



MEETING AGENDA

Please be advised that the River to Sea Transportation Planning Organization (TPO) CITIZENS ADVISORY COMMITTEE (CAC) & TECHNICAL COORDINATING COMMITTEE (TCC) will be meeting on:

DATE: Tuesday, June 21, 2016
TIME: 1:30 P.M. (CAC) & 3:00 P.M. (TCC)
PLACE: River to Sea TPO Conference Room
2570 W. International Speedway Blvd., Suite 100
Daytona Beach, Florida 32114

Ms. Judy Craig, CAC Chairperson

Ms. Heather Blanck, TCC Chairperson

CAC & TCC AGENDA

- I. CALL TO ORDER / ROLL CALL / DETERMINATION OF QUORUM
- II. PUBLIC COMMENT/PARTICIPATION *(Public comments may be limited to three (3) minutes at the discretion of the Chairperson)*
- III. CONSENT AGENDA
 - A. REVIEW AND APPROVAL OF MAY 17, 2016 CAC/TCC MEETING MINUTES *(Contact: Pamela Blankenship) (Enclosure, CAC pages 3-11; TCC pages 3, 12-22)*
 - B. CANCELLATION OF JULY 19, 2016 CAC/TCC MEETINGS *(Contact: Pamela Blankenship) (Enclosure, page 3)*
- IV. ACTION ITEMS
 - A. NOMINATION AND ELECTION OF CAC/TCC OFFICERS FOR FY 2016/17 *(Contact: Pamela Blankenship) (Enclosure, page 23)*
 - B. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT FY 2016/17 TO 2020/21 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) *(Contact: Robert Keeth) (Enclosure, pages 24-26)*
 - C. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT PRIORITY PROJECT LISTS *(Contact: Robert Keeth/Stephan Harris) (Enclosure, pages 27-57)*
 - D. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT TRANSPORTATION IMPACT ANALYSIS (TIA) METHODOLOGY UPDATE *(Contact: Robert Keeth) (Enclosure, pages 58-60)*

IV. ACTION ITEMS *(continued)*

- E. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT TRANSIT DEVELOPMENT DESIGN GUIDELINES (TDDG)** *(Contact: Vince Wang) (Enclosure, pages 61-63)*
- F. REVIEW AND RECOMMEND APPROVAL OF RECOMMENDATION TO FDOT FOR THE ALLOCATION OF UNUSED EARMARK FUNDING AVAILABLE IN THE TPO PLANNING AREA** *(Contact: Lois Bollenback) (Enclosure, page 64)*

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

- A. PRESENTATION AND DISCUSSION OF THE TELL THE TPO SURVEY CAMPAIGN PRELIMINARY RESULTS** *(Contact: Pamela Blankenship) (Enclosure, pages 65-75)*
- B. PRESENTATION AND DISCUSSION OF THE DRAFT SEA LEVEL RISE VULNERABILITY ASSESSMENT** *(Contact: Robert Keeth) (Enclosure, page 76)*
- C. PRESENTATION AND DISCUSSION OF THE INTELLIGENT TRANSPORTATION SYSTEMS (ITS) VISION AND GOALS, DRAFT INVENTORY AND PROGRAM DIRECTION** *(Contact: Robert Keeth) (Enclosure, pages 77-85)*
- D. FDOT REPORT** *(Contact: Gene Ferguson, FDOT District 5) (Enclosure, pages 86-94)*
- E. VOLUSIA AND FLAGLER COUNTY CONSTRUCTION REPORTS** *(Contact: Volusia County & Flagler County Traffic Engineering) (Enclosure, pages 95-97)*

VI. STAFF COMMENTS *(Enclosure, page 98)*

- ® Update on the I-95 to SR 417 Connector Environmental Study
- ® Announcement of Draft Congestion Management Process for Review
- ® Update on Phase II of the US 17 Corridor Improvement Program (CIP)

VII. CAC/TCC MEMBER COMMENTS *(Enclosure, page 98)*

VIII. INFORMATION ITEMS *(Enclosure, pages 98-101)*

- ® River to Sea TPO Board Meeting Summary for May 25, 2016
- ® May TPO Outreach and Events

IX. ADJOURNMENT *(Enclosure, page 98)*

****The next CAC and TCC meetings will be on Tuesday, August 16, 2016****

NOTE: Individuals covered by the Americans with Disabilities Act of 1990 in need of accommodations for this public meeting should contact the River to Sea TPO office, 2570 W. International Speedway Blvd., Suite 100, Daytona Beach, Florida 32114-8145; (386) 226-0422, extension 20416, at least five (5) working days prior to the meeting date.

NOTE: If any person decides to appeal a decision made by this board with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings including all testimony and evidence upon which the appeal is to be based. To that end, such person will want to ensure that a verbatim record of the proceedings is made.

The River to Sea TPO does not discriminate in any of its programs or services. To learn more about our commitment to nondiscrimination and diversity, visit our Title VI page at www.r2ctpo.org or contact our Title VI/Nondiscrimination Coordinator, Pamela Blankenship, at 386-226-0422, extension 20416, or pblankenship@r2ctpo.org.

MEETING SUMMARY
CAC & TCC
JUNE 21, 2016

III. CONSENT AGENDA

A. REVIEW AND APPROVAL OF MAY 17, 2016 CAC/TCC MEETING MINUTES

Background Information:

Minutes are prepared for each CAC and TCC meeting and said minutes must be approved by their respective committees.

B. CANCELLATION OF JULY 19, 2016 CAC/TCC MEETINGS

Background Information:

Traditionally, if there is no outstanding business which needs to be conducted before the summer break, none of the TPO committees will meet during the month of July.

ACTION REQUESTED:

MOTION TO APPROVE THE CONSENT AGENDA

**Citizens Advisory Committee (CAC)
Meeting Minutes
May 17, 2016**

CAC Members Present:

Donald Smart
Janet Deyette
Bliss Jamison
Gilles Blais
Nora Jane Gillespie
Mary Ellen Ottman
Alan Peterson
Susan Elliott
Bobby Ball
Jack Delaney
Doug Homan
Judy Craig, Chairperson
Terry Bledsoe
Elizabeth Alicia Lendian
Heather Blanck
Bob Owens
Jon Cheney (non-voting)
Wendy Hickey (non-voting)
Gene Ferguson (non-voting advisor)

CAC Members Absent:

Greg Feldman, Vice Chairman (excused)
Joe Villanella
Bob Storke (excused)
Faith Alkhatib (non-voting)

Others Present:

Pam Blankenship, Recording Secretary
Robert Keeth
Lois Bollenback
Stephan Harris
David Cooke
Taleb Sharms
Steve Olson
Michael Sanders
Jen Horton
Justin Bansen
Bob Wallace
Chris Keller
Beth Lemke

Representing:

Daytona Beach
Deltona
Edgewater
Holly Hill
New Smyrna Beach
Ormond Beach
Palm Coast
Pierson
Port Orange
South Daytona
Volusia County
Volusia County
Volusia County
Volusia County
Votran
Flagler County Transit
Volusia County Traffic Engineering
Flagler County Traffic Engineering
FDOT District 5

Representing:

Flagler County
Ponce Inlet
Orange City
Flagler County Traffic Engineering

Representing:

TPO Staff
TPO Staff
TPO Staff
TPO Staff
FDOT
FDOT
FDOT
FDOT
FDOT
Kittelson & Associates
Tindale-Oliver & Associates
Tindale-Oliver & Associates
Planning Solutions Corporation

I. Call to Order / Roll Call / Determination of Quorum

Mr. Robert Keeth called the meeting of the River to Sea Transportation Planning Organization (TPO) Citizens Advisory Committee (CAC) to order at 1:31 p.m. The roll was called and it was determined that a quorum was present.

Mr. Keeth explained that both the Chairperson and Vice Chairman were absent and a temporary chair needed to be elected.

Nominations were made from the floor for a temporary chair: Mr. Smart nominated Mr. Ball; Ms. Deyette nominated Mr. Blais; Ms. Lendian seconded the nomination for Mr. Blais. Mr. Blais accepted the nomination. The nomination carried unanimously. Mr. Blais took over as Chairman.

II. Press/Citizen Comments

There were no press/citizen comments.

III. Consent Agenda

A. Review and Approval of April 19, 2016 CAC Meeting Minutes

MOTION: A motion was made by Mr. Peterson to approve the April 19, 2016 CAC meeting minutes. The motion was seconded by Ms. Elliott and carried unanimously.

IV. Action Items

A. Review and Recommend Approval of Resolution 2016-## Amending the Planning (PL) Funds Joint Participation Agreement (JPA) to Terminate on July 1, 2016

Mr. Keeth stated that Action Items A and B are together; these were reviewed last month. Item A is a resolution that terminates the existing planning funding agreement, with a termination date of June 30, 2016. Item B is a resolution approving the new planning agreement which will take effect on July 1, 2016 and cover a period of two years. This agreement is tied into the TPO's Unified Planning Work Program (UPWP).

MOTION: A motion was made by Ms. Ottman to recommend approval of Resolution 2016-## amending the Planning (PL) Funds Joint Participation Agreement (JPA) to terminate on July 1, 2016. The motion was seconded by Mr. Smart and carried unanimously.

B. Review and Recommend Approval of Resolution 2016-## Adopting the FDOT-MPO UPWP Professional Services Agreement taking effect on July 1, 2016

Mr. Peterson asked if there were any material changes from the previous resolution that expires on June 30, 2016.

Mr. Keeth replied yes. The new agreement is tied to the Unified Planning Work Program (UPWP) and serves as the scope of work for this agreement for the next two years. There is one correction: the agreement provides that invoices must be submitted by August 31; that date is being changed to September 30.

Ms. Ottman asked if the agreement was acceptable to the TPO.

Mr. Keeth replied that it is a standard agreement and the TPO is fine with it. The TPO attorney has reviewed it and has no recommendations.

MOTION: A motion was made by Ms. Elliott to recommend approval of Resolution 2016-## adopting the FDOT-MPO UPWP Professional Services Agreement taking effect on July 1, 2016. The motion was seconded by Ms. Ottman and carried unanimously.

C. Review and Recommend Approval of Resolution 2016-## Amending the FY 2015/16 – 2019/20 Transportation Improvement Plan (TIP)

Mr. Keeth announced that there are three projects in this TIP amendment. The first is a cost increase for the I-4 managed lanes from the Volusia/Seminole County line to SR 472. The next two projects are linked and involve two segments of the East Central Regional Rail Trail. The first segment, from Cow Creek to Brevard County, shows an increase of \$2.2 million; this funding is needed to make up a shortfall on the trail project.

In addition, there is \$653,000 in SU funds taken from the bicycle/pedestrian set aside box to put on this project. The second trail project is the segment from Gobblers Lodge Road to Maytown Spur Road with a funding increase of \$725,000.

MOTION: *A motion was made by Mr. Smart to recommend approval of Resolution 2016-## amending the FY 2015/16 – 2019/20 Transportation Improvement Plan (TIP). The motion was seconded by Ms. Lendian and carried unanimously.*

V. Presentation Items

A. Presentation and Discussion on the Roundabout at SR 44 and Grand Avenue

Mr. David Cooke, FDOT, introduced Mr. Justin Bansen, Kittelson & Associates, who gave a PowerPoint presentation on the SR 44 and Grand Avenue roundabout. He reviewed the existing intersection configuration and annual average daily traffic counts. It is a level of service C which is not an operational problem. He emphasized that crashes are the issue: 30 total crashes over last five years. Most of these crashes occurred during dry conditions and daytime, and the majority are angle crashes. They looked at alternatives including signal improvements and a roundabout, with a level of service A or B for either option. A traffic signal would require turn lanes in both the northbound and southbound lanes; the roundabout would accommodate 5% per year growth and an intersection speed below 25 mph. From a safety perspective, both options will help reduce crashes. For the signal perspective, a 13% crash reduction and a 40% injury decrease is expected. For the roundabout, it will be a 70% total decrease in crashes and 87% injuries. A roundabout has fewer conflict points and will reduce severity of crashes due to lower speed. The signal may increase rear end crashes. He reviewed the monetized safety benefits of the options: the roundabout will provide a \$4.4 million additional benefit above what the signal provides. He presented proven safety benefits for roundabouts in rural environments and added that roundabouts provide aesthetic and gateway opportunities for the area. He provided recent statistics on the roundabout in Lake County and pointed out that there have been no crashes since it was installed in June 2015. The next steps for the roundabout at SR 44 and Grand Avenue include advertising for design-build, a notice to proceed in June and then 250 days for construction.

Mr. Blais discussed the Seabreeze traffic circle in Daytona Beach and described how rain water accumulated in it. He asked what provisions are being made for weather hazards.

Mr. Bansen replied that they will be looking at drainage design and are aware that there is a downslope. He added that there will be signage and a central island to increase visibility.

Mr. Blais asked if there will be an outside curb.

Mr. Bansen confirmed that there will be curbing adjoining the roundabout, which will help to control speed.

Ms. Lendian stated that there were two driveways, one on each side, and asked what they are.

Mr. Bansen replied that they serve the gas station and a residential property as well.

Mr. Peterson mentioned that there was an article in the News Journal from an individual who said that the roundabout, while effective for people aware of the location, it is a hazard if they are not familiar with it because they do not slow down.

Mr. Bansen responded that this is something to consider but that it is a misnomer. Signage, markings and lighting will help people to negotiate the roundabout.

Mr. Peterson stated that statistics indicate that people typically slow down for a roundabout but not a traffic light.

Mr. Bansen stated that drivers slow down for both; however, the roundabout physically controls the speed through the intersection.

Mr. Peterson responded that he is a strong proponent of the red light cameras and they are being removed due to opposition; a roundabout forces people to decelerate and that is critical.

Mr. Bansen added that another important aspect is that the intersection will be sufficiently lighted.

Ms. Ottman asked if this is an area where there is pedestrian travel.

Mr. Bansen replied that there are no pedestrian facilities under existing conditions. When the last traffic counts were done, there were only two people walking on the shoulder along Grand Avenue; there could be pedestrians but it is not an expected situation. If there were improvements for additional pedestrian amenities, the roundabout would support that.

Ms. Craig stated that she lives two miles away from this intersection and that the visibility is not good. She thinks that extra lights will help. She asked if the signal light will be put in first, and if so, when will this take place.

Mr. Bansen replied that a temporary signal is already in place.

Ms. Craig asked if there will be a light on each side approaching the roundabout.

Mr. Bansen replied no, there will be no traffic lights, only street lighting.

Mr. Bansen showed a video of the Lake County roundabout.

Ms. Lendian asked if there are lanes for bicyclists.

Mr. Bansen explained that bicyclists will go through the roundabout similar to a vehicle or there will be ramps to exit the roundabout to a pathway.

Ms. Lendian asked how wide the paths will be.

Mr. Bansen replied that they are typically 10 feet.

Ms. Gillespie stated that she used the Ponte Vedra Beach roundabout and loved it.

B. Presentation and Discussion of the Draft FY 2016/2017 to 2020/21 Transportation Improvement Program (TIP)

Mr. Keeth explained that the TIP is a five-year listing of projects and the TPO adopts a new one each year. This is done by dropping off one year and adding a new one. The TIP covers the period from July 1, 2016 to June 30, 2021. He reviewed some of the new projects included in the TIP. The document is not included in the agenda packet but a link was provided because it is such a large file. The TIP is only for presentation this month but will be on the agenda for a recommendation of approval in June.

C. Presentation and Discussion of the Draft Priority Project Lists

Mr. Keeth stated that the mission of the TPO is to identify transportation needs and prioritize them. Once a year, the TPO updates the lists to include new projects and update project statuses. This year, the TPO call for projects began in early February and ran until April 1. The TIP Subcommittee and the Bicycle/Pedestrian Advisory Committee (BPAC) Project Review Subcommittee met to review and rank the projects. This item is for presentation only but will be on the agenda for a recommendation of approval in June. The Priority Lists provide guidance to FDOT for how funds should be programmed and is used to develop the annual FDOT Work

Program. He reviewed some of the new projects on the priority lists. There is one project that is not on the list: the contract services for Intelligent Transportation Systems (ITS). This was submitted by Volusia County because adaptive signals require a higher level of technical expertise to maintain and operate and the county is looking for additional funding. The TPO reviewed the project with the Executive Committee and they understand the need, but recommended not adding it to the list this year. The bicycle/pedestrian lists are included for information only; the BPAC will review those.

Ms. Ottman asked what an adaptive signal control system is.

Mr. Keeth replied that it is a traffic control system that senses what traffic is doing and adapts the signal timing to accommodate conditions.

Mr. Peterson stated that the widening of I-4 was not on the list last year and asked how projects get on the list.

Mr. Keeth replied that this is the #1 project in the 2040 Long Range Transportation Plan (LRTP); it was on the list last year.

Mr. Peterson said that it was number five and now it is number one and asked why.

Mr. Keeth replied that he will have to review that and confirm it.

Mr. Peterson asked how a project gets bumped up on the list.

Mr. Keeth responded that the TPO has a policy that protects the top projects on the list and as they move out, new projects move in. The 2040 LRTP has a ranked order of projects, and changes occur due to board action or score changes.

Mr. Peterson asked what a protected left turn arrow is (page 58).

Mr. Keeth replied that it is a left phase that is unimpeded by other traffic flow.

Mr. Owens stated that this is when the light turns red on the other side.

D. Presentation and Discussion of the Draft Transportation Impact Analysis (TIA) Methodology Update

Mr. Bob Wallace, Tindale-Oliver & Associates, gave a PowerPoint presentation on the draft Transportation Impact Analysis (TIA) Methodology. It is being updated due to the expansion of the TPO's Metropolitan Planning Area (MPA). He reviewed the proposed changes to the TIA Guidelines. The next steps include approval by the TPO Board and committees in June. The TPO will provide a draft resolution for municipalities to incorporate the TIA Guidelines as part of their local ordinances.

Mr. Peterson asked about page 76 of the agenda, top slide, second item, which reads "cost must be based on construction cost at the time of development payment rather than the future year of construction." As a commissioner of Palm Coast ten years ago, he accepted a \$7.2 million check for development that had not yet started. He conjectured that development costs and mitigation costs today are higher than ten years ago. He was not sure where this item came from; it was possibly from Volusia County Association for Responsible Development (VCARD) or Flagler County Association for Responsible Development (FCARD). He stated that this is not a good statement because developers would be pleased to make a check payable today, even though they expect costs to be much higher in the future. This separates payment from cost of construction. He suggested that this should be changed to say that the payment within a year of construction is feasible. This statement, as it is, will expose the cities and the counties to costs that could be significantly larger than what the developer pays.

Mr. Wallace responded that there are some ties to the changes in the Growth Management Act in 2012/2013 that required language like that. There is a need to look closer at that. Normally, when the local government receives a payment, a project has a time certain that it must occur. If the project is not built in the timeframe of the development order, additional language should say that the project should go back to the table again. The Growth Management Legislation strongly favored the development community in the last five to seven years. They will look at this and if it can be changed, they will do so; however, this is also up to local governments.

Mr. Peterson responded that many of these developments of regional impact (DRIs) are local. There is no reason that this cannot say there is a time limit between the payment and the construction. The development order is there for a period of time but does not say anything about the payment. He suggested that the statement should be eliminated altogether and that it supports the developers.

Mr. Cheney said that the statement supports state law and that everything is a risk. He explained that when Volusia County is working with the developers, the developers are told how much they owe based on the statutory formula. He gave an example and added that the county does not accept proportionate share.

Mr. Peterson suggested that the statement could be changed to say the differential must be in accordance with state law.

Mr. Cheney responded that whether they accept payment or defer the cost to the developer is up to the local jurisdiction.

Mr. Wallace stated that he would be available to meet afterward to further discuss this. He added that he thinks it is tied to state legislation.

Mr. Wallace advised that Mr. Keeth will send the link out.

E. Presentation and Discussion of the Update to the Transit Development Design Guidelines (TDDG)

Mr. Bob Wallace, Tindale Oliver & Associates, gave a PowerPoint presentation on the Transit Development Design Guidelines (TDDG) update. He reviewed the project and its purpose is to provide a reference document to guide future transit infrastructure that should be considered on transit routes serving new development. One of the updates is the coordination of the TDDG with the Transportation Impact Analysis (TIA) guidelines. He reviewed the major revisions to the document. They are expecting comments from reviewing agencies.

F. Presentation and Discussion of Draft Recommendations from the US 17 Corridor Improvement Study

Mr. Keeth introduced Mr. Chris Keller from Tindale Oliver & Associates.

Mr. Keller gave a status update on the draft recommendations from the US 17 Corridor Improvement Study. Tindale Oliver & Associates provided a finalized draft memo describing the character districts and held a stakeholder workshop to review the alternatives that emphasize purpose and goals. They will be accepting comments in the coming weeks and will produce a new draft document incorporating the comments. They will also provide an overview to the committees in the future.

Ms. Deyette stated that people are asking her why more roundabouts are not being used.

Ms. Elliott said that many could not make the Stakeholder's meeting because it is a farming community.

Mr. Keller responded that the meeting had representation for Pierson.

G. FDOT Report

Mr. Gene Ferguson gave the FDOT report.

Mr. Peterson asked about page 108: the interchange of I-95 and US 1 with a cost of \$875,000. He stated that on his round trip commute to this meeting, he only sees a few pine trees along I-95 and asked what landscaping is going to be done for that amount of money.

Mr. Ferguson responded that he would find out and let him know; completion of the project is two years away.

H. Volusia and Flagler County Construction Reports

The Volusia County and Flagler County Construction Reports were included in the agenda.

VI. Staff Comments

® Update on the Draft CR/SR A1A Pedestrian Safety and Mobility Report

Mr. Harris stated that the presentation on the draft CR/SR A1A Pedestrian Safety and Mobility Study was provided last month; since then, the initial draft has been received from Kittelson & Associates. It is being reviewed by FDOT, stakeholders and the TPO staff. Next Monday, the consultants will meet with FDOT to discuss the draft and its implementation once it is finalized. Next month, there will be a final draft for review and recommendation of adoption.

® Update on the Tell the TPO Survey

Ms. Blankenship reported that 1,039 responses to the Tell the TPO Survey have been received to date. The CAC represents 40 of those responses. There are only two and a half weeks left until the deadline. She encouraged everyone to reach out to their families and friends as well as employ social media to increase the total. She also recommended one-on-one invitations, which can be more effective. Copies of the survey are available in both English and Spanish on the table, as well as the CAC flyer. She reiterated that she would be happy to help in any way.

® Update on Current Year Set-Aside Funding

Mr. Keeth stated that the obligation of \$650,000 in SU funds has already taken place. He added that there were federal earmark funds which had not yet been committed in Volusia County. He noted that \$3.2 million in earmarked funds have not been used and that FDOT would like to repurpose those funds. FDOT is looking for project recommendations from the TPO. The funds will need to be spent on a ready-to-go project already programmed in an outer year of the Transportation Improvement Program (TIP). Also, the funds must be spent on a federal aid-eligible roadway and be in the 2040 Long Range Transportation Plan (LRTP) if they are capacity projects. This will be presented for a recommendation of approval at the June meeting.

VII. CAC Member Comments

Mr. Cheney gave an update on LPGA Boulevard from Jimmy Ann Drive to Old Kings Road. The Volusia County Council approved funding, starting in the fall.

Ms. Craig commented on the parking at the River to Sea TPO office. She stated that there were several members who had to park further out, since there was no handicap parking available. She thanked Mr. Keeth for his continued work on helping things make sense.

Mr. Keeth stated that he sent the TIA guidelines out and that he would email a link out as well.

VIII. Information Items

- ® River to Sea TPO Board Meeting Summary for April 27, 2016
- ® April TPO Outreach and Events
- ® CAC Tell the TPO Survey
- ® TCC Tell the TPO Survey

IX. Adjournment

There being no further business, the CAC meeting adjourned at 3:03 p.m.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

GILLES BLAIS, ACTING CHAIRPERSON
CITIZENS' ADVISORY COMMITTEE (CAC)

CERTIFICATE:

The undersigned duly qualified and acting Recording Secretary of the River to Sea TPO certified that the foregoing is a true and correct copy of the minutes of the May 17, 2016 regular meeting of the Citizens' Advisory Committee (CAC), approved and duly signed this 21st day of June 2016.

MARIE DUDA, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

Technical Coordinating Committee (TCC)

Meeting Minutes

May 17, 2016

TCC Members Present:

Fernand Tiblier, Vice Chairman
Fred Ferrell
Arlene Smith
Ron Paradise
Mike Holmes
Darren Lear
Steven Bapp
Becky Mendez
Ric Goss
Jose Papa
Clay Ervin
Colleen Nicoulin
Tim Burman
Patty Rippey
Jon Cheney
Eric Kozielski
Heather Blanck, Chairperson
Larry LaHue
Gene Ferguson (non-voting advisor)

TCC Members Absent:

Stewart Cruz
Matt Boerger
Larry Newsom (excused)
Tom Harowski
Jason Yarborough
Faith Alkhatib

Others Present:

Pamela Blankenship, Recording Secretary
Robert Keeth
Lois Bollenback
Bob Wallace

Representing:

Bunnell
Daytona Beach
Daytona Beach Int'l Airport
Deltona
DeLand
Edgewater
New Smyrna Beach
Orange City
Ormond Beach
Palm Coast
Pierson
Ponce Inlet
Port Orange
South Daytona
V.C. Traffic Engineering
Volusia County School District
Votran
VC Emergency Management
FDOT District 5

Representing:

Daytona Beach Shores
DeBary
Flagler Beach
Holly Hill
Lake Helen
F.C. Traffic Engineering

Representing:

TPO Staff
TPO Staff
TPO Staff
Tindale-Oliver & Associates

I. Call to Order / Roll Call / Determination of Quorum

Chairperson Heather Blanck called the meeting of the River to Sea Transportation Planning Organization (TPO) Technical Coordinating Committee (TCC) to order at 3:07 p.m. The roll was called and it was determined that a quorum was present.

II. Press/Citizen Comments

There were no press or citizen comments.

III. Consent Agenda

A. Approval of April 19, 2016 TCC Meeting Minutes

MOTION: A motion was made by Mr. Cheney to approve the minutes of the April 19, 2016 TCC meeting. The motion was seconded by Mr. Ferrell and carried unanimously.

IV. Action Items

A. Review and Recommend Approval of Resolution 2016-## Amending the Planning (PL) Funds Joint Participation Agreement (JPA) to Terminate on July 1, 2016

MOTION: A motion was made by Mr. Cheney to recommend approval of Resolution 2016-## amending the Planning (PL) Funds Joint Participation Agreement (JPA) to terminate on July 1, 2016. The motion was seconded by Mr. Ferrell.

Mr. Keeth noted that there was one correction, the termination date is not July 1, 2016; it is June 30, 2016.

The motion and the second were amended to include the correction to the date to state June 30, 2016. The amended motion carried unanimously.

B. Review and Recommend Approval of Resolution 2016-## Adopting the FDOT-MPO Unified Planning Work Program (UPWP) Professional Services Agreement Taking Effect on July 1, 2016

MOTION: A motion was made by Mr. Cheney to recommend approval of Resolution 2016-## adopting the FDOT-MPO UPWP Professional Services Agreement taking effect on July 1, 2016. The motion was seconded by Mr. Lear.

Mr. Keeth stated that there was a correction to the August 31 date that invoices are due; the date has been extended to September 30.

The motion and the second were amended to include a correction to the invoice due date from August 31 to September 30. The amended motion carried unanimously.

C. Review and Recommend Approval of Resolution 2016-## Amending the FY 2015/16 – 2019/20 Transportation Improvement Program (TIP)

Mr. Keeth announced that there are three projects in this TIP amendment. The first is an increase in funding for the I-4 managed use lanes from the Volusia/Seminole County line to SR 472. The next two projects are being added to the current TIP and involve two segments of the East Central Regional Rail Trail; funding is being increased on these two segments. He added that there had been concern about committing the boxed SU funds by the end of the year. The TPO was able to program the funds on the East Central Regional Rail Trail projects. Advanced construction funding was used for these projects.

MOTION: A motion was made by Mr. Cheney to recommend approval of Resolution 2016-## amending the FY 2015/16 – 2019/20 Transportation Improvement Plan (TIP). The motion was seconded by Mr. Lear.

Mr. Cheney thanked the TPO staff and FDOT for making the two East Central Regional Trail projects complete. He added that Volusia County is contributing \$130,000 in local funds.

The motion carried unanimously.

V. Presentations, Status Reports, and Discussion Items

A. Presentation and Discussion on the Roundabout at SR 44 and Grand Avenue

Mr. Justin Bansen, Kittelson & Associates, gave a PowerPoint presentation on the SR 44 and Grand Avenue roundabout. He reviewed the existing intersection configuration and annual average daily traffic counts. It is a level of service C, which does not indicate that there is an operational problem; crashes are the issue. Thirty total crashes have occurred over the last five years. Most occurred during dry conditions and daytime and the majority are angle crashes. They looked at two alternatives including signal improvements and a roundabout. A traffic signal would require turn lanes both northbound and southbound. The roundabout would accommodate 5% growth per year and an intersection speed below 25 mph. From a safety perspective, both options will reduce crashes: 13% for the traffic signal with a 40% injury decrease; for the roundabout, a 70% total decrease in crashes and 87% decrease in injuries are expected. A roundabout has fewer conflict points and will reduce severity of crashes due to the lower speed. A signal could increase rear end crashes. He reviewed the monetized safety benefits of the options. He presented proven safety benefits for roundabouts in rural environments and added that roundabouts provide aesthetic and gateway opportunities for the area. He provided recent statistics on the roundabout in Lake County, pointing out that there have been no crashes since it was installed in June 2015.

Mr. Bansen showed a video of the Lake County roundabout.

Mr. Holmes asked if the roundabout would have lighting.

Mr. Bansen replied that it would be lighted. He stated that the next steps for the roundabout at SR 44 and Grand Avenue include advertising for design-build, a notice to proceed in June and then 250 days for construction.

B. Presentation and Discussion of the Draft FY 2016/17 to 2020/21 Transportation Improvement Plan (TIP)

Mr. Keeth explained that the TIP is a five-year listing of projects. The TPO adopts a new one each year and the old year is dropped off while a new year is added. He reviewed some of the new projects included in the TIP. The document is not included in the agenda packet but a link was provided due to its large size. The TIP is only for presentation this month but will be on the agenda for a recommendation of approval in June.

C. Presentation and Discussion of the Draft Priority Project Lists

Mr. Keeth stated that the TPO's call for projects began in early February and ran until April 1. The TIP Subcommittee and the Bicycle/Pedestrian Advisory Committee (BPAC) Project Review Subcommittee met a number of times to review and rank the projects. The draft lists are included in the agenda and will be on the agenda for a recommendation of approval in June. The Priority Lists provide guidance to FDOT on how funds should be programmed and they are also used to develop the annual FDOT Work Program. He reviewed some of the new projects on the priority lists. There is one project

submitted by Volusia County which is not on the list: contract services for intelligent transportation systems (ITS). The TPO reviewed the project with the Executive Committee and they understood the need for managing and operating the ITS systems, but recommended not adding it to the list this year because it was not a build project. There will be further discussion on the project. The TIP Subcommittee disqualified one project: Port Orange's Yorktowne Boulevard Extension because it is viewed as a capacity project and is not in the cost feasible 2040 Long Range Transportation Plan (LRTP). TPO staff will work with Port Orange to explore what needs to be done to move the project forward.

Mr. Cheney asked about the status of the South Daytona quiet zones project.

Mr. Keeth replied that the quiet zones project was not scored or ranked because the TIP Subcommittee felt that the project was not ready. The study submitted by South Daytona consisted of improvements at four railroad crossings to qualify them as quiet zones. There is supposed to be coordination and review by FDOT which did not occur. The city has been awarded a quiet zone funding grant through the state and they wish to move forward with the project.

Ms. Rippey stated that they were planning to move forward with the project.

Mr. Keeth asked if the project needed to be prioritized on the TPO's Priority List in order to move forward.

Ms. Bollenback stated that she received a phone call from South Daytona's City Manager Joe Yarborough who indicated that the city had received a grant award letter from the state. The concern expressed by the TIP Subcommittee was that there was a lack of coordination with the rail office in the district; however, there was coordination at the state level. Mr. Yarborough stated that they would still like the project to be ranked and added to the Priority List. Her understanding is the grant money is only available in the next year; therefore, the odds of receiving matching funds through the TPO's process within that year are slim.

Mr. Keeth stated that Flagler Beach had submitted pedestrian safety improvements at the intersection of SR A1A and SR 100, but the TIP Subcommittee felt the project would be best handled as a bicycle/pedestrian project. Subsequently, the BPAC Project Review Subcommittee scored and ranked the project.

Mr. Paradise asked what the next steps would be.

Mr. Keeth replied that the lists would come back to the committees for review and a recommendation of approval in June. Once adopted by the TPO Board, they will be forwarded to FDOT who will use them as a guide to develop next year's Work Program.

D. Presentation and Discussion of the Draft Transportation Impact Analysis (TIA) Methodology Update

Mr. Bob Wallace, Tindale-Oliver & Associates, gave a PowerPoint presentation on the draft Transportation Impact Analysis (TIA) Methodology. The last time the Guidelines were updated was in 2009. They are being updated due to the expansion of the TPO's metropolitan planning area (MPA). They are enhancing the process so that it is a multimodal analysis which includes transit and bicycle and pedestrian facilities. Best practice TIAs will also be included in the document. He reviewed the proposed changes to the TIA Guidelines. Next steps include approval by the TPO Board and advisory committees in June. The TPO will provide a draft resolution for municipalities to use to incorporate the

TIA Guidelines as part of their local ordinances. He asked if the TCC members had any additional comments and added that they needed to be submitted prior to June 3, 2016. He reviewed some of the comments that have been received and changes that were made.

Mr. Goss asked if they had received any comments regarding the appropriateness of using a regional model for trip distribution of sub-regional type developments.

Mr. Wallace replied that they have allowed a regional model to be used as approved by the CTE for certain types of development that are large enough to justify the use of the model for distribution and assignment; not for traffic volumes necessarily but how the trip generation is allocated to the network based on percentages and distributions coming out of the model.

Mr. Ferrell asked if there was a timeframe from previous use to use to get trip generation.

Mr. Wallace answered that they looked at a five-year window giving 20% credit for trips onsite in the last five years and 100% credit for the last year. Documentation must be provided for this.

Mr. Cheney asked if they were basing the area of significance for the radius on the 3%, how the critical and near-critical roads that are at or near capacity would be handled.

Mr. Wallace replied that it would be handled the same way it is currently being done. He asked that comments on the TIA Guidelines be provided to Mr. Keeth with a copy to him.

E. Presentation and Discussion of the Update to the Transit Development Design Guidelines (TDDG)

Mr. Bob Wallace, Tindale-Oliver & Associates, gave a PowerPoint presentation on the update to the Transit Development Design Guidelines (TDDG). The TDDG were last updated in 2008 and are designed to provide information to the development community on best practices that can be used to be incorporated into a transit infrastructure analysis. One of the updates is the coordination of the TDDG with the Transportation Impact Analysis (TIA) Guidelines. There is also a chart that is a tool to assist both Votran and the development community as a guide based on the type of development they are proposing.

Discussion ensued [inaudible].

Mr. Wallace reviewed some of the design standards that are covered by the TDDG.

Mr. Goss asked if these guidelines would be used by Votran when there is a development to be reviewed or are they to be used by the traffic engineer preparing the study that looks at the multimodal analysis. He asked how everything was coordinated between Votran and the one doing the traffic study.

Mr. Wallace responded that the study network is defined using the 3% threshold or modified as appropriate. In the study network, there is an overlay of the existing transit routes funded in the current system. If the project impacts the transit routes, is located adjacent to or is likely to need Votran service, it is automatically triggered for transit consideration and analysis by the applicant. In general they would expect to see the types of transit amenities associated with the development. Votran's responsibility will be to look at it and make suggestions.

Ms. Blanck stated that Votran will look at what is provided and if it is not sufficient, they will make recommendations to be considered and adopted by the city with the developer.

Mr. Goss asked if the traffic engineer decided to reduce the number of trips by using Votran or sidewalks and they could provide a methodology to that effect, would that be a recommendation or a requirement.

Ms. Blanck stated that Votran has no authority to make it a requirement.

Mr. Wallace replied that Votran could fit it into how they are currently doing business.

Mr. Goss stated that it would be easier if it could be a requirement.

Mr. Paradise stated that it is quid pro quo: they get something for the reduction of the trips.

Mr. Wallace commented that it also depends on what is in local land development code requirements.

Mr. Cheney asked what was prohibiting Votran from having the authority to make something a requirement.

Ms. Blanck replied that Votran is not a policy-making organization; it would go to Volusia County by way of Votran.

Mr. Wallace stated that if the Volusia County Council were to elect to do something that would change Votran's ability to review it and provide the support that is being requested. There are many issues if it were to become a requirement.

Ms. Blanck stated that Votran has an understanding and professional relationship with the cities to convey to them what is essential by Americans with Disabilities Act (ADA) standards and statutory requirements.

Mr. Cheney pointed out that Votran does not specify what amenities are at the bus stops in the cities. That is under the cities' jurisdiction.

Mr. Wallace stated that when the guidelines are institutionalized as part of the TIA Guidelines then the local governments could use it as a tool to say to the applicant that this is the procedure.

Mr. Ferrell asked where the multimodal credits are identified and how many credits a bus stop receives. He also asked what it was based on.

Mr. Wallace responded that it is what the local government says they want and what the developer agrees to do. The TIA Guidelines are a process to do a traffic study to determine impacts; once the impacts are determined, it then goes back to the local government. The TDDG has added a new dimension to the multimodal aspect and most cities do not have the ability to give a credit for that against the impact fees.

Mr. Goss stated that most of the cities do not have a science methodology.

Discussion continued.

Ms. Blanck reminded the members that it is a requirement of the state for comprehensive plans to state that the municipality supports the provision of transit by Votran in the city. The only way that can occur is through the continued provision of bus stop access within the municipality.

Mr. Ferrell commented that operational issues will need to be addressed at some point.

Mr. Keeth noted that the TPO has been encouraging the discussion on funding transit for quite some time; transit is identified as a priority in the 2040 Long Range Transportation Plan (LRTP) but is not funded. Funding mechanisms have been discussed.

Ms. Blanck stated that the discussion was outside the scope of the TDDG.

Mr. Ferrell replied that he felt it was pertinent. Anytime there is talk of capital projects, there is a need for transit and the TDDG. Without operations and maintenance it will not be there in five years. If credits are given for transit and bicycle/pedestrian facilities, someone is going to take advantage of it. It will result in an intersection failing because someone received a credit because 25 people got on the bus.

Ms. Mendez agreed with Mr. Ferrell and added that until transit stops being funded as a social service and it is funded as part of the transportation network it will never be an alternative mode of transportation. When the TDDG was first adopted these same things were a struggle. It is essentially site design; she asked if it was still site design.

Ms. Blanck responded that the TDDG had to do with what is actually being designed.

Ms. Mendez suggested having a workshop to review the TDDG.

Ms. Blanck agreed that a workshop would be a good idea.

Mr. Wallace encouraged comments on the guidelines. He added that the process may result in recommendations that are just that: recommendations. He requested comments on the technical and financial aspects.

Mr. Goss stated that he was tying it back to the TIA and added that someone will submit a traffic study and ask for a reduction in trips.

Ms. Nicoulin asked if the guidelines should be shared with the site engineer.

Mr. Wallace replied that it should be tied into the land development code in terms of site plan requirements. Some local governments have already done so and some have not.

F. Presentation and Discussion of Draft Recommendations from the US 17 Corridor Improvement Study

Mr. Keeth introduced Mr. Chris Keller from Tindale-Oliver & Associates.

Mr. Keller gave a status update on the draft recommendations from the US 17 Corridor Improvement Study. Tindale-Oliver & Associates has provided a finalized draft memo describing the character districts and held a stakeholder workshop to review the draft alternatives that emphasize purpose and

goals. They will be accepting comments in the coming weeks and will produce a new draft document incorporating the comments. They will also provide an overview to the committees in the future.

Mr. Keeth requested the members provide comments prior to June 3, 2016

Ms. Mendez asked why there were two tables.

Mr. Keller stated that the recommendations were divided into two separate items; corridor-wide strategies and site specific recommendations. He added that he could look at coming up as an additional way to sort it. As part of the deliverables, they will provide an Excel spreadsheet that can be sorted.

G. Presentation and Discussion of the Transportation Regional Incentive Program (TRIP) and Update to the Project Listing (TCC only)

Mr. Keeth stated that the Transportation Regional Incentive Program (TRIP) is state funds for projects on regionally significant facilities. It is a 50% match program. In order to qualify, a project must be in a transportation regional area. In 2005, the TPO entered into an agreement with five MPOs in Central Florida to create a transportation regional area and establish TRIP eligibility for projects. The Central Florida MPO Alliance (CFMPOA) would like to update the TRIP project list. The TPO has until June to forward a list to the CFMPOA to be incorporated into the regional list. Currently, there is a list of regionally significant facilities that may need to be updated. Specific projects need to be identified that are in the 2040 LRTP and included in the cities' capital improvement elements. The TRIP list is not a broad wish list; these are projects that should have been well vetted with the cities and counties and there should be a local match commitment. The list will be updated annually. The TPO would like to start identifying projects with the 2040 LRTP. The TPO will develop a draft list and distribute it to the members for input.

Mr. Ervin clarified that the program required a 50% match.

Mr. Keeth confirmed that was correct.

Mr. Ferrell added that the 50% match can be SU funds.

Mr. Cheney asked where the TRIP list was.

Mr. Keeth stated that the existing lists were emailed out.

Mr. Cheney asked what the intent of the CFMPOA was with the lists and if they would be ranked.

Mr. Keeth responded that they will not be ranking the projects.

Mr. Cheney stated that his concern is that there was a pot of money for Transportation Alternatives Projects (TAP) that could be used for many different projects and the CFMPOA wanted the money to go to directly to regional trails only. He stressed that he did not want that to happen again.

Ms. Bollenback added that in terms of the agreement, there was no difference than before; there is no desire to rank the lists. In regards to the TAP lists, it was a regional trails list and the point was to overlap the statewide multiuse list and leverage funds. FDOT said they would use the TAP funds to program projects on the list. That money went to Volusia County for the East Central Regional Rail Trail.

H. FDOT Report

Mr. Gene Ferguson gave the FDOT report.

Mr. Ferrell asked about the earmarks that were discussed last month.

Mr. Ferguson responded that FDOT was currently working on the earmarks. All of the jurisdictions are interested in utilizing the earmark funding; however, members of Congress would also like a say in it. FDOT is figuring out how the language allows them to be flexible in repurposing the funds. They have identified that there is \$3.2 million available. Nothing is expected to happen until late this calendar year.

Mr. Keeth stated that there was \$3.2 million in unspent earmarks in Volusia County which must be spent within 50 miles of its original placement. It is treated as federal SA funds and can be spent on federal aid eligible systems as well as off system in some cases. The TPO is working to identify and advise FDOT where the money should be placed by the end of June. It can be programmed on a project any time in the next four fiscal years but is best suited for a project already in TIP or a ready-to-go project.

I. Volusia and Flagler County Construction Reports

Mr. Cheney gave the Volusia County Construction Report. The Flagler County Construction Report was included in the agenda.

VI. Staff Comments

® Update on the Draft CR/SR A1A Pedestrian Safety and Mobility Report

Mr. Harris stated that last month the TCC received a presentation on the CR/SR A1A Pedestrian Safety and Mobility Report. Since that time, the consultant, Kittelson & Associates has provided a draft report. The report is being reviewed by FDOT, the stakeholders and the TPO staff. Next Monday, they will sit down with FDOT to discuss the draft and implementation once it is finalized. Next month there will be a final draft presented for review and a recommendation of adoption.

Mr. Ferrell asked who had reviewed the report.

Mr. Harris replied that Mr. Tony Nosse from the FDOT Safety Office, Mr. Chris Cairns, from the design office as well as many of the TCC members. He requested comments back by the end of May.

Mr. Ferrell asked who at the city of Daytona Beach reviewed the report.

Mr. Harris responded that there were several people who participated in the field review: Mr. Chris Walsh, Mr. Mike Marcum and Mr. Rich Walton.

Mr. Cheney stated he had received a copy of the six focus area reports and asked if there was an overriding report available.

Mr. Harris stated that there was and that it would be sent out at a later date.

® Update on the Tell the TPO Survey

Ms. Blankenship announced that 1,040 responses had been received from the Tell the TPO Survey and 34 were from the TCC. There is still more time, since the deadline for responses was May 31, 2016.

Mr. Keeth added that it is an opportunity to support transit.

Ms. Blanck stated that when she and her staff go to outreach activities, they bring the survey with them.

Ms. Blankenship stated that there were surveys available on the back table, as well as the flyer, and she encouraged members to take them. She recommended that they be shared with family and friends as well as on Facebook and Twitter. There are some city websites that have posted the survey as well. She offered to help in any way needed.

® Update on Current Year Set-Aside Funding

Mr. Keeth stated that he appreciates the TCC members' effort regarding the obligation of current year SU funding.

Mr. Keeth said that \$653,000 in SU funds had been obligated.

VII. TCC Member Comments

Ms. Blanck thanked the members for their expert opinions of the TCC documents and the comments which were taken into consideration.

Ms. Mendez stated that the Mayor of Orange City sent an objection letter to FDOT regarding the relocation of the truck stop to either SR 472 or SR 44. She said that she hopes other cities will follow. Ms. Mendez added that she met with Parsons Brinckerhoff, the consultant for DMT, regarding the Bus Rapid Transit (BRT) study. She stated that she has not heard about that study from the TPO. She expressed that there is a need to coordinate these studies.

Mr. Cheney advised that the Volusia County Council voted to oppose the truck stop and he encouraged all the cities on the west side to oppose it as well. He recommended that the TPO Board oppose the relocation of the Ritchey Green Truck Stop from Seminole County to Volusia County.

MOTION: *A motion was made by Mr. Cheney to recommend that the TPO Board oppose the relocation of the Ritchey Green Truck Stop from Seminole County to Volusia County. The motion was seconded by Mr. Paradise and carried unanimously.*

Ms. Blanck mentioned that the Parsons Brinckerhoff BRT study was one of the alternatives being considered to be supported by the Cross County Connector Study.

VIII. Information Items

- ® River to Sea TPO Board Meeting Summary for April 27, 2016
- ® April TPO Outreach and Events
- ® CAC Tell the TPO Survey Flyer
- ® TCC Tell the TPO Survey Flyer

IX. Adjournment

There being no further business, the TCC meeting adjourned at 5:00 p.m.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

HEATHER BLANCK, CHAIRPERSON
TECHNICAL COORDINATING COMMITTEE (TCC)

CERTIFICATE:

The undersigned duly qualified and acting Recording Secretary of the River to Sea TPO certified that the foregoing is a true and correct copy of the minutes of the May 17, 2016 regular meeting of the Technical Coordinating Committee (TCC), approved and duly signed this 21st day of June 2016.

PAMELA BLANKENSHIP, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

**MEETING SUMMARY
CAC & TCC
JUNE 21, 2016**

IV. ACTION ITEMS

A. NOMINATION AND ELECTION OF CAC/TCC OFFICERS FOR FY 2016/17

Background Information:

At the end of each fiscal year (June 30), the CAC and TCC each elect a new Chairperson and Vice Chairperson for the upcoming fiscal year which runs from July 1, 2016 to June 30, 2017.

The TPO's Bylaws provide that nominations from the floor will be provided by those committee members present at the regularly scheduled meeting in June. Officers shall be elected by a majority of the members present. TCC and CAC officers cannot serve more than two (2) consecutive terms for the same office. A non-voting staff support advisor may not serve as an officer for the CAC. TCC officers may include non-voting members, but at no time may a TPO staff advisor chair the TCC.

The current officers of the CAC are:

Chairperson – Judy Craig

Vice Chairman – Greg Feldman

The current officers of the TCC are:

Chairperson – Heather Blanck

Vice Chairman – Fernand Tiblier

ACTION REQUESTED:

MOTION TO NOMINATE AND ELECT CAC/TCC OFFICERS FOR FY 2016/17

**MEETING SUMMARY
CAC & TCC
JUNE 21, 2016**

IV. ACTION ITEMS

B. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT FY 2016/17 TO 2020/21 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Background Information:

The purpose of the Transportation Improvement Program (TIP) is to identify all federal and state funded transportation project development activity that has been scheduled in the River to Sea TPO planning area for fiscal years 2016/17 – 2020/21. The projects listed in the TIP include improvements to area highway, transit and bicycle/pedestrian systems, as well as transportation-disadvantaged projects, and streetscaping and other enhancement projects scheduled during this time period. Regionally significant projects that are not funded with federal and/or state funds and some of the area's locally funded projects are included in the TIP for informational purposes.

The initial draft FY 2016/17 – FY 2020/21 TIP was presented to the TPO advisory committees and board for review in May. The latest draft TIP and a report comparing the draft TIP to the current adopted TIP are available for review on the TPO's website at: <http://www.r2ctpo.org/resources/tips/>.

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT FY 2016/17 TO 2020/21 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

RESOLUTION 2016-##

RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION ADOPTING THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP) COVERING THE PERIOD OF FY 2016/17 TO FY 2020/21

WHEREAS, Florida Statutes 339.175; 23 U.S.C. 134; and 49 U.S.C. 5303 require that the urbanized area, as a condition to the receipt of federal capital or operating assistance, have a continuing, cooperative, and comprehensive transportation planning process that results in plans and programs consistent with the comprehensively planned development of the urbanized area; and

WHEREAS, the River to Sea Transportation Planning Organization (TPO) is the duly designated and constituted body responsible for carrying out the urban transportation planning process and programming process for Volusia County and portions of Flagler County inclusive of the cities of Flagler Beach, Beverly Beach, and portions of Palm Coast and Bunnell; and

WHEREAS, the River to Sea TPO shall annually endorse and amend as appropriate, the plans and programs required by 23 C.F.R. 450.300 through 450.324, among which is the Transportation Improvement Program (TIP); and

WHEREAS, the construction-phase highway projects funded in the Transportation Improvement Program have been identified as needed projects in the River to Sea TPO's 2040 Long Range Transportation Plan and all other projects contained within the Transportation Improvement Program are consistent with the River to Sea TPO's 2040 Long Range Transportation Plan.

NOW, THEREFORE, BE IT RESOLVED, by the River to Sea TPO that the:

1. FY 2016/17 - FY 2020/21 Transportation Improvement Program (TIP) is hereby endorsed and adopted as an accurate representation of the area's priorities developed through a continuing, cooperative and comprehensive planning process in accordance with applicable state and federal requirements;
2. Federally-aided projects listed in the FY 2016/17 - FY 2020/21 TIP shall be initiated within the urbanized area; and

3. The Chairman of the TPO (or his designee) is hereby authorized and directed to submit the FY 2016/17 - FY 2020/21 Transportation Improvement Program to the:
 - a. Florida Department of Transportation;
 - b. Federal Transit Administration (FTA) (through the Florida Department of Transportation);
 - c. Federal Highway Administration (FHWA) (through the Florida Department of Transportation);
 - d. Federal Aviation Administration (FAA); and
 - e. Department of Economic Opportunity (DEO).

DONE AND RESOLVED at the regular meeting of the River to Sea TPO on the 22nd day of June, 2016.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

VOLUSIA COUNTY COUNCIL MEMBER PAT PATTERSON
CHAIRMAN, RIVER TO SEA TPO

CERTIFICATE:

The undersigned duly qualified and acting Recording Secretary of the River to Sea TPO certified that the foregoing is a true and correct copy of a resolution, adopted at a legally convened meeting of the River to Sea TPO held on June 22, 2016.

ATTEST:

PAMELA C. BLANKENSHIP, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

MEETING SUMMARY

CAC & TCC

JUNE 21, 2016

IV. ACTION ITEMS

C. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT PRIORITY PROJECT LISTS

Background Information:

The River to Sea TPO develops six lists of priority projects (LOPP), each representing a different category of projects. Once adopted, the lists are transmitted to the Florida Department of Transportation (FDOT) district office for use in allocating transportation funds to the area.

The draft lists, presented here for final review and recommendation of approval, reflect changes to the status of projects already on the lists (e.g., completed phase(s), updated cost estimates, etc.).

The Strategic Intermodal Systems (SIS) and Regionally Significant, Non-SIS projects lists include new projects from the 2040 Long Range Transportation Plan.

The Traffic Operations, Safety, and Local Initiatives projects list, Bicycle/Pedestrian and Local Initiatives (bicycle/pedestrian-focused) project list and the Transportation Planning Studies list include new projects received through the TPO's annual "call for projects". These new projects have been added to the lists in ranked order according to the project scores given by the TIP Subcommittee and the Bicycle/Pedestrian Project Review Subcommittee.

The Transit Projects list is included although no projects have been identified.

An initial draft of the Priority Lists were was presented to the CAC, TCC, and TPO Board in May. The enclosed final draft reflects changes directed by the board including the addition of three I-95 interchanges at Pioneer Trail, LPGA Boulevard, and US 1 to the Planning Studies Priority List and the addition of the quiet zones project in South Daytona to the Traffic Operations/Safety Priority Project List.

The River to Sea TPO also participates in the development of Regional Priority Lists through the Central Florida MPO Alliance (CFMPOA) for Regional Trails, Transit and Strategic Intermodal Systems (SIS). Drafts of these lists were provided for your review last month and are included for your review and recommendation of approval.

Also included is the draft Transportation Regional Incentive Program (TRIP) List for your review and recommendation of approval. Upon approval by the TPO Board, the TRIP List will be forwarded to the Central Florida MPO Alliance (CFMPOA) to be added to the TRIP eligible list of regionally significant projects.

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT PRIORITY PROJECT LISTS

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

RESOLUTION 2016-##

RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION ADOPTING THE LIST OF PRIORITY PROJECTS FOR FLORIDA STRATEGIC INTERMODAL SYSTEM (SIS) ROADWAY PROJECTS, REGIONALLY SIGNIFICANT NON-SIS ROADWAY PROJECTS, TRANSIT PROJECTS, TRAFFIC OPERATIONS, SAFETY AND LOCAL INITIATIVES PROJECTS, TRANSPORTATION PLANNING STUDIES, AND BICYCLE/PEDESTRIAN AND BICYCLE/PEDESTRIAN LOCAL INITIATIVES PROJECTS

WHEREAS, the River to Sea Transportation Planning Organization (TPO) is the duly designated and constituted body responsible for carrying out the urban transportation planning and programming process for Volusia County and portions of Flagler County inclusive of the cities of Flagler Beach, Beverly Beach, and portions of Palm Coast and Bunnell; and

WHEREAS, Florida Statutes 339.175; 23 U.S.C. 134; and 49 U.S.C. 5303 require that the urbanized area, as a condition to the receipt of federal capital or operating assistance, have a continuing, cooperative, and comprehensive transportation planning process that results in plans and programs consistent with the comprehensively planned development of the urbanized area; and

WHEREAS, 23 USC 134 and 49 U.S.C. 5303 prescribe the transportation planning role and responsibilities of metropolitan planning organizations especially with respect to establishing local government transportation project priorities; and

WHEREAS, the River to Sea TPO annually engages in an open, cooperative process with the local governments and the Florida Department of Transportation, which includes a public hearing, to develop the List of Priority Projects; and

WHEREAS, the List of Priority Projects is known to be consistent with the River to Sea TPO's adopted Long Range Transportation Plan.

NOW, THEREFORE, BE IT RESOLVED by the River to Sea TPO that the:

1. River to Sea TPO hereby endorses and adopts the List of Priority Projects attached hereto as Exhibit A for FDOT's use in funding FY 2020/21 and other earlier years of the FDOT Five-Year Work Program; and

2. The Chairman of the River to Sea TPO (or his designee), is hereby authorized and directed to submit this resolution to the Florida Department of Transportation, District 5 Secretary.

DONE AND RESOLVED at the regular meeting of the River to Sea Transportation Planning Organization on the 22nd day of June 2016.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

VOLUSIA COUNTY COUNCIL MEMBER, PAT PATTERSON
CHAIRMAN, RIVER TO SEA TPO

CERTIFICATE:

The undersigned, duly qualified and acting Recording Secretary of the River to Sea TPO, certifies that the foregoing is a true and correct copy of a resolution adopted at a legally convened meeting of the River to Sea TPO held on June 22, 2016.

ATTEST:

PAMELA C. BLANKENSHIP, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION



River to Sea Transportation Planning Organization

2016 LIST OF PRIORITY PROJECTS

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River to Sea TPO List of Prioritized Strategic Intermodal System (SIS) Projects

DRAFT 6/13/16

Priority Rank ¹	FDOT FM#	R2CTPO Project#	Project Name	Project Limits	Project Type	Programmed Phase(s)	Needed Phase(s)	Estimated Total Project Cost	Comments
1	4084642	P12s-202-01	I-4 widening (6 lanes to 10)	Volusia/Seminole county line to 1/2 mile east of SR 472	widening	PE - \$6,400,000 - FY 14/15 and FY 15/16	ROW - \$46.355 million; CST - \$372.07 million (all costs are 2014)	\$424.8 million	To be funded as a public-private partnership using tolled lanes
			SR 472 widening (4 lanes to 6)	from Graves Av to Kentucky/MLK Blvd	widening		CST – \$40.48 million,	\$40.48 million	To be undertaken as part of the I 4 Beyond the Ultimate Project; Also on Regionally-Significant, Non-SIS List
			Saxon Blvd Ramp/Roadway	from I-4 to Normandy Blvd			CST - \$35.38 million	\$35.38 million	To be undertaken as part of the I 4 Beyond the Ultimate Project
			Rhode Island Extension	from Veterans Memorial Pkwy to Normandy Blvd			CST - \$34.87 million	\$34.87 million	To be undertaken as part of the I 4 Beyond the Ultimate Project
2	4102511	P10s-205-01	SR 15 (US 17) widening (2 lanes to 4)	Ponce de Leon Blvd to SR 40	widening	PE - \$2,050,000 - FY 14/15; ROW - \$11,005,890 - FY 14/15 through FY 17/18	CST - \$33.4 million (plus \$5-6 million for multi-use trail) (all costs are 2014)	\$55.36 million	
3	4289471	P11s-201-01	SR 40 widening (4 lanes to 6)	Williamson to Breakaway Tr	widening	PD&E - \$583,917 – FY 10/11 through FY 14/15	PE - \$2.13 million, ENV - \$0.13, ROW - \$7.43 million, CST - \$22.99 million, (all costs are 2014)	\$33 .26million (2014)	Also on Regionally-Significant, Non-SIS List.
4	2408371	P10s-206-01	SR 40 widening (2 lanes to 4)	Cone Rd to SR 11	widening	PE/ENV - \$6,560,991 – FY 12 through FY 15	ROW - \$2.3 million, CST - \$41.5 million (all costs are 2015)	\$50.36 million	
5	2408361	P10s-207-01	SR 40 widening (2 lanes to 4)	from SR 11 to SR 15 (US 17)	widening	PE - \$3,307,549 – FY 13/14 ENV - \$400,000 - FY 14/15	ROW - \$7.5 million, CST - \$30.4 million, (all costs are 2015)	\$41.6 million (2015)	

¹ Projects which are ranked one through five on the List of Prioritized SIS Roadway Projects will remain in their current spot or move to the next available higher spot until they are completed and drop out of the Work Program.

River to Sea TPO List of Prioritized Regionally Significant, Non-SIS Projects

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Priority Rank ²	FDOT FM#	R2CTPO Project#	Project Name	Project Limits	Project Type	Programmed Phase(s)	Needed Phase(s)	Estimated Total Project Cost	Comments
1			US 1 intersections (from the US 1 AIS)		intersection improvements	--	--		
	4371211		SR 5 (US 1) at Park Av	SR 5 (US 1) at Park Av	--	PE - \$200,000 - FY 19/20	CST	TBD	Southbound right turn lane added as part of FM# 4268891, US 1 Median Modifications); PE for signal system upgrade to improve intersection operations is programmed in FY 19/20
	2409925	P10r-210-05	SR 5 (US 1) at Canal St Intersection Improvements	SR 5 (US 1) at Canal St	--	CST - \$4,360,519 - FY 18/19	--	\$5,862,914	FULLY-FUNDED
	2409927	P10r-210-08	SR 5 (US 1) at Reed Canal Rd Intersection Improvements	SR 5 (US 1) at Reed Canal Rd	--	CST - \$1,034,977 - FY 17/18	--	\$1,531,349	FULLY-FUNDED
	2409928	P10r-210-06	SR 5 (US 1) at Big Tree Rd Intersection	SR 5 (US 1) at Big Tree Rd Intersection	--	CST - \$687,829 - FY 17/18	--	\$961,925	FULLY-FUNDED
2	4081781	P10r-212-01	SR 483 (Clyde Morris Blvd) widening (4 lanes to 6)	from SR 400 (Beville Rd) to SR 600 (US 92 - International Speedway Blvd)	widening	ROW - \$19,465,853 - FY 17/18 through FY 19/20	CST - \$30.6 million (2015)	\$66,400,00	CST cost matches CFLRoads info last updated 2015
3	4159641	P14r-202-01	Old Kings Rd widening (2 lanes to 4)	Palm Coast Pkwy to Forest Grove Dr	widening	ROW - \$60,000 - FY 14/15	CST - \$13,250,000 (2014); CEI - \$1,600,000 (2014)	\$17,260,000	Cost estimates per Table 1, Palm Coast FY 2014/15 – FY 2018/19 FDOT 5-Yr Work Program Project Priorities
4	--	P11r-208-01	SR 44 Misc. Improvements	between SR 15A and SunRail Station	misc. upgrades to improve access to the SunRail station	--	ROW - \$1.74, CST - \$17.36	\$19,100,000 ³	SR 44 corridor study completed
5	4226271	P11R-209-01	SR 600 (US 92) widening (4 lanes to 6)	from I-4 EB Ramps to SR 600 (US 92) to CR 415 (Tomoka Farms Rd)	widening	ROW - \$6,185,020 - FY 18/19 through FY 19/20	CST - \$25.427 million (2013)	\$18,600,000	CST cost estimate from CFLRoads; FDOT to provide updated estimate by mid June 2015

² Projects which are ranked one through five on the List of Prioritized Regionally Significant, Non-SIS Roadway Projects will remain in their current spot or move to the next available higher spot until they are completed and drop out of the Work Program.

River to Sea TPO List of Prioritized Regionally Significant, Non-SIS Roadway Projects – Continued...

Priority Rank ²	FDOT FM#	R2CTPO Project#	Project Name	Project Limits	Project Type	Programmed Phase(s)	Needed Phase(s)	Estimated Total Project Cost	Comments
6	4355611	P14r-203-01	Old Kings Road Extension - Phase II	Matanzas Woods Pkwy to Old Kings Rd	new road construction	ROW - \$600,000 - FY 15/16, CST - \$4,500,000 – FY 18/19	--	\$5,600,000	FULLY-FUNDED
7	4271181 and 4271182	P14r-204-01	Commerce Pkwy Connector Rd (a.k.a. SR 100/US 1 Connector)	SR 100 to US 1	new road construction	PD&E - \$488,000 PE - \$811,000	ROW - \$0 (donated); CST - \$4,073,000 (2015)	\$5,372,000	\$694,000 remaining in LAP to apply toward CST; 60% plans w/ revised cost estimate expected June 2015
8	4336751	P14r-205-01	Matanzas Woods Pkwy - Phase II	US 1 to I-95 southbound ramps	widening	PE - \$1,903,000 - FY 17/18	ROW - \$183,000; ENV - \$28,000; CST - \$12,653,000; CEI - \$1,265,000	\$16,032,000	Cost estimates per Table 1, Palm Coast FY 2014/15 – FY 2018/19 FDOT 5-Yr Work Program Project Priorities
9			SR 600/SR15 (US 17/92) – Emerging SIS	from SR 472 to SR 15A (Taylor Rd)	not yet determined	--	ROW - \$3,000,000 CST - \$27,000,000	\$30,000,000	
10			LPGA Blvd (widen from 2 lanes to 3)	from SR 5A (Nova Rd) to SR 5/US 1	widening	--	ROW – \$3,500,000 CST – \$9,000,000	\$12,500,000	
11			Howland Blvd (widen from 2 lanes to 4)	from Providence Blvd to Elkcam Blvd	widening	--	ROW – \$2,500,000 CST - \$11,820,000	\$14,320,000	
12			North Entrance DeLand Airport (Industrial Park)	from Industrial Park to SR 11	new road	--	CST - \$970,000	\$970,000	
13			SR 40 widening (4 lanes to 6)	Williamson Blvd to Breakaway Trails	Widening	PD&E - \$583,917 – FY 10/11 through FY 14/15	PE - \$2.13 million, ENV - \$0.13, ROW - \$7.43 million, CST - \$22.99 million,	PD&E - \$583,917 – FY 10/11 through FY 14/15	Also on SIS Projects List
14			SR 100 widening (4 lanes)	Old Kings Rd to Belle Terre Pkwy	widening	--	ROW - \$3.17	SR 100 widening (4 lanes)	Also on SIS Projects List
15			SR 442 Extension	from SR 442 to SR 415	PD&E for new road	--	PD&E - \$10,000,000	\$10,000,000	

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

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Tier "A" – Projects with One or More Phases Funded											
Priority Ranking	FDOT FM#	R2CTPO Project#	Project Name	Project Limits	Project Type	Project Sponsor	Programmed Phase(s)	Needed Phase(s)	Estimated Total Project Cost	Local Match %	Comments
1	4355951	P11i-122-01	Doyle Road Paved Shoulders	Lush Ln to Courtland Blvd	Paved shoulders	Volusia County	PE - \$98,662 - FY 16/17; CST - \$783,636 - FY 17/18	--	\$882,298	10%	FULLY-FUNDED
2	4355961	P12i-107-01	Mast Arm Installation on SR A1A at Cardinal Dr	SR A1A and Cardinal Dr	Traffic signal support system upgrade	Ormond Beach	PE - \$27,445 - FY 17/18	CST - \$189,923 (2015)	\$217,368	10%	
3	4389901	P11i-121-01	Doyle Road Paved Shoulders	Providence Blvd to Saxon Blvd	Paved shoulders	Volusia County	PE - \$100,000 – FY 15/16 CEI - \$125,000 – FY 15/16 CST - \$2,000,000 – FY 15/16	--	\$2,225,000	10%	FULLY-FUNDED
4	4364721		City of New Smyrna Beach Traffic Signal Preemption	Nineteen intersections throughout the city	Traffic signal preemption	New Smyrna Beach	PE - \$7,500 – FY 15/16; CST - \$247,612 – FY 15/16	--	\$255,112	10%	FULLY-FUNDED

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Tier "B" – Projects Ready for Funding											
Priority Ranking ³	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Needed Phase(s)	Estimated Total Project Cost	Local Match %	Year Submitted	Project Score	Comments
1	P13i-101-01 (435591)	Dunlawton Av Walk Light Construction	SR 5 (US-1) to Summer Trees Rd	Pedestrian lighting	Port Orange	CST - \$688,375 (2015)	\$688,375	10%	2013	71.60	Moved from Tier "A" to Tier "B" because project was defunded.
2	P11i-120-01	Old New York Avenue Paved Shoulders and Lane Widening	from SR 44 to Shell Rd	Paved shoulders	Volusia County	PE - \$346,078; CST - \$2,653,264 (2014)	\$2,999,342	10%/Res. 2011-61	2011	60.50	
3	P11i-123-01	Turnbull Bay Road Paved Shoulders	from Pioneer Trail to Sunset Drive	Paved shoulders	Volusia County	PE - \$297,323; CST - \$2,279,478 (2014)	\$2,576,801	10%/Res. 2011-61	2011	49.67	
4	P12i-108-01	Mast Arm Installation on SR A1A at Harvard Dr	at SR A1A and Harvard Dr	Traffic signal support system upgrade	Ormond Beach	PE - \$25,066; CST - \$183,826	\$215,387	10%/Res. 2012-46	2012	44.33	
5		Seminole Woods Pkwy/SR 100 Intersection Safety Improvement Project	Seminole Woods Pkwy at SR 100	Intersection improvement (add turn lane)	Palm Coast	PE - \$3,809; CST - \$43,808; CEI - \$3,809 (2015)	\$47,617	10%	2015	62.71	
6	P12i-109-01	US 1 Traffic Signal Upgrades	at 3rd St, 6th St, 8th St, Walker St, and Flomich St	Traffic signal support system upgrade	Holly Hill	PE - \$118,565; CST - \$1,067,085	\$1,036,386	10%/Res. 2012-R-13	2012	40.67	Need PE - \$115,000 (2013) and CST/CEI - \$900,000/\$135,000 (2013)
7		SR 40 (Ormond Beach) Corridor Traffic Control Adaptive System	from Breakaway Trail to SR A1A	Adaptive Signal Control	Volusia County	PD&E - \$35,000 PE - \$126,000 CST - \$1,800,000 CEI - \$270,000	\$2,070,000 (excludes SEMP and Design	0%	2016	84.67	

³ Projects which are ranked one through eight on Tier "B" of the List of Prioritized XU Traffic Operations/ITS/Safety Projects will be ranked in their current spot or move to the next available higher spot until they are completed and drop out of the Work Program.

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Priority Ranking ³	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Needed Phase(s)	Estimated Total Project Cost	Local Match %	Year Submitted	Project Score	Comments
8		LPGA Blvd Corridor Traffic Control Adaptive System	from the I-95 SB ramps to Clyde Morris Blvd	Adaptive Signal Control	Volusia County	PD&E - \$18,000 PE - \$35,000 CST - \$500,000 CEI - \$75,000	\$628, 000	10%	2016	84.83	
9		SR 44 (Lytle Av) at Myrtle Av Left-Turn Lane Extension	SR 44 at Myrtle Av	Intersection Improvement	Volusia County	PE – (FDOT in-house) CST - \$63,000 CEI - \$6,300	\$69,300 (excludes Design)	0%	2016	84.43	
10		Catalina Blvd at Howland Blvd Intersection Improvements	Catalina Blvd at Howland Blvd	Intersection Improvement	Deltona	PE - \$53,000; CST - \$234,500 CEI - \$27,000 Other – 35,000	\$350,000	33%	2016	83.86	
11		SR 44 (New Smyrna Beach) Corridor Traffic Control Adaptive System	from Airport Rd to 3rd Av	Adaptive Signal Control	Volusia County	PD&E \$35,000 PE - \$98,000 CST - \$1,400,000 CEI - \$210,000	\$1,610,000 (excludes SEMP and Design)	0%	2016	82.17	
12		SR 15 (US 17/92) at Fort Florida Rd SunRail Bus/Pedestrian Pre-Emption	US 17/92 at Fort Florida Rd	Traffic Signal	Volusia County	PE - \$30,000 (FDOT in-house) CST - \$200,000 CEI - \$30,000	\$230,000 (excludes Design)	0%	2016	81.57	
13		SR 421 (Port Orange) Corridor Traffic Control Adaptive System	from Summer Trees Rd to SR A1A (S. Atlantic Av)	Adaptive Signal Control	Volusia County	PD&E - \$35,000 PE - \$98,000 CST - \$1,400,000 CEI - \$210,000	\$1,610,000 (excludes SEMP and Design)	0%	2016	76.57	
14		Saxon Blvd Corridor Traffic Control Adaptive System	from Market Place Dr to Normandy Blvd	Adaptive Signal Control	Volusia County	PD&E - \$18,000 PE - \$56,000 CST - \$800,000 CEI - \$120,000	\$994,000	10%	2016	77.17	
15		Tivoli Dr Intersection Improvements	Tivoli Dr at Saxon Blvd and Providence Blvd	Intersection Improvements	Deltona	PD&E - \$5,000 PE - \$100,000 CST - \$1,614,700 CEI - \$55,000 Other - \$635,300	\$2,410,000	33%	2016	75.43	

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Priority Ranking ³	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Needed Phase(s)	Estimated Total Project Cost	Local Match %	Year Submitted	Project Score	Comments
16		East Volusia Traffic Management Center Relocation	On SR 44 west of SR 415	New Traffic Management Center	Volusia County	PE - \$105,000 CST - \$700,000 CEI - \$70,000 Other – \$17,500,000 (VC match)	\$875,000 (w/o local match, excludes site acquisition/development costs)	10%	2016	71.00	
17		SR 5 (US 1) at Turgot Av Eastbound Right-Turn Lane	US 1 at Turgot Av	Intersection Improvements	Edgewater	PE - \$30,000 CST - \$73,302 CEI - \$7,330	\$110,632	10%	2016	69.83	
18		SR 421 Right Turn Lane on Westbound Dunlawton Av at City Center Pkwy/Victoria Gardens Blvd	SR 421 at City Center Pkwy	Intersection Improvements	Port Orange	PE - \$30,000 CST - \$202,500 CEI - \$20,150	\$252,650	0%	2016	59.50	
19		ISB East Phase II - Bridge to SR A1A - Complete Streets and Roundabouts	from Broadway Bridge To Beachfront	Roundabouts and complete streets improvements	Daytona Beach	PE - \$818,409; ROW - \$30,833,798; CST - \$6,171,672; CEI - \$594,300 (2015)	\$38,418,179	10%	2015	47.14	
20		Railroad Quiet Zone Crossing Protection Improvements	FEC RR @ Ridge Blvd, Big Tree Rd, Beville Rd, and Country Club Rd	Rail crossing improvements	South Daytona	CST - \$97,350	\$97,350	10%	2016	(not scored)	City was awarded a state Quiet Zone Grant of \$52,175 (50% match required)

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Tier "C" – Projects Awaiting Feasibility Study									
Priority Ranking	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Local Match %	Year Submitted	Project Score	Comments
1	S11i-120-01	Traffic Camera Network	city-wide	ITS	South Daytona	10%	2011	- ⁴	Install traffic monitoring system
2		SR 472 & Martin Luther King, Jr. Blvd/Kentucky Av Intersection Improvements	SR 472 at MLK Blvd/Kentucky Av	Intersection Improvements	Volusia County	10%	2016	14.70	
3		SR 44 & Mission Dr/Wallace Rd/Canal St - Alternative Intersection Design	SR 44 at Mission Dr/Wallace Rd/Canal St	Intersection Improvements	Volusia County	10%	2016	14.50	
4		SR 15A (Spring Garden Blvd) at SR 44 (W New York Av) Turn Lane Feasibility Study	SR 15A at SR 44	Intersection Improvements	Volusia County	10%	2016	14.10	
5		US 92 & Kepler Road Intersection - Westbound Left Turn Lane Extension	US 92 at Kepler Rd	Intersection Improvements	Volusia County	10%	2016	13.90	
6		US 92 & Garfield Avenue - Intersection Improvements	US 92 at Garfield Av	Intersection Improvements	Volusia County	10%	2016	13.80	
7		US 92 & US 17/Woodland Blvd Intersection - Westbound Right Turn Lane Extension	US 17-92 (Woodland Blvd) at US 92 (ISB)	Intersection Improvements	Volusia County	10%	2016	13.30	
8		Westbound Dunlawton Av (SR 421) at South Nova Rd	SR 421 at SR 5A	Intersection Improvements	Port Orange	10%	2016	13.29	
9		Right turn lane on Eastbound Dunlawton Av at Clyde Morris Blvd	SR 421 at Clyde Morris Blvd	Intersection Improvements	Port Orange	10%	2016	12.86	
10		US 17-92 & Highbanks Road Intersection - Southbound Right Turn Lane Extension	US 17-92 at Highbanks Rd	Intersection Improvements	Volusia County	10%	2016	12.70	
11		US 17-92 & New York Av Intersection - Southbound Right Turn Lane Extension	US 17-92 at New York Av	Intersection Improvements	Volusia County	10%	2016	12.40	
12		Old Mission Road Guardrail Addition (Park Av to Josephine St)	from Park Av to Josephine St	Safety Improvement	Volusia County	10%	2016	12.30	

⁴ TIP Subcommittee ranked, but did not score, applications submitted in 2011 for feasibility study.

River to Sea TPO List of Prioritized Traffic Operations, Safety, and Local Initiatives Projects

Priority Ranking	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Local Match %	Year Submitted	Project Score	Comments
13		SR 421/Dunlawton Av & Victoria Gardens Blvd Intersection - Westbound Left Turn Lane Extension	SR 421 at Victoria Gardens Blvd	Intersection Improvements	Volusia County	10%	2016	12.20	
14		Signal Enhancement at SR 5/US 1 and SR 100	SR 5 at SR 100	Add protected left turn arrow	Bunnell	10%	2015	12.00	
15		Pioneer Trail Paved Shoulders (Tomoka Farms Rd to Airport Rd)	from Tomoka Farms Rd to Airport Rd	Safety Improvements	Volusia County	10%	2016	11.80	
16		Pioneer Trail Paved Shoulders (Airport Rd to Williamson Blvd)	from Airport Rd to Williamson Blvd	Safety Improvements	Volusia County	10%	2016	11.50	
17		SR 400 (Beville Rd) Mast Arm Traffic Signals (Golfview Blvd & Magnolia Av)	SR 400 at Golfview Blvd & Magnolia Av	Traffic Signal Upgrade	Daytona Beach	10%	2016	11.14	
18		US 1 Streetscape Improvements Phase II	McDonald Av to South City Limit	Streetscape and resurfacing	South Daytona	10%	2015	10.25	
19		James Street/Anastasia Drive Traffic Circle at Big Tree Road	Big Tree Rd at James St/Anastasia Dr	New roundabout	South Daytona	10%	2015	7.63	
20		Golfview Boulevard Traffic Circle at Big Tree Road	Big Tree Rd at Golfview Blvd	New roundabout	South Daytona	10%	2015	7.13	
21		Reed Canal Park Wood Bridge Replacement	Reed Canal at entrance to Reed Canal Park	Bridge replacement	South Daytona	10%	2015	5.25	

River to Sea TPO List of Prioritized Transit Projects

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Priority Ranking	FDOT FM#	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Programmed Phase(s)	Needed Phase(s)	Estimated Total Project Cost	Comments

Note: Transit projects are typically identified by the designated recipient of transit funding. No transit projects have been identified at this time.

River to Sea TPO List of Prioritized Transportation Planning Studies

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Priority Ranking	FDOT FM#	R2CTPO Study ID#	Study Name	Study Limits	Sponsor	Programmed (Year)	Estimated Total Study Cost	Year Submitted	Score	Comments
1			Mason Avenue Corridor Study	from Riverside Dr to Williamson Blvd	Daytona Beach	-	\$75,000	2015	35.75	
2			SR 44 & Beresford Avenue Extension	from Kepler Rd to SR 44	DeLand	-	\$100,000	2015	34.88	
3			Beachside Neighborhood Pedestrian Safety, Mobility & Access	Beachside in Daytona Beach	Daytona Beach	-	\$75,000	2015	32.50	
4			Ft Florida Road Planning Study	US 17	DeBary	-	\$75,000	2016	31.83	
5			Daytona Beach Bicycle & Pedestrian Master Plan	City-wide	Daytona Beach	-	\$115,000	2015	24.75	
6			New Smyrna Beach Trolley Feasibility Study	City-wide	New Smyrna Beach	-	\$50,000	2016	27.67	
7			New Smyrna Beach US 1 Complete Streets	South city limit to north city limit	New Smyrna Beach	-	\$64,000	2016	27.50	
8			I-95/ US 1 Interchange Modifications	at SR 5/US 1		-		2016	(not scored)	
9			I-95/LPGA Blvd Interchange Modifications	at LPGA Blvd		-		2016	(not scored)	
10			I-95/Pioneer Trail New Interchange	at Pioneer Trail		-		2016	(not scored)	

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

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Tier "A" – Projects with One or More Phases Funded											
Priority Ranking	FDOT FM#	R2CTPO Project#	Project Name	Project Limits	Project Type	Project Sponsor	Programmed Phase(s)	Needed Phase(s)	Estimated Total Project Cost	Local Match %	Comments
--	4354871	P13w-103-01	Flagler Av Sidewalk	12th St to Park Av	Sidewalk	Edgewater	PE - \$41,115 FY 2015/16; CST - \$416,830 FY 2017/18	--	\$457,945	10%	FULLY-FUNDED
--	4355361	P13w-106-01	Victoria Gardens Bv Sidewalk	Clyde Morris Bv to Applevue Way	Sidewalk	Port Orange	PE - \$142,344 FY 2015/16; CST - \$477,686 FY 2018/19	--	\$528,321	10%	FULLY-FUNDED
--	4355351	P11p-113-01	Forrest Hills Connector	Old Tomoka Rd to Scottsdale Dr	Trail	Ormond Beach	PE - \$58,704 FY 2015/16; CST - \$589,288 FY 2017/18	--	\$645,692	10%	FULLY-FUNDED
--	4355321	P11w-102-01	Big Tree Rd Shared Use Path	James St to Nova Rd	Trail	South Daytona	CST - \$577,500 FY 2016/17	--	\$577,500	10%	FULLY-FUNDED
--	4355391	P13w-110-01	N. Spruce Creek Rd Sidewalk	Nova Rd to Angelina Ct	Sidewalk	Port Orange	PE - \$75,563 FY 2016/17; CST - \$404,595 FY 2018/19	--	\$478,158	10%	FULLY-FUNDED
--	4355881	P13w-112-01	Magnolia St Sidewalk	6th St to 10th St	Sidewalk	New Smyrna Beach	CST – 57,928 FY 2016/17	--	\$57,928	10%	FULLY-FUNDED
--	4361391	P14-104-01	Halifax River/East Coast Greenway Trail	Wilder Bv to Shady Place	Trail	Daytona Beach	CST - \$525,517 FY 2018/19	--	\$525,517	10%	FULLY-FUNDED (from Regional Trail Project List)
--	4364341	P14n-601-01	Seminole/Volusia Gap	Wayside Park to (Seminole County) Spring to Spring Trail (Volusia County)	Trail	Volusia County	CST - \$1,379,067 FY 2017/18	--	\$2,099,356	0%	FULLY-FUNDED (from Regional Trail Project List)

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Priority Ranking	FDOT FM#	R2CTPO Project#	Project Name	Project Limits	Project Type	Project Sponsor	Programmed Phase(s)	Needed Phase(s)	Estimated Total Project Cost	Local Match %	Comments
--	4106761	P14n-605-01	Black Bear Scenic Trail	SR 35 (Marion County) to US 17 (Volusia County)	Trail	Volusia County	PD&E - \$4,620 FY 2015/16	PE, CST	TBD	0%	(from Regional Trail Project List)
--	4354991	P13w-104-01	W. French Av Sidewalk	N. Carpenter Av to Valentine Park	Sidewalk	Orange City	PE - \$59,338 FY 2015/16	CST	TBD	10%	
--	4355001	P13w-105-01	McDonald Rd Sidewalk	Sauls Rd to 6th St	Sidewalk	Port Orange	PE - \$2,297 FY 2015/16	CST	TBD	10%	
--	435381	P13p-109-01	W. French Av Shared Use Path	Spring to Spring Trail to Valentine Park	Trail	Orange City	PE - \$494,419 FY 2015/16; ROW - \$4,449 FY 2016/17	ROW; CST	TBD	10%	
--	4389831	TBD	Halifax River/East Coast Greenway Trail	Shady Place to Bellevue Av	Trail	Daytona Beach	CST - \$215,512	--	\$215,512	10%	FULLY-FUNDED (from TAP List)
--	4302171	P10p-155-01	Alabama Av Trail	Minnesota Av to US 92	Trail	DeLand	PE	CST	TBD	0%	Design Underway
--	4302172	P10p-156-01	Alabama Av Trail	US 92 to Sperling Sports Complex	Trail	DeLand	CST - \$1,344,112 FY 2019/20	--	\$1,344,112	0%	FULLY-FUNDED
--	4390371	P15p-101-01	Beville Rd Shared Use Path	Williamson Bv to Clyde Morris Bv	Trail	Daytona Beach	CST - \$131,800 FY 2017/18	--	\$131,800	10%	FULLY-FUNDED (from Tier B)
--	4154348	P14e-160-01	East Central Regional Rail Trail (ECRRT)	Guise Rd to Gobbler's Lodge Rd	Trail	Volusia County	CST - \$4,432,301 FY 2018/19	--	\$4,432,301	10%	FULLY-FUNDED (from TAP List)
--	4154349	P14e-160-02	ECRRT	Gobbler's Lodge Rd to Maytown Spur	Trail	Volusia County	CST - \$725,838 FY 2015/16	--	\$725,838	10%	FULLY-FUNDED (from TAP List)
--	4154343	P10e-160-04	ECRRT	Brevard County Line to Cow Creek	Trail	Volusia County	CST - \$2,989,804 FY 2015/16	--	\$2,989,804	10%	FULLY-FUNDED (from TAP List)
--	4390391	P10e-121-01	Spring to Spring Trail	Detroit Terrace to US 17-92	Trail	Volusia County	PE - \$396,000 FY 2017/18	ROW, CST	TBD	10%	(from TAP List)
--	4102511	P10e-122-01	US 17 Trail	W. Baxter St to SR 40	Trail	Volusia County	PE, ROW	CST	TBD	0%	(from TAP List) Included in roadway widening project

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Tier "B" – Projects Ready for Funding											
Priority Ranking	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Needed Phase(s)	Estimated Total Project Cost	Local Match %	Year Submitted	Project Score	Comments
1	P15w-101-01	N. Orange/E. Graves Av Sidewalks	French Av to University Av/Thorpe Av to Leavitt Av	Sidewalk	Orange City	PE - \$56,587; CST - \$185,665 (2015)	\$241,952	10%	2015	87	Protected Status
2	P10e-128-01	Spring to Spring Trail, Segments 5 and 6	Lake Beresford Park to Minnesota Av	Trail	Volusia County	PLN - \$515,500; PE - \$227,059; ROW; CST - \$1,740,789	TBD	10%	2010	85	Protected Status (from TAP List)
3	P14p-101-01	Nova Rd Trail	Bellevue Av to South St	Trail	Daytona Beach	CST - \$118,433	\$118,433	10%	2014	80	Protected Status
4	P14p-102-01	Halifax River/East Coast Greenway Trail	Live Oak Av to Orange Av	Trail	Daytona Beach	CST - \$60,904	\$60,904	10%	2014	78	Protected Status
5	P10e-130-01	Spring to Spring Trail, Phase 7B	Lemon St to King St	Trail	Volusia County	PE - \$162,752 (2013); CST - \$1,247,769 (2013)	\$2,100,000	10%	2006	56	Protected Status (from TAP List)
6	P10e-123-01	Fremont Av Sidewalk	Niles St to US 1	Sidewalk	Daytona Beach	CST - \$439,631 (2014)	\$439,631	10%	2005	--	Protected Status (from TAP List)
7	P10e-124-01	North St Sidewalk	Clyde Morris Bv to Nova Rd	Sidewalk	Daytona Beach	CST - \$399,190	\$399,190	10%	2005		Protected Status (from TAP List)
8	PP12e-101-01	Flagler Beach Multi-Modal Hub	S. Flagler Av business district	Multimodal	Flagler Beach	TBD	TBD	10%	2012	81	Parking/Transit Stop/Transit Circulator/Bicycle Rentals (from TAP List)
9	TBD	US 17 Sidewalk	Washington Av to Palmetto Av	Sidewalk	Pierson	PE - \$94,430; CST - \$472,148 (2016)	\$614,983	10%	2016	79.4	
10	P15p-102-01	Riverwalk Shared Use Path	Dunlawton Av to Ocean Av	Trail	Port Orange	PE - \$65,000; CST - \$341,218 (2016)	\$406,218	10%	2014	77	
11	TBD	Deltona Lakes and Spirit Elem. Sidewalk Program	[multiple limits]	Sidewalk	Deltona	PE - \$149,010; CST - \$397,360 (2016)	\$894,060	10%	2016	76.83	
12	TBD	Spring to Spring Connector Trail	Spring to Spring Trail to US 17-92	Trail	DeBary	PE - \$25,000; CST - \$225,000 (2016)	\$250,000	10%	2016	76.67	

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Priority Ranking	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Needed Phase(s)	Estimated Total Project Cost	Local Match %	Year Submitted	Project Score	Comments
13	TBD	Halifax River/East Coast Greenway	Bellevue Av to Live Oak Av	Trail	Daytona Beach	PE - \$55,000; ROW - \$385,000 CST - \$401,500 (2016)	\$924,000	10%	2016	76	
14	P14w-103-01	Flomich St Sidewalk	Nova Rd to Decatur St	Sidewalk	Holly Hill	PE - \$87,110 ROW - \$79,050 CST - \$340,729 (2016)	\$506,889	10%	2014	75	
15	P11e-126-01	SR A1A National Scenic & Historic Coastal Byway Beautification, Phase 1	N. 10th St to S. 10th St	Hardscaping/landscaping	Flagler Beach	PE - \$75,000; CST - \$675,000	\$750,000 (2011)	10%	2011	75	
16	TBD	Tomoka Elementary Connector Sidewalk	Main Trail to Granada Bv	Sidewalk	Ormond Beach	PE - \$16,200 CST - \$108,000 CEI - \$10,800 (2016)	\$135, 000	10%	2016	72.50	
17	P15w-102-01	S. Holly/E. Lansdowne Av Sidewalks	Graves Av to Blue Springs Av/Volusia Av to Orange Av	Sidewalk	Orange City	PE – \$101,294 CST - \$289,412 (2016)	\$492,883	10%	2015	72	
18	TBD	Halifax River/East Coast Greenway Trail	Orange Av to Intl. Speedway Bv	Trail	Daytona Beach	PE - \$55,000; CST - \$385,500 CEI - \$77,000 (2016)	\$517,000	10%	2016	70.67	
19	TBD	Williamson Bv/Hand Av Pedestrian Improvements	Hand Av to Regal Theater Driveway	Sidewalk, Crosswalk, Pedestrian Signals	Ormond Beach	PE - \$26,400 CST - \$176,00 CEI - \$17,600 (2016)	\$220,000	10%	2016	68.50	
20	P14e-101-01	Navy Canal/Museum Bv Trail	Museum Bv to Clyde Morris Bv	Trail	Daytona Beach	CST - \$225,973	\$225,973	10%	2014	67.5	(from TAP List)
21	TBD	Reed Canal Rd Shared Use Path	Nova Rd to Ridgewood Av	Trail	South Daytona	PE - \$725,608; CST- TBD	TBD	10%	2016	66.33	

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Priority Ranking	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Needed Phase(s)	Estimated Total Project Cost	Local Match %	Year Submitted	Project Score	Comments
22	P15w-103-01	US 1 Sidewalk	Airport Rd to Wilmette Av	Sidewalk	Ormond Beach	PE - \$28,000 CST - \$253,000	\$281,000	10%	2015	65	
23	P14e-102-01	Lehigh Trailhead	At Palm Coast Tennis Center	Trailhead	Palm Coast	PE - \$100,000; CST - TBD	TBD	10%	2014	64.38	(from TAP List)
24	P14e-103-01	Derbyshire Park Trail and Sidewalks	Internal to Derbyshire Park	Trail and Sidewalk	Daytona Beach	CST - \$458,736	\$458,736	10%	2014	63.5	(from TAP List)
25	P15p-103-31	NSB Multi-Use Trail	SR 44 to Gibraltar Bv	Trail	New Smyrna Beach	PE - \$28,000 CST - \$253,000	\$281,000	10%	2015	63	
26	P15w-104-01	Bunnell Elementary School Sidewalks	[multiple limits]	Sidewalk	Bunnell	PE - \$83,467 CST - \$417,333	\$500,800	10%	2015	57	
27	P14p-105-01	Tomoka State Park Trail	Sanchez Park to Tomoka State Park	Trail	Ormond Beach	PE - \$86,000 CST - \$789,627	\$875,626	10%	2014	55	
28	P14w-106-01	Derbyshire Park Sidewalk	Vine St to Nova Rd and Brentwood St to 5th St	Sidewalk	Daytona Beach	CST - \$413,648	\$413,648	10%	2014	54	
29	P14p-107-01	Lakeview Bv Trail	Matanzas Parkway to London Dr	Trail	Palm Coast	CST - \$565,916	\$565,916	10%	2014	53	
30	TBD	SR 44 Median Improvements, Phase 2	Glencoe Rd to Sugarmill Dr	Landscaping and Median Improvements	New Smyrna Beach	PE - \$80,000; CST - \$548,000; CEI - \$20,000 (2015)	\$648,000	10%	2015	52.75	(from TAP List)
31	P10e-134-01	Tarragona Way Sidewalk	Australia St to Museum St	Sidewalk	Daytona Beach	CST - \$300,894 (2014)	\$300,894	10%	2006	35	(from TAP List)

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Tier "C" – Projects Awaiting Feasibility Study									
Priority Ranking	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Local Match %	Year Submitted	Project Score	Comments
1	TBD	Halifax River Trail	Commonwealth Bv to Dunlawton Av	Trail	Port Orange	10%	2016	78.80	
2	TBD	Thompson Creek Trail	Division Av to Wilmette Av	Trail	Ormond Beach	10%	2016	75.75	Initial project application submitted in 2011
3	TBD	NSB West Canal Bike-Ped Study	W. Pine Av to S. Myrtle Av	Trail	New Smyrna Beach	10%	2016	74.60	
4	TBD	Port Orange Sidewalk Gaps	[multiple limits]	Sidewalk	Port Orange	10%	2016	73.20	Sidewalk gaps in 5 separate locations
5	TBD	Flomich St Sidewalk, Phase 2	Decatur St to Ridgewood Av	Sidewalk	Holly Hill	10%	2016	71.80	
6	TBD	South Daytona Riverwalk	South Daytona/Port Orange limit to Palmetto Av	Trail	South Daytona	10%	2016	69.40	Tied with #7
7	TBD	15 th Sidewalk	Nova Rd to Center Av	Sidewalk	Holly Hill	10%	2016	69.40	Tied with #6
8	TBD	Oak Hill Sidewalk	Osteen St to Sunrise Park	Sidewalk	Oak Hill	10%	2016	65.25	
9	S14w-105-01	Highbanks Rd Sidewalk	Simcoe St to Enterprise Rd	Sidewalk	DeBary	10%	2014	63	
10	S14w-106-01	Center Av Sidewalk	Flomich St to LPGA Bv	Sidewalk	Holly Hill	10%	2014	58.3	
11	S15p-106-01	US 1 Shared Use Path	Art Center Bv to Bayshore Dr	Trail	New Smyrna Beach and Port Orange	10%	2015	58	
12	S11w-121-01	SR 442 Sidewalk	I-95 to Air Park Rd	Sidewalk	Edgewater	10%	2016	57.83	Initial project application submitted in 2011
13	S15w-102-01	Willow Run Bv Sidewalk	Harms Way to Clyde Morris Bv	Sidewalk	Port Orange	10%	2015	57	
14	S15p-107-01	Magnolia Av Shared Use Path	Reed Canal Rd to Beville Rd	Trail	South Daytona	10%	2015	56.3	
15	S15w-103-01	Center Av Sidewalk, Phase 2	3 rd St to LPGA Bv	Sidewalk	Holly Hill	10%	2015	55.7	
16	TBD	Pedestrian Enhancements and Traffic Control Calming	[multiple locations on SR A1A and SR 100]	Pedestrian Signals and Speed Indicators	Flagler Beach	10%	2016	54	Submitted on Traffic Operations and Safety Project Application

River to Sea TPO List of Prioritized Bicycle and Pedestrian Projects

Priority Ranking	R2CTPO Project#	Project Name	Project Limits	Project Type	Sponsor	Local Match %	Year Submitted	Project Score	Comments
17	S15p-108-01	Anastasia Dr Shared Use Path	Reed Canal Rd to Big Tree Rd	Trail	South Daytona	10%	2015	52.3	
18	S14p-108-01	Volusia Gap	US 17-92 Bridge to Spring to Spring Trail	Trail	Volusia County	10%	2014	43	
19	S11w-110-01	Lambert Av Sidewalk	Palm Dr to Lambert Cove	Sidewalk	Flagler Beach	10%	2016	35.5	Initial project application submitted in 2011
20	S12w-109-01	Herbert St Sidewalk-East	Jackson St to Railroad Crossing	Sidewalk	Port Orange	10%	2012	35	

TBD – to be determined

DRAFT TRIP-Eligible Projects List (5/18/16)

State law and Florida Department of Transportation Guidelines provide that FDOT may fund with TRIP funds only projects meeting certain eligibility criteria, including those projects which:

- Serve national, statewide or regional functions and function as part of an integrated regional transportation system;
- are identified in the capital improvements element of the applicable government comprehensive plan;
- **are included in the MPO LRTP**, the State Transportation Improvement Program and the MPO's TIP [emphasis added];
- are consistent with the Strategic Intermodal System Plan;
- are in compliance with local corridor management policies; and
- have commitment of local, regional, or private matching funds.

This initial draft list of potential TRIP-eligible projects includes all projects identified in the River to Sea TPO's 2040 LRTP except those listed in Table 28 – 2040 LRTP SIS Cost Feasible Projects List (State/Federal Funding). More particularly, this draft list includes all projects identified in Table 29 – 2040 LRTP Other Arterial Cost Feasible Projects List (State/Federal Funding), Table 30 – Local (Volusia County) Projects, or Table 22 – Candidate Project Needs Scoring Matrix (As Approved by LRTP Subcommittee Meeting (6-12-15)). Projects listed in are not included.

Projects shown in **red type** are located on roadways that were not included on the List of Regionally Significant Roads for TRIP for Flagler County & Volusia County, adopted August 22, 2006. Further review of those projects may be needed to qualify them as "regionally significant".

The order in which projects are listed is not intended to indicate priority.

PROJECT	FROM	TO
SR 483 – Clyde Morris Blvd – widening to 6 lane	Beville Road	US 92
Old Kings Rd – widen from 2 to 4 lanes	Palm Coast Parkway	Forest Grove Dr
SR 44 – Miscellaneous upgrades to improve access to DeLand SunRail	SR 15A	DeLand SunRail Station
US 92 – widen from 4 to 6 lanes	I-4 EB Ramps	CR 415 (Tomoka Farms Rd)
Old Kings Rd – extension roadway (Phase II)	Matanzas Woods Pkwy	Old Kings Rd
Commerce Pkwy Connector Road – new 2 lane roadway	SR 100	SR 5 (US 1)
Matanzas Woods Pkwy (west) – widen to 4 lanes	SR 5 (US 1)	Southbound I-95 ramps
SR 600/SR 15 (US 17/92) - emerging SIS	SR 472	SR 15A (Taylor Rd)
LPGA Blvd – widen to 3 lanes	Nova Rd	SR 5 (US 1)
Howland Blvd – widen to 4 lanes	Providence Blvd	Elkcam Blvd
North Entrance DeLand Airport (Industrial Park)	Industrial Dr	SR 11
SR 40 – widen to 6 lanes	Williamson Blvd	Breakaway Trails
SR 100 – widen to 6 lanes	Old Kings Rd	Belle Terre Parkway
SR 442 – extend roadway (Edgewater or Deltona)	SR 442	SR 415 (alignment not set)
Tymber Creek Rd - widening to 4 lanes	Peruvian Ln	Airport Rd
Tymber Creek Rd - extend as 2 lane road	South of SR 40	LPGA Blvd
Dunn Ave - widening to 4 lanes	Williamson Blvd	Clyde Morris Blvd
Williamson Blvd - widening to 4 lanes	LPGA Blvd	Hand Ave
Williamson Blvd - widening to 4 lanes	SR 400/Beville Rd	Summertree Rd
Josephine St - widening to 4 lanes	Old Mission Rd	Tatum St

DRAFT TRIP-Eligible Projects List – continued...

PROJECT	FROM	TO
Pioneer Trail - widening to 4 lanes	Airport Rd	I-95
I-95 & Pioneer Trail Interchange	Williamson Blvd	Turnbull Bay Rd
Park Ave - adding bi-directional turn lanes & paved shoulder	Old Mission Rd	Massey Ranch Rd
W. Volusia Beltway (Kentucky Ave) - widening to 4 lanes and realign facility	SR 472	Harley Strickland
Doyle Rd - widening to 4 lanes	Providence Blvd	Saxon Blvd
Westside Pkwy - extend road	French Ave	Rhode Island Ave
Howland Blvd - widening to 4 lanes	Providence Blvd	Elkcam Blvd
Rhode Island Extension with I-4 overpass - extend as 2 lane road	Veterans Memorial Pkwy	Normandy Blvd
W. Volusia Beltway (Kepler Rd) - widening to 4 lanes	US 92	Beresford Ave Extension
W. Volusia Beltway (Dr. MLK Jr) - widening to 4 lanes	Taylor Rd	Orange Camp Rd
Beresford Ave - extend road	Blue Lake Ave	SR 44
Old New York Ave - safety & paved shoulders	SR 44	DeLand SunRail Station
Providence Blvd widen to 4 lanes	Debary/Doyle Rd	Elkcam Rd
Old Kings Rd - widen to 4 lanes	Town Center Blvd	Palm Coast Pkwy
Palm Coast Pkwy - widen to 6 lanes	SR 5 (US 1)	Belle Terre Pkwy
Fort Smith Blvd widen to 3 lanes	Elkcam Dr	Providence Blvd
Saxon Blvd - widen to 4 lanes	Tivoli Dr	Providence Blvd
Normandy - widen to 4 lanes	Firwood Dr	Howland Blvd
Tivoli Dr widen to 3 lanes	Saxon Blvd	Providence Blvd
Old Kings Rd South - widen to 4 lanes	SR 100	Old Dixie Hwy
Hand Ave Extension	Williamson Blvd	Tymber Creek Rd ext
Elkcam Blvd - widen to 3 lanes	Normandy Blvd	Fort Smith Blvd
Park Ave Extension	To Restoration Development (1.84 mi)	
Hand Ave - widen to 4 lanes	Williamson Blvd	Nova Rd
Deltona Blvd - widen to 4 lanes	Doyle Rd	Enterprise Rd
Matanzas Woods Pkwy (east) - widen to 4 lanes	NB I-95 ramps	Old Kings Rd extension
Old Mission Road - widen to 3 lanes	Park Ave	Josephine St
Courtland Blvd widen to 3 lanes	Fort Smith Blvd	Howland Blvd

Red type indicates the facility was not included on the List of Regionally Significant Roads for TRIP for Flagler County & Volusia County, adopted August 22, 2006.

CENTRAL FLORIDA MPO ALLIANCE
FY 2016-2017 SIS HIGHWAY PROJECTS FOR PRIORITIZATION
DRAFT

Priority	FDOT Financial Management Number	Project Name or Designation	From	To	Length (Miles)	Work Description	Latest Project Phase Funded	Project Phase(s) Remaining Unfunded	Estimated Remaining Cost (Present-Day)	MPO/TPO
1	4269054	Ellis Rd Widening ¹	I-95 (John Rhodes Blvd)	Wickham Rd.	2.00	Widening 2 to 4 Lanes	ROW 2020-2023	CST	\$10,000,000	Space Coast TPO
2	4336521	I-75 Interchange Impr. at SR 40	SW 40th Avenue	---	1.25	Operations and capacity improvements	Design underway; ROW \$8M 2017/18-2018/19	CST	\$15,000,000	Ocala/Marion TPO
3a	2424847	I-4	S of SR 528/Beachline Expy.	W of SR 435/Kirkman Rd.	3.90	Ultimate Configuration for General Use & Managed Lanes	Partial PE 2015/16	ROW/CST	\$324,270,000	MetroPlan
3b	2424848	I-4	W of CR 532 (Polk/Osceola Line)	W of SR 528/Beachline Expy.	16.45	Ultimate Configuration for General Use & Managed Lanes	Partial PE 2015/16	ROW/CST	\$1,731,919,000	MetroPlan
4a	2425924	I-4	E of SR 434	Seminole/Volusia Co. Line	10.30	Ultimate Configuration for General Use & Managed Lanes	Partial PE 2015/16	ROW/CST	\$472,061,000	MetroPlan
4b	4084642	I-4	Volusia/Seminole Co. Line	SR 472	---	Ultimate Configuration for General Use & Managed Lanes	PE 2015/16	ROW/CST	\$469,736,000	River to Sea TPO
4c	2012103	I-4	W of US 27	W of CR 532 (Polk/Osceola Line)	---	Ultimate Configuration for General Use & Managed Lanes	PE 2015/16	ROW/CST	\$63,227,000	Polk TPO
5	4102511	SR 15 (US 17)	Ponce de Leon Blvd.	SR 40	---	Widen 2 to 4 lanes	ROW 2014/15	CST	\$40,000,000	River to Sea TPO
6	4371811 4074023 4074024	SR 528 (Turnpike) SR 528 ² SR 528 ²	W of I-95 SR 524 (Industry) SR 3	SR 524 (Industry) East of SR 3 Port Canaveral Interchange	4.30 3.70 5.10	Widen 4 to 6 lanes, New Indian River Bridge	PE PE PE	ROW/CST ROW/CST ROW/CST	\$91,271,658 \$421,924,750 \$269,405,898	Space Coast TPO
7	4289471	SR 40	Williamson Blvd.	Breakaway Trail	---	Widen 4 to 6 lanes	PD&E complete	ROW/CST	\$30,420,000	River to Sea TPO
8	2408371	SR 40	Cone Rd.	SR 11	---	Widen 2 to 4 lanes	ENV 2012/13	ROW/CST	\$43,800,000	River to Sea TPO
9	N/A	SR 25/US 27	CR 561 (west)	Florida's Turnpike (northern ramps)	2.14	Widen to 6 lanes	---	PD&E/PE/ ROW/CST	\$25,000,000	Lake-Sumter MPO
10	2408361	SR 40	SR 11	SR 15	---	Widen 2 to 4 lanes	PE 2013/14 ENV 2014/15	ROW/CST	\$38,000,000	River to Sea TPO
11	410674-3	SR 40	CR 314	CR 314A	6.1	Widen to 4 lanes w/ multi-use trail (Black Bear Scenic Trail)	DES underway	ROW/CST	\$93,000,000	Ocala/Marion TPO
12	410674-4	SR 40	CR 314A	Levy Hammock Road	2.8	Widen to 4 lanes w/ multi-use trail (Black Bear Scenic Trail)	-	DES/ROW/CST	\$35,000,000	Ocala/Marion TPO

¹SIS Connector designation in FDOT Central Office for approval; ²Top priority segment of SR 528 widening between SR 524 and Port Canaveral; I-4 Ultimate Configuration is noted as a PPP project.

CENTRAL FLORIDA MPO ALLIANCE SIS HIGHWAY PROJECTS FOR PRIORITIZATION FUNDED FOR CONSTRUCTION										
Old Priority #	FDOT Financial Management Number	Project Name or Designation	From	To	Length (Miles)	Work Description	Latest Project Phase Funded	Project Phase(s) Remaining Unfunded	Estimated Remaining Cost (Present-Day)	MPO/TPO
1	2427152	I-95/I-4 Systems Interchange	---	---		Interchange upgrade	CST 2014/15	---	---	River to Sea TPO
3a	4269053	I-95/Ellis Road Interchange	---	---		New Interchange	CST 2016/17	---	---	Space Coast TPO
5	2384221	SR 25/US 27	Boggy Marsh Rd.	Lake Louisa Rd.	6.70	Widen to 6 lanes	CST 2015/16	---	---	Lake-Sumter
10	4106742	SR 40	SR 35	CR 314	4.5	Widen 2 to 4 lanes	CST 2019/2020	---	---	Ocala/Marion TPO

NOTE: Although funded for construction, projects will continue to be shown until construction starts.

Priorities Programmed Through Construction							
Trail Name	FM Number	Limits A	Limits B	Length (Miles)	Mega-Trails	Latest Project Phase Funded	MPO
Seminole Volusia Gap	436434-1	Wayside Park (Seminole County)	Spring to Spring Trail (Volusia County)	0.8	Heart of Florida: Coast to Coast	CST \$1,379,067 in FY 2017/18	River to Sea/Metroplan Orlando
South Lake Trail Phase 3B	422570-3	SR 33 (Crittenden St.)	Silver Eagle Road	1.0	Heart of Florida: Coast to Coast	Update of PD&E Study and Design underway - ROW 2017-19, CST 2020	Lake-Sumter
Clarcona-Ocoee Trail		West Orange Trail	Clarcona-Ocoee Road	0.2	Heart of Florida; Coast-to-Coast	Design programmed for 2015; ROW programmed for 2018; Construction programmed for 2020	MetroPlan Orlando
Land Bridge Gap	436358-1	SR 200	SW 49th Ave Trailhead	5.2	Heart of Florida	Design/build - FY 2016	Ocala/Marion
Santos Gap	436291-1	SW 49th Ave Trailhead	Santos Trailhead	9.0	Heart of Florida	Design/build - FY 2016	Ocala/Marion
Silver Springs Gap	435486-1	SE 64th Ave Trailhead	Silver Springs State Park	6.0	Heart of Florida	Design - FY 2016, Construction - FY 2018	Ocala/Marion
East Central FL Rail Trail; Garden St Pedestrian Overpass	424040-6	Canaveral Avenue	Draa Road	0.6	River-to-Sea; Coast-to-Coast	Construction funded in FY 2014/15	Space Coast
East Central FL Rail Trail	424040-4	Kingman Road	Volusia County Line	12.8	River-to-Sea; Coast-to-Coast	Construction funded in FY 2014/15	Space Coast
South Lake Trail Phase 4	435893-1	Van Fleet Trail	CR 565A (Villa City Rd.)	8.4	Heart of Florida; Coast-to-Coast	Design Phase underway; ROW 2018-21, CST 2022	Lake-Sumter
Pruitt Gap				9.5	Heart of Florida	Design - FY 2016, Construction - FY 2021	Ocala/Marion
East Central FL Rail Trail	4154348	Guise Road	Gobblers Lodge	3.5	Coast to Coast; St. Johns River to Sea Loop	Construction funded in FY 2018/19 - \$4,083,500	River to Sea
Halifax River Greenway - Beach Street	4361391	Wilder Blvd	Shady Place	0.5	East Coast Greenway	Construction funded in FY 2018/19 - \$525,517	River to Sea
Halifax River Greenway - Donnelly Place	438983-1	Shady Place	Bellevue Ave.	0.3	East Coast Greenway	Construction funded in FY 2017/18 - \$215,512	River to Sea
Space Coast Trail	426187-1 436187-2	Canaveral Avenue	W. Max Brewer Bridge	1.9	River to Sea; Coast-to-Coast; East Coast Greenway	Downtown Connector/ ECR RKT to MHWK, Feasibility Study FY 2014/15 \$160,124; Construction FY 2020/21 \$1,707,000 but City of Titusville will build with local \$ in FY 2016/17; Fully funded through construction by City of Titusville.	Space Coast
South Lake Trail Phase 3B		Silver Eagle	SR 33 (Crittengen St.)	2.1	Heart of Florida; Coast-to-Coast	ROW \$4.73 million CST \$2.0 million	Lake-Sumter
Total Mileage of Priorities Programmed				61.9			

Ranked Priorities

Priority	Trail Name	FM Number	Limits A	Limits B	Length (Miles)	Mega-Trails	SUNTrail Tier	Latest Project Phase Funded	Project Phase(s) Remaining Unfunded	Estimated Remaining Cost (Present Day)
1	Space Coast Trail	437343-1	Max Brewer Bridge East end	Merritt Island National Wildlife Refuge Entrance	1.9	River to Sea; Coast-to-Coast; East Coast Greenway	1	Downtown connector/ ECFRRT to MINWR; Feasibility Study FY 2014/15 \$160,124; Partial Design FY 2016/17	Partially funded through construction with FDOT resurfacing project	\$800,000
2	Spring to Spring Trail, Seg. 3a		Detroit Terrace	US 17/92	4.9	Heart of Florida; River to Sea	2	Design in FY 2017/18 -\$396,000	Construction	\$3,010,000
3A	Space Coast Trail	437093-1	Playalinda Rd West End / MINWR Entrance	Playalinda Rd East End	10.5	River to Sea; Coast-to-Coast; East Coast Greenway	1	\$450,000 PD&E FY 2015/16; \$802,660 Design FY 2017/18	Construction	\$10,500,000
3B	Space Coast Trail		Playalinda Road	US 1 (Volusia County)	12.9	River to Sea; East Coast	2		Construction	\$12,900,000
4	Silver Springs to Mount Dora		SE 64th Ave Trailhead	CR 42	16.6	Heart of Florida; Mt. Dora Bikeway	3	Trail in Marion County will be on existing public lands.	Design and construction	\$7,300,000
5	Pine Hills Trail Phase 3	436433-1	Clarcona-Ocoee Rd.	Seminole County Line	3.0	Heart of Florida; Coast-to-Coast	1	ROW and Design needed	\$1,090,000 for PD&E & design for 2014/15 from 2014 special allocation	\$9,948,000
6	South Sumter Connector	435471-1	Withlacoochee Trail	Van Fleet Trail	19.5	Heart of Florida; Coast-to-Coast	1	PD&E programmed for 2017, Design 2019	CST projected for 2023	\$16,705,923
7	West Orange Trail Phase 5a		Lester Road	Kelly Park	4.2	Heart of Florida; Mt. Dora Bikeway	None	ROW and design needed		\$7,800,000
8	South Lake Trail Phase 3C	427056-1	CR 565A (Villa City Rd.)	SR 33 (Crittenden St.)	1.1	Heart of Florida; Coast-to-Coast	1	Design Underway	ROW and CST - * tied to SR 50 Realignment	\$20,000,000
9	Space Coast Loop		US 1	Aurantia Rd/ECFRRT	9.4	River to Sea	2	North connector ECFRRT/KSC loop; no ROW or PD&E needed		\$3,200,000

10	Neighborhood Lakes Trail		Kelly Park	CR 435 in Orange Co.	3.7	Heart of Florida; Mt. Dora Bikeway	None	ROW and design needed		\$1,300,000
11	Wekiva Trail Segment 1		Tremain St.	CR 437	7.1	Heart of Florida; Mt. Dora Bikeway	None	PD&E Underway/ Design Funded in 2016	Design \$505,000, ROW \$5,000,000, CST \$4,000,000	\$9,000,505
12	Wekiva Trail Segment 2		CR 437	Red Tail Blvd.	2.7	Heart of Florida; Mt. Dora Bikeway	None	PD&E Underway/ Design Funded in 2016	Design \$155,000, ROW \$1,000,000, CST \$750,000	\$1,750,155
13	West Orange Trail Phase 5b		Rock Springs Road	Wekiva Springs SP entrance	2.8	Heart of Florida; Mt. Dora Bikeway	None	ROW and design needed	Spur off Heart-of-Florida loop to Wekiva State Park entrance	\$5,200,000
14	Clarcona-Ocoee Trail	436435-1	Pine Hills Trail	Hiawassee Road	1.5	Heart of Florida; Coast-to-Coast	1	Widening existing sidewalk to shared use path standards; ROW and design needed	\$530,000 for PD&E & design for 2014/15 from 2014 special allocation	\$4,371,600
Unranked	Black Bear Scenic Trail		Volusia County Line	Marion County Line	7.7	Heart of Florida	3	PD&E Funded in FY2020	Design, ROW & CST Phases needed	\$6,500,000
Unranked	Black Bear Scenic		Volusia County Line	US 17	6.4	Heart of Florida	3	Study completed	Design, ROW & CST	\$5,381,630
Unranked	Black Bear Scenic Trail	436360-1	Levy Hammock Road	Lake County Line	13.6	Heart of Florida	3	PD&E Funded in FY2015/16	Design, ROW & CST Phases needed	\$13,600,000
Unranked	East Coast Greenway/SR 528	407402-3	SR 524	SR 3	3.7	East Coast Greenway	3	Design funded in FY 2016/17 as part of two widening/ reconstruction design projects	CST phase needed in same FY as road widening/reconstruction of roadway	\$3,720,000
Unranked	East Coast Greenway/SR 528	407402-4	SR3	Port Canaveral	5.1	East Coast Greenway	3			\$5,090,000
Unranked	East Coast Greenway/US 1		SR 50	Grace Street	3.1	East Coast Greenway	3	Feasibility Study complete; FDOT corridor so no ROW needed	\$523,000 Design, \$3,100,000 CST Phases needed	\$3,623,000
Unranked	Lake Yale Loop Trail		Sabal Bluff Preserve	Marion County Line	11.7	Mt. Dora Bikeway	None	Study completed	Design, ROW & CST Phases needed	\$8,782,000
Unranked	Sabal Bluff Connector		Tav-Lee Trail	Sabal Bluff Preserve	0.5	Mt. Dora Bikeway	None	Study completed	Design, ROW & CST Phases needed	\$375,000
Unranked	Shingle Creek Trail	430225-1	Orange/Osceola Co. Line	US 192	5.0		3	Some segments completed; some programmed.	Alignment, design, ROW & CST	
Unranked	Shingle Creek Trail	430225-7	US 192	Kissimmee Lakefront Park	6.6		3	Some segments completed; some programmed.	Design, ROW & CST	

Unranked	Shingle Creek Trail	430225-2	Central Florida Parkway	Orange/Osceola Co. Line	4.8		3		Design, ROW & CST	\$8,300,000
Unranked	Space Coast Trail/US 1		SR 50	Grace Street	3.1	East Coast Greenway	3	Feasibility Study complete	Design, CST Phases needed	\$3,700,000
Unranked	Tav-Dora Trail		Tremain St	Wooten Park	8.3	Mt. Dora Bikeway	None	Study completed	Design, ROW & CST Phases needed	\$4,500,000
Unranked	Tav-Lee Trail Phase 2		Lakes Blvd.	Sleepy Hollow	3.9	Mt. Dora Bikeway	None	Study completed	Design, ROW & CST Phases needed	\$2,902,000
Unranked	US 17 Trail		Ponce DeLeon Blvd	SR 40	6.4	Heart of Florida; River-to-Sea	2	Design funded in FY 2014/15 & ROW funded in FY 2015/16 through 2019/20	To be constructed as part of road widening project	
	Spring to Spring Trail, Segs 5 & 6		Lake Beresford Park	Minnesota Ave.	2.80	Heart of Florida; River-to-Sea	2		Planning, Design, ROW & CST Phases needed	\$2,500,000
	Halifax River Greenway		Live Oak Ave.	Orange Ave.	0.15	River to Sea, East Coast Greenway	2	Design complete	Construction needed	\$60,904
	Riverwalk Trail		Dunlawton Ave.	Ocean Ave.	0.35	River to Sea, East Coast Greenway	2		Design, Construction needed	\$406,218
	Halifax River Greenway		Bellevue Ave.	Live Oak Ave.	0.58	River to Sea, East Coast Greenway	2		Design, ROW & CST Phases needed	\$924,000
	Halifax River Greenway		Orange Ave.	International Speedway Blvd.	0.28	River to Sea, East Coast Greenway	2		Design, ROW & CST Phases needed	\$517,000
			Total Mileage of Priorities Programmed Through Construction		61.9			Total Priorities Programmed Through Construction		NA
			Total Mileage of Ranked Priorities		195.8			Total Estimated Remaining Costs of Ranked Priorities		\$184,667,935
			Total Mileage of All Priorities		257.7					

Programmed Projects								
MPO	Trail Name	Limits A	Limits B	Mega-Trails	Status	Cost	Length	Notes
Lake-Sumter	South Lake Trail Phase 3A	West Beach, Clermont	Silver Eagle	Heart of Florida; Coast-to-Coast	Construction underway	\$2,800,000	3.10	Dec. 2014 completion date
Lake-Sumter	Tav-Lee Trail Extension	Wooten Park	Sinclair Ave.	Heart of Florida; Mt. Dora Bikeway	Programmed for CST 2017	\$659,198	1.00	Shovel ready
MetroPlan Orlando	Seminole-Wekiva Trail Phase 4	SR 436	Orange Co. line	Heart of Florida; Coast-to-Coast	Programmed for construction 9/2013	\$2,500,000	2.60	
Space Coast	East Central Regional Rail Trail	Draa Road	Kingman Road	River to Sea; Coast-to-Coast	Programmed for construction in 2013	\$1,500,000	1.4	Includes trailhead
Space Coast	East Central Regional Rail Trail	Glenn Road	Kingman Road	River to Sea; Coast-to-Coast	Programmed for construction in 2014	\$838,522	3.70	off road trail
Space Coast	East Central Regional Rail Trail	Draa Road	Canaveral Avenue	River to Sea; Coast-to-Coast	Programmed for construction in 2014	\$3,005,000	0.60	Includes overpass
River to Sea	Spring to Spring Trail, Seg. 3b	French Avenue	Detroit Terrace	River to Sea	Design/build contract approved by Volusia County Council on April 3, 2014	\$3,059,000	2.40	
River to Sea	East Central Regional Rail Trail	South of SR 442	Brevard Co. Line	River to Sea; Coast-to-Coast	Programmed for construction in 2015 & 2016	\$7,129,000	13.50	Includes \$3,700,000 in local funds.
River to Sea	East Central Regional Rail Trail	West side of SR 415	East side of SR 415	River to Sea; Coast-to-Coast	Construction underway	\$1,965,000	0.12	Overpass
River to Sea	East Central Regional Rail Trail	South side of SR 442	North side of SR 442	River to Sea; Coast-to-Coast	Construction underway	\$2,159,500	0.12	Overpass
River to Sea	East Central Regional Rail Trail	South side of SR 442	Dale Ave.	River to Sea; Coast-to-Coast	Advertised for construction	\$2,234,655	3.80	
River to Sea	East Central Regional Rail Trail	SR 415	Guise Road	River to Sea; Coast-to-Coast	Advertised for construction	\$1,390,000	2.58	
Lake-Sumter	Neighborhood Lakes Trail	SR 46	Orange Co. line	Heart of Florida; Mt. Dora Bikeway	PD&E Underway; design funded in 2014/15; ROW acquired, CST funded in 2018	\$2,547,160	2.20	Design \$247,160 (2015), CST \$2,300,000 (2018)
Ocala/Marion	Pruitt Trailhead Connection	Bridges Road	SR 200	Heart of Florida	Programmed for design/build in FY 2015	\$5,000,000	8.00	
River to Sea	East Central Regional Rail Trail	Gobblers Lodge	Maytown Spur	River to Sea; Coast-to-Coast	Programmed for construction in FY 2014/15	\$5,576,987	6.50	
River to Sea	East Central Regional Rail Trail	Guise Road	Gobblers Lodge	River to Sea; Coast-to-Coast	ROW underway; Programmed for construction in FY 2018/19	\$4,539,000	3.50	
Lake-Sumter	Wekiva Trail Segment 3	Red Tail Blvd.	Wekiva River	Heart of Florida; Mt. Dora Bikeway	Design underway	\$1,600,000	6.90	CST as part of Wekiva Parkway Segment 6 in 2017, ROW acquired
MetroPlan Orlando	Rinehart Road Path	CR 46A	SR 46	Heart of Florida; Coast-to-Coast	ROW acquired; design/build	\$554,000	0.88	
Total Programmed						\$49,057,022	62.9	



2017

Regional Transit Priorities

DRAFT

Proposed transit priorities are focused on high capacity rail or bus projects requiring a significant investment of federal, state and local funds. These are shown in three tiers: (1) projects currently underway; (2) prospective projects currently being studied; and (3) future projects that will be studied. Privately-funded projects are shown for information purposes.

Transit Projects Currently Underway

- SunRail - Phase II North (DeBary-DeLand)

Prospective Transit Projects Currently Being Studied or in Development

- SunRail - Phase III (Meadow Wood Station to OIA)
- OIA Refresh Alternatives Analysis
- US 192 Bus Rapid Transit
- SR 50 Bus Rapid Transit
- Lymmo Expansion (North/South)
- Volusia Transit Connector Study
- Prospective Brightline Brevard Station Study

Future Transit Projects That Will Be Studied

- East Central Florida Corridor Task Force Transit Study (Orange-Brevard)

Privately-Funded Transit Projects

- Brightline (Orlando-West Palm Beach-Ft. Lauderdale-Miami)
- EMMI/AMT (Orange County Convention Center to Orlando International Airport)

MEETING SUMMARY

CAC & TCC

JUNE 21, 2016

IV. ACTION ITEMS

D. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT TRANSPORTATION IMPACT ANALYSIS (TIA) METHODOLOGY UPDATE

Background Information:

In 2007, the River to Sea TPO (then known as the Volusia County MPO) adopted a Transportation Impact Analysis (TIA) methodology for the purpose of improving coordination and communication among member local governments regarding the assessment and management of traffic impacts resulting from new developments. The TIA methodology was a collaborative effort involving all of the member local governments, the Volusia County Association for Responsible Development (VCARD) and local traffic engineering consultants.

Changes to the TPO's membership, planning area boundaries and to the growth management legislation, as well as other considerations, necessitated another review and update. For this latest review, the TPO authorized Tindale-Oliver & Associates to engage the TPO's member local governments and representatives of the development community (FCARD and VCARD) in a comprehensive review of the TIA methodology for the purpose of identifying issues and opportunities to be addressed in an update. A draft TIA Methodology update was presented to the TPO advisory committees and board in May. Comments received during that review have been addressed in the final draft which is available at <http://www.r2ctpo.org/agendasminutes/tcc/agenda/> for your review and recommendation to the TPO Board for adoption.

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT TRANSPORTATION IMPACT ANALYSIS (TIA) METHODOLOGY UPDATE

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

RESOLUTION 2016-##

RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION REQUIRING MEMBER LOCAL GOVERNMENTS TO ADOPT THE TPO'S TRANSPORTATION IMPACT ANALYSIS GUIDELINES METHODOLOGY (TIA METHODOLOGY) AS A PREREQUISITE FOR THE FUNDING OF TRANSPORTATION PROJECTS UTILIZING FEDERAL SU FUNDS

WHEREAS, the River to Sea Transportation Planning Organization (TPO) is the duly designated and constituted body responsible for carrying out the urban transportation planning and programming process for Volusia County and portions of Flagler County inclusive of the cities of Flagler Beach, Beverly Beach, and portions of Palm Coast and Bunnell; and

WHEREAS, the River to Sea Transportation Planning Organization (TPO) has been a leader in promoting and facilitating regional and local transportation coordination and cooperation; and

WHEREAS, the River to Sea TPO has developed a mechanism, known as the Transportation Impact Analysis Guidelines Methodology (TIA Methodology), to better communicate, coordinate and standardize the transportation system impacts of development between and among the TPO's member local governments; and

WHEREAS, the TIA methodology was initially developed and adopted by the TPO in May 2007 with full cooperation and input from the member local governments with the recommendation that each local government adopt the methodology for their respective jurisdictions; and

WHEREAS, the TIA Methodology was recently updated with input from public and private transportation professionals, as well as the member local governments, for the purpose of including Palm Coast and parts of Bunnell and unincorporated Flagler County, better accommodating multimodal transportation improvements, and clarifying procedures and communications protocols; and

WHEREAS, the members of the River to Sea TPO have collectively determined that it is in the best interest of the TPO's member local governments to use the updated TIA Methodology to improve coordination and communication regarding the transportation impacts of development.

NOW, THEREFORE, BE IT RESOLVED, by the River to Sea TPO that the:

1. the updated Transportation Impact Analysis Guidelines Methodology dated June 2016 and attached hereto as Attachment "A" is hereby adopted; and
2. the River to Sea TPO directs staff and committees to ensure that the aforementioned Transportation Impact Analysis Guidelines Methodology is

formally adopted by any member local government as a prerequisite to submitting projects for consideration in the TPO's Priority Project Process; and

3. the River to Sea TPO also directs staff to ensure that all projects included in the update to the Long Range Transportation Plan be from jurisdictions that have adopted the TIA Methodology; and
4. the Chairman of the TPO (or his designee) is hereby authorized and directed to provide a copy of this resolution along with the adopted Transportation Impact Analysis methodology to:
 - a. the Florida Department of Transportation; and
 - b. the Federal Highway Administration, via the Florida Department of Transportation; and the
 - c. the Federal Transit Administration, via the Florida Department of Transportation.

DONE AND RESOLVED at the regular meeting of the River to Sea TPO held on the 22nd day of June, 2016.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

VOLUSIA COUNTY COUNCIL MEMBER PAT PATTERSON
CHAIRMAN, RIVER TO SEA TPO

CERTIFICATE:

The undersigned duly qualified and acting Recording Secretary of the River to Sea TPO certified that the foregoing is a true and correct copy of a resolution, adopted at a legally convened meeting of the River to Sea TPO held on June 22, 2016.

ATTEST:

PAMELA C. BLANKENSHIP, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

MEETING SUMMARY
CAC & TCC
JUNE 21, 2016

IV. ACTION ITEMS

E. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT TRANSIT DEVELOPMENT DESIGN GUIDELINES (TDDG)

Background Information:

The TPO's consultant, Tindale Oliver & Associates, presented a draft of the Transit Development Design Guidelines (TDDG) to the CAC and TCC last month. This document was developed to guide developers, architects, engineers, planners, and other local government representatives in incorporating the transit design standards process when integrating transit service into developing and redeveloping areas in the planning, design, review, and approval of land development projects. The guide has been developed to be used in coordination with the Volusia County Transportation Impact Analysis (TIA) Guidelines methodology with emphasis given to the transit corridors within the existing and planned Votran service area.

The draft TDDG are available for your review at <http://www.r2ctpo.org/agendasminutes/tcc/agenda/> The final draft is being presented to the CAC and TCC for final review and recommendation to the TPO Board for adoption.

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF RESOLUTION 2016-## ADOPTING THE DRAFT TRANSIT DEVELOPMENT DESIGN GUIDELINES (TDDG)

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

RESOLUTION 2016-##

RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION REQUIRING MEMBER LOCAL GOVERNMENTS TO ADOPT VOTRAN'S TRANSIT DEVELOPMENT DESIGN GUIDELINES (TDDG) AS DESIGN STANDARDS FOR TRANSIT INFRASTRUCTURE

WHEREAS, the River to Sea Transportation Planning Organization (TPO) is the duly designated and constituted body responsible for carrying out the urban transportation planning and programming process for Volusia County and portions of Flagler County inclusive of the cities of Flagler Beach, Beverly Beach, and portions of Palm Coast and Bunnell; and

WHEREAS, Florida Statutes 339.175; 23 U.S.C. 134; and 49 U.S.C. 5303 require that the urbanized area, as a condition to the receipt of federal capital or operating assistance, have a continuing, cooperative, and comprehensive transportation planning process that results in plans and programs consistent with the comprehensively planned development of the urbanized area; and

WHEREAS, the River to Sea Transportation Planning Organization (TPO) has been a leader in promoting and facilitating regional and local transportation coordination and cooperation; and

WHEREAS, the River to Sea TPO and Votran have developed transit infrastructure design standards, known as the Transit Development Design Guidelines (TDDG), providing general parameters for personnel and organizations when integrating transit design into developments among the TPO's member local governments; and

WHEREAS, the TDDG was initially developed and approved by the River to Sea TPO in February 2008 with full cooperation and input from the member local governments with the recommendation that each local government adopt the design standards for their respective jurisdictions; and

WHEREAS, the TDDG was recently updated with input from public and private transportation professionals, as well as the member local governments, for the purpose of being used in coordination with the TPO's Transportation Impact Analysis (TIA) Methodology with emphasis given to the transit corridors within the existing and planned Votran service area; and

WHEREAS, the members of the River to Sea TPO have collectively determined that it is in the best interest of the TPO's member local governments to use the updated TDDG in coordination with the TPO's Transportation Impact Analysis (TIA) Methodology to design and construct the transit infrastructure needed in the built environment.

NOW, THEREFORE, BE IT RESOLVED, by the River to Sea TPO that the updated Transit Development Design Guidelines, dated June 2016, and attached hereto as Attachment "A" are hereby adopted.

DONE AND RESOLVED at the regular meeting of the River to Sea TPO held on the 22nd day of June, 2016.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

VOLUSIA COUNTY COUNCIL MEMBER PAT PATTERSON
CHAIRMAN, RIVER TO SEA TPO

CERTIFICATE:

The undersigned duly qualified and acting Recording Secretary of the River to Sea TPO certified that the foregoing is a true and correct copy of a resolution, adopted at a legally convened meeting of the River to Sea TPO held on June 22, 2016.

ATTEST:

PAMELA C. BLANKENSHIP, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

MEETING SUMMARY

CAC & TCC

JUNE 21, 2016

IV. ACTION ITEMS

F. REVIEW AND RECOMMEND APPROVAL OF RECOMMENDATION TO FDOT FOR THE ALLOCATION OF UNUSED EARMARK FUNDING AVAILABLE IN THE TPO PLANNING AREA

Background Information:

The Consolidated Appropriations Act of 2016 identified unspent funding associated with earmarks and authorizes the reallocation of this funding. The FDOT District 5 staff have requested that each MPO review the available funding and provide direction regarding how to reallocate the funds. In the River to Sea TPO planning area, there is approximately \$3.2 million in funding available that is associated with projects within Volusia County.

The FDOT District staff is requesting that the River to Sea TPO support the Department in using the earmark funding for a single qualifying project provided they replace that funding with an equal amount of funding from another fund source. The TPO has recently identified a funding shortfall on the East Central Regional Rail Trail project which would be satisfied with the use of this funding allocation.

The R2CTPO staff will discuss the unused earmark funding and the proposal offered by FDOT and seek direction from the TPO for allocating these funds.

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF RECOMMENDATION TO FDOT FOR THE ALLOCATION OF UNUSED EARMARK FUNDING AVAILABLE IN THE TPO PLANNING AREA

**MEETING SUMMARY
CAC & TCC
JUNE 21, 2016**

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

A. PRESENTATION AND DISCUSSION OF THE 2016 TELL THE TPO SURVEY CAMPAIGN PRELIMINARY RESULTS

Background Information:

The River to Sea TPO recently undertook a two-month survey campaign designed to better understand the priorities and preferences of its constituents related to transportation planning and implementation for the planning area. Baseline data was established during the 2014 Tell the TPO survey which will be used to compare the 2016 survey data in tracking the changes and trends over the years.


The specific goals of the 2016 survey included the following:

- Ascertain the transportation wants, needs, problems, preferences, and suggestions from residents, business community, elected officials, and other stakeholders
- Provide data that the TPO can analyze in order to ascertain trends
- Act as an educational tool and expose each person who takes it to the benefits, mission, and programs of the TPO
- Add to the TPO database of interested residents, businesses, and visitors

Staff from Kittelson & Associates, the TPO's consultant for the survey, will present the preliminary data that was gathered from the 2016 Tell the TPO Survey campaign.

ACTION REQUESTED:




NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE



TELL THE TPO

RIVER TO SEA TPO
COMMUNITY TRANSPORTATION SURVEY
RESULTS SUMMARY

DRAFT
TPO Board/Committee Briefing
June 2016

"TELL THE TPO" GOALS

SURVEY AND PUBLIC AWARENESS CAMPAIGN

- 1 | PROVIDE RESEARCH ON PUBLIC OPINION USEFUL TO TPO LEADERSHIP AND LONG RANGE PLANNING
- 2 | EFFECTIVE PUBLIC ENGAGEMENT TOOL
- 3 | CREATE A BUZZ AND EARNED MEDIA OPPORTUNITY
- 4 | BUILD PARTNERSHIPS AND AWARENESS
- 5 | BUILD DATABASE

COMMUNITY TRANSPORTATION SURVEY | RIVER TO SEA TPO

DRAFT

SURVEY HIGHLIGHTS

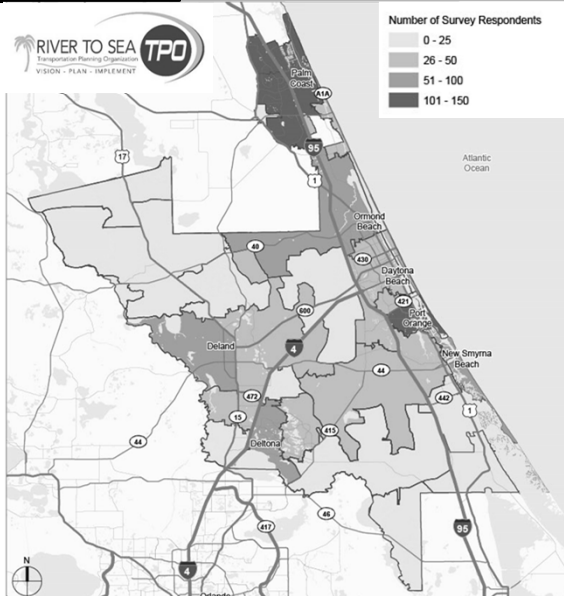
- A few changes to the 2014 survey (ITS items, SunRail question)
- Directly partnered with numerous community organizations (One Voice for Volusia, Volusia County Farm Bureau, and many others)
- Broadcasted on more than 50 press and social media outlets
- **1,276 total responses** – more than the 2014 survey effort!



COMMUNITY TRANSPORTATION SURVEY | RIVER TO SEA TPO

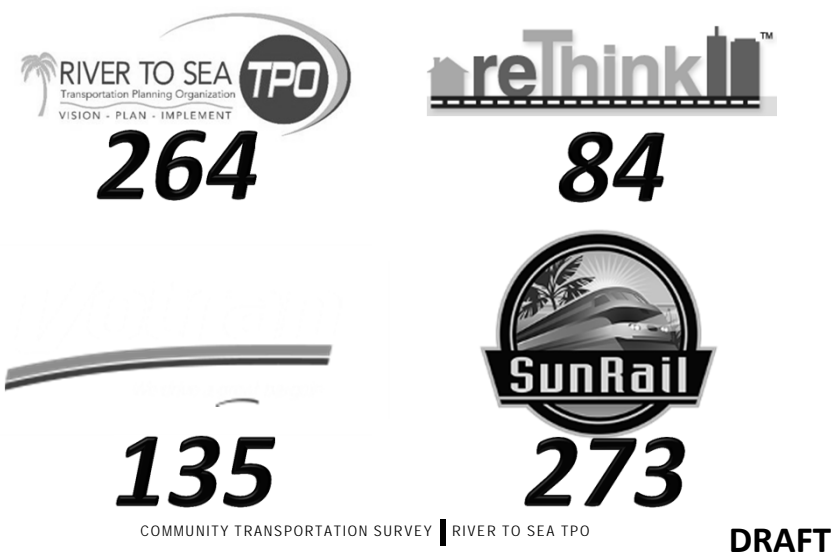
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SURVEY RESPONSES











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BUILD DATABASE








HOW DO TPO CONSTITUENTS FEEL ABOUT CONDITIONS OF EXISTING TRANSPORTATION FACILITIES (RESPONDENTS INDICATING "SOMEWHAT SATISFIED" OR "COMPLETELY SATISFIED")?

	2014	2016
 SATISFIED WITH INTERSTATE HIGHWAYS	48%	56%
 SATISFIED WITH MAJOR ROADWAYS	40%	53%
 SATISFIED WITH TRAILS	45%	50%
 SATISFIED WITH LOCAL STREETS	39%	44%
 SATISFIED WITH PEDESTRIAN FACILITIES	44%	42%
 SATISFIED WITH BICYCLE LANES	34%	31%
 SATISFIED WITH PUBLIC TRANSIT SERVICES	17%	24%
 SATISFIED WITH PUBLIC TRANSIT SHELTERS / BENCHES	17%	24%

3 TO IMPROVE DRIVING, WHERE SHOULD WE INVEST (INVEST MORE, THE SAME, OR LESS)?

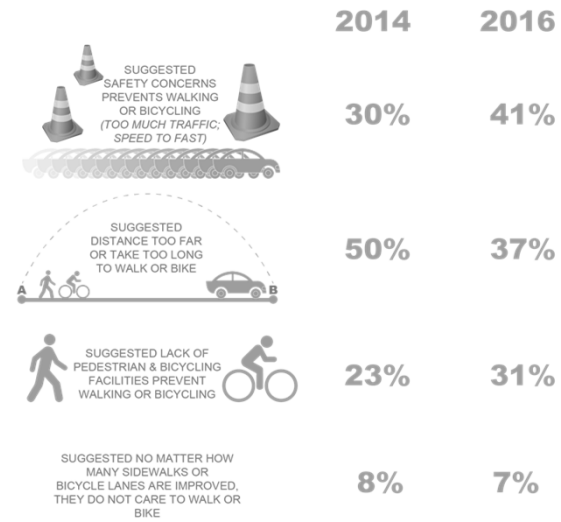
	2014	2016
INCREASE INVESTMENT IN MODES OTHER THAN DRIVING (BICYCLING, TRANSIT, WALKING)	72%	<div>65% WALKING</div> <div>64% BICYCLING</div> <div>59% TRANSIT</div>
INCREASE INVESTMENT IN IMPROVING OPERATIONAL EFFICIENCIES (BETTER SIGNAL TIMING, EXTENDING TURN LANES, ETC.)	63%	62%
INCREASE INVESTMENT IN VARIABLE MESSAGE SIGNS, COORDINATED SIGNALS, REAL-TIME INFO	NEW ANSWER CHOICE	57%
INCREASE INVESTMENT IN BUILDING NEW ROADWAYS	25%	54%
INCREASE INVESTMENT IN ENCOURAGING CARPOOLING	42%	43%
INCREASE INVESTMENT IN ADDING MORE LANES	38%	9%

4 WHAT FORMS OF TRANSPORTATION DO TPO CONSTITUENTS USE REGULARLY?

	2014	2016
 90% DRIVE ALONE		89% DRIVE ALONE
 23% WALK DAILY		50% WALK DAILY
 12% BIKE DAILY		28% BIKE DAILY
 6% CARPOOL		11% CARPOOL
 6% PUBLIC TRANSPORTATION		<div>4% BUS</div> <div>3% SUNRAIL</div>

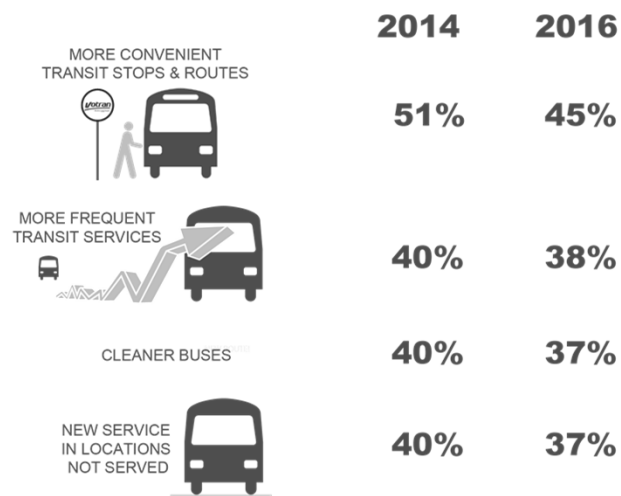
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WHAT REASONS PREVENT RESPONDENTS FROM WALKING OR BICYCLING?



DRAFT

WHICH IMPROVEMENTS WOULD MAKE TRANSIT MORE ATTRACTIVE?



DRAFT

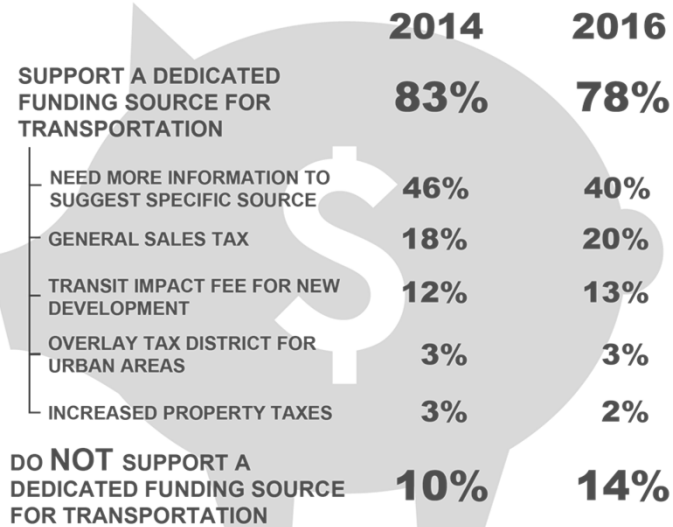
7 WHAT IMPROVEMENTS CAN MAKE SUNRAIL
MORE ATTRACTIVE?

2016 - NEW QUESTION



DRAFT







8 WHAT SOURCES SHOULD BE USED TO PAY FOR PUBLIC
TRANSIT?



DRAFT

9

HOW SHOULD WE PRIORITIZE OUR TRANSPORTATION FUNDING (MORE, THE SAME, OR LESS)?






	2014	2016
 INVEST MORE IN PEDESTRIAN FACILITIES	59%	62%
 INVEST MORE IN EXISTING ROADWAYS	47%	56%
 INVEST MORE IN BICYCLE FACILITIES	58%	52%
 INVEST MORE IN PUBLIC TRANSIT	73%	<div> 52% BUS SERVICE </div> <div> 51% SUNRAIL </div>
 INVEST MORE IN TRAILS	46%	43%
 INVEST MORE IN NEW ROADWAYS	34%	24%

DRAFT

10

IN WHAT AREA IS TRANSPORTATION TECHNOLOGY MOST IMPORTANT?

2016 - NEW QUESTION

	IMPROVING THE FLOW OF TRAFFIC	75%
	DECREASING ROADWAY CRASHES	75%
	PROVIDING REAL-TIME INFORMATION TO DRIVERS / TRANSIT RIDERS / PEDESTRIANS	53%
	HELPING TRANSIT VEHICLES ARRIVE ON TIME	45%
	REDUCING FREIGHT SHIPPING TRAVEL TIMES	40%

DRAFT

2016 SURVEY AMBASSADOR COMPETITION

- This year, about 40% of the total responses came in through the boards and committees - congratulations to all Ambassadors!

And the winner is...



**THE R2CTPO
BOARD!**



COMMUNITY TRANSPORTATION SURVEY | RIVER TO SEA TPO

DRAFT



ANY QUESTIONS?
WWW.TELLTHETPO.COM

COMMUNITY TRANSPORTATION SURVEY | RIVER TO SEA TPO

DRAFT

2016 Tell the TPO...

A Community Transportation Survey



The River to Sea Transportation Planning Organization (TPO) wants your continued input as we plan transportation improvements for Volusia County and parts of Flagler County. Please complete our survey online at www.TelltheTPO.com or mail back this copy. **All responses with contact information received by 5/31/2016 will be eligible to enter a drawing for a free iPad Mini!**

1. Home Zip

If applicable: Work/School Zip

2. What is your overall level of satisfaction with the current transportation facilities in Volusia/Flagler Counties?

(Rank: 1 = completely dissatisfied; 2 = somewhat dissatisfied; 3 = neutral; 4 = somewhat satisfied; 5 = completely satisfied):

a. Sidewalks and crosswalks (availability, maintenance conditions, etc.)	1	2	3	4	5
b. Trail system (availability, trail conditions, logical connections, etc.)	1	2	3	4	5
c. Bicycle lanes (accessibility, bicycle lane markings, pavement conditions, etc.)	1	2	3	4	5
d. Public transit service (accessibility, routes connecting destinations, etc.)	1	2	3	4	5
e. Public transit shelters/benches (availability, conditions)	1	2	3	4	5
f. Local neighborhood streets (traffic, maintenance conditions, etc.)	1	2	3	4	5
g. Major streets (traffic, maintenance conditions, etc.)	1	2	3	4	5
h. Interstate highways (traffic, maintenance conditions, etc.)	1	2	3	4	5

3. In order to improve driving in our area, do you think we should invest more, the same or less in the following? (Select one for each):

a. Improving roadway operations (better traffic signal timings, adding or extending turn lanes, etc.)	More	The same	Less
b. Implementing technology to improve safety and efficiency of traffic operations (e.g. variable message signs on highways, coordinated traffic signals, real-time mobile traffic information, etc.)	More	The same	Less
c. Building new roadways	More	The same	Less
d. Adding lanes to existing roadways	More	The same	Less
e. Encouraging carpooling	More	The same	Less
f. Improving walking conditions	More	The same	Less
g. Improving bicycling conditions	More	The same	Less
h. Improving transit	More	The same	Less

4. What forms of transportation do you use regularly (4 or more times per week)? (Check all that apply):

- ☐ Walk
- ☐ Bicycle
- ☐ Drive alone
- ☐ Carpool
- ☐ Bus
- ☐ SunRail

5. If you do not walk or bicycle now, what prevents you from doing so? (Check all that apply):

6. If you do not regularly use public transit buses, what improvements might make them a more attractive option for you? (Check all that apply):

- ☐ Lack of pedestrian or bicycle facilities (sidewalks, marked crosswalks, paths, bike lanes, etc.)

☐ Safety concerns (too much traffic, roads too busy, vehicles too fast, sidewalks too close to roadway, etc.)

☐ Distance too far or takes too long to walk or bicycle

☐ No matter how many sidewalks or bicycle lanes are improved, I do not care to walk or bicycle
- ☐ More convenient bus stops or route locations

☐ Faster or more direct bus service

☐ More frequent and/or expanded hours for bus service

☐ Cleaner buses

☐ Lower fares

☐ I will not ride the bus even with public transportation improvements

7. If you do not regularly use SunRail, what improvements might make it a more attractive option for you? (Check all that apply):

- ☐ More frequent and/or expanded hours for SunRail service

☐ Expand SunRail service to DeLand station

☐ Expand SunRail service beyond DeLand station

☐ Lower fares
- ☐ I will not ride SunRail even with public transportation improvements

☐ More parking at stations

☐ More effective feeder bus service

8. Local funding is required to pay for additional public transit (SunRail and buses). What funding sources would you support to expand transit service? (Check one):

- ☐ Increased Ad valorem taxes (property taxes)
- ☐ A general sales tax of ½ cent per dollar
- ☐ A transit impact fee for new development
- ☐ Yes, I support additional funding source for transit, but would need more information to suggest a preferred method of funding
- ☐ An overlay tax district for urban areas to support mass transit
- ☐ No, I do not support consideration of a dedicated funding source for transit
- ☐ A general sales tax of one cent per dollar

9. As we prioritize spending on transportation projects, do you think we should invest more, the same, or less than we are spending now on the following? (Select one for each):

a. Sidewalks and crosswalks	More	The same	Less
b. Trails	More	The same	Less
c. Bicycle facilities	More	The same	Less
d. Bus service	More	The same	Less
e. SunRail	More	The same	Less
f. Improving conditions on existing roadways	More	The same	Less
g. New roadways	More	The same	Less

10. New transportation technology is most important for which of the following: (Rank from 1 to 5 - where 1 is most important and 5 is least important):

a. Improving the flow of vehicle traffic	1	2	3	4	5
b. Helping transit vehicles arrive on time or have shorter travel times	1	2	3	4	5
c. Reducing freight shipping travel times	1	2	3	4	5
d. Providing real-time information to drivers / transit riders / pedestrians (e.g. via mobile devices, variable message signs on roadways, etc.)	1	2	3	4	5
e. Decreasing roadway crashes	1	2	3	4	5

11. Optional Questions (This information helps us know if we've reached all types of travelers within our area):

- a. Age

☐ <16

☐ 16 to 25

☐ 26 to 40

☐ 41 to 65

☐ >65
- b. Gender

☐ Female

☐ Male
- c. Race/ Ethnicity

☐ White

☐ Hispanic/Latino

☐ Black/African American

☐ Asian

☐ Other
- d. Annual income

☐ <\$25,000

☐ \$25,000 to \$45,000

☐ \$45,001 to \$100,000

☐ \$100,001 to \$150,000

☐ >\$150,000

If you want to be eligible to win a free iPad Mini, please provide your name and email below.
PUBLIC RECORDS NOTICE: The River to Sea TPO is governed by the State of Florida public records law. Information we receive may be disclosed to any person making a public records request in accordance with Chapter 119 Florida Statutes.

Name

Email

Please let us know if you would like additional information on:

- a. River to Sea Transportation Planning Organization (meetings, issues, and events)

☐ Yes

☐ No
- b. ReThink (ridesharing, carpooling, park-and-ride services, etc.)

☐ Yes

☐ No
- c. Votran (bus schedules, updates, route changes, etc.)

☐ Yes

☐ No
- d. SunRail (news updates, schedule, etc.)

☐ Yes

☐ No

As we plan transportation improvements in Volusia and Flagler Counties, do you have any additional concerns, suggestions, problems, and/or recommendations for us?



2570 W. International Speedway Boulevard, Suite 100
Daytona Beach, FL 32114-8145



POST OFFICE WILL
NOT DELIVER
WITHOUT POSTAGE

Mail To:
RIVER TO SEA TPO
2570 W. International Speedway Boulevard, Suite 100
Daytona Beach, FL 32114-8145

MEETING SUMMARY
CAC & TCC
JUNE 21, 2016

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

B. PRESENTATION AND DISCUSSION OF THE DRAFT SEA LEVEL RISE VULNERABILITY ASSESSMENT

Recent guidance and directives have required that all planning agencies begin to assess and plan for concerns related to increased severe weather and flooding associated with sea level rise. Through a partnership with the East Central Florida Regional Planning Council (ECFRPC), the River to Sea TPO is engaged in a preliminary assessment of potentially threatened transportation system infrastructure.

The East Central Florida Regional Planning Council staff will provide background regarding the modeling used to assess flooding potential, the infrastructure included in this evaluation, additional considerations and next steps.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE

MEETING SUMMARY
CAC & TCC
JUNE 21, 2016

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

C. PRESENTATION AND DISCUSSION OF THE INTELLIGENT TRANSPORTATION SYSTEMS (ITS)
VISION AND GOALS, DRAFT INVENTORY AND PROGRAM DIRECTION

Background Information:

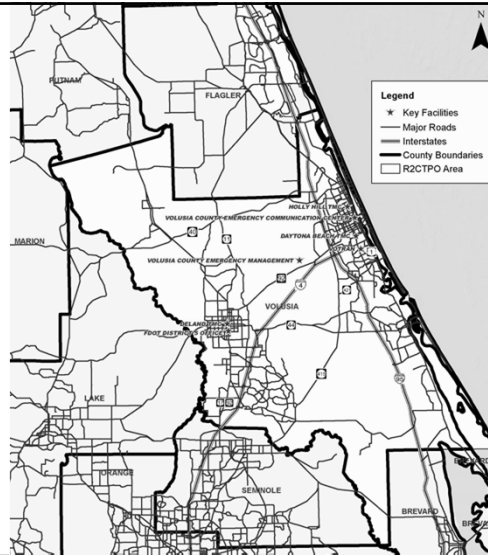
The objective of this first phase of the Intelligent Transportation Systems (ITS) Study is to develop an ITS vision, goals and objectives for the TPO planning area, inventory and evaluate existing and proposed ITS elements and organizational and functional relationships, and to identify and assess transportation-related issues that could potentially benefit from the deployment of ITS projects and/or strategies. The consultant, Kittelson & Associates, will present and discuss the preliminary findings and recommendations. A draft Executive Summary document for Phase I will be provided under separate cover.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE

R2CTPO ITS MASTER PLAN Phase 1

CAC/TCC and
TPO Board
June 21 and 22, 2016



PROJECT OVERVIEW – PHASE 1



Project Overview – Phase 1

TASK	1	Determine ITS Vision, Goals, Objectives <ul style="list-style-type: none"> Research, document, and summarize relevant Visions, Goals, and Objectives in existing plans
TASK	2	Inventory and Document Existing and Planned ITS Elements and Relationships <ul style="list-style-type: none"> Collect and describe existing and planned ITS infrastructure Document flow of traffic and incident information
TASK	3	Identify and Assess Transportation-Related Focus Topics <ul style="list-style-type: none"> Identify current and future issues to benefit from ITS projects/strategies Stakeholder interviews
TASK	4	Scope Effort to Complete ITS Master Plan Phase 2 (and beyond)



KITTELSON & ASSOCIATES, INC.
TRANSPORTATION ENGINEERING/PLANNING



Project Timeline

MAR	APR	MAY	JUN
MAR 23	TPO Board Approval of Study		
	APR 28	ITS Technical Advisory Committee (TAC) meeting	
		Stakeholder Interviews	
			JUN 8
			ITS TAC meeting
		DRAFT Issues Executive Summary	
			Finalize Phase 1



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VISION, GOALS & OBJECTIVES



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R2CTPO ITS Master Plan Vision

“Improve safety; facilitate the movement of goods and people; and enhance the transportation system’s efficiency, sustainability, and reliability through deployment of advanced technology and interagency coordination to maximize the transportation system’s utilization.”



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TRANSPORTATION ENGINEERING/PLANNING



R2CTPO ITS Master Plan Goals

1. *Improve safety and security for all modes*
2. *Provide real-time and accurate user information to make informed travel decisions*
3. *Facilitate the efficient movement of goods and people*
4. *Preserve and enhance access to multimodal choices and facilitate connections*
5. *Integrate ITS projects with local and regional partner agencies and build on existing efforts*
6. *Protect the environment by improving efficiency and reducing congestion and emissions with technology*
7. *Collect, monitor, and report transportation data to support informed transportation policy decisions*

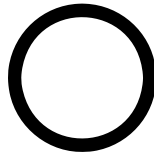
INVENTORY AND DOCUMENT EXISTING AND PLANNED ITS ELEMENTS AND RELATIONSHIPS

Existing Conditions Data Collection Overview

- Leverage FDOT District Five ITS Masterplan Data
- Focus on entities operating, administering, and maintaining ITS or signalization infrastructure
- Interagency communications
- Infrastructure Elements
 1. Traffic signal inventory
 2. Fiber optic communication networks
 3. Dynamic message sign inventory
 4. CCTV locations
 5. Traffic management centers
 6. System adaptability (i.e. signal compatibility with ITS technologies)
 7. Transit routes including Sunrail

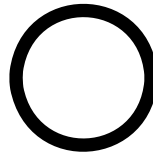
IDENTIFY AND ASSESS TRANSPORTATION-RELATED FOCUS TOPICS – STAKEHOLDER INTERVIEWS

Stakeholder Interviews



IN PERSON

1. FDOT District Five
2. Volusia County
3. Flagler County
4. City of Daytona Beach
5. City of Palm Coast
6. Flagler County Sheriff's Office



TELECONFERENCE

1. SunRail
2. Florida Highway Patrol
3. Volusia County Sheriff's Office

Common Issues Identified

- Interagency communication and transparency is lacking or inflexible
- Limited ability to directly access/monitor video feeds from other agencies
- Varying stages of current ITS deployment and technologies
 - Palm Coast system in its infancy
 - Daytona Beach system is well established
- Special events and beaches present issues unique to Volusia and Flagler Counties

Common Issues Identified

- Lack of available data
 - Information on travel conditions for before and after studies
 - Unable to conduct corridor or system-wide reporting.
- Varying asset management programs
 - Routine recurring ITS maintenance plan vs response-driven maintenance
- Maintenance of traffic inefficiencies
 - Work zones
 - Incidents/crash response inefficiencies
- Technically-skilled staff availability

PHASE 2 SCOPING ELEMENTS

Phase 2 Scoping Elements

- ① Review Phase 1 – any changes/updates required?
- ② Determine current and future ITS needs reflecting the goals and objectives
- ③ Identify candidate ITS projects and/or strategies that will:
 - Address the identified ITS needs
 - Contribute to a cooperatively managed, integrated ITS program
 - Yield significant safety, security, and operational benefits in a cost-effective manner
 - Conform to national, statewide, and regional ITS architectures
- ④ Recommend an implementation strategy addressing:
 - Project prioritization
 - Agency responsibilities
 - Staffing requirements
 - Interagency agreements
 - Potential funding sources
 - Continual operations and maintenance

Project Contact Information

- Bob Keeth - R2CTPO Project Manager
 - rkeeth@r2ctpo.org or 386.226.0422 ext. 20424
- Adam Burghdoff – Consultant Project Manager
 - aburghdoff@kittelison.com or 407-540-0555

MEETING SUMMARY
CAC & TCC
JUNE 21, 2016

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

D. FDOT REPORT

Background Information:

Mr. Gene Ferguson, Florida Department of Transportation (FDOT) will be present to answer questions regarding projects on the FDOT Construction Status Report and the Push-Button Report.

The Construction Status and Push Button Reports are provided for your information.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE



Project Status Report as of May 23, 2016

Volusia County						
I-4 WIDENING -- SR 44 to East of I-95						
FIN #	408464-1-52-01					
CONTRACT #	E5R16					
DESIGN BUILD						
PROJECT DESCRIPTION: Interstate widening from four lanes to six lanes						
				TIME	COST	
CONTRACTOR:	Condotte / DeMoya Group	LET DATE:	2/03/2012	ORIGINAL:	900	\$134,462,000.00
CCEI:	Parsons Brinkerhoff Inc.	NTP:	5/09/2012	CURRENT:	1,537	\$143,134,761.82
FED. AID #:	422501	TIME BEGAN:	09/5/2012	ELAPSED:	1,468	\$129,194,797.67
FUND TYPE	FAO	WORK BEGAN:	09/5/2012	% ORIGINAL:	163.11%	96.08%
DBE Achieved	10.08%	EST. COMPLETION:	Fall 2016*	% TO DATE:	95.51%	90.26%
Current CPPR:	92%			LIQ. DAMAGES:	0	
* Completion date not estimated by contract days						
CONTACT			PHONE		EMAIL	
CEI SENIOR PROJECT ENGINEER		Steve Wigle, P.E.	C: 407.509.8541		wigle@pbworld.com	
CONTRACT SUPPORT SPECIALIST (CSS)		Mike Atkins	C: 407.406.1218		matkins@metriceng.com	
CEI PROJECT ADMINISTRATOR		Barry Johnson	C: 407.947.7426 O: 386.873.0772		johnsonba@pbworld.com	
CONTRACTOR'S SUPERINTENDENT:		Grant Cool	C: 305.322.5597 O: 386.873.0770		grant.cool@demoya.com	
FDOT PROJECT MANAGER:		Tyler Malmborg, P.E.	C: 386.846.4149 O: 386.740.3505		tyler.malmborg@dot.state.fl.us	
SENIOR ROADWAY INSPECTOR:		Jay Johnson	C: 321.229.9821			
SENIOR BRIDGE INSPECTOR:						
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		jim.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Grant Cool	C: 305.322.5597 O: 386.873.0770		grant.cool@demoya.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:						
MEETING SCHEUDLE: Thursday 1:30 p.m. at the Field Office						

Volusia County						
I-95, I-4, US 92 SYSTEM TO SYSTEM INTERCHANGE						
FIN #	242715-2-52-01					
CONTRACT #	E5W26					
DESIGN BUILD						
PROJECT DESCRIPTION: Widening of I-95 from 4 to 6 lanes, complete reconstruction of the I-4/SR 400 and US 92 interchanges, reconstruction of Bellevue Bridge, improvements to SR 400, US 92, Bellevue Road and Tomoka Farms Road						
					TIME	COST
CONTRACTOR:	Archer Western Contractors LLC	LET DATE:	9/05/2014	ORIGINAL:	1,100	\$204,975,000.00
CCEI:	Jacobs Engineering Group	NTP:	11/25/2014	CURRENT:	1,195	\$204,975,000.00
FED. AID #:	0954-140-1	TIME BEGAN:	11/25/2014	ELAPSED:	538	\$83,865,475.36
FUND TYPE	Federal	WORK BEGAN:	11/25/2014	% ORIGINAL:	48.91%	40.91%
DBE Achieved	1.22%	EST. COMPLETION:	Spring 2018	% TO DATE:	45.02%	40.91%
Current CPPR:	100			LIQ. DAMAGES:	0	
CONTACT			PHONE		EMAIL	
CEI SENIOR PROJECT ADMINISTRATOR		Robert Parker	C: 904.449.0923 O: 386.333.9537		robert.parker@jacobs.com	
CONTRACT SUPPORT SPECIALIST (CSS)		Katie Abernethy	C: 407.335.6390 O: 386.333.9537		catherine.abernethy@jacobs.com	
CONTRACTOR'S PROJECT MANAGER:		Jeff Hutchinson, P.E.	C: 904.669.8931 O: 386.333.9575		jhutchinson@walshgroup.com	
CONTRACTOR'S ASST PROJECT MANAGER		Joshua McDermott	C: 772.263.3253 O: 386.333.9575		jmcdermott@walshgroup.com	
FDOT PROJECT MANAGER:		Bradley Bauknecht, P.E.	C: 386.290.6844 O: 386.740.3519		bradley.bauknecht@dot.state.fl.us	
SENIOR PROJECT ENGINEER:		Bruce Dinkheller, P.E.	O: 386.333.9537		bruce.dinkheller@jacobs.com	
SENIOR INSPECTOR:		Tony Phillips	C: 904.626.0076 O: 386.333.9537		tony.phillips@jacobs.com	
SENIOR INSPECTOR:		Jose Medina	C: 386.804.2403 O: 386.333.9537		jose.medina@jacobs.com	
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		jim.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Jeff Hutchinson, P.E.	C: 904.669.8931 O: 386.333.9575		jhutchinson@walshgroup.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:		Esteban Lorenzo Garcia	C: 386.916.6676 O: 386.333.9575			
MEETING SCHEUDLE: Tuesday 9:30 a.m., Field Office, 735 Fentress Blvd.						

Project Status Report as of May 23, 2016

Volusia County						
SR 400 (I-4) RESURFACING ST. JOHN'S RIVER BRIDGE TO SAXON BOULEVARD						
FIN #	432455-1-52-01					
CONTRACT #	T5542					
LUMP SUM						
PROJECT DESCRIPTION: Milling and resurfacing of I-4 from east end of St. John's River Bridge to just west of Saxon Boulevard, including ramps at Exit 108						
					TIME	COST
CONTRACTOR:	Ranger Construction Industries	LET DATE:	10/28/2015	ORIGINAL:	260	\$6,389,000.00
CCEI:	Mehta and Associates Inc.	NTP:	12/29/2015	CURRENT:	261	\$6,389,000.00
FED. AID #:	0042 270 I	TIME BEGAN:	2/27/2016	ELAPSED:	81	\$864,625.05
FUND TYPE	CLS	WORK BEGAN:	2/27/2016	% ORIGINAL:	31.15%	13.53%
DBE Achieved	0.45%	EST. COMPLETION:	Winter 2017	% TO DATE:	31.03%	13.53%
Current CPPR	98			LIQ. DAMAGES:		
CONTACT			PHONE		EMAIL	
CEI SENIOR PROJECT ADMINISTRATOR		Kerry Worrell, P.E.	O: 407.657.6662 C: 321.239.7308		kworrell@mehtaeng.com	
CONTRACT SUPPORT SPECIALIST (CSS)		Nicole Colon	O: 407.754.6425		ncolon@mehtaeng.com	
CONTRACTOR'S PROJECT MANAGER:		Juan Arce	C: 407.948.4553		juan.arce@rangerconstruction.com	
CONTRACTOR'S SUPERINTENDENT:		Terry Overcash	C: 863.559.1206		terry.overcash@rangerconstruction.co	
FDOT PROJECT MANAGER:		Glenn Raney	O: 386.740.3524 C: 386.846.4862		michael.raney@dot.state.fl.us	
SENIOR PROJECT ENGINEER:		Anu Shah, P.E.	O: 407.657.8662 C: 850.341.6114		ashah@mehtaeng.com	
SENIOR INSPECTOR:		Alan Forget	C: 321.377.5848		aforget@mehtaeng.com	
RESIDENT ASPHALT SPECIALIST						
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		jim.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Juan Arce	C: 407.948.4553		juan.arce@rangerconstruction.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:		Trent Dion	C: 386.527.3436		trent.dion@rangerconstruction.com	
MEETING SCHEUDLE: Tuesdays 10:30 a.m., Mehta & Associates, 1 Purlieu Place, Suite 100, Winter Park						

Volusia & Seminole counties						
SR 415 from Seminole County Line to Reed Ellis Road						
FIN #	407-355-3-52-01, 240216-5-52-01, 407355-1-52-01					
CONTRACT #	T5415					
CONVENTIONAL						
PROJECT DESCRIPTION: Add lanes & reconstruct						
					TIME	COST
CONTRACTOR:	United Infrastructure Group Inc.	LET DATE:	5/23/2012	ORIGINAL:	1,100	\$32,798,973.37
CCEI:	AECOM	NTP:	7/27/2012	CURRENT:	1,310	\$35,176,945.60
FED. AID #:	N/A	TIME BEGAN:	10/1/2012	ELAPSED:	1,323	\$34,980,924.02
FUND TYPE	STA	WORK BEGAN:	10/1/2012	% ORIGINAL:	120.27%	106.65%
DBE Achieved	1.90%	EST. COMPLETION:	5/02/2016	% TO DATE:	100.99%	99.44%
Current CPPR	95.80%			LIQ. DAMAGES:	13 days	\$110,551.35
Work substantially complete						
CONTACT			PHONE		EMAIL	
CEI SENIOR PROJECT ADMINISTRATOR		Terry Simpson	C: 407.355.7544 O: 407.302.6943		terry.simpson@aecom.com	
CONTRACT SUPPORT SPECIALIST (CSS)		Seth Simpson	C: 407.729.8581 O: 407.302.6943		seth.simpson@aecom.com	
CONTRACTOR'S PROJECT MANAGER:		Pete Wilson	C: 407.625.2623 O: 407.377.0550		pete.wilson@uig.net	
CONTRACTOR'S SUPERINTENDENT:		Pete Vlahos	C: 407.615.0821 O: 407.377.0550		pete.vlahos@uig.net	
FDOT PROJECT MANAGER:		Tyler Malmborg, P.E.	C: 386.846.4149 O: 386.740.3505		tyler.malmborg@dot.state.fl.us	
SENIOR PROJECT ENGINEER:		Terry Muse, P.E.	O: 813.399.5383		terry.muse@aecom.com	
SENIOR ROADWAY INSPECTOR:		Frank Shaw	C: 407.314.7417 O: 407.302.6943		frankshaw2@aecom.com	
SENIOR BRIDGE INSPECTOR:		Willie Diaz	C: 407.453.7363 O: 407.302.6943		william.m.diaz@aecom.com	
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		jim.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Pete Wilson	C: 407.625.2623 O: 407.377.0550		pete.wilson@uig.net	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:						
MEETING SCHEUDLE: Tuesday 10 a.m. at AECOM Field Office						



Outside Consultant
In-House Construction
Maintenance

Project Status Report as of May 23, 2016

VOLUSIA						
SR 400 (BEVILLE ROAD) RESURFACING						
FIN #	430677-1-52-01					
CONTRACT #	T5536					
Lump Sum Contract						
PROJECT DESCRIPTION: Mill and resurface SR 400 from west of Woodcrest Dr. to west of S. Ridgewood Ave.						
					TIME	COST
CONTRACTOR:	P&S Paving	LET DATE:	8/26/2015	ORIGINAL:	216	\$2,534,883.50
FED. AID #:	422641	NTP:	11/3/2015	CURRENT:	244	\$2,584,883.50
FUND TYPE		TIME BEGAN:	12/3/2015	ELAPSED:	165	\$2,397,999.79
DBE Achieved	3.79%	WORK BEGAN:	12/10/2015	% ORIGINAL:	76.39%	94.60%
Current CPPR:	97	EST. COMPLETION:	7/21/2016	% TO DATE:	67.62%	92.77%
				LIQ. DAMAGES:	0	
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Tyler Malmborg, P.E.	C: 386.846.4149 O: 386.740.3505		tyler.malmborg@dot.state.fl.us	
CONTRACT SUPPORT SPECIALIST (CSS)		Ernie Saltar	O: 386.740.3416		ernesto.saltar@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Brian Davidson	C: 386.566.0551		bdavidson@pandspavinginc.com	
CONTRACTOR'S SUPERINTENDENT:		John Dunlap	C: 386.214.8896		jd@pandspavinginc.com	
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	C: 386.279.5504 O: 386.740.3594		paul.wabi@dot.state.fl.us	
SENIOR ROADWAY INSPECTOR:		Steve Chambers	C: 407.466.1642		steve@jbseng.com	
SENIOR BRIDGE INSPECTOR (if applicable):						
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		james.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		John Dunlap	C: 386.214.8896		jd@pandspavinginc.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:						
MEETING SCHEDULE: As needed on site						

VOLUSIA						
SR 600 (US 92) and SR 5 (US 1) Resurfacing						
FIN #	432442-1-52-01					
CONTRACT #	T5537					
Lump Sum Contract						
PROJECT DESCRIPTION: Milling and resurfacing SR 600 (US 92) between Segrave Street and Beach Street, and SR 5 (US 1) between Magnolia Avenue and Bay Street. Also sidewalk improvements and curb reconstruction.						
					TIME	COST
CONTRACTOR:	Atlantic Civil Constructors Inc.	LET DATE:	9/30/2015	ORIGINAL:	110	\$1,272,760.00
FED. AID #:		NTP:	12/17/2015	CURRENT:	133	\$1,272,760.00
FUND TYPE		TIME BEGAN:	1/16/2016	ELAPSED:	122	\$1,260,647.85
DBE Achieved	0.24%	WORK BEGAN:	1/17/2016	% ORIGINAL:	110.91%	99.05%
Current CPPR:	98	EST. COMPLETION:	6/17/2016	% TO DATE:	91.73%	99.05%
				LIQ. DAMAGES:		
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Rick Coe	C: 386.527.3831 O: 386.740.3490		frederick.coe@dot.state.fl.us	
CONTRACT SUPPORT SPECIALIST (CSS)		Ernie Saltar	O: 386.740.3416		ernesto.saltar@dot.state.fl.us	
CONTRACTOR'S SENIOR PROJECT MANAGER:		Chris Sousa	C: 321.229.5074 O: 407.277.8410		chris.sousa@atlantic-civil.com	
CONTRACTOR'S PROJECT MANAGER:		Roosevelt Civil	C: 407.432.5487 O: 407.277.8410		roosevelt.civil@atlantic-civil.com	
CONTRACTOR'S SUPERINTENDENT:		Jason Millspaugh	C: 407.473.7161		jason.millspaugh@atlantic-civil.com	
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	C: 386.279.5504 O: 386.740.3594		paul.wabi@dot.state.fl.us	
SENIOR ROADWAY INSPECTOR:		Wayne Midcap	C: 407.758.7281		midcapjw@cdmsmith.com	
SENIOR BRIDGE INSPECTOR (if applicable):						
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		james.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Chris Sousa	C: 321.229.5074 O: 407.277.8410		chris.sousa@atlantic-civil.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:		Roosevelt Civil	C: 407.432.5487 O: 407.277.8410		roosevelt.civil@atlantic-civil.com	
MEETING SCHEDULE: Wednesday 9 a.m. on site						



Outside Consultant

In-House Construction

Maintenance

Project Status Report as of May 23, 2016

VOLUSIA						
SR 44 (S. Causeway) Left Turn Left Extension at S. Peninsula Avenue						
FIN #	238002-3-52-25					
CONTRACT #	E5Y18					
Pushbutton Contract						
PROJECT DESCRIPTION: Extending the eastbound left-turn lane from SR 44 (S. Causeway) to S. Peninsula Ave. across bridge over Callalisa Creek						
					TIME	COST
CONTRACTOR:	Leware Construction Company	LET DATE:	2/02/2016	ORIGINAL:	160	\$788,000.00
FED. AID #:		NTP:	4/4/2016	CURRENT:	160	\$788,000.00
FUND TYPE	TOPB	TIME BEGAN:	5/2/2016	ELAPSED:	14	\$73,733.00
DBE Achieved	0	WORK BEGAN:	5/2/2016	% ORIGINAL:	8.75%	9.36%
Current CFPR:	98	EST. COMPLETION:	10/08/2016	% TO DATE:	8.75%	9.36%
				LIQ. DAMAGES:		
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Glenn Raney	C:386.846.4862 O: 386.740.3524		michael.raney@dot.state.fl.us	
CONTRACT SUPPORT SPECIALIST (CSS)		Ernie Saltar	O: 386.740.3416		ernesto.saltar@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Bob Eison	O: 352.787.1616		beison@lewarecc.com	
CONTRACTOR'S SUPERINTENDENT:		Keith Prestage	C: 352.267.6293 O: 352.787.1616		kprestage@lewarecc.com	
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	C: 386.279.5504 O: 386.740.3594		paul.wabi@dot.state.fl.us	
SENIOR ROADWAY INSPECTOR:						
SENIOR BRIDGE INSPECTOR (if applicable):		Steve Hunt	C: 386.689.9507		shunt@pics-llc.com	
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		james.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Keith Prestage	c:352.267.6293 O: 352.787.1616		kprestage@lewarecc.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:						
MEETING SCHEDULE: Wednesday mornings on site						

VOLUSIA						
Installation of Mast Arms, US 92 at Midway Ave. & Adams Street						
FIN #	434883-1-52-01					
CONTRACT #	E5W86					
Construction						
PROJECT DESCRIPTION: Installation of mast arms at signalized intersections of US 92 at Midway Ave. & Adams Street						
					TIME	COST
CONTRACTOR:	Traffic Control Devices Inc.	LET DATE:	6/04/2015	ORIGINAL:	120	\$555,110.25
FED. AID #:		NTP:	3/8/2015	CURRENT:	126	\$584,110.25
FUND TYPE	Pay Item	TIME BEGAN:	3/14/2016	ELAPSED:	65	\$213,238.51
DBE Achieved	1.20%	WORK BEGAN:	3/21/2016	% ORIGINAL:	54.17%	38.41%
Current CPPR:	98	EST. COMPLETION:	7/19/2016	% TO DATE:	51.59%	36.51%
				LIQ. DAMAGES:		
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Ken Tomory	C: 386.804.9982 O: 386.740.3564		kenneth.tomory@dot.state.fl.us	
CONTRACT SUPPORT SPECIALIST (CSS)		Ernie Saltar	O: 386.740.3416		ernesto.saltar@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		April Andrews	C: 386.804.3611		aprilandrews@tcd-usa.com	
CONTRACTOR'S SUPERINTENDENT:		April Andrews	C: 386.804.3611		aprilandrews@tcd-usa.com	
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	C: 386.279.5504 O: 386.740.3594		paul.wabi@dot.state.fl.us	
SENIOR ROADWAY INSPECTOR:		Jeremy Ahamann	C: 407.516.8182		ahmannjm@cdsmith.com	
SENIOR BRIDGE INSPECTOR (if applicable):						
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		james.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		April Andrews	C: 386.804.3611		aprilandrews@tcd-usa.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:		April Andrews	C: 386.804.3611		aprilandrews@tcd-usa.com	
MEETING SCHEDULE:						



Outside Consultant

In-House Construction

Maintenance

Project Status Report as of May 23, 2016

VOLUSIA						
BRIDGES 790077, 790078 ON SR 9 (I-95) OVER TOMOKA RIVER						
FIN #	435282-1-52-01					
CONTRACT #	E5W83					
Pay Item Contract						
PROJECT DESCRIPTION: Installation of impressed current cathodic protection pile jackets						
					TIME	COST
CONTRACTOR:	Orion Marine Construction Inc	LET DATE:	4/07/2015	ORIGINAL:	240	\$2,750,720.60
FED. AID #:	N/A	NTP:	6/18/2015	CURRENT:	265	\$2,750,720.60
FUND TYPE	STA	TIME BEGAN:	8/17/2015	ELAPSED:	264	\$2,676,024.82
DBE Achieved	0.00%	WORK BEGAN:	8/17/2015	% ORIGINAL:	110.00%	97.28%
Current CPPR:	98	EST. COMPLETION:	5/06/2016	% TO DATE:	99.62%	97.28%
				LIQ. DAMAGES:	0	
Project final accepted on May 6, 2016						
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Glenn Raney	C:386.846.4862 O: 386.740.3524		michael.raney@dot.state.fl.us	
CONTRACT SUPPORT SPECIALIST (CSS)		Ernie Saltar	O: 386.740.3416		ernesto.saltar@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Gabe Wachter	C: 813.363.0183 O: 813.839.8441		gwachter@orionmarinegroup.com	
CONTRACTOR'S SUPERINTENDENT:		Jason Baldwin	C: 813.393.8211		jbaldwin@orionmarinegroup.com	
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	C: 386.279.5504 O: 386.740.3594		paul.wabi@dot.state.fl.us	
SENIOR INSPECTOR:		Gonzalo Silva	C: 321.437.6139		gsilva@targetengineering.com	
ADD'L SENIOR INSPECTOR						
MAINTENANCE CONTACT:		George Self	O: 407.448.0713		self@transfieldservices.com	
24 HR CONTRACTOR EMERGENCY CONTACT:		Dan Reed	C: 321.554.7640		dreed@orionmarinegroup.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:						
MEETING SCHEDULE: As needed at worksite						

VOLUSIA						
SR 9 (I-95) and SR 5 (US 1) Interchange Landscape Improvement						
FIN #	435469-1-52-01					
CONTRACT #	E5W92					
Lump Sum Contract						
PROJECT DESCRIPTION: Landscaping installation/improvements at the interchange						
					TIME	COST
CONTRACTOR:	Santa Cruz Construction Inc	LET DATE:	6/4/2015	ORIGINAL:	850	\$875,987.00
FED. AID #:	N/A	NTP:	8/19/2015	CURRENT:	872	\$875,987.00
FUND TYPE	MC	TIME BEGAN:	9/18/2015	ELAPSED:	266	\$684,129.73
DBE Achieved	0.00%	WORK BEGAN:	10/8/2015	% ORIGINAL:	31.29%	78.10%
Current CFPR:	84	EST. COMPLETION:	1/3/2018	% TO DATE:	30.50%	78.10%
				LIQ. DAMAGES:	0	
INSTALLATION COMPLETE						
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Glenn Raney	C:386.846.4862 O: 386.740.3524		michael.raney@dot.state.fl.us	
CONTRACT SUPPORT SPECIALIST (CSS)		Ernie Saltar	O: 386.740.3416		ernesto.saltar@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Paul Bonville	C: 321.508.7421		sccl@santacruzconstruction.com	
CONTRACTOR'S SUPERINTENDENT:		Paul Bonville	C: 321.508.7421		sccl@santacruzconstruction.com	
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	C: 386.279.5504 O: 386.740.3594		paul.wabi@dot.state.fl.us	
SENIOR INSPECTOR:		Michael Simmons	C: 386.473.8965		msimmons@pics-llc.com	
SENIOR BRIDGE INSPECTOR (if applicable):						
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		james.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Dacks Rodriguez	C: 321.508.7424		sccl@santacruzconstruction.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:						



Outside Consultant
In-House Construction
Maintenance

Project Status Report as of May 23, 2016

VOLUSIA						
SR 441 (S. Peninsula Drive) Pipe Lining and Repair						
FIN #	427986-1-72-10					
CONTRACT #	E5T55					
Maintenance Pay Item						
PROJECT DESCRIPTION: Desilt, video and line drainage pipes, repair concrete inlet caps, replace drainage pipe with reinforced concrete between US 92 and SR A1A						
					TIME	COST
CONTRACTOR:	Evans Contracting Services Inc.	LET DATE:	3/01/2016	ORIGINAL:	220	\$1,831,436.50
FED. AID #:		NTP:	5/10/2016	CURRENT:	220	\$1,831,436.50
FUND TYPE		TIME BEGAN:	5/24/2016	ELAPSED:	0	
DBE Achieved		WORK BEGAN:	5/23/2016	% ORIGINAL:		
Current CFPR:		EST. COMPLETION:	12/30/2016	% TO DATE:		
				LIQ. DAMAGES:		
WORK TO BEGIN LATE MAY						
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Ernie Saltar	O: 386.740.3416		ernesto.saltar@dot.state.fl.us	
CONTRACT SUPPORT SPECIALIST		Denise Druding	O: 386.740.3430		denise.druding@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Clint McKee	C: 904.485.0158		clint.evanscontracting@gmail.com	
CONTRACTOR'S SUPERINTENDENT:		Geoff Perry	C: 904.588.4302		geoffperry1955@gmail.com	
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	C: 386.279.5504 O: 386.740.3594		paul.wabi@dot.state.fl.us	
SENIOR ROADWAY INSPECTOR:		Mallie Hunt	C: 407.509.2042		mhunt@pics-llc.com	
SENIOR BRIDGE INSPECTOR (if applicable):						
MAINTENANCE CONTACT:		Rick Snow	O: 386.740.3414		rick.snow@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Geoff Perry	C: 904.588.4302		geoffperry1955@gmail.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:						
MEETING SCHEDULE:						

VOLUSIA						
SR A1A and 3rd Avenue Outfall Desilting						
FIN #	429179-1-72-02					
CONTRACT #	E5T56					
Maintenance Pay Item Contract						
PROJECT DESCRIPTION: Desilting and color video inspection of storm drain pipes and drainage structures on SR A1A, and desilting, lining and color video inspection of the 3rd Street outfall in Holly Hill.						
					TIME	COST
CONTRACTOR:	Evans Contracting Services	LET DATE:	10/6/2015	ORIGINAL:	180	\$332,730.00
FED. AID #:	N/A	NTP:	12/23/2015	CURRENT:	194	\$332,730.00
FUND TYPE		TIME BEGAN:	1/4/2016	ELAPSED:	133	\$300,362.10
DBE Achieved	0.00%	WORK BEGAN:	1/4/2016	% ORIGINAL:	73.89%	90.27%
Current CFPR:		EST. COMPLETION:	6/02/2016	% TO DATE:	68.56%	90.27%
				LIQ. DAMAGES:	0	
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Rick Coe	C: 386.527.3831 O: 386.740.3490		frederick.coe@dot.state.fl.us	
CONTRACT SUPPORT SPECIALIST		Ernie Saltar	O: 386.740.3416		ernesto.saltar@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Clint McKee	C: 904.485.0158		clint.evanscontracting@gmail.com	
CONTRACTOR'S SUPERINTENDENT:		Geoff Perry	C: 904.588.4302		geoffperry1955@gmail.com	
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	C: 386.279.5504 O: 386.740.3594		paul.wabi@dot.state.fl.us	
SENIOR INSPECTOR:		Mallie Hunt	C: 407.509.2042		mhunt@pics-llc.com	
SENIOR BRIDGE INSPECTOR (if applicable):						
MAINTENANCE CONTACT:		Rick Snow	O: 386.740.3414		rick.snow@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Geoff Perry	C: 904.588.4302		geoffperry1955@gmail.com	
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:						
MEETING SCHEDULE: Tuesdays 3 p.m. on site						



Outside Consultant
In-House Construction
Maintenance

Project Status Report as of May 23, 2016

VOLUSIA						
LANDSCAPE SR 472 AND 17/92 INTERCHANGE						
FIN #	434485-1-72-01					
CONTRACT #	E5T08					
Streamline Plan Quantity Contract						
PROJECT DESCRIPTION: Landscaping rehabilitation at the SR 472 and US 17/92 interchange						
					TIME	COST
CONTRACTOR:	Groundtek of Central Florida	LET DATE:	1/7/2014	ORIGINAL:	1,159	\$223,352.10
FED. AID #:	N/A	NTP:	4/24/2014	CURRENT:	1,168	\$223,352.10
FUND TYPE	STA	TIME BEGAN:	4/28/2014	ELAPSED:	721	\$201,008.25
DBE Achieved	0.00%	WORK BEGAN:	4/28/2014	% ORIGINAL:	62.21%	90.00%
Current CFPR:	93%	EST. COMPLETION:	7/9/2017	% TO DATE:	61.73%	90.00%
				LIQ. DAMAGES:	0	
CONTACT			PHONE		EMAIL	
PROJECT ADMINISTRATOR		Julian McKinley	O: 386.740.3422		julian.mckinley@dot.state.fl.us	
CONTRACT SUPPORT SPECIALIST		Ernie Saltar	O: 386.740.3416		ernesto.saltar@dot.state.fl.us	
CONTRACTOR'S PROJECT MANAGER:		Gregory Bori	O: 407.877.7473		gregory@groundtek.com	
CONTRACTOR'S SUPERINTENDENT:		Kevin Campbell	O: 407.877.7473		kevin@groundtek.com	
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	C: 386.279.5504 O: 386.740.3594		paul.wabi@dot.state.fl.us	
SENIOR INSPECTOR:		Julian McKinley	O: 386.740.3422		julian.mckinley@dot.state.fl.us	
SENIOR BRIDGE INSPECTOR (if applicable):						
MAINTENANCE CONTACT:		Jim Read	C: 386.801.5584 O: 386.740.3406		james.read@dot.state.fl.us	
24 HR CONTRACTOR EMERGENCY CONTACT:		Hector Colon	O: 407.355.0571			
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:						
MEETING SCHEDULE: As needed						



Outside Consultant

In-House Construction

Maintenance

PUSHBUTTON STATUS

COUNTY	SECTION	MP	STATE RD	LIMITS	PROJECT DESCRIPTION	EOR	DOT CONTACT/ DESIGNER	PROJECT PHASE	CONTRACT	WORK ORDER SENT	COMPLETE	CONTR.
Flagler	73030	3.914	A1A	S. 3rd St	Construct Bulb out and Relocate Flashing Beacon and Sign	TEDS	X	In Construction	5239 (E5Y13)	11/9/2015		TCD
Volusia	79030	1.192	US 1	SR 430 (Mason Ave)	Install 4-section Heads	STROZ	Ramy	In Design	-	-	-	-
Volusia	79040	13.995-14.076	15/800 US 17/92	University Av to Pennsylvania Av	Mid-Block Pedestrian Crossing			To be sent out	-	-	-	-
Volusia	79050	0.177	US 17	Old Daytona Road	Extend southbound left turn lane			To be sent out				
Volusia	79070	25.155	44	I-95 SB Off-Ramp to EB SR 44	Adding Loop	PENTON	Ray	On Hold				
Volusia	79070	28.727	44	Myrtle Ave	Extend WB Left Turn Lane	TBD			-	-	-	-
Volusia	79080	3.851-3.965	A1A	Hartford Ave.	Ped Crossing and Median Refuge	FDA	X	In Design - under second review	-	-	-	-
Volusia	79100	29.652	40	West of Orchard St.	Left Turn Lane	CAIRNS	Randy	Sent to work order	-	-	-	-
Volusia	79190	0.0-1.434	5A	US 1 to Spruce Creek Rd.	Ped Refuge Islands	TBD			-	-	-	-
Volusia	79230	0.730	421	Yorktowne Blvd	Left turn lane	TEDS	x	In Design - first review	-	-	-	-

MEETING SUMMARY
CAC & TCC
JUNE 21, 2016

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

E. VOLUSIA AND FLAGLER COUNTY CONSTRUCTION REPORTS

Background Information:

Staff from Volusia County Traffic Engineering and Flagler County Traffic Engineering will present an update on the county projects that are either under construction or close to being ready for construction. The Volusia County and Flagler County Construction Reports are provided for your information.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE

Volusia County Construction Report – MAY 2016*

Recently Completed within the last 6 months:

- 1) ECRRT Segment 3 Trail (SR 415 to Guise Rd.) w/Trail Head at SR 415
- 2) ECRRT - Segment 6 Trail (Cow Creek to Dale St.)
- 3) Rail Trail Bridge over SR 415
- 4) Rail Trail Bridge over SR 442
- 5) Enterprise Road Sidewalk (Saxon Blvd to Harley Strickland Blvd)
- 6) Spring to Spring Trail (Blue Springs Park to Detroit Terrace)

Under Construction or Advertised for Construction:

- 1) S. Williamson Blvd. Ext. (Pioneer Tr. to Airport Rd.) – Construction Underway
- 2) Howland Blvd. (Courtland Bl. to SR 415) – Construction Underway
- 3) Pioneer Trail Curve Realignment at Turnbull Bay Rd. – Construction Underway
- 4) Doyle Rd. (Courtland Bl. to SR 415) – Paved shoulders – Construction Underway
- 5) Atlantic Ave. Sidewalk (Major Ave. to Marcelle Ave.) – Construction Underway
- 6) Beville Road/Airport Business Park (Pelican Bay) signal (includes fire preemption)– Construction Underway
- 7) ECRRT – Segment 4B (Gobblers Lodge to Maytown Spur) – Design/Build - Construction starts Fall 2016
- 8) ECRRT (Brevard County Line to Cow Creek Rd.) – Design/Build - Construction starts Fall 2016
- 9) Veterans Memorial Bridge (Orange Ave.) – Under Construction
- 10) LPGA Blvd. (Jimmy Ann Dr. to Derbyshire) – Construction Bids under review
- 11) Turnbull Bay Bridge – Advertised for Construction

Near Construction Projects:

- 1) Spring to Spring Trail - Grand Ave. (Lemon St. to King St.) – Const funds FY 2015/2016
- 2) Doyle Road (Providence Blvd to Saxon Blvd) – Paved Shoulders (Funded FY 2015/16)

Design Projects:

- 1) Tenth St. (Myrtle to US 1) – Waiting for Railroad approvals.
- 2) ECRRT – Segment 4A (Guise Rd. to Gobblers Lodge) - ROW LAP funded 2013/14, Const. 2018/19
- 3) Spring to Spring - Segment 3A (SunRail Station to Detroit Terrace) – Design funded 2017/18
- 4) Orange Camp Rd. (MLK Blvd. to I-4) – Design 2016/17. Construction funded in FY 2018/2019
- 5) SR 44 & Kepler Road intersection improvements - On Hold (FDOT considering a roundabout)
- 6) Plymouth Ave. Sidewalk (from E. of Hazen Rd. to W. of SR 15A) – In ROW acquisition phase
- 7) Old New York Paved Shoulders (from Shell Rd. to SR 44) – Design funded 2017/18
- 8) Williamson Blvd four-laning (LPGA Blvd to Hand Ave) – Needs one ROW parcel

*Changes/Updates since last report are underlined.

Note: Dates are subject to change due to normal project development issues.
Please see Volusia County's road program at <http://www.volusia.org/publicworks/> for more information.

**FLAGLER COUNTY CONSTRUCTION REPORT
AS OF JUNE 2016**

Completed

- 1 Matanzas Woods Parkway Interchange at Interstate 95
- 2 Flagler County Sheriff's Operation Center
- 3 Varn Park Improvements
- 4 Replacement of Three Box Culverts along County Road 305
- 5 Roberts Road Bike/ Pedestrian Path
- 6 County Road 305 Bridge Replacement # 734086
- 7 Bunnell Elementary Trails
- 8 John Anderson Widening and Resurfacing
- 9 Palm Coast Parkway 6 Lining (Boulder Rock Drive to Florida Park Drive)
- 10 County Road 302 Resurfacing from County Road 305 to SR 100
- 11 Florida Agricultural Museum Improvements

Construction Phase or Advertised for Construction

- 1 Old Kings Road Extension Forest Grove Drive to Matanzas Parkway
- 2 Flagler County Jail Improvements (near completion)

Near Construction Phase

- 1 Old Kings Road South Widening and Resurfacing from SR 100 to Volusia County Line
- 2 County Road 2009 Design & Construction Resurfacing from County Road 305 to Lake Disston

Design Phase

- 1 County Road 13 - Widening and Resurfacing from County Road 205 to US 1
- 2 County Road 205 Design for Widening and Resurfacing from SR 100 to County Road 13
- 3 County Road 305 Widening and Resurfacing from bridge # 734006 to SR 100
- 4 County Road 305 Widening and Resurfacing from bridge # 734086 to 734084
- 5 Old Dixie Highway Widening and Resurfacing
- 6 Mahogany Blvd. Resurfacing
- 7 County Road 2006 Resurfacing
- 8 Old Kings Road Widening, Palm Coast Parkway to Forest Grove Drive
- 9 North Mala Compra Drainage Basin Improvements
- 10 Bay Drive Park

Other Projects awaiting agreement

- 1 County Road 304 Resurfacing from County Road 305 to SR5 (US1)
- 2 Durrance Lane from Shedd lane to Flagler County line
- 3 Old Haw Creek from County Road 304 to SR 11
- 4 Old Kings Road Box Culverts
- 5 Otis Stone from County Road 13 to US 1
- 6 Water Oak Road from County Road 2006 to Mahogany Blvd.
- 7 SR AIA Landscaping (re-advertised - for bidding)

MEETING SUMMARY
CAC & TCC
JUNE 21, 2016

VI. STAFF COMMENTS

- ® Update on the I-95 to SR 417 Connector Environmental Study
- ® Announcement of Draft Congestion Management Process for Review
- ® Update on Phase II of the US 17 Corridor Improvement Program (CIP)

VII. CAC/TCC MEMBER COMMENTS

VIII. INFORMATION ITEMS

- ® River to Sea TPO Board Meeting Summary for May 25, 2016
- ® May TPO Outreach and Events

IX. ADJOURNMENT

*****The next meetings of the CAC & TCC will be on August 16, 2016*****



**River to Sea TPO Board
May 25, 2016
Meeting Summary**

- Received public comment supporting the addition of aesthetics to the roundabout at SR 44 and Grand Avenue
- Pulled Item I, Technical Coordinating Committee (TCC) Report, from the Consent Agenda
- Approved the remaining consent agenda items including the approval of the April 27, 2016 TPO Board meeting minutes; approval of Resolution 2016-14 authorizing the execution of the Transportation Disadvantaged Trust Fund Grant Agreement for FY 2016/17 with the Commission for the Transportation Disadvantaged (CTD); approval of Resolution 2016-15 authorizing the filing of the grant application for FTA Section 5303(d) funds for FY 2016/17; and approval of Brent Milliken and Company as the River to Sea TPO auditor
- Approved a motion to send a letter from the TPO Board opposing the relocation of the Ritchey Green Truck Stop to Volusia County based on the recommendation from the Technical Coordinating Committee (TCC)
- Approved the following slate of officers for FY 2016/17:
 - Commissioner Marshall Shupe, Chairman
 - Council Member Deb Denys, 1st Vice Chairperson
 - Vice Mayor Lita Handy-Peters, 2nd Vice Chairperson
- Approved the FY 2016/17 River to Sea TPO budget
- Approved Resolution 2016-16 amending the Planning Funds (PL) Joint Participation Agreement (JPA) between the TPO and FDOT to terminate on June 30, 2016
- Approved Resolution 2016-17 adopting the Metropolitan Planning Organization Agreement between the TPO and FDOT taking effect on July 1, 2016
- Approved Resolution 2016-18 amending the FY 2015/16 – 2019/20 Transportation Improvement Program (TIP)

- Received a PowerPoint presentation on the roundabout at SR 44 and Grand Avenue and discussed the project
- Received a presentation on the draft FY 2016/17 to 2020/21 Transportation Improvement Program (TIP)
- Received a presentation on the draft Priority Project Lists
- Approved a motion to add the following three interchanges on I-95 to the Planning Studies Priority List: Pioneer Trail, LPGA and US 1
- Approved a motion to add the South Daytona quiet zones project to the Traffic Operations/Safety Priority List
- Received a PowerPoint presentation on the update to the draft Transportation Impact Analysis (TIA) Methodology and draft document
- Received a PowerPoint presentation on the update to the Transit Development Design Guidelines (TDDG) and draft report
- Received the FDOT report
- Received the Executive Director's report including an update on the repurposing of earmark funding; an update on the relocation of the truck stop/rest area on I-4; a status update on the CR/SR A1A Pedestrian Safety and Mobility Study report; an update on the Tell the TPO Survey; an update on current year set-aside funding; and an update on letters of TPO support for SunTrail project applications
- Approved a motion to provide a letter of support from the TPO for SunTrail applications

Items Requiring Follow Up:

- TPO Chairman to send letter on behalf of the TPO Board opposing the relocation of the Ritchey Green Truck Stop to Volusia County
- Draft letter of support for SunTrail project applications
- Executive Director to send a follow-up information to TPO Board members regarding the use of unspent earmark funding

The next River to Sea TPO Board meeting will be on Wednesday, June 22, 2016

TPO Outreach & Activities Completed in May 2016

1 Oak Hill Riverfest Bicycle Helmet Fitting

Date: Saturday, May 7, 2016

Location: Mary Dewees Park, Oak Hill

Description: TPO staff fitted and donated more than 65 bicycle helmets at this event

2 Promotion of the Tell the TPO Survey

Event: One Voice for Volusia Meeting

Date: Wednesday, May 11, 2016

Location: Volusia County Health Department

Description: TPO Staff and Kittelson & Associates presented the Tell the TPO Survey and encouraged participation

Event: Volusia County Farmers' Market

Date: Wednesday, May 25, 2016

Location: Volusia County Fairgrounds

Description: TPO consultant staff manned a booth at the Volusia County Fairgrounds and encouraged participation

3 US 17 Multimodal Corridor Planning Study Stakeholders Workshop

Date: Tuesday, May 17, 2016

Location: DeLand

Description: TPO Staff held a stakeholders workshop on Phase II of the US 17 Multimodal Corridor Planning Study

4 Presentation to ISC Track Presidents regarding the role of MPOs

Date: Wednesday, May 18, 2016

Location: Daytona Speedway, Daytona Beach

Description: TPO Staff gave a presentation on the role of MPOs and the importance of planning and partnering



June Events:

June 3 - Spring to Spring Trail Ribbon Cutting Event, Blue Spring State Park

June 4 - National Trails Day Celebration Helmet Fitting, Lake Beresford Park

June 13 - Bicycle Safety Awareness Program & Helmet Fitting, Indian River Elementary School

June 29 - Bicycle Safety Awareness Program & Helmet Fitting, Deltona Lakes Elementary School

June 22 - Public Hearings on the TPO's Priority Project Lists and FY 2016/17 - 2020/21 Transportation Improvement Program (TIP), River to Sea TPO

June 24 - Presentation to the Florida State ITE Conference on the SR A1A Pedestrian Safety & Mobility Study and connection between planning and engineering, Daytona Beach

Other Upcoming Events:

July 5 - Bicycle Safety Awareness Program & Helmet Fitting, Sugar Mill Elementary School

July 15 - Central Florida MPO Alliance (CFMPOA) Meeting, Hillsborough Community College

July 18 - MPOAC Meeting & Floridians for Better Transportation Summit, St. Petersburg Beach

Ongoing Projects & Studies:

- Annual Call for Projects and Project Prioritization
- SR A1A Pedestrian Safety & Mobility Study
- US 17/92 Phase II Corridor Improvement Program (CIP)
- US 1 and Park Avenue Turn Lane
- Traffic Impact Analysis (TIA) Methodology Update
- Update of the TPO's Public Participation Plan (PPP)
- Update of the TPO's Citizens Guide
- ITS Planning
- Tell the TPO Survey
- Sea Level Rise Vulnerability Assessment
- Congestion Management Process (CMP)
- Update of the FY 2016/17 - 2020/21 Transportation Improvement Program (TIP)
- Update to the Transportation Development Design Guidelines (TDDG)