST	Virginia	Georgia	Sidewalk-0.99 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$520,128	\$681,368	\$800,997	\$1,024,652



**St. Lucie TPO
GO2040 LRTP
Prioritized List of Sidewalk Gap Projects**

On Street	From	To	Project Description	Project Cost Source	Estimated Costs (Present Day)	Estimated Costs		
						2021-2025	2026-2030	2031-2040
FARMERS MARKET RD	Oleander Ave	US Hwy 1	Sidewalk-0.51 miles	2040 LRTP Unit Cost Estimate	\$267,276	\$350,132	\$411,605	\$526,534
KITTERMAN RD	Oleander Ave	US Hwy 1	Sidewalk-0.5 miles	2040 LRTP Unit Cost Estimate	\$263,741	\$345,500	\$406,161	\$519,569
EDWARDS RD	Jenkins	25th	Sidewalk-2.1 miles	2040 LRTP Unit Cost Estimate	\$1,105,946	\$1,448,790	\$1,703,158	\$2,178,715
CALMOSO DR	Airoso	Sandia	Sidewalk-0.27 miles	2040 LRTP Unit Cost Estimate	\$143,011	\$187,345	\$220,237	\$281,732
NW SELVITZ RD	Milner	W Midway Rd	Sidewalk-0.2 miles	2040 LRTP Unit Cost Estimate	\$107,141	\$140,354	\$164,997	\$211,067
SW ABINGDON AVE	Import	Savona	Sidewalk-0.88 miles	2040 LRTP Unit Cost Estimate	\$462,763	\$606,220	\$712,656	\$911,644
KEEN RD	Angle	St Lucie Blvd	Sidewalk-1 miles	2040 LRTP Unit Cost Estimate	\$527,954	\$691,620	\$813,049	\$1,040,070
MISSISSIPPI AVE	13th St	10th St	Sidewalk-0.25 miles	2040 LRTP Unit Cost Estimate	\$134,487	\$176,178	\$207,110	\$264,940
OLEANDER AVE	South Market	Edwards Rd	Sidewalk-1.15 miles	2040 LRTP Unit Cost Estimate	\$604,259	\$791,579	\$930,559	\$1,190,390
QUINCY AVE	33rd/Okeechobee	25th	Sidewalk-0.48 miles	2040 LRTP Unit Cost Estimate	\$250,947	\$328,741	\$386,459	\$494,367
N OLD DIXIE HWY	Avenue M/US Hwy 1	Turnpike Feeder	Sidewalk-7.08 miles	2040 LRTP Unit Cost Estimate	\$3,735,213	\$4,893,129	\$5,752,228	\$7,358,370
SAVANNAH RD	US Hwy 1	Indian River	Sidewalk-0.96 miles	2040 LRTP Unit Cost Estimate	\$506,016	\$662,881	\$779,264	\$996,851
TAYLOR DAIRY RD	Angle Rd	Indrio Rd	Sidewalk-3.54 miles	2040 LRTP Unit Cost Estimate	\$1,865,580	\$2,443,909	\$2,872,993	\$3,675,192
INDRIO RD	N Kings Hwy	N Old Dixie Hwy	Sidewalk-2.78 miles	2040 LRTP Unit Cost Estimate	\$1,466,181	\$1,920,697	\$2,257,919	\$2,888,377
N US HIGHWAY 1	St Lucie Blvd	Turnpike Feeder	Sidewalk-10.12 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$5,339,267	\$6,994,440	\$8,222,472	\$10,518,357
DELAWARE AVE	Hartman	33rd	Sidewalk-0.5 miles	2040 LRTP Unit Cost Estimate	\$262,693	\$344,127	\$404,547	\$517,505
EASY ST	US Hwy 1	Silver Oak Dr	Sidewalk-0.93 miles	2040 LRTP Unit Cost Estimate	\$493,180	\$646,066	\$759,498	\$971,565
BELL AVE	25th	Oleander Ave	Sidewalk-0.98 miles	2040 LRTP Unit Cost Estimate	\$515,822	\$675,727	\$794,366	\$1,016,170
COLONIAL RD	Southern	Ohio Ave	Sidewalk-0.25 miles	2040 LRTP Unit Cost Estimate	\$132,648	\$173,769	\$204,278	\$261,316
OLEANDER AVE	Beach	N of Kitterman	Sidewalk-1.26 miles	2040 LRTP Unit Cost Estimate	\$665,377	\$871,644	\$1,024,681	\$1,310,793
SW CADIMA ST	SW Fairgreen Rd	Savage/Galiano	Sidewalk-0.15 miles	2040 LRTP Unit Cost Estimate	\$78,096	\$102,305	\$120,267	\$153,848
GRAHAM RD	Kings	Jenkins	Sidewalk-1 miles	2040 LRTP Unit Cost Estimate	\$529,668	\$693,864	\$815,688	\$1,043,445
MCCARTY RD	W Midway Rd	Okeechobee	Sidewalk-1.87 miles	2040 LRTP Unit Cost Estimate	\$986,391	\$1,292,172	\$1,519,042	\$1,943,190
NW GILSON RD	Martin Co Line	SE Becker Rd	Sidewalk-0.35 miles	2040 LRTP Unit Cost Estimate	\$183,598	\$240,514	\$282,741	\$361,688
RANGE LINE RD	Martin Co Line	Glades Cutoff	Sidewalk-6.15 miles	2040 LRTP Unit Cost Estimate	\$3,246,680	\$4,253,151	\$4,999,888	\$6,395,960
SE BECKER RD	East of Via Tesoro/Waterfall	NW Gilson Rd	Sidewalk-1.86 miles	2040 LRTP Unit Cost Estimate	\$982,388	\$1,286,929	\$1,512,878	\$1,935,305
SILVER OAK DR	Easy St	Midway	Sidewalk-1.79 miles	2040 LRTP Unit Cost Estimate	\$943,258	\$1,235,667	\$1,452,617	\$1,858,217
BEACH AVE	Rio Mar	Oleander	Sidewalk-0.39 miles	2040 LRTP Unit Cost Estimate	\$203,424	\$266,486	\$313,273	\$400,746

Total cost of Sidewalk Gaps

¹ - Scoring is based on the St. Lucie TPO TA Project Prioritization Methodology

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(68% / 32% TMA Split)

State and Federal Revenues		2021-2025	2026-2030	2031-2040	Total
State - Other Arterial (OA)*	Revenue Available	\$61.00	\$57.71	\$126.15	\$244.85
	Project Costs	\$60.30	\$56.29	\$128.26	\$244.86
	Remaining Available	\$0.70	\$1.41	-\$2.11	\$0.00
Federal - Transportation Management Area (TMA)	Revenue Available	\$17.24	\$17.24	\$34.48	\$68.95
	Project Costs	\$17.24	\$14.54	\$37.17	\$68.95
	Remaining Available	\$0.00	\$2.70	-\$2.70	\$0.00
Federal - Transportation Alternatives (TA)	Revenue Available	\$3.46	\$3.46	\$6.93	\$13.85
	Project Costs	\$3.46	\$3.46	\$6.93	\$13.85
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00

* Revenue estimate includes 22% for design and engineering phases.

Additional Local Revenues		2021-2025	2026-2030	2031-2040	Total
County Sales Tax	Revenue Available	\$23.13	\$28.96	\$78.81	\$130.90
	Project Costs	\$26.09	\$29.79	\$75.01	\$130.90
	Remaining Available	-\$2.97	-\$0.83	\$3.79	\$0.00
Port St. Lucies Sales Tax	Revenue Available	\$18.46	\$23.11	\$62.89	\$104.46
	Project Costs	\$16.60	\$23.12	\$64.74	\$104.46
	Remaining Available	\$1.85	\$0.00	-\$1.85	\$0.00
Fort Pierce Sales Tax	Revenue Available	\$4.59	\$5.74	\$15.63	\$25.96
	Project Costs	\$5.10	\$5.68	\$15.17	\$25.95
	Remaining Available	-\$0.52	\$0.06	\$0.46	\$0.00
Developer Revenues	Revenue Available	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Project Costs	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00

LRTP Revenue Summary		2021-2025	2026-2030	2031-2040	Total
Federal and State Revenues	Revenue Available	\$81.70	\$78.41	\$167.55	\$327.66
	Project Costs	\$81.00	\$74.30	\$172.37	\$327.66
	Remaining Available	\$0.70	\$4.11	-\$4.82	\$0.00
Additional Local Revenues	Revenue Available	\$46.17	\$57.82	\$157.32	\$261.31
	Project Costs	\$47.80	\$58.59	\$154.92	\$261.31
	Remaining Available	-\$1.63	-\$0.77	\$2.40	\$0.00
Developer Revenues	Revenue Available	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Project Costs	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00
All Revenues	Revenue Available	\$127.87	\$136.23	\$2,440.83	\$2,704.92
	Project Costs	\$128.80	\$132.89	\$2,443.24	\$2,704.93
	Remaining Available	-\$0.93	\$3.34	-\$2.42	-\$0.01

Transit System Revenues		2021-2025	2026-2030	2031-2040	Total
Existing Revenue Sources	Federal Revenues	\$19.99	\$18.71	\$39.44	\$78.14
	State Revenues	\$3.78	\$3.97	\$8.55	\$16.30
	Local Revenues	\$33.40	\$38.13	\$93.72	\$165.25
	Capital Costs	\$22.38	\$12.65	\$28.98	\$64.01
	Operating Costs	\$38.97	\$44.42	\$110.79	\$194.18
	Remaining Available	-\$4.19	\$3.74	\$1.94	\$1.50

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOE)	
						Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million		
SIS Roadways																
1535	I-95	N. of Glades Cut-Off Rd.	S. of SR 70	6F	8F			\$1.71						\$42.16	\$43.87	
1536	I-95	N. of Becker Rd	N. of Glades Cut-Off Rd.	6F	8F			\$8.19						\$132.48	\$140.67	
550	Florida's Turnpike	Midway Rd.			New Interchange		unfunded	\$0				SIS	unfunded		\$0.00	
State Roadways																
402a	Kings Hwy	N. of I-95 Overpass	St. Lucie Blvd	2U	4D	OA	2021-2025	\$3.82	OA	2021-2025	\$8.69	OA	2021-2025	\$14.99	\$27.51	
402b	Kings Hwy	St. Lucie Blvd	Indrio Rd	2U	4D	OA	2021-2025	\$5.08	OA	2021-2025	\$11.53	OA	2026-2030	\$23.39	\$40.00	
500	US 1	Edwards Dr	SR A1A South	Operational Improvements									OA	2021-2025	\$6.75	\$59.35
											OA	2026-2030	\$17.60			
											OA	2031-2040	\$35.00			
401	Kings Hwy	Indrio Rd	US 1	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
	Congestion Management Program - State Roads											OA	2021-2025	\$5.00	\$5.00	
	Walk / Bike Improvements on State Roads (illustrative projects below)											OA	2026-2030	\$11.00	\$11.00	
												OA	2031-2040	\$57.24	\$57.24	
												OA	2031-2040	\$9.25	\$10.19	
	Florida East Coast Greenway (Mainland)	Martin County	Fort Pierce													
	Florida East Coast Greenway (SR A1A)	Fort Pierce	Indian River County													
Local Roads																
408	Port St. Lucie Blvd	Paar Dr.	Darwin Rd.	2U	4D		Completed			Underway	\$0.00	TMA	2021-2025	\$12.01	\$17.80	
												PSL New	2021-2025	\$5.79		
413	Midway Rd.	Glades Cut-Off Rd.	Selvitz Rd.				Committed			OA	2021-2025	\$4.44	Cnty New	2021-2025	\$12.24	\$21.91
												TMA	2021-2025	\$5.23		
407	Port St. Lucie Blvd	Becker Rd	Paar Dr.				TMA	2026-2030	\$2.79	PSL New	2026-2030	\$6.35	TMA	2026-2030	\$11.75	\$24.54
												PSL New	2026-2030	\$3.65		
450c	Jenkins Rd	Angle Rd	St Lucie Blvd				OA	2026-2030	\$3.36	Cnty New	2026-2030	\$7.64	TMA	2031-2040	\$8.15	\$33.47
												OA	2031-2040	\$14.32		
403b	Glades Cut-Off Rd	Midway Rd	Selvitz Rd.				Cnty New	2026-2030	\$5.35	Cnty New	2031-2040	\$6.50	Cnty New	2031-2040	\$23.35	\$56.71
												TMA	2031-2040	\$9.06	OA	
500	Floresta Dr	Port St Lucie Blvd	Crosstown Parkway	Operational Improvements									PSL New	2031-2040	\$22.03	\$27.03
415	Floresta Dr	South Bend Blvd	Port St Lucie Blvd				PSL New	2031-2040	\$1.84	PSL New	2031-2040	\$4.19	TMA	2031-2040	\$7.38	\$15.66
												PSL New	2031-2040	\$2.25		
404	Selvitz Rd	Glades Cut-Off Rd	Edwards Rd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
450a	Jenkins Rd	Midway Rd	Okeechobee Rd.	00	4D		unfunded	\$0.00		unfunded	\$0.00		unfunded	\$0.00	\$0.00	
450b	Jenkins Rd	Okeechobee Rd	Angle Rd	00	4D		unfunded	\$0.00		unfunded	\$0.00		unfunded	\$0.00	\$0.00	
414	St. Lucie West Blvd	E of I-95	Cashmere Blvd	4D	6D		unfunded	\$0.00		unfunded	\$0.00		unfunded	\$0.00	\$0.00	
428	Savona Blvd	Gatlin Blvd	California Blvd	2U	4D		unfunded	\$0.00		unfunded	\$0.00		unfunded	\$0.00	\$0.00	
406	East Torino Pkwy	Cashmere Blvd	Midway Rd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
416	South Bend Blvd	Becker Rd	Floresta Dr	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
403a	Glades Cut-Off Rd	Commerce Ctr Dr	Midway Rd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
2702	Airport Connector	I-95	Kings Highway	00	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
405	California Blvd	Savona Blvd	St Lucie West Blvd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
2703	North Mid-County Connector	Midway Rd	Florida's Turnpike	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOE)	
						Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million		
	Congestion Management Program- St Lucie County											Cnty New 2021-2025	\$0.82	\$0.82		
	Congestion Management Program - Port St. Lucie											Cnty New 2026-2030	\$0.96	\$0.96		
	Congestion Management Program - Fort Pierce											Cnty New 2031-2040	\$2.51	\$2.51		
	Pavement Management Program - St Lucie County											PSL New 2021-2025	\$0.41	\$0.41		
	Pavement Management Program - Port St Lucie											PSL New 2026-2030	\$0.48	\$0.48		
	Pavement Management Program - Fort Pierce											PSL New 2031-2040	\$1.35	\$1.35		
	Walk / Bike Improvements on non-State Roads (illustrative projects include the Prioritized List of Sidewalk Gap Projects)											FP New 2021-2025	\$0.41	\$0.41		
												FP New 2026-2030	\$0.48	\$0.48		
												FP New 2031-2040	\$1.35	\$1.35		
												Cnty New 2021-2025	\$6.94	\$6.94		
												Cnty New 2026-2030	\$8.69	\$8.69		
												Cnty New 2031-2040	\$24.84	\$24.84		
												TMA 2031-2040	\$3.65	\$3.65		
												PSL New 2021-2025	\$5.54	\$5.54		
												PSL New 2026-2030	\$6.93	\$6.93		
												PSL New 2031-2040	\$18.87	\$18.87		
												TMA 2031-2040	\$3.63	\$3.63		
												FP New 2021-2025	\$2.29	\$2.29		
												FP New 2026-2030	\$2.87	\$2.87		
												FP New 2031-2040	\$9.55	\$9.55		
												TMA 2031-2040	\$0.30	\$0.30		
												TA 2021-2025	\$2.94	\$78.68		
												TA 2026-2030	\$2.94			
												TA 2031-2040	\$5.89			
												Cnty New 2021-2025	\$5.19			
												PSL New 2021-2025	\$4.14			
												FP New 2021-2025	\$2.04			
												Cnty New 2026-2030	\$6.08			
												PSL New 2026-2030	\$4.85			
												FP New 2026-2030	\$1.98			
												Cnty New 2031-2040	\$15.14			
												PSL New 2031-2040	\$12.08			
												FP New 2031-2040	\$3.62			
Developer Roads (funded with Developer and County funds)																
2501	E-W Road 6	Shinn Rd	Glades Cut-Off Rd	00	4D	Dev	2031-2040	\$9.82	Dev	2031-2040	\$22.31	Dev	2031-2040		\$51.32	\$83.44
2502	Williams Rd	Shinn Rd	Mccarty Rd	00	2U	Dev	2031-2040	\$4.27	Dev	2031-2040	\$9.71	Dev	2031-2040	\$22.32	\$36.30	
2503	Williams Ext	Mccarty Rd	Glades Cutoff Rd	00	4D	Dev	2031-2040	\$7.63	Dev	2031-2040	\$17.34	Dev	2031-2040	\$39.89	\$64.87	
2504	Newell Rd	Shinn Rd	Arterial A	00	4D	Dev	2031-2040	\$10.83	Dev	2031-2040	\$24.61	Dev	2031-2040	\$56.59	\$92.03	
2505	Range Line Rd	Glades Cut-Off Rd	Midway Rd	00	4D	Dev	2031-2040	\$10.92	Dev	2031-2040	\$24.82	Dev	2031-2040	\$57.08	\$92.82	
2506	Shinn Rd	Midway Rd	Glades Cut-Off Rd	00	4D	Dev	2031-2040	\$9.91	Dev	2031-2040	\$22.53	Dev	2031-2040	\$51.82	\$84.26	
2507	Mccarty Rd	Williams Rd	Midway Rd	2U	4D	Dev	2031-2040	\$3.78	Dev	2031-2040	\$8.59	Dev	2031-2040	\$19.75	\$32.12	
2508	Mccarty Rd	Glades Cut-Off Rd	Williams Rd	00	4D	Dev	2031-2040	\$8.42	Dev	2031-2040	\$19.13	Dev	2031-2040	\$43.99	\$71.53	
2509	Arterial A	Glades Cut-Off Rd	Midway Rd	00	4D	Dev	2031-2040	\$9.95	Dev	2031-2040	\$22.61	Dev	2031-2040	\$52.01	\$84.57	
2601	Becker Rd	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$18.12	Dev	2031-2040	\$41.18	Dev	2031-2040	\$94.70	\$154.00	
2602	Paar Dr (West)	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$18.07	Dev	2031-2040	\$41.08	Dev	2031-2040	\$94.48	\$153.63	
2603	Open View Dr (West)	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$16.72	Dev	2031-2040	\$38.00	Dev	2031-2040	\$87.40	\$142.12	
2604	E-W Road 2	Village Pkwy	N-S Road A	00	4D	Dev	2031-2040	\$11.36	Dev	2031-2040	\$25.83	Dev	2031-2040	\$59.40	\$96.59	
2605	Discovery Way	Village Pkwy	Community Blvd	2D	4D	Dev	2031-2040	\$0.82	Dev	2031-2040	\$1.86	Dev	2031-2040	\$4.27	\$6.95	
2606	Discovery Way	Community Blvd	Range Line Rd	00	4D	Dev	2031-2040	\$12.93	Dev	2031-2040	\$29.39	Dev	2031-2040	\$67.60	\$109.92	
2607	Stony Creek Way	Range Line Rd	Tradition Pkwy	00	4D	Dev	2031-2040	\$7.14	Dev	2031-2040	\$16.22	Dev	2031-2040	\$37.31	\$60.66	
2608	Tradition Pkwy	Range Line Rd	Stony Creek Way	00	4D	Dev	2031-2040	\$8.79	Dev	2031-2040	\$19.98	Dev	2031-2040	\$45.95	\$74.72	

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(68% / 32% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOE)
						Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	
2609	Crosstown Pkwy	Range Line Rd	Village Pkwy	00	4D	Dev	2031-2040	\$11.54	Dev	2031-2040	\$26.23	Dev	2031-2040	\$60.34	\$98.11
2610	N-S Road A	Crosstown Pkwy	Becker Rd	00	4D	Dev	2031-2040	\$21.86	Dev	2031-2040	\$49.68	Dev	2031-2040	\$114.26	\$185.79
2611	N-S Road B	Becker Rd	Discovery Way	00	4D	Dev	2031-2040	\$11.94	Dev	2031-2040	\$27.13	Dev	2031-2040	\$62.41	\$101.48
2612	Community Blvd	Discovery Way	Becker Rd	00	4D	Dev	2031-2040	\$11.92	Dev	2031-2040	\$27.09	Dev	2031-2040	\$62.30	\$101.30
2701	Turnpike/I-95 Connector	Florida'S Turnpike	I-95	00	4D	Dev	2031-2040	\$21.86	Dev	2031-2040	\$9.39	Dev	2031-2040	\$157.51	\$188.75

Transit Service Description	Service Start Year	Capital Cost	Operating Cost	Total Cost
Transit System				
Continue Existing Fixed-Route Service (Routes 1 through 7)		\$20.23	\$45.72	\$65.95
Continue Existing Paratransit Service (ADA and TD)		\$23.66	\$97.74	\$121.41
Lakewood Park	2015	\$1.42	\$5.71	\$7.13
Bus Stop Infrastructure Upgrades	On-Going	\$0.44	\$0.00	\$0.44
Existing Service Improvements				
Route 1 - Improve Frequency to 30 mins	2017	\$0.62	\$11.43	\$12.05
Route 1 - Expand Service: 6:00AM to 8:00PM	2020	\$0.00	\$3.12	\$3.12
Route 1 - Add Saturday Service	2016	\$0.00	\$2.33	\$2.33
Route 2 - Expand Service: 6:00AM to 8:00PM	2020	\$0.00	\$1.56	\$1.56
Route 2 - Add Saturday Service	2016	\$0.00	\$1.17	\$1.17
Route 2 - Improve Frequency to 30 mins	2017	\$0.62	\$7.27	\$7.89
Route 3 - Expand Service: 6:00AM to 8:00PM	2020	\$0.00	\$1.56	\$1.56
Route 3 - Add Saturday Service	2016	\$0.00	\$1.17	\$1.17
Route 3 - Improve Frequency to 30 mins	2017	\$0.62	\$7.27	\$7.89
PSL Trolley - Combine with Route 5	Unfunded	\$0.00	\$0.00	\$0.00
Route 5 - Extend to US 1	Unfunded	\$0.00	\$0.00	\$0.00
Expanded Paratransit Service (ADA and TD)	2016	\$0.00	\$3.53	\$3.53
New Service Expansion				
Ft. Pierce/PSL Express	2027	\$1.38	\$0.78	\$2.16
Midway Rd/Health Dept	2030	\$0.18	\$0.52	\$0.70
Tri-Rail Express Connection	2030	\$0.64	\$1.17	\$1.81
Sunrise Blvd/Lawnwood/IRSC	2038	\$0.77	\$1.05	\$1.82
I-95 Palm Beach Express	2038	\$1.55	\$0.55	\$2.10
Tradition Circulator	2040	\$0.24	\$0.36	\$0.59
Turnpike Palm Beach Express	2040	\$1.63	\$0.18	\$1.80
North Hutchinson Island	Unfunded	\$0.00	\$0.00	\$0.00
South County Circulator	Unfunded	\$0.00	\$0.00	\$0.00
Torino Flex	Unfunded	\$0.00	\$0.00	\$0.00
New Administration & Operation Facility	2025	\$10.00	\$0.00	\$10.00

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(65% / 35% TMA Split)

Project Number	On Street	From	To	Improvement	Project Source	Total Cost (YOE)
2021-2025						
402a	Kings Hwy	N. of I-95 Overpass	St. Lucie Blvd	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$27,510,000
408	Port St. Lucie Blvd	Paar Dr.	Darwin Rd.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$17,800,000
413	Midway Rd.	Glades Cut-Off Rd.	Selvitz Rd.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$21,910,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$6,750,000
	Walk-Bike Network Improvements			See accompanying table	2040 Walk-Bike Network	\$16,650,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$6,640,000
	Pavement Management Program - Fort Pierce			Resurfacing	2040 Needs Plan	\$2,290,000
	Pavement Management Program - Port St. Lucie			Resurfacing	2040 Needs Plan	\$5,540,000
	Pavement Management Program - St. Lucie County			Resurfacing	2040 Needs Plan	\$6,940,000
2026-2030						
402b	Kings Hwy	St. Lucie Blvd	Indrio Rd	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$40,000,000
407	Port St. Lucie Blvd	Becker Rd	Paar Dr.	Add 2 lanes, bike lanes, sidewalks	2035 CFP, 2040 Needs Plan	\$24,540,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$17,600,000
	Walk-Bike Network Improvements			See accompanying table	2040 Walk-Bike Network	\$19,400,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$12,920,000
	Pavement Management Program - Fort Pierce			Resurfacing	2040 Needs Plan	\$2,870,000
	Pavement Management Program - Port St. Lucie			Resurfacing	2040 Needs Plan	\$6,930,000
	Pavement Management Program - St. Lucie County			Resurfacing	2040 Needs Plan	\$8,690,000
2031-2040						
450c	Jenkins Rd.	Angle Rd.	St. Lucie Blvd	New 4 lane road	2040 Needs Plan	\$33,470,000
415	Floresta Dr	South Bend Blvd	Port St. Lucie Blvd	Add 2 lanes, bike lanes, sidewalks	2040 Needs Plan	\$15,660,000
500	Floresta Dr	Port St. Lucie Blvd	Crosstown Parkway	Operational Improvements	2040 Needs Plan	\$27,030,000
403b	Glades Cut-Off Rd	Midway Rd	Selvitz Rd.	Add 2 lanes, bike lanes, sidewalks	2040 Needs Plan	\$56,710,000
500	US 1 Corridor Retrofit	Indian River County Line	Martin County Line	Corridor Improvements	2035 CFP, 2040 Needs Plan	\$35,000,000
	Walk-Bike Network Improvements			See accompanying table	2040 Walk-Bike Network	\$52,070,000
	Congestion Management Program			Operational Improvements	2035 CFP, 2040 CMP Element	\$59,540,000
	Pavement Management Program - Fort Pierce			Resurfacing	2040 Needs Plan	\$9,850,000

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(65% / 35% TMA Split)

Project Number	On Street	From	To	Improvement	Project Source	Total Cost (YOE)
	Pavement Management Program - Port St. Lucie			Resurfacing	2040 Needs Plan	\$22,500,000
	Pavement Management Program - St. Lucie County			Resurfacing	2040 Needs Plan	\$28,490,000
Developer Roads (2031-2040)						
2501	E-W-Road 6	Shinn Rd	Glades Cut-Off Rd	New 4 lane road	Developer agreement	\$83,440,000
2502	Williams Rd	Shinn Rd	McCarty Rd	New 2 lane road	Developer agreement	\$36,300,000
2503	Williams Ext	McCarty Rd	Glades Cutoff Rd	New 4 lane road	Developer agreement	\$64,870,000
2504	Newell Rd	Shinn Rd	Arterial A	New 4 lane road	Developer agreement	\$92,030,000
2505	Range Line Rd	Glades Cut-Off Rd	Midway Rd	New 4 lane road	Developer agreement	\$92,820,000
2506	Shinn Rd	Midway Rd	Glades Cut-Off Rd	New 4 lane road	Developer agreement	\$84,260,000
2507	McCarty Rd	Williams Rd	Midway Rd	Add 2 lanes	Developer agreement	\$32,120,000
2508	McCarty Rd	Glades Cut-Off Rd	Williams Rd	New 4 lane road	Developer agreement	\$71,530,000
2509	Arterial A	Glades Cut-Off Rd	Midway Rd	New 4 lane road	Developer agreement	\$84,570,000
2601	Becker Rd	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$154,000,000
2602	Paar Dr (West)	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$153,630,000
2603	Open View Dr (West)	Village Pkwy	Range Line Rd	New 4 lane road	Developer agreement	\$142,120,000
2604	E-W Road 2	Village Pkwy	N-S Road A	New 4 lane road	Developer agreement	\$96,590,000
2605	Discovery Way	Village Pkwy	Community Blvd	Add 2 lanes	Developer agreement	\$6,950,000
2606	Discovery Way	Community Blvd	Range Line Rd	New 4 lane road	Developer agreement	\$109,920,000
2607	Stony Creek Way	Range Line Rd	Tradition Pkwy	New 4 lane road	Developer agreement	\$60,660,000
2608	Tradition Pkwy	Range Line Rd	Stony Creek Way	New 4 lane road	Developer agreement	\$74,720,000
2609	Crosstown Pkwy	Range Line Rd	Village Pkwy	New 4 lane road	Developer agreement	\$98,110,000
2610	N-S Road A	Crosstown Pkwy	Becker Rd	New 4 lane road	Developer agreement	\$185,790,000
2611	N-S Road B	Becker Rd	Discovery Way	New 4 lane road	Developer agreement	\$101,480,000
2612	Community Blvd	Discovery Way	Becker Rd	New 4 lane road	Developer agreement	\$101,300,000
2701	Turnpike/I-95 Connector	Florida'S Turnpike	I-95	New 4 lane road	Developer agreement	\$188,750,000
Bus Service (2021-2040)						
	Continued Operations Cost for Routes 1-7					\$189,574,000
	Vehicle Replacement (Capital) Cost for Routes 1-7					\$47,621,000
	Operations Cost for New Express and Circulator Service					\$4,601,000
	Vehicle Replacement (Capital) Cost for New Express and Circulator Service					\$6,391,000
	New Administration & Operation Facility					\$10,000,000



**St. Lucie TPO
GO2040 LRTP
Prioritized List of Sidewalk Gap Projects**

On Street	From	To	Project Description	Project Cost Source	Estimated Costs (Present Day)	Estimated Costs		
						2021-2025	2026-2030	2031-2040
2015/2016 Transportation Alternatives (TA) Priority Sidewalk Gaps								
Oleander Avenue	Midway Road	Market Avenue	Sidewalk-1.3 miles	2015 TA Grant Application	\$917,653	\$1,202,125	\$1,413,186	\$1,807,776
Walton Road	Lennard Road	Green River Parkway	Sidewalk-1.1 miles	St. Lucie County School District	\$483,000	\$632,730	\$743,820	\$951,510
17th Street Sidewalk Gaps	Georgia Avenue	Avenue Q	Sidewalk-1.7 miles	2010/11 LOPP	\$170,000	\$222,700	\$261,800	\$334,900
East Torino Parkway	Volucia Drive	Conus Street	Sidewalk-0.4 miles	St. Lucie County School District	\$168,000	\$220,080	\$258,720	\$330,960
North Macedo Boulevard	Selvitz Road	St. James Drive	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$525,220	\$688,038	\$808,839	\$1,034,683
Selvitz Road	Milner Drive	Peachtree Boulevard	Sidewalk-0.8 miles	2010/11 LOPP	\$337,920	\$442,675	\$520,397	\$665,702
Thornhill Drive	Bayshore Boulevard	Airosa Boulevard	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List	\$594,820	\$779,214	\$916,023	\$1,171,795
Parr Drive	Savona Boulevard	Port St. Lucie Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List	\$344,050	\$450,706	\$529,837	\$677,779
29th Street Sidewalk Gaps	Avenue I	Avenue Q	Sidewalk-0.5 miles	2010/11 LOPP	\$50,000	\$65,500	\$77,000	\$98,500
Boston Avenue	25th Street	13th Street	Sidewalk-0.8 miles	2010/11 LOPP	\$80,000	\$104,800	\$123,200	\$157,600
Curtis Street	Prima Vista Boulevard	Floresta Drive	Sidewalk-0.5 miles	Port St. Lucie Sidewalk List	\$461,620	\$604,722	\$710,895	\$909,391
Weatherbee Road	U.S. Highway 1	Oleander Avenue	Sidewalk-0.5 miles	St. Lucie County School District	\$226,000	\$296,060	\$348,040	\$445,220
Volucia Drive	Blanton Boulevard	Torino Parkway	Sidewalk-1.0 miles	St. Lucie County School District	\$441,840	\$578,810	\$680,434	\$870,425
Oleander Avenue	Midway Road	Saeger Avenue	Sidewalk-1.5 miles	St. Lucie County School District	\$672,000	\$880,320	\$1,034,880	\$1,323,840
29th Street	Avenue Q	Avenue T	Sidewalk-0.1 miles	2010/11 LOPP	\$10,000	\$13,100	\$15,400	\$19,700
Alcantarra Boulevard	Port St. Lucie Boulevard	Savona Boulevard	Sidewalk-0.8 miles	St. Lucie County School District	\$357,000	\$467,670	\$549,780	\$703,290
Floresta Drive	Port St. Lucie Boulevard	Southbend Boulevard	Sidewalk-0.6 miles	Port St. Lucie Sidewalk List #8	\$489,821	\$641,666	\$754,324	\$964,947
Rosser Boulevard	Openview	Bamberg Street	Sidewalk-2.1 miles	Port St. Lucie Sidewalk List #1	\$1,014,813	\$1,329,405	\$1,562,812	\$1,999,182
Import Drive	Gatlin Boulevard	Savage Boulevard	Sidewalk-2.0 miles	Port St. Lucie Sidewalk List #3	\$1,255,161	\$1,644,261	\$1,932,948	\$2,472,667
Paar Drive	Bamberg Street	Savona Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List #2	\$1,014,728	\$1,329,294	\$1,562,681	\$1,999,014
Southbend Boulevard	Oakridge Drive	Eagle Drive	Bridge and Sidewalk-0.2 miles	Port St. Lucie Sidewalk List #13	\$1,526,084	\$1,999,170	\$2,350,169	\$3,006,385
Savage Boulevard	Import Drive	Gatlin Boulevard	Sidewalk-1.7 miles	Port St. Lucie Sidewalk List #4	\$1,293,199	\$1,694,091	\$2,547,602	\$3,254,420
Bayshore Boulevard	Mountwell Street	Port St. Lucie Boulevard	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List #6	\$695,496	\$911,100	\$1,071,064	\$1,370,127
Emil Dr	Oleander Avenue	U.S. Highway 1	Sidewalk-0.4 miles	2014 TA Grant Application	\$347,487	\$455,208	\$535,130	\$684,549
Idol Drive	Charter School	Savona Boulevard	Sidewalk-0.7 miles	Port St. Lucie Sidewalk List #12	\$483,037	\$632,778	\$743,877	\$951,583
Oakridge Drive	Southbend Drive	Mountwell Street	Sidewalk-0.8 miles	Port St. Lucie Sidewalk List #5	\$736,575	\$964,913	\$1,134,326	\$1,451,053
Selvitz Road	Floresta Drive	Bayshore Boulevard	Sidewalk-0.5 miles	Port St. Lucie Sidewalk List #10	\$962,435	\$1,260,790	\$1,482,150	\$1,895,997
Cashmere Boulevard	Charter School	Westgate K-8 School	Sidewalk-1.0 miles	Port St. Lucie Sidewalk List #11	\$590,464	\$773,508	\$909,315	\$1,163,214
Tiffany Avenue	Lennard Road	Grand Drive	Sidewalk-0.9 miles	Port St. Lucie Sidewalk List #9	\$365,843	\$479,254	\$563,398	\$720,711
West Cedar Pedestrian Mall	2nd Street	FEC Railroad	Streetscape improvements	2011 TE Grant Application	\$440,756	\$577,390	\$678,764	\$868,289
GO2040 LRTP Candidate Sidewalk Gap Projects								
W MIDWAY RD	Selvitz Rd	25th	Sidewalk-0.99 miles	2040 LRTP Unit Cost Estimate	\$524,367	\$686,921	\$807,525	\$1,033,003
N KINGS HWY	Angle Rd	Indrio Rd	Sidewalk-3.55 miles	2040 LRTP Unit Cost Estimate	\$1,874,853	\$2,456,058	\$2,887,274	\$3,693,461
AVENUE D	Angle	25th	Sidewalk-0.7 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$367,766	\$481,773	\$566,359	\$724,498
SUNRISE BLVD	Midway	Edwards Rd	Sidewalk-2.68 miles	2040 LRTP Unit Cost Estimate	\$1,415,220	\$1,853,938	\$2,179,439	\$2,787,983
OKEECHOBEE RD	Hartman/Okeechobee	Georgia	Sidewalk-3.37 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,775,727	\$2,326,202	\$2,734,619	\$3,498,181
ST LUCIE BLVD	N Kings Hwy	25th	Sidewalk-2.98 miles	2040 LRTP Unit Cost Estimate	\$1,570,093	\$2,056,822	\$2,417,944	\$3,093,084
ANGLE RD	N Kings Hwy	Avenue Q	Sidewalk-1.59 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$839,107	\$1,099,230	\$1,292,225	\$1,653,041
N 53RD ST	Angle Rd	Juanita Ave	Sidewalk-0.29 miles	2040 LRTP Unit Cost Estimate	\$150,489	\$197,141	\$231,753	\$296,464
NW BLANTON BLVD	Volucia	East Torino	Sidewalk-0.56 miles	2040 LRTP Unit Cost Estimate	\$294,387	\$385,647	\$453,357	\$579,943
NW CALIFORNIA BLVD	West Torino	Wolverine	Sidewalk-0.14 miles	2040 LRTP Unit Cost Estimate	\$75,000	\$98,250	\$115,500	\$147,750
NW EAST TORINO PKWY	NW Blanton Blvd	Midway	Sidewalk-1.18 miles	2040 LRTP Unit Cost Estimate	\$623,194	\$816,384	\$959,718	\$1,227,691
NW NORTH TORINO PKWY	Shawbury	NW East Torino Pkwy	Sidewalk-0.65 miles	2040 LRTP Unit Cost Estimate	\$343,906	\$450,516	\$529,615	\$677,494
NW WEST TORINO PKWY	Shawbury	Volucia	Sidewalk-2.22 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,169,160	\$1,531,600	\$1,800,507	\$2,303,245
SE FLORESTA DR	Streamlet	Prima Vista	Sidewalk-2.53 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,333,095	\$1,746,355	\$2,052,967	\$2,626,198
SW FAIRGREEN RD	Crosstown	SW Cadima St	Sidewalk-1.02 miles	2040 LRTP Unit Cost Estimate	\$539,724	\$707,039	\$831,176	\$1,063,257
JUANITA AVE	N US HWY 1	N US HWY 1	Sidewalk-2.62 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,381,078	\$1,809,212	\$2,126,860	\$2,720,724
SE CALMOSO DR	Sandia	SE Floresta Dr	Sidewalk-0.6 miles	2040 LRTP Unit Cost Estimate	\$317,835	\$416,364	\$489,466	\$626,135
W MIDWAY RD	Okeechobee	Glades Cutoff	Sidewalk-7.83 miles	2040 LRTP Unit Cost Estimate	\$4,131,352	\$5,412,071	\$6,362,282	\$8,138,763
GLADES CUT OFF RD	Range Line Rd	Selvitz	Sidewalk-9.99 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$5,271,336	\$6,905,450	\$8,117,857	\$10,384,532
SELVITZ RD	W Midway Rd	Edwards Rd	Sidewalk-2.32 miles	2040 LRTP Unit Cost Estimate	\$1,225,663	\$1,605,619	\$1,887,521	\$2,414,556
S JENKINS RD	Orange	Orange	Sidewalk-2.74 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,448,052	\$1,896,949	\$2,230,001	\$2,852,663
W WEATHERBEE RD	Sunrise Blvd	Oleander	Sidewalk-0.30 miles	2040 LRTP Unit Cost Estimate	\$156,995	\$205,663	\$241,772	\$309,280
SE VILLAGE GREEN DR	Walton	US Hwy 1	Sidewalk-2.08 miles	2040 LRTP Unit Cost Estimate	\$1,097,064	\$1,437,154	\$1,689,478	\$2,161,216
SW DALTON AVE	Savona	Port St Lucie	Sidewalk-0.94 miles	2040 LRTP Unit Cost Estimate	\$493,788	\$646,862	\$760,434	\$972,762
SW DUVAL AVE	Bayshore	Airosa	Sidewalk-1.27 miles	2040 LRTP Unit Cost Estimate	\$672,596	\$881,101	\$1,035,798	\$1,325,014
SW WHITMORE DR	Bayshore	Airosa	Sidewalk-1.04 miles	2040 LRTP Unit Cost Estimate	\$551,072	\$721,905	\$848,652	\$1,085,613
SE MORNINGSIDE BLVD	Westmoreland	Port St Lucie	Sidewalk-2.22 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$1,173,332	\$1,537,064	\$1,806,931	\$2,311,463
HARTMAN RD	Okeechobee	Orange	Sidewalk-1.5 miles	2040 LRTP Unit Cost Estimate	\$790,017	\$1,034,923	\$1,216,627	\$1,556,334
N 10TH ST	Avenue E	Avenue H	Sidewalk-0.19 miles	2040 LRTP Unit Cost Estimate	\$98,003	\$128,383	\$150,924	\$193,065
OHIO AVE	S 11th St	US Hwy 1	Sidewalk-0.5 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$263,102	\$344,664	\$405,178	\$518,312
S 11TH ST	Virginia	Georgia	Sidewalk-0.99 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$520,128	\$681,368	\$800,997	\$1,024,652



**St. Lucie TPO
GO2040 LRTP
Prioritized List of Sidewalk Gap Projects**

On Street	From	To	Project Description	Project Cost Source	Estimated Costs (Present Day)	Estimated Costs		
						2021-2025	2026-2030	2031-2040
FARMERS MARKET RD	Oleander Ave	US Hwy 1	Sidewalk-0.51 miles	2040 LRTP Unit Cost Estimate	\$267,276	\$350,132	\$411,605	\$526,534
KITTERMAN RD	Oleander Ave	US Hwy 1	Sidewalk-0.5 miles	2040 LRTP Unit Cost Estimate	\$263,741	\$345,500	\$406,161	\$519,569
EDWARDS RD	Jenkins	25th	Sidewalk-2.1 miles	2040 LRTP Unit Cost Estimate	\$1,105,946	\$1,448,790	\$1,703,158	\$2,178,715
CALMOSO DR	Airoso	Sandia	Sidewalk-0.27 miles	2040 LRTP Unit Cost Estimate	\$143,011	\$187,345	\$220,237	\$281,732
NW SELVITZ RD	Milner	W Midway Rd	Sidewalk-0.2 miles	2040 LRTP Unit Cost Estimate	\$107,141	\$140,354	\$164,997	\$211,067
SW ABINGDON AVE	Import	Savona	Sidewalk-0.88 miles	2040 LRTP Unit Cost Estimate	\$462,763	\$606,220	\$712,656	\$911,644
KEEN RD	Angle	St Lucie Blvd	Sidewalk-1 miles	2040 LRTP Unit Cost Estimate	\$527,954	\$691,620	\$813,049	\$1,040,070
MISSISSIPPI AVE	13th St	10th St	Sidewalk-0.25 miles	2040 LRTP Unit Cost Estimate	\$134,487	\$176,178	\$207,110	\$264,940
OLEANDER AVE	South Market	Edwards Rd	Sidewalk-1.15 miles	2040 LRTP Unit Cost Estimate	\$604,259	\$791,579	\$930,559	\$1,190,390
QUINCY AVE	33rd/Okeechobee	25th	Sidewalk-0.48 miles	2040 LRTP Unit Cost Estimate	\$250,947	\$328,741	\$386,459	\$494,367
N OLD DIXIE HWY	Avenue M/US Hwy 1	Turnpike Feeder	Sidewalk-7.08 miles	2040 LRTP Unit Cost Estimate	\$3,735,213	\$4,893,129	\$5,752,228	\$7,358,370
SAVANNAH RD	US Hwy 1	Indian River	Sidewalk-0.96 miles	2040 LRTP Unit Cost Estimate	\$506,016	\$662,881	\$779,264	\$996,851
TAYLOR DAIRY RD	Angle Rd	Indrio Rd	Sidewalk-3.54 miles	2040 LRTP Unit Cost Estimate	\$1,865,580	\$2,443,909	\$2,872,993	\$3,675,192
INDRIO RD	N Kings Hwy	N Old Dixie Hwy	Sidewalk-2.78 miles	2040 LRTP Unit Cost Estimate	\$1,466,181	\$1,920,697	\$2,257,919	\$2,888,377
N US HIGHWAY 1	St Lucie Blvd	Turnpike Feeder	Sidewalk-10.12 miles	2040 LRTP Unit Cost Estimate; Portions exist	\$5,339,267	\$6,994,440	\$8,222,472	\$10,518,357
DELAWARE AVE	Hartman	33rd	Sidewalk-0.5 miles	2040 LRTP Unit Cost Estimate	\$262,693	\$344,127	\$404,547	\$517,505
EASY ST	US Hwy 1	Silver Oak Dr	Sidewalk-0.93 miles	2040 LRTP Unit Cost Estimate	\$493,180	\$646,066	\$759,498	\$971,565
BELL AVE	25th	Oleander Ave	Sidewalk-0.98 miles	2040 LRTP Unit Cost Estimate	\$515,822	\$675,727	\$794,366	\$1,016,170
COLONIAL RD	Southern	Ohio Ave	Sidewalk-0.25 miles	2040 LRTP Unit Cost Estimate	\$132,648	\$173,769	\$204,278	\$261,316
OLEANDER AVE	Beach	N of Kitterman	Sidewalk-1.26 miles	2040 LRTP Unit Cost Estimate	\$665,377	\$871,644	\$1,024,681	\$1,310,793
SW CADIMA ST	SW Fairgreen Rd	Savage/Galiano	Sidewalk-0.15 miles	2040 LRTP Unit Cost Estimate	\$78,096	\$102,305	\$120,267	\$153,848
GRAHAM RD	Kings	Jenkins	Sidewalk-1 miles	2040 LRTP Unit Cost Estimate	\$529,668	\$693,864	\$815,688	\$1,043,445
MCCARTY RD	W Midway Rd	Okeechobee	Sidewalk-1.87 miles	2040 LRTP Unit Cost Estimate	\$986,391	\$1,292,172	\$1,519,042	\$1,943,190
NW GILSON RD	Martin Co Line	SE Becker Rd	Sidewalk-0.35 miles	2040 LRTP Unit Cost Estimate	\$183,598	\$240,514	\$282,741	\$361,688
RANGE LINE RD	Martin Co Line	Glades Cutoff	Sidewalk-6.15 miles	2040 LRTP Unit Cost Estimate	\$3,246,680	\$4,253,151	\$4,999,888	\$6,395,960
SE BECKER RD	East of Via Tesoro/Waterfall	NW Gilson Rd	Sidewalk-1.86 miles	2040 LRTP Unit Cost Estimate	\$982,388	\$1,286,929	\$1,512,878	\$1,935,305
SILVER OAK DR	Easy St	Midway	Sidewalk-1.79 miles	2040 LRTP Unit Cost Estimate	\$943,258	\$1,235,667	\$1,452,617	\$1,858,217
BEACH AVE	Rio Mar	Oleander	Sidewalk-0.39 miles	2040 LRTP Unit Cost Estimate	\$203,424	\$266,486	\$313,273	\$400,746

Total cost of Sidewalk Gaps

¹ - Scoring is based on the St. Lucie TPO TA Project Prioritization Methodology

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(65% / 35% TMA Split)

State and Federal Revenues		2021-2025	2026-2030	2031-2040	Total
State - Other Arterial (OA)*	Revenue Available	\$61.00	\$57.71	\$126.15	\$244.85
	Project Costs	\$60.30	\$56.29	\$128.26	\$244.86
	Remaining Available	\$0.70	\$1.41	-\$2.11	\$0.00
Federal - Transportation Management Area (TMA)	Revenue Available	\$16.51	\$16.51	\$33.02	\$66.04
	Project Costs	\$17.24	\$14.54	\$34.26	\$66.04
	Remaining Available	-\$0.73	\$1.97	-\$1.24	\$0.00
Federal - Transportation Alternatives (TA)	Revenue Available	\$3.27	\$3.27	\$6.54	\$13.08
	Project Costs	\$3.27	\$3.27	\$6.54	\$13.08
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00

* Revenue estimate includes 22% for design and engineering phases.

Additional Local Revenues		2021-2025	2026-2030	2031-2040	Total
County Sales Tax	Revenue Available	\$23.13	\$28.96	\$78.81	\$130.90
	Project Costs	\$26.09	\$29.79	\$75.01	\$130.90
	Remaining Available	-\$2.97	-\$0.83	\$3.79	\$0.00
Port St. Lucies Sales Tax	Revenue Available	\$18.46	\$23.11	\$62.89	\$104.46
	Project Costs	\$16.60	\$23.12	\$64.74	\$104.46
	Remaining Available	\$1.85	\$0.00	-\$1.85	\$0.00
Fort Pierce Sales Tax	Revenue Available	\$4.59	\$5.74	\$15.63	\$25.96
	Project Costs	\$5.10	\$5.68	\$15.17	\$25.95
	Remaining Available	-\$0.52	\$0.06	\$0.46	\$0.00
Developer Revenues	Revenue Available	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Project Costs	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00

LRTP Revenue Summary		2021-2025	2026-2030	2031-2040	Total
Federal and State Revenues	Revenue Available	\$80.78	\$77.49	\$165.71	\$323.97
	Project Costs	\$80.81	\$74.11	\$169.07	\$323.98
	Remaining Available	-\$0.03	\$3.38	-\$3.36	-\$0.01
Additional Local Revenues	Revenue Available	\$46.17	\$57.82	\$157.32	\$261.31
	Project Costs	\$47.80	\$58.59	\$154.92	\$261.31
	Remaining Available	-\$1.63	-\$0.77	\$2.40	\$0.00
Developer Revenues	Revenue Available	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Project Costs	\$0.00	\$0.00	\$2,115.96	\$2,115.96
	Remaining Available	\$0.00	\$0.00	\$0.00	\$0.00
All Revenues	Revenue Available	\$126.95	\$135.31	\$2,438.98	\$2,701.24
	Project Costs	\$128.61	\$132.70	\$2,439.94	\$2,701.25
	Remaining Available	-\$1.66	\$2.61	-\$0.96	-\$0.01

Transit System Revenues		2021-2025	2026-2030	2031-2040	Total
Existing Revenue Sources	Federal Revenues	\$19.99	\$18.71	\$39.44	\$78.14
	State Revenues	\$3.78	\$3.97	\$8.55	\$16.30
	Local Revenues	\$33.40	\$38.13	\$93.72	\$165.25
	Capital Costs	\$22.38	\$12.65	\$28.98	\$64.01
	Operating Costs	\$38.97	\$44.42	\$110.79	\$194.18
	Remaining Available	-\$4.19	\$3.74	\$1.94	\$1.50

St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(65% / 35% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOE)	
						Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million		
SIS Roadways																
1535	I-95	N. of Glades Cut-Off Rd.	S. of SR 70	6F	8F			\$1.71						\$42.16	\$43.87	
1536	I-95	N. of Becker Rd	N. of Glades Cut-Off Rd.	6F	8F			\$8.19						\$132.48	\$140.67	
550	Florida's Turnpike	Midway Rd.			New Interchange		unfunded	\$0				SIS	unfunded		\$0.00	
State Roadways																
402a	Kings Hwy	N. of I-95 Overpass	St. Lucie Blvd	2U	4D	OA	2021-2025	\$3.82	OA	2021-2025	\$8.69	OA	2021-2025	\$14.99	\$27.51	
402b	Kings Hwy	St. Lucie Blvd	Indrio Rd	2U	4D	OA	2021-2025	\$5.08	OA	2021-2025	\$11.53	OA	2026-2030	\$23.39	\$40.00	
500	US 1	Edwards Dr	SR A1A South	Operational Improvements									OA	2021-2025	\$6.75	\$59.35
											OA	2026-2030	\$17.60			
											OA	2031-2040	\$35.00			
401	Kings Hwy	Indrio Rd	US 1	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
	Congestion Management Program - State Roads											OA	2021-2025	\$5.00	\$5.00	
	Walk / Bike Improvements on State Roads (illustrative projects below)											OA	2026-2030	\$11.00	\$11.00	
	Florida East Coast Greenway (Mainland)											OA	2031-2040	\$54.33	\$54.33	
	Florida East Coast Greenway (SR A1A)											OA	2031-2040	\$9.25	\$10.19	
	Florida East Coast Greenway (Mainland)	Martin County	Fort Pierce													
	Florida East Coast Greenway (SR A1A)	Fort Pierce	Indian River County													
Local Roads																
408	Port St. Lucie Blvd	Paar Dr.	Darwin Rd.	2U	4D		Completed			Underway	\$0.00	TMA	2021-2025	\$12.01	\$17.80	
												PSL New	2021-2025	\$5.79		
413	Midway Rd.	Glades Cut-Off Rd.	Selvitz Rd.	2U	4D		Committed		OA	2021-2025	\$4.44	Cnty New	2021-2025	\$12.24	\$21.91	
												TMA	2021-2025	\$5.23		
407	Port St. Lucie Blvd	Becker Rd	Paar Dr.	2U	4D	TMA	2026-2030	\$2.79	PSL New	2026-2030	\$6.35	TMA	2026-2030	\$11.75	\$24.54	
												PSL New	2026-2030	\$3.65		
450c	Jenkins Rd	Angle Rd	St Lucie Blvd	00	4D	OA	2026-2030	\$3.36	Cnty New	2026-2030	\$7.64	TMA	2031-2040	\$5.24	\$33.47	
												OA	2031-2040	\$17.23		
403b	Glades Cut-Off Rd	Midway Rd	Selvitz Rd.	2U	4D	Cnty New	2026-2030	\$5.35	Cnty New	2031-2040	\$6.50	Cnty New	2031-2040	\$23.35	\$56.71	
												TMA	2031-2040	\$9.06		
												PSL New	2031-2040	\$22.03	\$27.03	
												TMA	2031-2040	\$5.00		
415	Floresta Dr	South Bend Blvd	Port St Lucie Blvd	2U	4D	PSL New	2031-2040	\$1.84	PSL New	2031-2040	\$4.19	TMA	2031-2040	\$7.38	\$15.66	
												PSL New	2031-2040	\$2.25		
404	Selvitz Rd	Glades Cut-Off Rd	Edwards Rd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
450a	Jenkins Rd	Midway Rd	Okeechobee Rd.	00	4D		unfunded	\$0.00		unfunded	\$0.00		unfunded	\$0.00	\$0.00	
450b	Jenkins Rd	Okeechobee Rd	Angle Rd	00	4D		unfunded	\$0.00		unfunded	\$0.00		unfunded	\$0.00	\$0.00	
414	St. Lucie West Blvd	E of I-95	Cashmere Blvd	4D	6D		unfunded	\$0.00		unfunded	\$0.00		unfunded	\$0.00	\$0.00	
428	Savona Blvd	Gatlin Blvd	California Blvd	2U	4D		unfunded	\$0.00		unfunded	\$0.00		unfunded	\$0.00	\$0.00	
406	East Torino Pkwy	Cashmere Blvd	Midway Rd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
416	South Bend Blvd	Becker Rd	Floresta Dr	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
403a	Glades Cut-Off Rd	Commerce Ctr Dr	Midway Rd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
2702	Airport Connector	I-95	Kings Highway	00	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
405	California Blvd	Savona Blvd	St Lucie West Blvd	2U	4D		unfunded	\$0.00		Unfunded	\$0.00		unfunded	\$0.00	\$0.00	
2703	North Mid-County Connector	Midway Rd	Florida's Turnpike	00	4D		Unfunded	\$0.00		Unfunded	\$0.00		Unfunded	\$0.00	\$0.00	



St. Lucie TPO
GO2040 LRTP Cost Feasible Plan Alternatives
Alternative 2C - Federal, State, and New Local Funds
(65% / 35% TMA Split)

Project Number	On Street	From	To	2019 Lanes	2040 CF Lanes	PD&E / PE			Right-Of-Way			Construction			Total Cost (\$ million YOE)
						Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	Source	Timing	Cost (YOE) \$ million	
Developer Roads (funded with Developer and County funds)															
2501	E-W-Road 6	Shinn Rd	Glades Cut-Off Rd	00	4D	Dev	2031-2040	\$9.82	Dev	2031-2040	\$22.31	Dev	2031-2040	\$51.32	\$83.44
2502	Williams Rd	Shinn Rd	Mccarty Rd	00	2U	Dev	2031-2040	\$4.27	Dev	2031-2040	\$9.71	Dev	2031-2040	\$22.32	\$36.30
2503	Williams Ext	Mccarty Rd	Glades Cutoff Rd	00	4D	Dev	2031-2040	\$7.63	Dev	2031-2040	\$17.34	Dev	2031-2040	\$39.89	\$64.87
2504	Newell Rd	Shinn Rd	Arterial A	00	4D	Dev	2031-2040	\$10.83	Dev	2031-2040	\$24.61	Dev	2031-2040	\$56.59	\$92.03
2505	Range Line Rd	Glades Cut-Off Rd	Midway Rd	00	4D	Dev	2031-2040	\$10.92	Dev	2031-2040	\$24.82	Dev	2031-2040	\$57.08	\$92.82
2506	Shinn Rd	Midway Rd	Glades Cut-Off Rd	00	4D	Dev	2031-2040	\$9.91	Dev	2031-2040	\$22.53	Dev	2031-2040	\$51.82	\$84.26
2507	Mccarty Rd	Williams Rd	Midway Rd	2U	4D	Dev	2031-2040	\$3.78	Dev	2031-2040	\$8.59	Dev	2031-2040	\$19.75	\$32.12
2508	Mccarty Rd	Glades Cut-Off Rd	Williams Rd	00	4D	Dev	2031-2040	\$8.42	Dev	2031-2040	\$19.13	Dev	2031-2040	\$43.99	\$71.53
2509	Arterial A	Glades Cut-Off Rd	Midway Rd	00	4D	Dev	2031-2040	\$9.95	Dev	2031-2040	\$22.61	Dev	2031-2040	\$52.01	\$84.57
2601	Becker Rd	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$18.12	Dev	2031-2040	\$41.18	Dev	2031-2040	\$94.70	\$154.00
2602	Paar Dr (West)	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$18.07	Dev	2031-2040	\$41.08	Dev	2031-2040	\$94.48	\$153.63
2603	Open View Dr (West)	Village Pkwy	Range Line Rd	00	4D	Dev	2031-2040	\$16.72	Dev	2031-2040	\$38.00	Dev	2031-2040	\$87.40	\$142.12
2604	E-W Road 2	Village Pkwy	N-S Road A	00	4D	Dev	2031-2040	\$11.36	Dev	2031-2040	\$25.83	Dev	2031-2040	\$59.40	\$96.59
2605	Discovery Way	Village Pkwy	Community Blvd	2D	4D	Dev	2031-2040	\$0.82	Dev	2031-2040	\$1.86	Dev	2031-2040	\$4.27	\$6.95
2606	Discovery Way	Community Blvd	Range Line Rd	00	4D	Dev	2031-2040	\$12.93	Dev	2031-2040	\$29.39	Dev	2031-2040	\$67.60	\$109.92
2607	Stony Creek Way	Range Line Rd	Tradition Pkwy	00	4D	Dev	2031-2040	\$7.14	Dev	2031-2040	\$16.22	Dev	2031-2040	\$37.31	\$60.66
2608	Tradition Pkwy	Range Line Rd	Stony Creek Way	00	4D	Dev	2031-2040	\$8.79	Dev	2031-2040	\$19.98	Dev	2031-2040	\$45.95	\$74.72
2609	Crosstown Pkwy	Range Line Rd	Village Pkwy	00	4D	Dev	2031-2040	\$11.54	Dev	2031-2040	\$26.23	Dev	2031-2040	\$60.34	\$98.11
2610	N-S Road A	Crosstown Pkwy	Becker Rd	00	4D	Dev	2031-2040	\$21.86	Dev	2031-2040	\$49.68	Dev	2031-2040	\$114.26	\$185.79
2611	N-S Road B	Becker Rd	Discovery Way	00	4D	Dev	2031-2040	\$11.94	Dev	2031-2040	\$27.13	Dev	2031-2040	\$62.41	\$101.48
2612	Community Blvd	Discovery Way	Becker Rd	00	4D	Dev	2031-2040	\$11.92	Dev	2031-2040	\$27.09	Dev	2031-2040	\$62.30	\$101.30
2701	Turnpike/I-95 Connector	Florida'S Turnpike	I-95	00	4D	Dev	2031-2040	\$21.86	Dev	2031-2040	\$9.39	Dev	2031-2040	\$157.51	\$188.75

Transit Service Description	Service Start Year	Capital Cost	Operating Cost	Total Cost
Transit System				
Continue Existing Fixed-Route Service (Routes 1 through 7)		\$20.23	\$45.72	\$65.95
Continue Existing Paratransit Service (ADA and TD)		\$23.66	\$97.74	\$121.41
Lakewood Park	2015	\$1.42	\$5.71	\$7.13
Bus Stop Infrastructure Upgrades	On-Going	\$0.44	\$0.00	\$0.44
Existing Service Improvements				
Route 1 - Improve Frequency to 30 mins	2017	\$0.62	\$11.43	\$12.05
Route 1 - Expand Service: 6:00AM to 8:00PM	2020	\$0.00	\$3.12	\$3.12
Route 1 - Add Saturday Service	2016	\$0.00	\$2.33	\$2.33
Route 2 - Expand Service: 6:00AM to 8:00PM	2020	\$0.00	\$1.56	\$1.56
Route 2 - Add Saturday Service	2016	\$0.00	\$1.17	\$1.17
Route 2 - Improve Frequency to 30 mins	2017	\$0.62	\$7.27	\$7.89
Route 3 - Expand Service: 6:00AM to 8:00PM	2020	\$0.00	\$1.56	\$1.56
Route 3 - Add Saturday Service	2016	\$0.00	\$1.17	\$1.17
Route 3 - Improve Frequency to 30 mins	2017	\$0.62	\$7.27	\$7.89
PSL Trolley - Combine with Route 5	Unfunded	\$0.00	\$0.00	\$0.00
Route 5 - Extend to US 1	Unfunded	\$0.00	\$0.00	\$0.00
Expanded Paratransit Service (ADA and TD)	2016	\$0.00	\$3.53	\$3.53
New Service Expansion				
Ft. Pierce/PSL Express	2027	\$1.38	\$0.78	\$2.16
Midway Rd/Health Dept	2030	\$0.18	\$0.52	\$0.70
Tri-Rail Express Connection	2030	\$0.64	\$1.17	\$1.81
Sunrise Blvd/Lawnwood/IRSC	2038	\$0.77	\$1.05	\$1.82
I-95 Palm Beach Express	2038	\$1.55	\$0.55	\$2.10
Tradition Circulator	2040	\$0.24	\$0.36	\$0.59
Turnpike Palm Beach Express	2040	\$1.63	\$0.18	\$1.80
North Hutchinson Island	Unfunded	\$0.00	\$0.00	\$0.00
South County Circulator	Unfunded	\$0.00	\$0.00	\$0.00
Torino Flex	Unfunded	\$0.00	\$0.00	\$0.00
New Administration & Operation Facility	2025	\$10.00	\$0.00	\$10.00

St. Lucie TPO 2040 Long Range Transportation Plan (LRTP) 2040 Cost Feasible Plan 2C Roadway Improvements and Bus Service

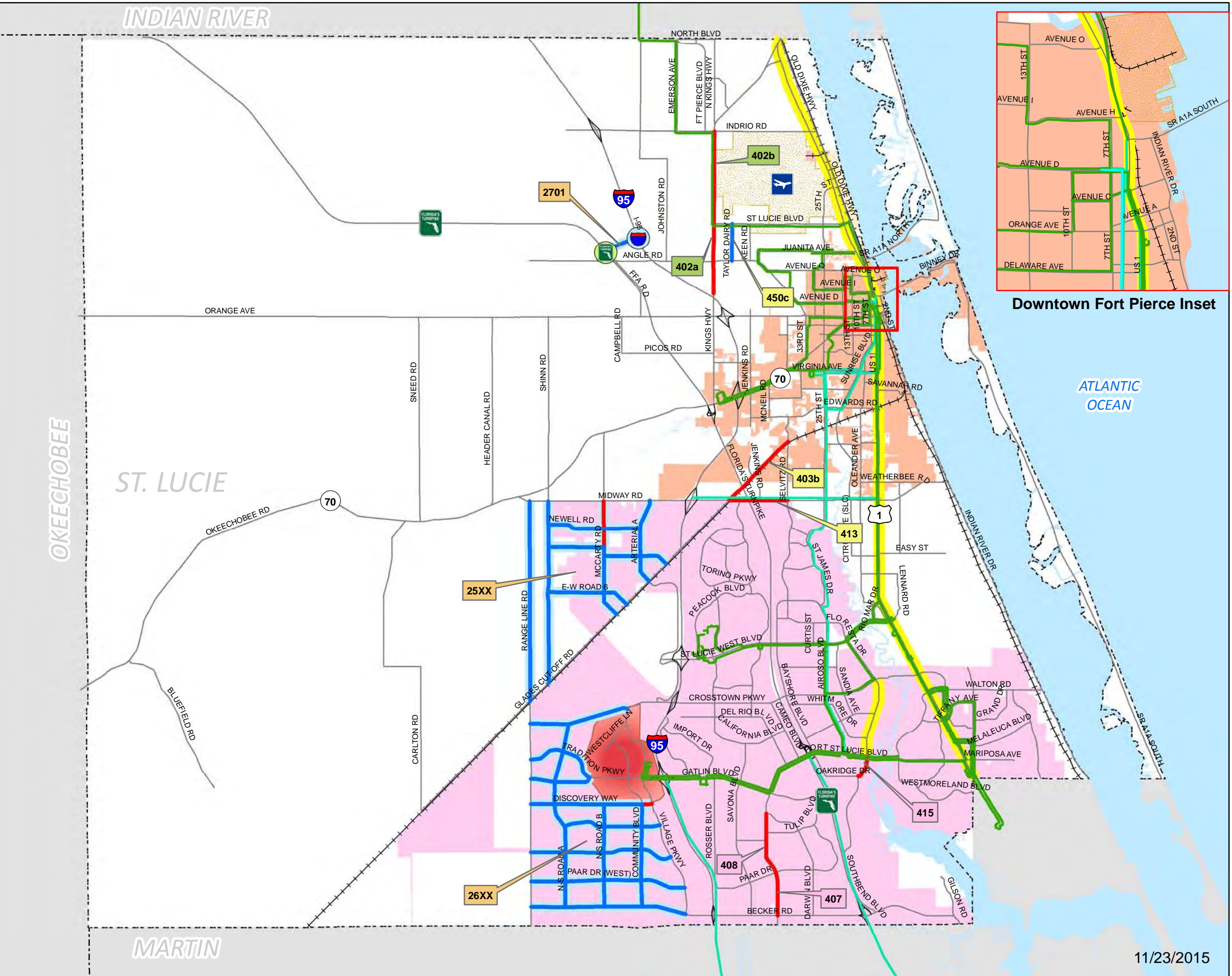
Legend

- Add 2 Lanes
- New Road
- Bus Service, Rte 1-7
- New Bus Service Expansion
- New Tradition Circulator Bus
-  New Interstate Interchange
-  New Turnpike Interchange
- Ramps
- Developer Road
- Operational Improvement
- - - Proposed FLZ Rail Line
- Proposed Freight Logistics Zones
- Fort Pierce
- Port St. Lucie
- St. Lucie Village
- 401 State Project
- 403 County Project
- 406 City Project (PSL)
- 25XX Developer Project

*Note: Road network is E+C with additional improvements to 2040 CF Plan 2C conditions.
Source: T.O. vTIMAS (Network)*



Downtown Fort Pierce Inset



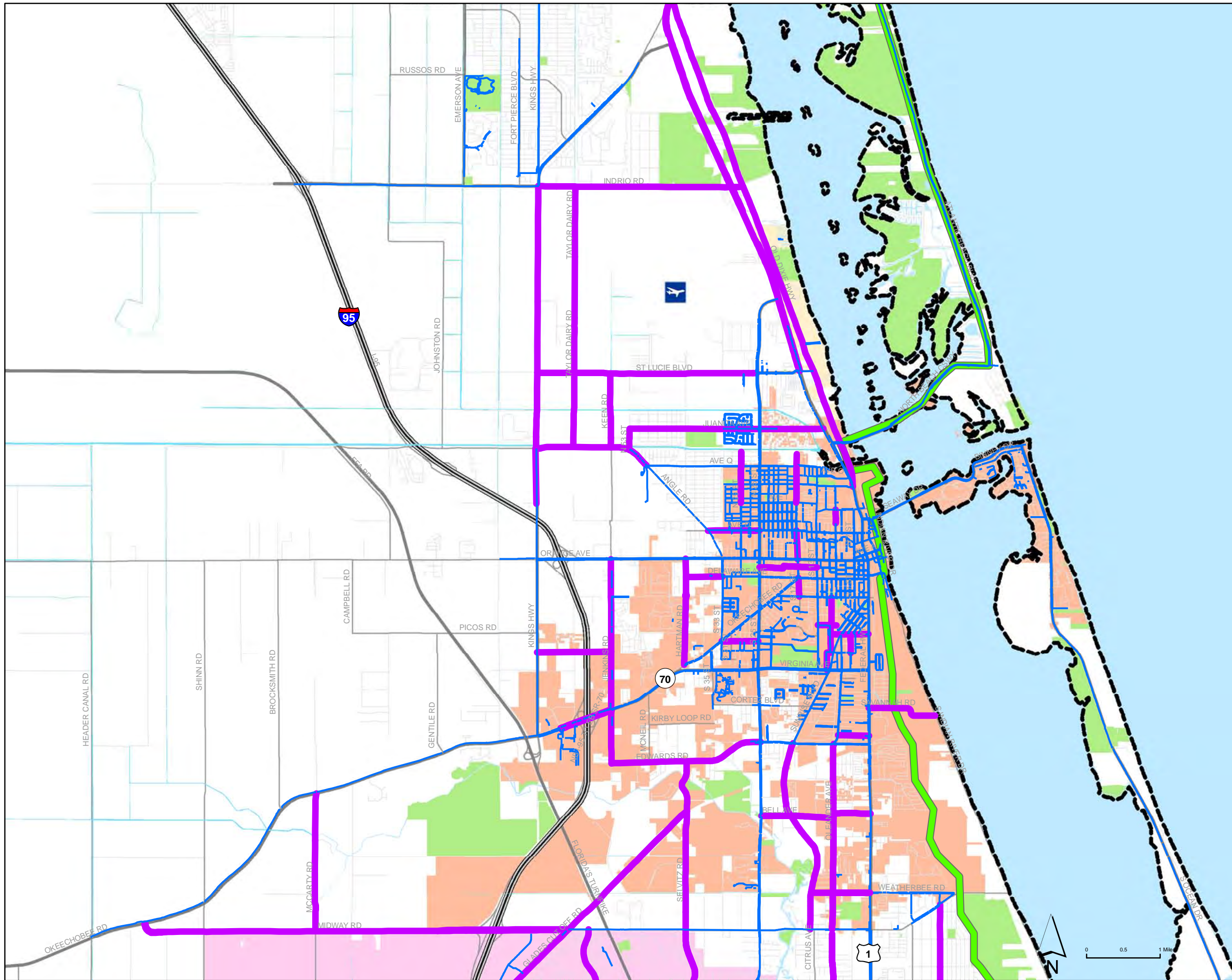
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







Go2040

St. Lucie TPO
Long Range Transportation Plan

**St. Lucie TPO
2040 Long Range
Transportation Plan (LRTP)
Map 2, Alt 2C (68/32 and 65/35)
Walk-Bike Network, North**



LEGEND

-  School
-  Existing Sidewalks & Bike Lanes & Striped Shoulders (Width Varies) From Bike/Ped Inventory and FY 2015/16 - FY 2019/20 TIP
-  Other Streets (95% Residential) Without Sidewalks & Bike Lanes & Striped Shoulders
-  Funded Sidewalks
-  East Coast Greenway
-  St. Lucie Parks and Preserves
-  Fort Pierce
-  Port St. Lucie
-  St. Lucie Village

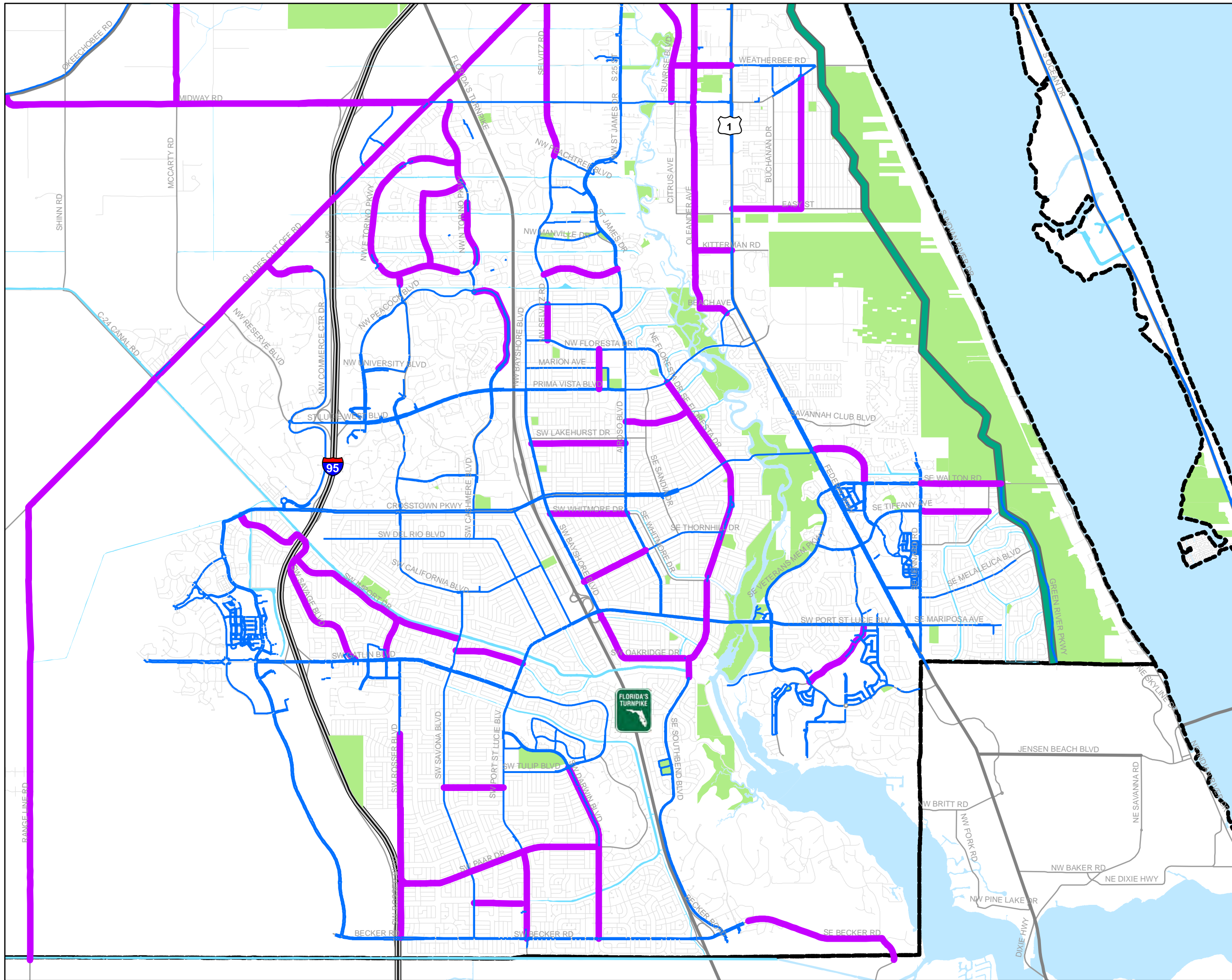
Source: St. Lucie TPO map packages

Date: 11/24/2015









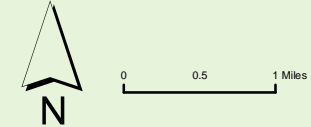
Go2040
St. Lucie TPO
Long Range Transportation Plan

**St. Lucie TPO
2040 Long Range
Transportation Plan (LRTP)
Map 3, Alt 2C (68/32 and 65/35)
Walk-Bike Network, South**



LEGEND

-  School
-  Existing Sidewalks & Bike Lanes & Striped Shoulders (Width Varies) From Bike/Ped Inventory and FY 2015/16 - FY 2019/20 TIP
-  Other Streets (95% Residential) Without Sidewalks & Bike Lanes & Striped Shoulders
-  Funded Sidewalks
-  East Coast Greenway
-  St. Lucie Parks and Preserves



Source: St. Lucie TPO map packages

Date: 11/24/2015



Go2040
St. Lucie TPO
Long Range Transportation Plan

AGENDA ITEM SUMMARY

Board/Committee:	St. Lucie TPO Board
Meeting Date:	December 16, 2015
Item Number:	9c
Item Title:	Bicycle Rack Plan
Item Origination:	Unified Planning Work Program (UPWP)
UPWP Reference:	Task 3.5 – Bicycle/Pedestrian/Greenway Planning
Requested Action:	Adopt the Bicycle Rack Plan, adopt with conditions, or do not adopt
Staff Recommendation:	Based on the recommendations of the TPO Advisory Committees, it is recommended that the Bicycle Rack Plan be adopted.

Attachments

- Staff Report
- Bicycle Rack Plan
- TPO Area North Bicycle Rack Needs Plan Map
- TPO Area South Bicycle Rack Needs Plan Map

MEMORANDUM

TO: St. Lucie TPO Board

THROUGH: Peter Buchwald
Executive Director

FROM: Edward DeFini
Bicycle/Pedestrian Program Manager – GIS Analyst

DATE: November 25, 2015

SUBJECT: Bicycle Rack Plan

BACKGROUND

Task 3.5, *Bicycle/Pedestrian/Greenway Planning*, of the Unified Planning Work Program (UPWP) for the St. Lucie TPO includes the development of a Bicycle Rack Plan to prioritize and install bicycle racks at locations throughout the St. Lucie TPO area. The purposes of the Bicycle Rack Plan are to:

- Raise awareness of the need for secure bike racks
- Raise awareness of the current lack of bike racks
- Recommend locations for bike racks in public right-of-way

The Bicycle Rack Plan compliments the Bicycle-Pedestrian Facilities Inventory, Transportation Disadvantaged Services Plan, the Go2040 Long-Range Transportation Plan, and the comprehensive plans of the local jurisdictions.

ANALYSIS

The intention of the plan is to identify general locations for bicycle racks in public right-of-way adjacent to bus stops in residential and commercial activity centers. Therefore, municipal bus stops, and school bus stops are a major component of the plan.

After the completion of base maps, a database was created for analysis that included bus stop locations and other points of interest to be studied for bicycle rack needs. Each of the locations was evaluated for the need for bicycle racks.

In addition, the types of bike racks that can be installed were evaluated in the plan. Appendices A, B, and C of the plan contain tables with addresses and recommendations for each location that was identified as a need in the plan.

The plan is part of a complete multimodal transportation plan that will result in connecting biking and walking, public transit options, and carpooling. Upon the adoption of the plan, cost estimates for the installation of the bicycle racks may be determined, and the plan recommendations may be incorporated into local jurisdictional plans, project design plans, and the TPO Priority Project Lists.

At their meetings during the week of November 16th, the TPO Advisory Committees recommended the adoption of the Bicycle Rack Plan.

RECOMMENDATION

Based on the recommendations of the TPO Advisory Committees, it is recommended that the Bicycle Rack Plan be adopted.



St. Lucie Transportation
Planning
Organization

Bike Rack Plan



Prepared by the St. Lucie Transportation Planning Organization

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1. INTRODUCTION

Bike Travel and Bike Parking in the TPO Area

The TPO area offers great potential for every-day bicycle travel. With our population density, traditional neighborhoods, five (5) major activity centers, downtown business district, sidewalk network, bicycle lane network, and public transportation routes, it is possible for most residents to travel to hospitals, shopping and work without ever driving.

The potential is supported by *Florida's Energy & Climate Change Action Plan* ". . . consider the impact on greenhouse gas emissions; increase transit ridership; increase the percentage of people that walk, bicycle, carpool, vanpool, or telecommute; . . . develop and implement policies and strategies that include program funding and financial incentives that expand non-automobile infrastructure . . ."

Bicycling is a sensible mode of transportation in the area because:

- 64% of trips, by any mode of transportation, are under five miles
- 68% of residents live within two miles of a bus stop
- 72% of residents live within one mile of a multi-modal facility such a sidewalk, bicycle lane, paved multi-use path, or bus stop that will seamlessly connect us to shopping centers, hospitals, and recreation areas.

Surveys indicate that one of the barriers to bicycle travel is the lack of secure, safe, bicycle parking spots.

Commercial center before bike rack requirements



Typical school bus stop



The Bike Rack Plan supplements the Bicycle Pedestrian Facilities Inventory, Transportation Disadvantaged Services Plan, the Go2040 long range plan, and comprehensive plans of local municipalities. It identifies general locations for bicycle racks in public right-of-way adjacent to bus stops in residential and commercial activity centers. Therefore, municipal bus stops, and school bus stops are a major component of the plan. Buses connect residential areas to schools and commercial centers. However, few bicycle racks are available for those interested in using bicycles to get to and from bus stops.

2. PURPOSE, FRAMEWORK, AND METHODS

Purpose of the “Bike Rack Plan”

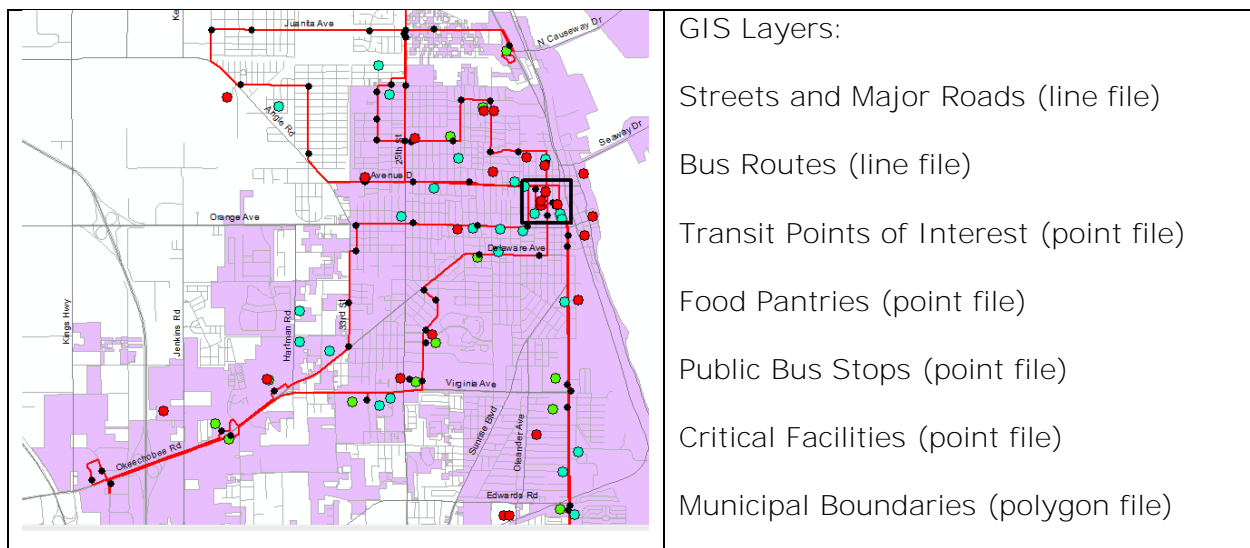
- Raise awareness of the need for secure bike racks
- Raise awareness of the current lack of bike racks
- Recommend locations for bike racks in public right-of-way

In 2015, TPO staff finished the process of conducting a complete inventory of the area’s Walk/Bike Network. Staff updated the St. Lucie Bicycle Facilities Map, updated the TPO’s List of Priority Projects, and updated the TPO’s Transportation Improvement Program.

Next, staff completed the process of identifying and mapping gaps in the existing Walk/Bike Network and developed the Bicycle/Pedestrian Needs map for the 2040 Long Range Transportation Plan (LRTP). Staff then began the process of identifying and mapping the TPO area’s activity centers and Environmental Justice Areas identified in the LRTP. The addition of the “Bike Rack Plan” is part of a complete alternative transportation plan that will result in connecting biking and walking, public transit options, carpooling, and telecommuting.

GIS Mapping

Figure 1 below is an example of one of the base maps that were created. A box is drawn around a dense cluster of points mentioned above.



Bike Rack Database

After the completion of the base maps, staff created a database combining information on bus stop locations and points of interest to be studied for bicycle rack needs. Appendices A, B, and C contain tables with addresses and recommendations for each location that was inventoried for the plan.

3. CONDITIONS AND RACK LOCATION RECOMMENDATIONS

During the 2014/2015 fiscal year, staff conducted inventory of parks, community centers, libraries, city offices, and public right-of-way. This inventory entailed visual observations of existing bicycle accommodations throughout the area. Staff observed that there are relatively few bike racks being used in relation to bicycle parking in general. Bicycle racks that are present at public locations are:

- Placed in locations that are inconvenient to access
- Of an outmoded design
- Not visible along routes traveled by bicyclists

More importantly, however, staff noted that the bus stops frequented by the transportation disadvantaged and school age children lack bicycle racks. Many parks, playgrounds, and schools lack appropriate bicycle racks.

Because of the lack of parking opportunities, staff noticed a prevalence of bicycles chained to signposts, lampposts, and fences. Cyclists often have to resort to utilizing these items to secure their bikes for lack of a better alternative.

The following photos show a typical 20 student school bus stop on a local road in Port St. Lucie. There is no room on the road to safely walk or ride a bicycle. Children walk or ride in the path of oncoming vehicles or in the drainage ditch, at dawn, and dusk, to get to and from a school bus stop. Most of the 240 public bus stops are adjacent to a sidewalk.

- There are 240 public transit bus stops in the TPO area (ridership statics TBD).
- There are 5,090 school bus stops in the TPO area (ridership statics TBD).

Bikes tend to be locked to sign posts and railings when a bike rack is not present. The following photos show typical existing conditions with red text used to identify the locations recommended for bike racks (see appendix 2 for the full list).

Figure 1: School bus stop at Cameo Boulevard and Gulfpoint Drive



School Bus Stops

Figure 2: Savona Boulevard & Girard Avenue school bus stop shelter



Figure 3: Torino Parkway at Winter Lakes Apartments



Figure 4: Savona Boulevard and Hunnicut Avenue



Public Schools

Figure 5: St. Lucie West Centennial High School



Figure 6: Fort Pierce Central High School



Figure 7: Manatee Elementary School



Figure 8: Bayshore Elementary School



Figure 9: Forrest Grove Middle School



Figure 10: St. Lucie West Middle School



Figure 11: Southern Oaks Middle School 1 bicycle per 10 students crossing 25th St. / St. James Dr.



Figure 12: Former Orange Blossom Mall, City of Fort Pierce



Park and Ride Lots

Figure 13: The Park & Ride at 2300 Virginia Ave

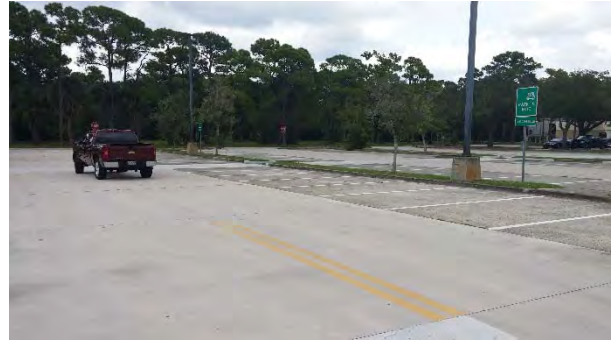


Figure 14: Park & Ride Lot at Bayshore Boulevard and Chandler Terrace



Municipal Bus Stops

Figure 15: Route 6 at Ravenswood Pool



Figure 16: Route 6 at Wal-Mart in St. Lucie West



Municipal Bus Terminals

Figure 17: Port St. Lucie (Deacon Avenue) Terminal



Figure 18: Fort Pierce Avenue D Bus Terminal



Municipal Parking Garages

Figure 19: Port St. Lucie Civic Center



Figure 20: Fort Pierce City Hall Parking Garage



Commercial Centers

Figure 21: Coco Vista Center



Municipal Parks

Figure 22: Sportsmans Park Little League Game



Figure 23: Kiwanas Park



Figure 24: Girl Scout Friendship Park



Figure 25: Mary Ann Cernuto Park

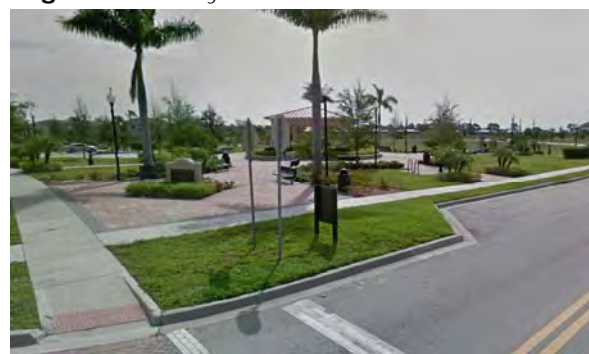


Figure 26: Swan Park



Figure 27: Fred Cook Park



4. RACKS IN USE AND RECOMMENDATIONS

Type of Racks Currently in Use

The following racks are considered outdated by bicycle organizations and major cities. They don't support the bicycle at two points on the frame. Since most modern bikes have quick-release wheels, these are not a secure racks. Wheels can be bent using these racks.



Typical "Ribbon Rack" at area supermarket locations. Ribbon racks are marginally acceptable, and areas already served by ribbon racks are a lower priority for remediation. In most cases, a single the rack installed at a school bus stop is simply too small for the number of students riding to the school bus stop.



Typical "Dish Rack" at area schools and parks. This style of rack is designed such that the bike's front wheel is chained to the rack. Cyclists often end up mounting the bike on the rack with the front wheel over the top the rack, in order to secure the bike's frame. Since most modern bikes have quick-release wheels, this is not a secure rack.



Typical "Fence Rack" This style of rack is designed such that the bike's front wheel is chained to the rack. Cyclists often end up mounting the bike on the rack with the front wheel over the top the rack, in order to secure the bike's frame. Since most modern bikes have quick-release wheels, this is not a secure rack.

Type of Rack Recommended

The City of Los Angeles Department of Transportation (LADOT) offers bicycle parking at its Metro-link Stations and Park and Ride lots. Inverted-U bicycle racks are available at many stations. Inverted-U racks support the bicycle at two points on the frame and accept a variety of bicycle locks including u-locks and all cables and chains.

The LADOT Sidewalk Bike Parking Program uses an inverted-U bicycle rack. It is 36" high constructed of 2 3/8" galvanized pipe and holds two bikes. Users are able to lock both the wheels and frame of the bicycle to the rack. The rack has no sharp edges or moving parts and is virtually maintenance free.

Figure 28: Inverted-U bicycle racks



City of New York, Corner of Prince Street & W. Broadway (bike outlined is parked on a U Rack)



Figure 29: Inverted-U bicycle racks



5. MEDICAL CENTERS

Figure 30: Tradition Medical Center (U racks visible from sidewalk, street, and parking lot)



Figure 31: St. Lucie Medical Center



Figure 32: Lannwood Regional Medical Center



6. GREENWAY AND TRAIL CORRIDORS

Figure 32: Figure
Green River Pkwy. (Treasure Coast Loop Trail)



Figure 33:
North Hutchinson Island A1A East Coast Greenway



7. RACK INNOVATION

Racks That Attach to Existing Sign Post Infrastructure

The bike rack below is designed for existing sign posts. It supports the bicycle at two points on the frame and accepts a variety of bicycle locks. The colored “Cycleparks” can also double as markers for bike routes, leading cyclists down a particular path.



8. CORRIDOR RECOMMENDATIONS

With the establishment of transit stops along the following routes, they are expected to serve as key multimodal corridors for the TPO area. Therefore, to ensure that transit service encourages additional ridership, a coordinated effort among the transit provider, school board, municipalities and TPO is paramount to the plan's success.

25th Street: This corridor is parallel to US 1 and expected to have a higher concentration of transit by 2035. This corridor should serve as a key multimodal corridor for the County with continuous bicycle lanes and sidewalks and interconnections to surrounding residential areas for safe and convenient access to transit stops for area residents. Bus shelters and bicycle racks should be prioritized along this corridor to improve transit user conditions and increase the share of “choice” riders.

US 1: Support enhanced transit along US 1 and the US 1 retrofit project. Similarly to 25th Street, bus shelters and bicycle racks should be prioritized along this corridor as well as interconnecting the corridor to surrounding residential areas via bicycle and pedestrian networks. These networks will also increase the likelihood of an area resident walking to the US 1 corridor for shopping trips.

Torino Parkway/California Boulevard: These corridors are identified as future transit corridors. Bus shelters, bicycle racks and other improvements should be planned in coordination with the transit agency to increase the share of “choice” riders. These roads travel through dense residential areas and will provide convenient transit access to a substantial number of households.

Lakewood Park Transit Route: These corridors are identified as future transit corridors. Bus shelters, bicycle racks and other improvements should be planned in coordination with the transit agency to increase the share of “choice” riders. These roads travel through dense residential areas and will provide convenient transit access to a substantial number of households.

St. Lucie School Board Major Bus Routes: Many of these corridors through dense residential areas are identified as existing or future sidewalks corridors. Bus shelters, and bicycle racks should be planned in coordination with the school board.

9. RECOMMENDATIONS

The following recommendations are based on Leadership in Energy & Environmental Design (LEED) Guidelines. LEED, is a green building certification program that recognizes best-in-class building strategies and practices. The intent of LEED Guidelines is to reduce automobile use for a continual decrease in pollution levels.

For Commercial/Institutional Buildings, bike racks should be provided for 5% or more of all building occupants, measured during peak use, and secure bike racks should be within 200 yards of an entrance to the building.

For Residential Buildings, there should be covered facilities for bike racks for 15% of the occupants, and secure bike racks within 200 yards of an entrance to the building.

According to National Bicycle Associations, when municipalities have bike racks it is best to publicize them so that pedestrians and bicyclists can find them easily. Use signs to direct cyclists to the parking. The location of bicycle racks can be publicized in marketing, advertising and informational pamphlets like the St. Lucie Bicycle Facilities Map.

Staff recommends the “Bike Rack Plan” to be included as part of a complete alternative transportation plan that will identify the merits of bike racks connecting biking and walking, public transit options, school bus stops, and carpooling.

Appendix A “Points of Interest” shows a Y in the Rack Column if a rack is existing rack at the building and a Y in the Add Rack at the column if a rack is recommended.

Appendix B “Municipal Bus Stops” shows a Y in the Rack Column if a rack is existing rack at a building near the bus stop and a Y in the Add Rack column if a rack is recommended.

Appendix C “School Bus Stops” shows a Y in the Rack Column if a rack is existing rack at a building near the bus stop and a Y in the Add Rack column if a rack is recommended.

Appendix A

Transit Points of Interest

Name/Address	Rack	Add Rack	Location
Taylor Creek Commons	Y		1851 N US Highway 1
Zora Hurston Library	Y		3008 Avenue D
Lincoln Park Academy	Y		1806 Avenue I
Ilous Ellis Park	Y		1301 Avenue M
Florida Community Health Center		Y	1505 Delaware Ave
Lawnwood Regional Medical Center	Y		1700 S 23rd St
County Building	Y		2300 Virginia Ave
Indian River State College	Y		3209 Virginia Ave
Walmart	Y		5100 Okeechobee Rd
Golden Corral			5091 Okeechobee Rd
Orange Blossom Business Center		Y	4200 Okeechobee Rd
Eastport Plaza	Y		9100 S US Highway 1
County Annex Building		Y	1664 SE Walton Rd
Midport 1 & 2		Y	Village Green Dr & Royal Green Cir
St Lucie Medical Center		Y	1800 SE Tiffany Ave
CVS Pharmacy	Y		9801 S US Highway 1
Town Center	Y		10101 S US Highway 1
Adams Place			1605 SE Port St Lucie Blvd
Boulevard Shoppes	Y		1720 SE Port St Lucie Blvd
Quadros Professional Center		Y	1591 SE Port St Lucie Blvd
Rivergate Plaza	Y		1125 SE Port St Lucie Blvd
City Fountain Center		Y	1160 SE Port St Lucie Blvd
Port St Lucie Community Center	Y		2195 SE Airoso Blvd
Camri Center		Y	1920 SE Port St Lucie Blvd
Walmart	Y		10855 S US Highway 1
Sam's Club		Y	10900 S US Highway 1
Treasure Coast Square Mall	Y		3174 NW Federal Hwy, Jensen Beach
La Buena Vita			8601 S US Highway 1
Spanish Lakes Riverfront			S US Highway 1 & Los Lagos Ln
Best Western			7900 S US Highway 1
Prima Vista Crossing		Y	7576 S US Highway 1
St Lucie Square		Y	6666 S US Highway 1
Kitterman Plaza		Y	6641 S US Highway 1
Twin Vee			3101 S US Highway 1
Sabal Palm Plaza		Y	2551 S US Highway 1
Kmart Plaza	Y		2111 S US Highway 1

Name/Address	Rack	Add Rack	Location
Benton Building		Y	337 N US Highway 1
Chase Bank			130 S Entrada Ave
Sportsman Park	Y		201 NW Prima Vista Blvd.
Port St Lucie Library	Y		180 SW Prima Vista Blvd
Dorchester Strip Mall		Y	445 NW Prima Vista Blvd
Cornerstone Pediatrics			380 SW Prima Vista Blvd
Martin Memorial Health Systems		Y	1095 NW St Lucie West Blvd
Cashmere Corners		Y	880 SW St Lucie West Blvd
CVS Pharmacy			1300 SW St Lucie West Blvd
Shoppes at St Lucie West	Y		1317 NW St Lucie West Blvd
Publix	Y		1333 NW St Lucie West Blvd
LA Fitness	Y		1367 NW St Lucie West Blvd
St Lucie County Annex	Y		250 NW Country Club Dr
Walmart	Y		1675 NW St Lucie West Blvd
Lake Whitney		Y	501 NW Lake Whitney Pl
150 Chamber Ct			150 Chamber Ct
Super Play	Y		1600 NW Courtyard Cir
Chili's			2050 NW Courtyard Cir
Hilton Garden Inn		Y	8540 Commerce Centre Dr
IRSC			500 NW California Blvd
Tradition Field	Y		525 NW Peacock Blvd
Port St Lucie City Hall	Y		121 SW Port St Lucie Blvd
Wendy's			270 SW Port St Lucie Blvd
Victoria Square	Y		247 SW Port St Lucie Blvd
Bravo Supermarket			2820 SW Port St Lucie Blvd
CVS Pharmacy			2873 SW Port St Lucie Blvd
Walmart	Y		1850 SW Gatlin Blvd
Landing at Tradition	Y		10720 SW Village Parkway
Post Office		Y	5000 W Midway Rd
Sheriff's Dept.		Y	4700 W Midway Rd
New Horizons		Y	4500 W Midway Rd
Health Dept.		Y	5150 NW Milner Dr
Social Security Administration		Y	6810 S US Hwy 1
Post Office		Y	1805 Orange Ave
Goodwill		Y	
FAU's Harbor Branch Oceanographic Institute	Y		
Lakewood Park Regional Park Pool	Y		5990 Emerson Ave
Fairwinds Golf/Club House/Pro	Y		4400 Fairwinds Dr
Lakewood Park Branch Library	Y		7605 Santa Barbara Dr

Appendix B

Municipal Bus Stops (sample below is 240 of 240 municipal bus stops)

The letter Y in the Rack column means a rack is at a building near the bus stop

A letter Y in the Add column means a rack at the stop should be a priority based on location type

Name/Address	Rack	Add Rack	Location
County Annex Bldg. at Civic Center Pl & Walton Road	Y	Y	Bus Stop Transfer
Port St Lucie Intermodal Facility at Airoso Blvd & Deacon Ave	Y		Bus Stop Transfer
Treasure Coast Medical Bldg. at Hillmoor Dr & Tiffany Ave			Bus Stop
Staples at US Highway 1 & Town Center Plaza			Bus Stop
S 23rd St & Virginia Ave		Y	Bus Stop
Lawnwood Med Center at S 23rd St & Frist Blvd	Y		Bus Stop
Birch St & Ormand Ave			Bus Stop
Kaufman Ave & Havana at Okeechobee Rd		Y	Bus Stop
FL Community Health Ctr at Delaware Ave & 15th St			Bus Stop
Delaware Ave & Beach Ct			Bus Stop
N 7th St & Avenue B			Bus Stop
N 9th St & Orange Ave			Bus Stop
Orange Ave & N 15th St			Bus Stop
Orange Ave & N 24th St			Bus Stop
S 32nd St & Orange Ave			Bus Stop
S 32nd St & Delaware Ave		Y	Time Point Stop
S 33rd St & Meadow Ln			Bus Stop
S 33rd St & Okeechobee Rd			Bus Stop
Orange Blossom Business Park at Okeechobee Rd & Hartman Rd		Y	Bus Stop
Walmart at Okeechobee Rd & McNeil Rd	Y	Y	Time Point Stop
Wheeler Ter & Okeechobee Rd			Bus Stop
Crossroads Pkwy & Peters Rd		Y	Time Point Stop
Crossroads Pkwy & Darter Ct			Bus Stop
Golden Corral at Okeechobee Rd & McNeil Rd			Bus Stop
IRSC at S 30th St & Virginia Ave	Y	Y	Time Point Stop
Avenue D & N 16th St		Y	Bus Stop
Avenue D & N 24th St		Y	Bus Stop
Zora Hurston Library at Avenue D & N 31st St	Y		Bus Stop
N 39th St & Avenue G		Y	Time Point Stop
Avenue Q & N 49th St			Bus Stop
N 53rd St & Juanita Ave			Bus Stop
Juanita Ave & N 47th St			Bus Stop
Juanita Ave & Essex Dr		Y	Time Point Stop
Juanita Ave & E 21st Ct			Bus Stop
N 27th St & Avenue Q			Bus Stop
N 29th St & Avenue P			Bus Stop

Name/Address	Rack	Add Rack	Location
N 29th St & Avenue L			Bus Stop
Avenue I & N 24th St			Bus Stop
Avenue I & N 18th St			Bus Stop
N 17th St & Avenue O		Y	Bus Stop
Avenue O & N 13th St		Y	Bus Stop
N 13th St & Avenue H		Y	Bus Stop
Avenue H & N 10th St		Y	Time Point Stop
Housing Authority at N 7th St & Avenue G		Y	Bus Stop
Benton Bldg. at AE Backus Ave & N 7th St		Y	Bus Stop
Cash America at US Highway 1 & Citrus Ave		Y	Bus Stop
K-Mart at US Highway 1 & Virginia Ave	Y	Y	Time Point Stop
Bank of America at Sabal Palm Plaza at US Highway 1 & Virginia ave		Y	Bus Stop
Twin Vee at US Highway 1 & Edwards Rd			Bus Stop
US Highway 1 & Farmers Market Rd			Bus Stop
Treasure Coast Lexus at US Highway 1 & Midway Rd			Bus Stop
US Highway 1 & Rio Mar Dr		Y	Bus Stop Transfer
Chase Bank at Entrada Ave & Eaton Dr		Y	Bus Stop Transfer
Spanish Lakes Riverfront at US Highway 1 & Los Lagos Ln			Bus Stop
US Highway 1 & La Buena Vita			Bus Stop
CVS Pharmacy/Horizon Bay at US Highway 1 & Lyngate Dr			Bus Stop
Treasure Coast Square Mall at US Highway 1	Y	Y	Time Point Stop
Hess at US Highway 1 & Savanna Club Blvd			Bus Stop
Best Western at US Highway 1 & Mediterranean Blvd			Bus Stop
US Highway 1 & Dickson Dr			Bus Stop
US Highway 1 & Edwards Rd			Bus Stop
CVS Pharmacy at US Highway 1 & Virginia Ave	Y	Y	Time Point Stop
US Highway 1 & Atlantic Ave			Bus Stop
ISCC/FAU Colleges at California Blvd & Granville St	Y	Y	Bus Stop
Tradition Field at University Blvd & Stadium Dr	Y	Y	Time Point Stop
Midport Place 1 at Village Green Dr & Royal Green Cir		Y	Bus Stop
N 29th St & Avenue I		Y	Time Point Stop
Boulevard Shoppes at Port St Lucie Blvd & Lannewood St		Y	Time Point Stop
QVC at Peacock Blvd & Business Center Dr			Bus Stop
Chili's at Courtyard Cir & St Lucie West Blvd		Y	Time Point Stop
Superplay at Courtyard Cir & Peacock Blvd	Y		Bus Stop
Walmart at Lake Charles Blvd & St Lucie West Blvd	Y	Y	Time Point Stop
Hilton Garden Inn at Champions Way & Reserve Blvd			Bus Stop
150 Chamber Ct Bldg. at Chamber Ct & California Blvd			Bus Stop
CVS Pharmacy at Bethany Dr & St Lucie West Blvd		Y	Time Point Stop
Cashmere Corners at Cashmere Blvd & St Lucie West Blvd			Bus Stop

Name/Address	Rack	Add Rack	Location
Cornerstone Pediatrics at Prima Vista Blvd & Dorchester St			Bus Stop
Dorchester Strip Mall at Prima Vista Blvd & Dorchester St		Y	Bus Stop
PSL Library at Ravenswood Ln & Prima Vista Blvd	Y	Y	Time Point Stop
Sportsman Park at Prima Vista Blvd & Ravenswood Ln	Y	Y	Time Point Stop
Prima Vista Blvd & Floresta Dr			Bus Stop
Prima Vista Blvd & Naranja Ave			Bus Stop
Prima Vista Blvd & Rio Mar Ct			Bus Stop
Gatlin Blvd & Fondura Blvd			Bus Stop
Gatlin Blvd & Savage Blvd			Bus Stop
LA Fitness at Village Pkwy & Traditions Landings	Y		Time Point Stop
Walmart at Gatlin Blvd & Brigantine Pl	Y		Time Point Stop
Gatlin Blvd & Import Dr		Y	Time Point Stop
Gatlin Blvd & Dakota St			Bus Stop
Gatlin Blvd & Savona Blvd		Y	Bus Stop
CVS Pharmacy at Port St Lucie Blvd & Tulip Blvd		Y	Bus Stop
Bravo Supermarket at Port St Lucie Blvd & Aviation Ave			Bus Stop
Port St Lucie Blvd & Cameo Blvd		Y	Time Point Stop
Port St Lucie Blvd & Cameo Blvd			Bus Stop
Port St Lucie City Hall at Port St Lucie Blvd & Airoso Blvd	Y		Bus Stop
US Highway 1 & Midway Rd	Y	Y	Time Point Stop
US Highway 1 & Rio Mar Dr			Bus Stop
Fort Pierce Intermodal at N 8th St & Avenue D	Y		Bus Stop Transfer
Prima Vista Crossing at Prima Vista Blvd & US Highway 1		Y	Bus Stop Transfer
Prima Vista Blvd & Peach St			Bus Stop
Prima Vista Blvd & Peach St			Bus Stop
Martin Medical Center at St Lucie West Blvd			Bus Stop
SLW Shoppes - Publix at St Lucie West Blvd & Bethany Dr	Y	Y	Time Point Stop
SLW Shoppes - LA Fitness at St Lucie West Blvd & Bethany Dr	Y		Bus Stop
St Lucie County Annex at Country Club Dr & Amherst Dr			Bus Stop
Park & Ride at 25th St & Virginia Ave		Y	PR
Port St Lucie Blvd & Floresta Dr			Bus Stop
Port St Lucie Blvd & Floresta Dr			Bus Stop
Rivergate Plaza at Port St Lucie Blvd & Seafury Ln	Y	Y	Time Point Stop
Eastport Plaza at US Highway 1 & Walton Rd		Y	Time Point Stop
Midport Place 1 at Village Green Dr & Royal Green Cir			Bus Stop
Staples at US Highway 1 & Town Center Plaza			Bus Stop Transfer
Port St Lucie Intermodal Facility at Airoso Blvd & Deacon Ave			Bus Stop Transfer
Port St Lucie Blvd & Sansom Ln			Bus Stop
Port St Lucie Blvd & Sansom Ln		Y	Time Point Stop
Floresta Dr & Verada Ave			Bus Stop

Name/Address	Rack	Add Rack	Location
Floresta Dr & Cavern Ave			Bus Stop
West Virginia Ave & Floresta		Y	Bus Stop
Crosstown Pkwy & Manth Ln		Y	Bus Stop
Crosstown Pkwy & Sandia Dr		Y	Time Point Stop
Crosstown Pkwy & Airoso Blvd		Y	Bus Stop
Airoso Blvd & Crosstown Pkwy		Y	Bus Stop
Airoso Blvd & Thornhill Dr			Bus Stop
Airoso Blvd & Thornhill Dr		Y	Time Point Stop
Port St Lucie Intermodal Facility at Airoso Blvd & Deacon Ave	Y		Bus Stop Transfer
US Highway 1 & Tumblin Kling Rd			Bus Stop
US Highway 1 & Tumblin Kling Rd			Bus Stop
Kitterman Plaza at US Highway 1 & Kitterman Rd		Y	Bus Stop
St Lucie Square Plaza at US Highway 1 & Kitterman Rd			Bus Stop
Prima Vista Crossing at Prima Vista Blvd & US Highway 1	Y	Y	Bus Stop Transfer
County Annex Bldg. at Civic Center Pl & Walton Road	Y	Y	Time Point Stop
Sam's Club at Lennard Rd & US Highway 1		Y	Bus Stop
Life Care Center at Jennings Road & US Highway 1		Y	Time Point Stop
N 25th St & Juanita Ave		Y	Time Point Stop
Avenue Q & N 39th St			Bus Stop
Taylor Creek Commons at US Highway 1 & N Causeway Dr		Y	Bus Stop
Kaufman Ave & S 21st St		Y	Time Point Stop
City Fountain Center at Port St Lucie Blvd & Westmoreland Blvd		Y	Bus Stop
Port St Lucie Blvd & Bordeaux Ct			Bus Stop
Quadros Professional Center at Port St Lucie Blvd & Sidonia St		Y	Bus Stop
Port St Lucie Blvd & Adams Place			Bus Stop
Camri Center at Port St Lucie Blvd & Delano Rd		Y	Bus Stop
Walmart at US Highway 1 & Lennard Rd	Y		Bus Stop
Lennard Rd & Mariposa Ave		Y	Bus Stop
Lennard Rd & Melaleuca Blvd		Y	Bus Stop
CVS Pharmacy/Horizon Bay at US Highway 1 & Lyngate Dr		Y	Bus Stop
Victoria Square at Port St Lucie Blvd & Trenton Ln			Bus Stop
Wendy's at Port St Lucie Blvd & Bayshore Blvd			Bus Stop
Port St Lucie Blvd & Dalton Ave			Bus Stop
Airoso Blvd & Christmas Ter			Bus Stop
Airoso Blvd & Eyerly Ave			Bus Stop
Airoso Blvd & Lakehurst Dr		Y	Bus Stop
Lake Whitney at Lake Charles Blvd at Lake Whitney Pl			Bus Stop
Fort Pierce Intermodal at N 8th St & Avenue D	Y	Y	Bus Stop Transfer
Fort Pierce Intermodal at N 8th St & Avenue D	Y		Bus Stop Transfer
Midport Place 1 at Village Green Dr & Royal Green Cir			Bus Stop

Name/Address	Rack	Add Rack	Location
Sam's Club at Lennard Rd & US Highway 1			Bus Stop
Port St Lucie Blvd & Delano Rd			Bus Stop
Lennard Rd & Grand Dr		Y	Bus Stop
Tiffany Ave & Village Green Dr		Y	Bus Stop
US Highway 1 & Rio Mar Dr			Bus Stop Transfer
Chase Bank at Entrada Ave & Eaton Dr			Bus Stop Transfer
Lennard Rd & Avalon Rd			Bus Stop
FT. PIERCE BLVD & BEL AIR AVE SB			Bus Stop
FT. PIERCE BLVD & WOODSMERE WAY NB			Bus Stop
FT. PIERCE BLVD & DELAND AVE SB		Y	Time Point Stop
FT. PIERCE BLVD & EDEN RD NB			Bus Stop
LAKESWOOD PK LIBRARY SB	Y	Y	Time Point Stop
INDRIO XING		Y	Time Point Stop
LAKESWOOD PK PLAZA			Bus Stop
HOLIDAY PINES			Bus Stop
PORTOFINO SHORES			Bus Stop
BUTTERFIELD DRUGSTORE			Bus Stop
ST. LUCIE BLVD & AIRPORT SB			Bus Stop
ST. LUCIE BLVD & INDUSTRIAL 33RD SB			Bus Stop
ST. LUCIE BLVD & N 25TH ST SB			Bus Stop
JUANITA AVE & 25TH ST SB		Y	Time Point Stop
N. 25th ST. & AVE I NB/SB			Bus Stop
N. 25th ST. & AVE Q NB/SB			Bus Stop
N. 25th ST. & VALENCIA AVE NB		Y	Time Point Stop
ST. LUCIE BLVD & HARSON WAY NB			Bus Stop
ST. LUCIE BLVD & HAMMOND RD SB			Bus Stop
ST. LUCIE BLVD & ROADRUNNER PK SB		Y	Time Point Stop
FT. PIERCE BLVD & DELAND AVE NB		Y	Time Point Stop
FT. PIERCE BLVD & HIBISCUS RD. NB			Bus Stop
FT. PIERCE BLVD & WOODSMERE WAY SB			Bus Stop
FT. PIERCE BLVD & GADDY ST. NB			Bus Stop
SOUTH POINT PLAZA NB/SB		Y	Time Point Stop
Fort Pierce Intermodal at N 8th St & Avenue D	Y		Bus Stop Transfer
FT. PIERCE BLVD & HIBISCUS RD. SB			Bus Stop
FT. PIERCE BLVD & EDEN RD SB			Bus Stop
LAKESWOOD PK LIBRARY NB	Y	Y	Time Point Stop
ST. LUCIE BLVD & ROADRUNNER PK NB			Bus Stop
ST. LUCIE BLVD & HAMMOND RD NB			Bus Stop

Appendix C

School Bus Stops (Sample below is 147 of 5,090 School Bus Stops)

Name/Address	Rack	Add Rack	Location
CRNR SAVONA BLVD SW & ACKARD AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & ADCOCK AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & ALCANTARRA BLVD SW		Y	SCHOOL BUS STOP
CRNR SAVONA BLVD SW & AMBOY AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & AXTELL AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & BABCOCK AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & BARGELLO AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & BECKER RD SW		Y	SCHOOL BUS STOP
CRNR SAVONA BLVD SW & CENTURY AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & CENTURY AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & DALTON AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & DARTMOUTH AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & ECKARD AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & EMERALD AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & EMERALD AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & GIRARD AVE SW	Y	Y	SCHOOL BUS STOP
CRNR SAVONA BLVD SW & GLASTONBERRY AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & HALEYBERRY AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & HERALD RD SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & HUNNICUT AVE SW	Y		SCHOOL BUS STOP
CRNR SAVONA BLVD SW & JERICHO AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & KAPOK AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & LAWNDALE AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & MANCUSO AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & MARMORE AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & MEDINA AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & MELROSE AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & PARMA AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & PARR DR SW-N of intersection		Y	SCHOOL BUS STOP
CRNR SAVONA BLVD SW & PATRICIA AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & SAN ESTEBAN AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & SANTIAGO AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & STONY AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & WELLINGTON AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & WELLINGTON AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW & ZULETA AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW AND ADCOCK AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW AND BARGELLO AVE SW			SCHOOL BUS STOP

CRNR SAVONA BLVD SW AND ECKARD AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW AND FLETCHER LN SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW AND WELLINGTON AVE SW			SCHOOL BUS STOP
CRNR SAVONA BLVD SW AND ZULETA AVE SW			SCHOOL BUS STOP
CRNR AVENUE A & ANGLE RD		Y	SCHOOL BUS STOP
CRNR AVENUE B & 13TH ST N			SCHOOL BUS STOP
CRNR AVENUE B & 13TH ST N			SCHOOL BUS STOP
CRNR AVENUE B & 13TH ST N			SCHOOL BUS STOP
CRNR AVENUE B & 13TH ST N			SCHOOL BUS STOP
CRNR AVENUE B & 19TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE B & 21ST ST N			SCHOOL BUS STOP
CRNR AVENUE B & 31ST ST N			SCHOOL BUS STOP
CRNR AVENUE B & 39TH ST N			SCHOOL BUS STOP
CRNR AVENUE B & 8TH ST N			SCHOOL BUS STOP
CRNR AVENUE B AND 10TH ST N			SCHOOL BUS STOP
CRNR AVENUE C & 10TH ST N			SCHOOL BUS STOP
CRNR AVENUE C & 17TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE C & 17TH ST N			SCHOOL BUS STOP
CRNR AVENUE C & 21ST ST N			SCHOOL BUS STOP
CRNR AVENUE C & 23RD ST N			SCHOOL BUS STOP
CRNR AVENUE C & 2ND ST N			SCHOOL BUS STOP
CRNR AVENUE D & 26TH ST N			SCHOOL BUS STOP
CRNR AVENUE E & 10TH ST N			SCHOOL BUS STOP
CRNR AVENUE E & 10TH ST N			SCHOOL BUS STOP
CRNR AVENUE E & 10TH ST N			SCHOOL BUS STOP
CRNR AVENUE E & 18TH ST N			SCHOOL BUS STOP
CRNR AVENUE E & 21ST ST N			SCHOOL BUS STOP
CRNR AVENUE E & 22ND ST N			SCHOOL BUS STOP
CRNR AVENUE E & 23RD ST N			SCHOOL BUS STOP
CRNR AVENUE E & 29TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE E & 2ND ST N			SCHOOL BUS STOP
CRNR AVENUE E & 6TH ST N			SCHOOL BUS STOP
CRNR AVENUE E & 8TH ST N			SCHOOL BUS STOP
CRNR AVENUE F & 29TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE F & 31ST ST N			SCHOOL BUS STOP
CRNR AVENUE F & 37TH ST N			SCHOOL BUS STOP
CRNR AVENUE G & 10TH ST N			SCHOOL BUS STOP
CRNR AVENUE G & 17TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE G & 17TH ST N			SCHOOL BUS STOP
CRNR AVENUE G & 22ND ST N			SCHOOL BUS STOP
CRNR AVENUE G & 24TH ST N			SCHOOL BUS STOP
CRNR AVENUE G & 29TH ST N			SCHOOL BUS STOP
CRNR AVENUE G & 7TH ST N			SCHOOL BUS STOP

Name/Address	Rack	Add Rack	Location
CRNR AVENUE G & 7TH ST N:			SCHOOL BUS STOP
CRNR AVENUE H & 10TH ST N			SCHOOL BUS STOP
CRNR AVENUE H & 29TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE H & 7TH ST N			SCHOOL BUS STOP
CRNR AVENUE H & DUNDAS CT			SCHOOL BUS STOP
CRNR AVENUE I & 12TH ST N			SCHOOL BUS STOP
CRNR AVENUE I & 12TH ST N			SCHOOL BUS STOP
CRNR AVENUE I & 19TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE I & 21ST ST N			SCHOOL BUS STOP
CRNR AVENUE I & 23RD ST N			SCHOOL BUS STOP
CRNR AVENUE I & 24TH ST N			SCHOOL BUS STOP
CRNR AVENUE I & 37TH ST N			SCHOOL BUS STOP
CRNR AVENUE I & 39TH ST N			SCHOOL BUS STOP
CRNR AVENUE I & 7TH ST N			SCHOOL BUS STOP
CRNR AVENUE I & FEDERAL HWY N			SCHOOL BUS STOP
CRNR AVENUE I AND 37TH ST N			SCHOOL BUS STOP
CRNR AVENUE J & 31ST ST N			SCHOOL BUS STOP
CRNR AVENUE J & 37TH ST N			SCHOOL BUS STOP
CRNR AVENUE J AND 13TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE K & 13TH ST N-J			SCHOOL BUS STOP
CRNR AVENUE K & 17TH ST N:		Y	SCHOOL BUS STOP
CRNR AVENUE K & 19TH ST N			SCHOOL BUS STOP
CRNR AVENUE K & 22ND ST N			SCHOOL BUS STOP
CRNR AVENUE K & 29TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE K & ANGLE RD		Y	SCHOOL BUS STOP
CRNR AVENUE K & PALM WALK LN			SCHOOL BUS STOP
CRNR AVENUE K AND 27TH ST N			SCHOOL BUS STOP
CRNR AVENUE L & 13TH ST N			SCHOOL BUS STOP
CRNR AVENUE M & 10TH ST N			SCHOOL BUS STOP
CRNR AVENUE M & 22ND ST N			SCHOOL BUS STOP
CRNR AVENUE M & 29TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE M & 31ST ST N			SCHOOL BUS STOP
CRNR AVENUE M & 37TH ST N			SCHOOL BUS STOP
CRNR AVENUE M AND 10TH ST N			SCHOOL BUS STOP
CRNR AVENUE M AND 37TH ST N			SCHOOL BUS STOP
CRNR AVENUE N & 29TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE O & 13TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE O & 15TH ST N			SCHOOL BUS STOP
CRNR AVENUE O & 17TH ST N			SCHOOL BUS STOP
CRNR AVENUE O & 17TH ST N		Y	SCHOOL BUS STOP

CRNR AVENUE O & 22ND ST N			SCHOOL BUS STOP
Name/Address	Rack	Add Rack	Location
CRNR AVENUE O & 37TH ST N			SCHOOL BUS STOP
CRNR AVENUE O & 41ST ST N			SCHOOL BUS STOP
CRNR AVENUE O & BETHANY CT			SCHOOL BUS STOP
CRNR AVENUE O AND 13TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE O AND 13TH ST N			SCHOOL BUS STOP
CRNR AVENUE P & 23RD ST N			SCHOOL BUS STOP
CRNR AVENUE P & 29TH ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 16TH ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 18TH ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 19TH ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 22ND ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 29TH ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 29TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE Q & 33RD ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 33RD ST N		Y	SCHOOL BUS STOP
CRNR AVENUE Q & 35TH ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 42ND ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 43RD ST N			SCHOOL BUS STOP
CRNR AVENUE Q & 44TH ST N			SCHOOL BUS STOP
CRNR AVENUE Q & SOUTHWEST			SCHOOL BUS STOP
CRNR AVENUE Q AND 19TH ST N			SCHOOL BUS STOP
CRNR AVENUE Q AND 27TH ST N		Y	SCHOOL BUS STOP
CRNR AVENUE Q AND 45TH ST N			SCHOOL BUS STOP

Appendix D

Source: of recommendations:

<http://biketallahassee.com/index.html>

<http://www.slideshare.net/RaeleighStarkAICP/bike-parking-guidefinal-2015>

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http://www.quincyma.gov/CityOfQuincy_Content/documents/Bicycle%20Parking%20Plan%20for%20Quincy.pdf

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<http://www.fastcoexist.com/3029299/these-simple-devices-turn-every-sign-post-into-a-bike-rack>

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<http://www.commuterpage.com/pages/special-programs/tdm-for-site-plans/bicycle-parking-specifications/>

-

<http://nhts.ornl.gov/>

-

<http://www.stonnington.vic.gov.au/>

-

<http://www.oregon.gov/ODOT/HWY/BIKEPED/pages/parking.aspx>

-

<http://ddot.dc.gov/page/bicycle-parking>

-

<http://home.bikestation.com/locations>

-

<http://ddot.dc.gov/node/477272>

-

https://en.wikipedia.org/wiki/Bicycle_parking

-

http://www.nyc.gov/html/dcp/html/bicycle_parking/index.shtml

-

<http://www.watertown-ma.gov/DocumentCenter/View/15634>

-

<http://suburbanassault.org/2013/06/25/bike-parking-build-it-and-they-will-come/>

-

<http://www.ibike.org/engineering/parking.htm>

Appendix E

Design Fail vs. Smart Design

Figure 1: Sam's Club Gatlin Boulevard (20 benches, 10 trash cans 5 lights, 0 racks)



Figure 2: Smart Design - Location unknown (not in St. Lucie TPO area)



In Tallahassee, Local business owners are seeing more and more customers patronizing their businesses by bike. However, many public spaces, popular commercial districts, area parks and local attractions do not have sufficient bike parking to meet the current demand. Throughout the community, this has led to the rapid spread of the **4T epidemic Tying Things to Trees**. In response to community requests to increase local bicycle parking and avoid the continued abuse of trees and traffic signs, the Tallahassee City Commission approved the creation of the Bike Rack program in spring 2014. The bike rack program will provide public bike parking along public right-of-ways and in Place making districts throughout the [MultiModal Transportation District](#) (MMTD).

Figure 3: City of Tallahassee U Rack



The first phase of the bike rack program is focused on installations in the 18.2 mile [MultiModal Transportation District](#) (MMTD). The City of Tallahassee has ordered 100 new bike racks and installations are scheduled to begin in spring 2015.

Figure 4: Wal-Mart St. Lucie West



Figure 6: CocoVista Center Potential space for U Racks



Figure 7: Centennial High School



Dysfunctional racks promote dysfunctional bicycle parking. Bikes fall and wheels get bent. Bikes with removable wheels may have the frame stolen when only front wheel is secured. It is no wonder why these racks are usually hidden behind building.

Figure 8: Near a bus stop in St Lucie West Dish Racks cause bikes to be parked like this.



Figure 9: U Racks give riders incentive to park like this cause bike



Figure 10: U Racks save sidewalk space. Two bikes can be parked side by side like this.



Figure 11: CocoVista Center



Figure 12: Shoppes at St. Lucie West bus stop with no racks





End

Draft


St. Lucie TPO 2040 Long Range Transportation Plan (LRTP) TPO Area North Bicycle/Pedestrian Facility Needs (Bicycle Racks)


Legend


 St. Lucie Public / Charter Schools


 Streets (95% Residential)
Without Sidewalks and
Bicycle Lanes


 Existing Sidewalk


 Existing Bicycle Lane


 Existing Bicycle Lane + Sidewalk
From Bike/Ped Inventory and
FY2015/16 - FY2019/20 TIP


 Need Sidewalk

 Need Bicycle Lane


 Need Sidewalk and Bicycle Lane


 Activity Centers
Common Destinations of the
Transportation Disadvantaged

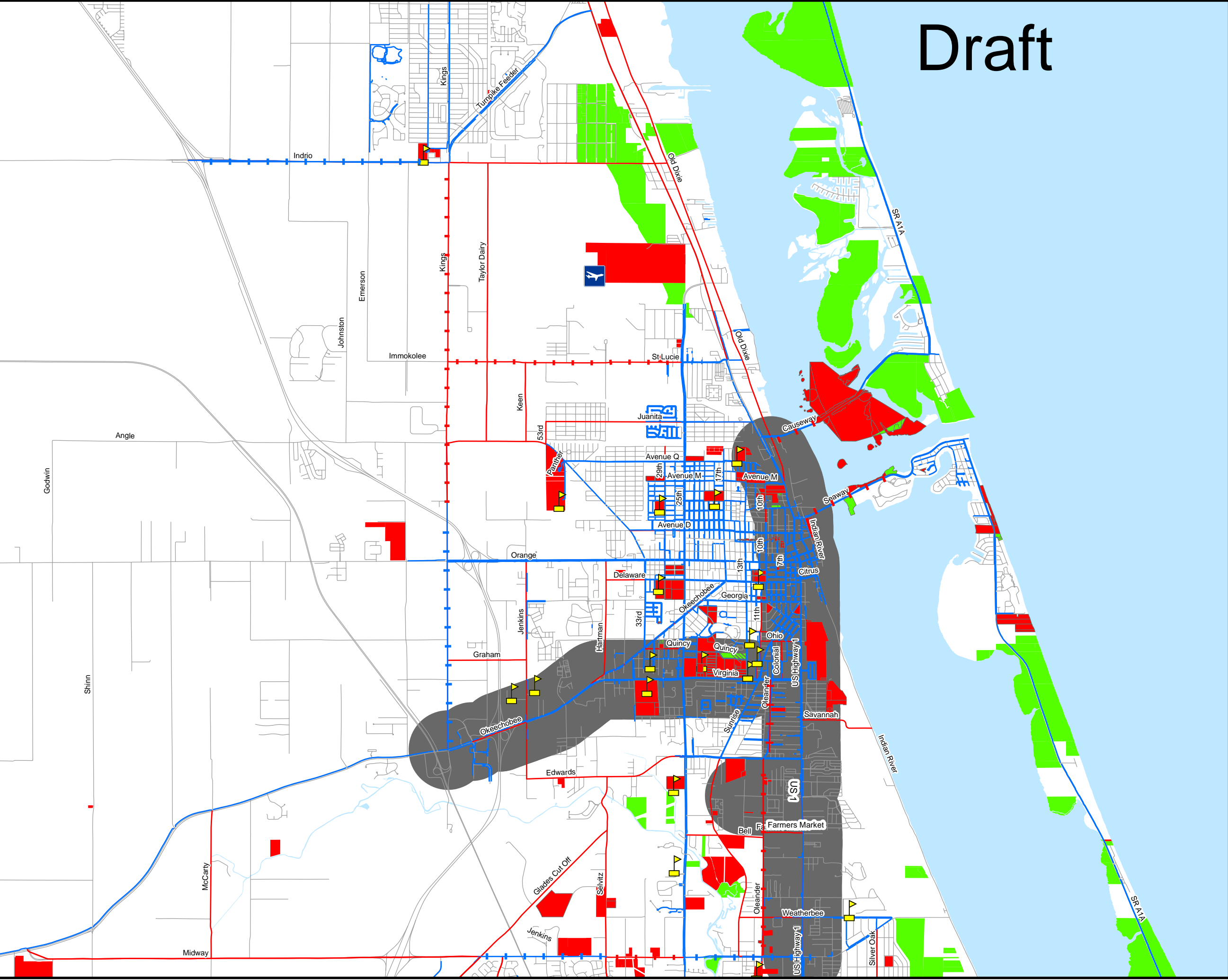
 Bike Racks Recommended on
Open Space Recreation Land Use
parcels within Activity Centers

 Bike Racks recommended
on Institutional Land Use Parcels
Within Activity Centers

Note: Busses stop at major intersections within the activity centers that are common destinations for the Transportation Disadvantaged.

 Other Open Space Recreation
Land Use Parcels recommended
for Bike Racks based on proximity
to existing and proposed
bike lanes and bus stops












 Other Institutional Land Use Parcels
recommended for Bike Racks
based on proximity to existing/proposed
bike lanes and bus stops





Draft

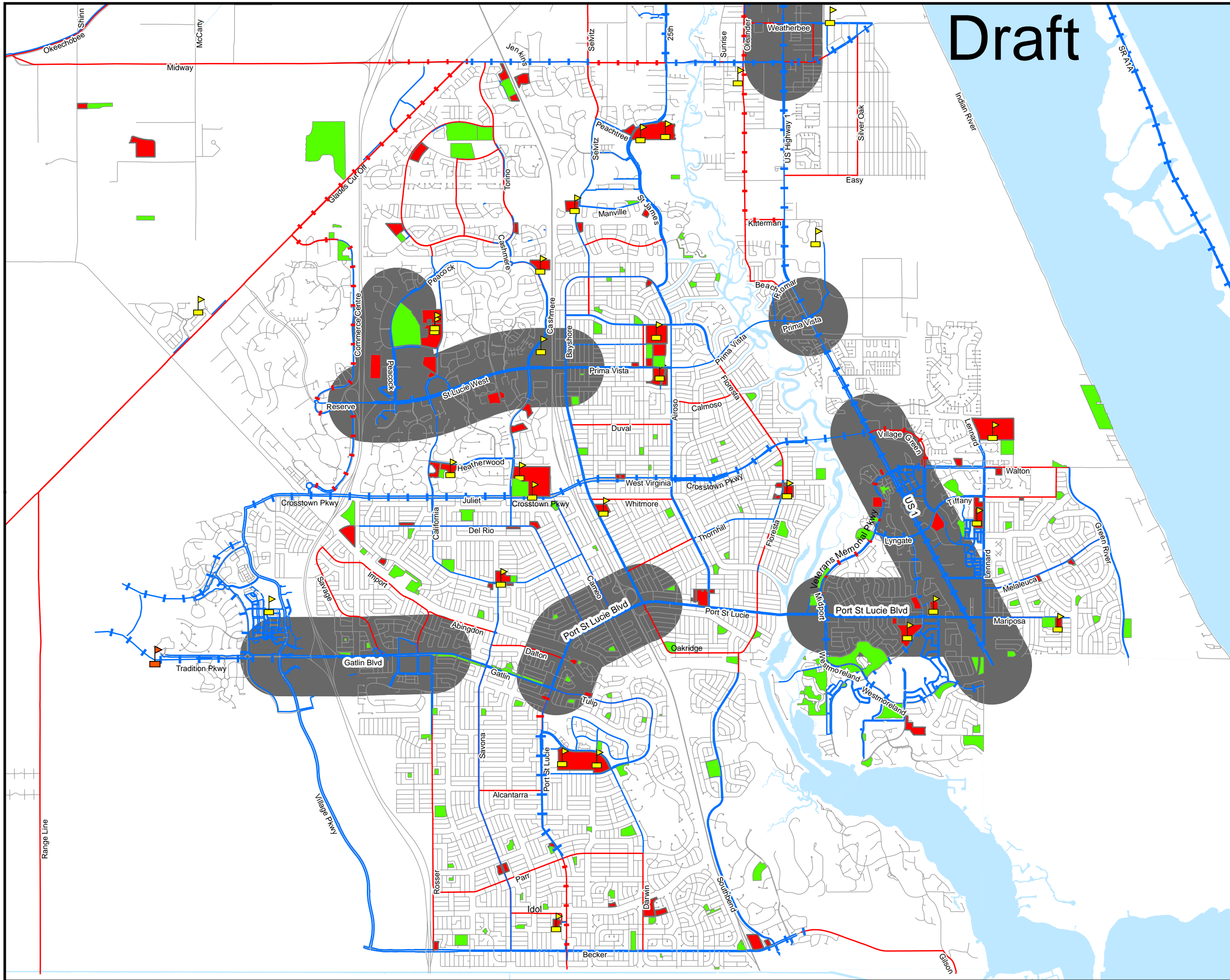
St. Lucie TPO 2040 Long Range Transportation Plan (LRTP) TPO Area South Bicycle/Pedestrian Facility Needs (Bicycle Racks)

Legend

-  St. Lucie Public / Charter Schools
-  Streets (95% Residential) Without Sidewalks and Bicycle Lanes
-  Existing Sidewalk
-  Existing Bicycle Lane
-  Existing Bicycle Lane + Sidewalk From Bike/Ped Inventory and FY2015/16 - FY2019/20 TIP
-  Need Sidewalk
-  Need Bicycle Lane
-  Need Sidewalk and Bicycle Lane
-  Activity Centers
Common Destinations of the Transportation Disadvantaged
-  Bike Racks Recommended on Open Space Recreation Land Use parcels within Activity Centers
-  Bike Racks recommended on Institutional Land Use Parcels Within Activity Centers

Note: Buses stop at major intersections within the activity centers that are common destinations for the Transportation Disadvantaged.

-  Other Open Space Recreation Land Use Parcels recommended for Bike Racks based on proximity to existing and proposed bike lanes and bus stops
-  Other Institutional Land Use Parcels recommended for Bike Racks based on proximity to existing/proposed bike lanes and bus stops



AGENDA ITEM SUMMARY

Board/Committee: St. Lucie TPO Board

Meeting Date: December 16, 2015

Item Number: 9d

Item Title: Walton Road Improvements Feasibility Study

Item Origination: Unified Planning Work Program (UPWP)

UPWP Reference: Task 4.1 – Walton Road Multimodal Improvements

Requested Action: Approve the Scope of Services for the Walton Road Improvements Feasibility Study, approve with conditions, or do not approve

Staff Recommendation: Based on its scope, cost, and schedule being consistent with Task 4.1 of the UPWP and on the recommendations of the TPO Advisory Committees, it is recommended that the draft Scope of Services for the Walton Road Improvements Feasibility Study be approved.

Attachments

- Staff Report
- Draft Scope of Services

MEMORANDUM

TO: St. Lucie TPO Board

FROM: Peter Buchwald
Executive Director

DATE: November 25, 2015

SUBJECT: **Walton Road Improvements Feasibility Study**

BACKGROUND

Walton Road from Lennard Road to Indian River Drive is in poor condition and does not include shoulders or any pedestrian or bicycle facilities. The FY 2014/15 – FY 2015/16 Unified Planning Work Program (UPWP) for the St. Lucie TPO includes Task 4.1, *Walton Road Multimodal Improvements*. The objective of Task 4.1 is to conduct a feasibility study of potential multimodal improvements to this segment of Walton Road. A Scope of Services to complete the feasibility study has been prepared for approval.

ANALYSIS

The feasibility study will include a detailed analysis to evaluate widening and multimodal improvements with respect to environmental, socio-cultural, and engineering factors. In order to consider improvements along Walton Road including bicycle and pedestrian infrastructure, the feasibility study will evaluate “fatal flaws” associated with the corridor improvements. Stakeholder’s input and planning agency consensus will be obtained through continuous cooperative efforts, and the planning activities will be coordinated with the Florida Department of Transportation, the City of Port St. Lucie, St. Lucie County, and State environmental resources agencies.

The Scope of Services for the feasibility study was prepared by Stanley Consultants Inc. (SCI). SCI is one of the General Planning Consultants for the St. Lucie TPO. The Scope of Services contains several tasks including analyses of the existing conditions, bicycle and pedestrian mobility, and

potential impacts and other environmental concerns. The study is estimated to be completed for less than \$43,000 and is expected to be completed within six months of commencement. The draft scope, cost, and schedule are consistent with Task 4.1 of the UPWP.

At their meetings during the week of November 16th, the TPO Advisory Committees reviewed the draft Scope of Services, provided comments, and recommended its approval. Subsequently, the draft Scope of Services was revised to incorporate the comments provided by the TPO Advisory Committees.

RECOMMENDATION

Based on its scope, cost, and schedule being consistent with Task 4.1 of the UPWP and on the recommendations of the TPO Advisory Committees, it is recommended that the draft Scope of Services for the Walton Road Improvements Feasibility Study be approved.

Walton Road Multimodal Improvements Feasibility Study Draft Scope of Services

OVERVIEW

Improvements to Walton Road from Lennard Road to Green River Parkway are included in the 2035 RL RTP. Public input received during the development of the 2035 RL RTP supported infill development and future growth focused on the eastern portion of the county. Based on input from local planning departments and residents, the need for conducting a study to evaluate improvements to Walton Road was identified. The 2035 RL RTP supports infill development along the US 1 Corridor. The eastern portion of St. Lucie County and Port St. Lucie are expected to experience significant growth.

PURPOSE

To conduct a feasibility study for multimodal improvements to Walton Road from Lennard Road to Indian River Drive. The feasibility study will include a planning level analysis to evaluate widening and multimodal improvements with respect to environmental, socio-cultural and engineering factors. The study will evaluate traffic and multimodal transportation improvements along the Walton Road Corridor. It is intended to help improve alternative transportation modes and increase the efficiency of the local transportation network.

SCOPE OF SERVICES

The following requirements and tasks comprise the services that the CONSULTANT will employ to accomplish the purpose of this work authorization for the TPO.

Task 1 – Coordination, Meetings and Documentation

Coordination with TPO staff and other agencies – Coordination with TPO staff, City of Port St. Lucie, FDOT, FEC Railroad, Florida Fish and Wildlife Conservation Commission (FWC) and St. Lucie County/Community Transit by the CONSULTANT is included to gain Stakeholder's input and agency consensus.

Draft Report Comments Meeting –The CONSULTANT will attend (1) meeting to discuss review comments offered by the TPO on the Draft Report.

Presentations to Committees & TPO Board –The CONSULTANT will attend (1) meeting with the BPAC, CAC, TAC and the TPO Board to present the Draft Report.

Documentation–Decisions and agreements made during the feasibility study process need to be documented by the CONSULTANT and retained in the project files for future reference.

Task 2 – Corridor Analysis

The CONSULTANT will assess the existing conditions along the corridor, evaluate the traffic and multimodal transportation improvements and examine fatal flaws for implementation. The assessment shall include a review of physical, operating, and safety conditions. The assessment will be based on field reviews, office reviews and information gathered from various sources. All findings, recommendations, cost estimates, and supporting documentation shall be documented in a final report.

2.1 Existing Conditions

Existing information will be collected for existing roadway, bicycle and pedestrian facilities through office reviews and field reviews. A checklist listing all the items that need to be assessed as part of the verification will be prepared by the CONSULTANT to facilitate the general review process.

2.1.1 Office Review Process

The CONSULTANT will review the existing plans and conditions within the corridor and gather information that might be pertinent for improvements that can be made within the study limits. During the **office review process**, the following information will be assessed:

2.1.1.1 Physical Conditions

- Functional Classification.
- Bicycle Facilities.
- Crosswalk and Sidewalk locations.
- Location and design of intersections, etc.
- Right of Way limits.
- Transit routes/stops.

The information will be obtained from old plans, as built drawings, and other historical records. Information shall be provided by the TPO. Relevant information to the study will be included in an appendix of the report.

2.1.1.2 Operating Conditions

- An evaluation of legal posted speeds on the corridor.
- Identify operational deficiencies at intersections.
- Bicycle and Pedestrian Mobility verbal or written concerns of past, present and/or anticipated future problems. Obtain information in a written format to be included as support documentation in the final report.
- Document detrimental operating conditions of the corridor that can be attributed to current access control based on field observations.

2.1.1.3 Safety

The TPO will provide the CONSULTANT with crash data for determining high crash locations within the study limits. A review of the most recent five years of historical crash and travel statistics shall be performed by a qualified safety specialist. This assessment, with written recommendations, should include:

- Identification of crash locations based on predominant crash patterns, with possible causes and suggested corrective measures (i.e. lighting conditions, weather conditions, etc.).
- Review available safety reports.
- Document safety design decisions.

2.1.1.3 Traffic

The CONSULTANT will collect existing 24 hour traffic volume and speed data for determining planning level capacity assessment and speed evaluation within the study limits. This assessment, with written recommendations, will include:

- Traffic Level of Service “LOS” using HIGHPLAN 2012 software. AADT and DHV values for current and design year will be determined using the K, D, and T factors from historical counts made available through the TPO.

2.1.2 Field Review Process

During the **field review process**, the following information regarding physical, operational, and safety conditions shall be assessed. The field review will be conducted by an engineer and a qualified technician.

2.1.2.1 Geometric and Physical Conditions

- Verify office review findings while conducting the field review.
- Identify and document roadway features such as:
 - Lane widths
 - Existing traffic control markings and signs
 - Intersection elements
 - Bicycle Facilities
 - Pavement condition
 - Pedestrians and Sidewalks (ADA compliance)
 - Medians
 - Utilities
 - At-grade railroad crossings
 - Guardrails
 - Culverts
 - Transit stops

2.1.2.2 Operating Conditions

- Verification of posted regulatory speeds.
- Verification of posted advisory speeds.
- Verification of reported safety problems.
- Observation of operating conditions during peak periods.
- Evaluation of access features.

2.1.2.3 Safety Conditions

- Observation of known crash locations as per Task 2.1.1.3.
- Indications of unsafe operations, such as run-off-the-road, bicycle/pedestrian collisions and unsafe pedestrian crossings.

2.2 Deficiencies and Recommendations

Deficiencies along the corridor, based on the elements listed above, will be depicted graphically by marking the existing plans or aerials. A legend identifying the discrepancies shall be developed. The recommendations for the study will be based on the following criteria:

- Roadway Capacity.
- Safety improvements.
- Modifications necessary to comply with the American's with Disability Act (ADA).
- Bicycle Lanes vs. Paved Shoulders.
- Sidewalks and Shared-use Paths.
- Improvements to roadside barriers, guardrail, and intersections.

The following elements should be considered to the extent described below:

Bicycle and Pedestrian Facilities – Bicycle and pedestrian ways shall be given full consideration in the planning and development of transportation facilities, including the incorporation of such ways into state, regional, and local transportation plans and programs. Where bicycle and pedestrian facilities are proposed, they will be depicted on maps and in proposed typical sections.

Lighting –Upgrades to existing lighting systems or adding new lighting systems will only be considered if crash or safety issues are identified or a separate funding source is identified.

The CONSULTANT will summarize the information provided by the TPO to be included as part of the report.

Task 3 - Bicycle Mobility

3.1 – Bicycle Facility Data Collection

The CONSULTANT will collect the existing bicycle facility and usage data to document where the bicycle facility is located within the street typical section and the typical features

such as the surface type, surface width, signing, and bicycle connections with public lands.

3.2 – Existing Conditions and Improvement Alternatives Evaluation

The CONSULTANT will evaluate the existing conditions and develop alternatives to enhance bicycle facilities and increase usage of alternative transportation modes within the corridor.

3.3 – GIS Mapping

The CONSULTANT will compile the existing bicycle data into a GIS data base and prepare a Bicycle Mobility Improvements Map for the corridor.

Task 4 - Pedestrian Mobility

4.1 – Pedestrian Data Collection

The CONSULTANT will collect the existing pedestrian usage and sidewalk data to document where the sidewalk is located with the street typical section, the typical features such as the surface type, surface width, ADA features, crosswalks; and pedestrian usage, routes and connection with public lands.

4.2 – Existing Conditions and Improvement Alternatives Evaluation

The CONSULTANT will evaluate the existing conditions and develop alternatives to enhance pedestrian facilities and increase usage of alternative transportation modes within the corridor.

4.3 – GIS Mapping

The CONSULTANT will compile the existing pedestrian and sidewalk data into a GIS data base and prepare a Pedestrian Mobility Improvements Map for the corridor.

Task 5 - Multiuse Path

5.1 – Multi-use Path Facilities Data Collection

The CONSULTANT will collect the existing multiuse path facility data to document the location, type of use, the surface type, surface width, signing, and connections with public lands.

5.2 – Existing Conditions and Improvement Alternatives Evaluation

The CONSULTANT will evaluate the existing conditions and develop alternatives to enhance multi-use path facilities and increase usage of alternative transportation modes within the corridor.

5.3 – GIS Mapping

The CONSULTANT will compile the existing multiuse path data into a GIS data base and prepare and update the Existing Multiuse Path Improvements Map for the corridor.

Task 6 – Impacts and Environmental Concerns

The following elements will be considered and documented to the extent described below:

6.1 Wetlands – Wetland areas within the corridor will be identified and improvements will be evaluated based on potential impacts. The quantity of existing wetlands will be carefully considered before recommending improvements that may require mitigation.

6.2 Endangered Species – Based on an available data search, screening will be necessary to determine if there are any endangered species present.

6.3 Cultural and Historic Features - Based on an available data search, screening will be necessary to determine if there are any cultural and historic features present.

6.4 Lighting/Environmentally Sensitive Areas – Upgrading existing lighting systems or adding new lighting systems will be evaluated based on potential impacts to environmentally sensitive areas adjacent to the corridor.

6.5 Hydraulic Connectivity of Environmentally Sensitive Areas – existing cross culvert/drainage systems will be documented to identify if hydraulic connectivity of environmentally sensitive areas adjacent to the corridor exists.

The CONSULTANT will summarize the information provided by the TPO to be included as part of the final report.

Task 7 – Draft and Final Report

The CONSULTANT will prepare a draft report documenting all of the existing conditions and recommendations of the study with the following sections as a minimum.

- Executive Summary
- Existing Conditions
- Corridor Analysis
- Evaluation of Improvement Alternatives
- Recommendations
- Cost Estimate
- Appendices

The TPO will review the draft report and submit comments to the CONSULTANT for inclusion in the final report. The CONSULTANT will present the Draft Report to the Advisory Committees and Board for review and comments.

Deliverables

Three draft copies and three final copies shall be submitted to the TPO along with one CD copy.

PRELIMINARY ESTIMATE OF WORK EFFORT AND BUDGET
General Transportation Planning Consultant Services Contract C13-07-257

Project: Walton Road Multimodal Improvements Feasibility Study

Consult. Name: Stanley Consultants, Inc

Client: St. Lucie County Transportation Planning Organization

Consult. No.: 24972

Revised Date: 11/24/2015

Estimator: Joe DeFronzo, PE

Task No.	Staff Classification	Principal Planner	Project Manager	Senior Engineer/Planner	Engineering Intern	Transportation Analyst	CAD Technician	Administrative/Clerical	Staff Hours	Salary
	Task Description	\$177.00	\$166.00	\$156.00	\$104.00	\$95.00	\$87.00	\$62.00	Per Activity	Per Activity
1	Coordination, Meetings, Documentation									
	TPO Staff Coordination		8						8	1,328.00
	City of Port St. Lucie, SLIC, FDOT & FEC RR, FWC Coordination		4			8			12	1,424.00
	BPAC, CAC, TAC & TPO Board Meetings	4	32						36	6,020.00
	Documentation			4		8			12	1,384.00
2	Corridor Analysis									
2.1	Existing Conditions		2	4		48			54	5,516.00
2.2	Deficiencies and Recommendations		2	4		16	8	2	32	3,296.00
3	Bicycle Mobility									
3.1	Bicycle Facility Data Collection			4		4			8	1,004.00
3.2	Existing Condition & Improvement Alternatives Evaluation		2			8			10	1,092.00
3.3	GIS Mapping					4	16		20	1,772.00
4	Pedestrian Mobility									
4.1	Pedestrian Facility Data Collection			4		4			8	1,004.00
4.2	Existing Conditions and Improvement Alternatives Evaluation		2			8			10	1,092.00
4.3	GIS Mapping					4	16		20	1,772.00
5	Multiuse Path									
5.1	Multi-use Path Data Collection			4		4			8	1,004.00
5.2	Existing Condition & Improvement Alternatives Evaluation		2			8			10	1,092.00
5.3	GIS Mapping					4	16		20	1,772.00
6	Impacts and Environmental Concerns									
6.1	Wetlands			6			8		14	1,632.00
6.2	Endangered Species			4					4	624.00
6.3	Cultural and Historic Features			4					4	624.00
6.4	Lighting/Environmentally Sensitive Areas			4					4	624.00
7	Draft and Final Report									
7.1	Draft Report	2	4			16		4	26	2,786.00
7.2	Incorporate Committee Meeting Comments					8	8		16	1,456.00
7.3	Final Report	2	4			8	8	4	26	2,722.00
	Total Hours	8	62	42	0	160	80	10	362	
	Total Staff Cost	\$1,416.00	\$10,292.00	\$6,552.00	\$0.00	\$15,200.00	\$6,960.00	\$620.00		\$41,040.00

Subconsultant Services: Traffic Counts to be provided as requested by the SLCTPO

Traffic Count Vendor: Traffic Survey Specialist, Inc.

Representative: Kevin McNally

6 Hour Turning Movement Counts (Two 3 Hour Periods) (with Heavy Vehicle, Pedestrian and Bicycle counts)

A. Small intersection (single and multi-lane approaches): \$500.00

B. Large intersection (all multi-lane approaches): \$1000.000

24 Hour Bi-Directional Counts with Speed Data

A. \$210.00 each approach

B. \$340.00 per location.

72 Hour Classification Counts (\$610.00 per machine):

A. 2 lane link \$610.00

B. 4 lane link \$1220.00.

SALARY RELATED COSTS: **\$41,040.00**

EXPENSES **\$900.00**

SUBCONSULTANT **\$1,020.00**

ESTIMATED TOTAL **\$42,960.00**