



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, April 21, 2014
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

Mr. Gilles Blais, CAC Chairman

Ms. Heather Blanck, TCC Chairperson

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 FEBRUARY 17, 2015 CAC AND TCC MEETING MINUTES *(Contact: Pamela Blankenship) (Enclosure, CAC pages 3-10; TCC pages 11-17)*
 - B. REVIEW AND RECOMMEND APPROVAL OF US 17 PHASE II CORRIDOR IMPROVEMENT PROGRAM (CIP) TASK ORDER *(Contact: Robert Keeth) (Enclosure, pages 18-28)*
 - C. REVIEW AND RECOMMEND APPROVAL OF BELLE TERRE PARKWAY INTERSECTIONS STUDY TASK ORDER *(Contact: Robert Keeth) (Enclosure, pages 29-34)*
 - D. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2015-## AMENDING THE CORRIDOR IMPROVEMENT PROGRAM (CIP) LOCAL AREA PROGRAM (LAP) AND TRAFFIC OPERATIONS/ITS/SAFETY PROJECT FEASIBILITY STUDIES JOINT PARTICIPATION AGREEMENTS (JPAs) *(Contact: Robert Keeth) (Enclosure, page 3) (Resolutions provided under separate cover)*
- IV. ACTION ITEMS
 - A. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2015-## ADOPTING THE REGIONAL TRAILS CORRIDOR ASSESSMENT (RTCA) REPORT *(Contact: Stephan Harris/Jean Parlow) (Enclosure, pages 35-37)*

IV. ACTION ITEMS *(continued)*

- B. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2015-## AMENDING THE FY 2014/15 TO 2018/19 TRANSPORTATION IMPROVEMENT PROGRAM** *(Contact: Robert Keeth) (Enclosure, pages 38-54)*

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

- A. PRESENTATION ON SUNRAIL SERVICE** *(Contact: Lois Bollenback) (Enclosure, pages 55-66)*
- B. STATUS UPDATE ON THE SR 417 TO I-95 CONNECTOR STUDY** *(Contact: Lois Bollenback) (Enclosures, page 67)*
- C. PRESENTATION ON THE 2040 LONG RANGE TRANSPORTATION PLAN (LRTP) TREND AND MODIFIED LAND USE ALTERNATIVES** *(Contact: Jean Parlow) (Enclosure, page 68)*
- D. UPDATE ON THE TRANSIT DEVELOPMENT DESIGN GUIDELINES** *(Contact: Lois Bollenback) (Enclosures, pages 69-73)*
- E. FDOT REPORT** *(Contact: Gene Ferguson, FDOT District 5) (Enclosure, pages 74-80)*
- F. VOLUSIA AND FLAGLER COUNTY CONSTRUCTION REPORTS** *(Contact: Volusia & Flagler County Traffic Engineering) (Enclosure, pages 81-83)*

VI. STAFF COMMENTS *(Enclosure, page 84)*

→ Annual TPO Retreat

VII. CAC/TCC MEMBER COMMENTS *(Enclosure, page 84)*

VIII. INFORMATION ITEMS *(Enclosure, pages 84-88)*

- River to Sea TPO Board Meeting Summary
→ 2040 Long Range Transportation Plan (LRTP) Summaries

IX. ADJOURNMENT *(Enclosure, page 84)*

*****The next meetings of the CAC and TCC will be on Tuesday, May 19, 2015*****

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.

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

APRIL 21, 2015

III. CONSENT AGENDA

A. REVIEW AND APPROVAL OF FEBRUARY 17, 2015 CAC AND 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. REVIEW AND RECOMMEND APPROVAL OF US 17 PHASE II CORRIDOR IMPROVEMENT PROGRAM (CIP) STUDY TASK ORDER

Background Information:

Staff intends to issue a task order for the US 17 Phase II Corridor Improvement Program (CIP) Study to Tindale-Oliver, Inc. under an existing continuing services contract. In accordance with the TPO's Purchasing Manual, task orders greater than \$25,000 shall be approved by the TPO Board. The scope of work and cost proposal for this study are included for your review.

C. REVIEW AND RECOMMEND APPROVAL OF BELLE TERRE PARKWAY INTERSECTIONS STUDY TASK ORDER

Background Information:

Staff intends to issue a task order for the Belle Terre Boulevard/Parkway Intersection Study to GMB, Inc. under an existing continuing services contract. In accordance with the TPO's Purchasing Manual, task orders greater than \$25,000 shall be approved by the TPO Board. The scope of work and cost proposal for this study are included for your review.

D. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2015-## AMENDING THE CORRIDOR IMPROVEMENT PROGRAM (CIP) LOCAL AREA PROGRAM (LAP) AND TRAFFIC OPERATIONS/ITS/SAFETY PROJECT FEASIBILITY STUDIES JOINT PARTICIPATION AGREEMENTS (JPAs)

Background Information:

At the January 28, 2015 meeting, the TPO Board amended the FY 2014/15 – FY 2015/16 Unified Planning Work Program (UPWP) reallocating funds to cover the costs of three (3) proposed planning studies – the SR A1A Pedestrian Safety and Mobility Study, the US 17 Corridor Improvement Study-Phase II, and the Belle Terre Boulevard/Parkway Intersections Study. In order to use these funds, it is necessary to amend the associated LAP agreement and JPA.

ACTION REQUESTED:

MOTION TO APPROVE THE CONSENT AGENDA

**Citizens Advisory Committee (CAC)
Meeting Minutes
February 17, 2015**

CAC Members Present:

Charles Gardner
Donald Smart, Vice Chairman
Janet Deyette
Richard Belhumeur
Gilles Blais, Chairman
Nora Jane Gillespie
Bob Storke
Susan Elliott
Dan D'Antonio
Elizabeth Alicia Lendian
Rickey Mack
Gene Ferguson (non-voting advisor)
Melissa Winsett (non-voting)

CAC Members Absent:

Richard Gailey
Bliss Jamison
Bobby Ball (excused)
Joy Krom (excused)
Judy Craig
Don Parkinson (excused)
Bob Owens (excused)
Faith Alkhatib

Others Present:

Pamela Blankenship, Recording Secretary
Darren Vaught
Carole Hinkley
Robert Keeth
Stephan Harris
Jean Parlow
Lois Bollenback
Martha Moore
Amy Blaida
Ginger Hoke

Representing:

Bunnell
Daytona Beach
Deltona
Flagler Beach
Holly Hill
New Smyrna Beach
Orange City
Pierson
Volusia County
Volusia County
Votran
FDOT District 5
Volusia County Traffic Engineering

Representing:

DeBary
Edgewater
Port Orange
South Daytona
Volusia County
Volusia County
Flagler County Transit
Flagler County Traffic Engineering

Representing:

TPO Staff
TPO Staff
TPO Staff
TPO Staff
TPO Staff
TPO Staff
TPO Staff
Ghyabi & Associates
RS&H
Hoke Design

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

Chairman Gilles Blais called the meeting of the River to Sea Transportation Planning Organization (TPO) Citizens Advisory Committee (CAC) to order at 1:33 p.m. The roll was called and it was determined that a quorum was present.

Chairman Blais introduced Ms. Nora Jane Gillespie to the committee.

Chairman Blais requested the committee raise their nametags or announce their names when posing a question. He additionally requested committee members state their names when voting on a motion.

II. Press/Citizen Comments

There were no press or citizen comments.

III. Consent Agenda

A. Approval of January 20, 2015 CAC Meeting Minutes

MOTION: *A motion was made by Mr. Smart to approve the January 20, 2015 CAC meeting minutes. The motion was seconded by Ms. Elliott and carried unanimously.*

B. Review and Recommend Approval of the Belle Terre Parkway Intersections Study Task Order

Mr. Keeth stated that studies have been added to the work task load. The Belle Terre Parkway was requested by Palm Coast through the Priority Process. The UPWP and TIP have been amended to accommodate the changes. A draft of the Scope of Work and cost proposal has been prepared. The TPO Purchasing Manual requires this action be taken prior to seeking task approval on any project of more than \$25,000. The Belle Terre Parkway Intersections Study Task Order will receive \$84,000 including \$75,000 of federal funds and matching funds from Palm Coast.

MOTION: *A motion was made by Mr. Storke to recommend approval of the Belle Terre Parkway intersections study task order. The motion was seconded by Ms. Deyette and carried unanimously.*

IV. Action Items

A. Review and Recommend Approval of Resolution 2015-## Adjusting Local Agency Program (LAP) Agreement Amounts when the Difference between the LAP Agreement Amounts and Local Agency Contract Award Amounts are less than \$250,000

Mr. Keeth indicated Federal Highway Administration (FHWA) has informed the state that they must have a policy to adjust the amount of federal funds programmed for projects when the difference between the estimated amount and actual project cost is more than \$250,000. Mr. Keeth noted the State of Florida has worked with the Federal Highway Administration in developing a policy. The state has looked to the River to Sea TPO for a decision on the use of SU funds. That policy is included and it reflects the discussion from the last meeting. When the difference between a local government contract award and federal obligation is less than \$250,000 and 10%, then the TPO must consult with the local agency on a case-by-case basis to determine whether to adjust the LAP agreement amount and by what amount. The second circumstance, located on page two of the resolution, indicates when the difference between the amount is less than \$250,000 and more than 10%, the TPO in consultation with the local agency will determine how much below 10% of the contract award amount the LAP amount will be adjusted. The TPO is obligated to reduce the amount to within 10% of the local agency contract award amount. Consultation with local agencies would take place to determine their preference in handling.

MOTION: *A motion was made by Ms. Deyette to recommend approval of Resolution 2015-## adjusting local agency program (LAP) agreement amounts when the difference between the LAP agreement amounts and local agency contract award amounts are less than \$250,000. The motion was seconded by Mr. Belhumeur and carried unanimously.*

B. Review and Recommend Approval of Procedure and Criteria for Prioritizing Planning Studies

Mr. Keeth indicated that as discussed previously the Florida Department of Transportation (FDOT) has suggested the adoption of a priority list of planning studies be undertaken through the TPO. The general procedures, as discussed at the last meeting, are to have a written policy and criteria, as well as the project application. The criteria would include eight (8) terms and planning factors as prescribed by federal law. Three

additional factors would be included and they are: 1) is it necessary to identify a solution, 2) is the study best undertaken now, and 3) does it provide needed guidance for decision makers regarding future projects. The applications would be reviewed on a case-by-case basis when approaching the line between feasibility studies and comprehensive studies.

Mr. Belhumeur complimented staff on doing a very good job.

MOTION: *A motion was made by Mr. Belhumeur to recommend approval of the procedure and criteria for prioritizing planning studies. The motion was seconded by Mr. Smart and carried unanimously.*

C. Appointment of Transportation Improvement Program (TIP) Subcommittee Members

Mr. Keeth noted the role of the TIP Subcommittee and indicated they are to review applications for Priority Projects and evaluate and rank them using the adopted criteria. They are to also review the Call for Projects process and selection criteria used to develop the TPO's Project Priority lists. The current members for the committee are: Chairman Gilles Blais, Richard Belhumeur, Judy Craig, Bobby Ball and Melissa Winsett.

Mr. Belhumer indicated he would like to remain a member.

Ms. Lendian indicated she would like to volunteer as a member.

Ms. Winsett requested removal as a member due to staffing concerns.

Ms. Gillespie indicated she would like to volunteer as a member.

Mr. Storke requested the removal of Ms. Nicoulin as a member and the addition of himself as a member in her place.

Chairman Blais indicated he would like to volunteer as a member.

Ms. Elliott indicated Ms. Craig will want to remain on the committee.

MOTION: *A motion was made by Mr. Smart to recommend approval of the Appointment and Reappointment of the following Transportation Improvement Program (TIP) Subcommittee members: Chairman Gilles Blais, Richard Belhumeur, Elizabeth Lendian, Nora Jean Gillespie, Bob Storke, Judy Craig, and the removal of members Melissa Winsett and Colleen Nicoulin. The motion was seconded by Mr. Belhumeur and carried unanimously.*

V. Presentations, Status Reports, and Discussion Items

A. Presentation on the Draft Regional Trails Corridor Assessment (RTCA)

Ms. Ginger Hoke, Hoke Design, subconsultant to RS&H gave a PowerPoint presentation on the Regional Trails Corridor Assessment.

Ms. Elliott inquired into the US 17 trail project and the use of CR 3 as the connector.

Ms. Hoke indicated they could discuss it after the meeting.

Chairman Blais inquired about the wildlife signage at the animal crossings.

Ms. Hoke indicated the focus is not on looking at the design guidelines but the regional trail system.

Ms. Gillespie inquired into the Edgewater and New Smyrna Beach trails. She indicated New Smyrna Beach has concerns with using South Myrtle to connect to 10th Street. The rail crossing is waiting on approval. She noted

the area does not fit into rails and trails. She further noted that several New Smyrna Beach trails that are underway are not noted in the list of trails.

Ms. Hoke indicated if the trail alignment is set, the study did not cover it.

B. Presentation on the SR 417 to I-95 Connector Study

Ms. Bollenback stated committee members have information in the agenda packet regarding the study completed in 2002/03 which looked at the connection of I-95 to SR 417. The connection is from I-95 to SR 417 and is called the SR 417 Connector Extension Study. The study is returning for discussion because once the study was completed Congressman Mica set aside funding for follow up activity in the amount of \$800,000; the amount is now \$719,000. The original study determined if there was adequate demand, if the building methods were environmentally sensitive, the cost vs. revenue and if it was needed and supported. The findings of that study indicated there was support to move forward, the alignment could be developed and was environmentally sound. The study also showed there was enough traffic demand but it was not financially feasible.

Ms. Bollenback indicated the study was done through the Turnpike Enterprise and there was a huge gap between the estimated cost and estimated revenues. It was a short fall of between \$600 and \$780 million. The Turnpike would not move forward unless someone funded it; no one came forward. Congressman Mica set aside funds to update the study, yet many changes have occurred since the study was done including the widening of SR 417, the widening of I-4 and Restoration in Edgewater. An update of the study would produce different results than the previous one. Congressman Mica indicated the funds may go away as they are tied to the current transportation bill. It is uncertain if the funds would be rescinded, although Congressman Mica does think they will, and the funds would go into the larger general pot. The question now is this enough reason to warrant moving forward with a new study. The interest and support are present. She noted that the study is not an extension of SR 442 across the county to I-4. The last time it was taken up by the Volusia County Council was in 2006 where the vote supported moving forward. The council reversed its position weeks later and the last motion on record is not to move forward. The TPO is looking to the Volusia County Council to discuss and provide a determination of support. The TPO was asked by Deltona, as well as Congressman Mica's office, to discuss this.

Mr. Ferguson, Florida Department of Transportation (FDOT), reported he has asked FDOT to look at funding scenarios. This category of funds is High Priority Projects (HPP) and the funding has a tendency to survive from one bill to the next. This is a good case to do something as the money is available for use without objection from FDOT.

Ms. Bollenback indicated projects that span southeast Volusia County can be very expensive and the allocated \$719,000 doesn't go very far in transportation engineering. If a full preliminary design and environment (PD&E) study was done, \$5 million is more in line with the project breadth. A minimum feasibility study would probably cost twice as much. Ms. Bollenback noted there might be some kind of update that can be done but there might not be meaningful results. It is unknown if other entities would want to supplement the funding.

Ms. Gillespie indicated she is interested in the results of this study.

M. Belhumeur stated the only way across the area would be an expensive toll road.

Ms. Bollenback indicated that much like the expansion of I-4, tolled roads are becoming popular. South Brevard County, Deseret Ranch, on the level of Farmton, has no east/west corridor. There have been alignments like those that connect Jacksonville to Tampa starting with a wide arch; this is not like that. People from Edgewater and Deltona are interested in pursuing this study. Major capital projects that are part of the Strategic Intermodal System (SIS) will be tolled facilities now.

C. Presentation on the 2040 Long Range Transportation Plan (LRTP)

Ms. Martha Moore, Ghyabi & Associates, gave a PowerPoint presentation on the Alternative Land Use Scenario Framework.

Mr. D'Antonio asked if the map included the socioeconomic data or population from the Census.

Ms. Parlow indicated that it was the population data.

Ms. Moore noted the Make Your Mark series starts February 17 at the Conklin Center at 5:30 p.m. She stated information was provided in the agenda packets. All are welcome to attend any listed events.

D. FDOT Report

Mr. Ferguson gave the FDOT report.

Mr. Storke inquired if the I-4 project is expected to swap to the west bound lane.

Mr. Ferguson indicated crossovers have been started; the project has been delayed and is weather dependent.

Ms. Gillespie inquired into the turn lane project from US 1 on West Canal Street in New Smyrna Beach. There are three accesses coming in from I-95. One is a railroad alignment on 10th Street. The second is the turn lane on West Canal Street which only leaves the SR 44 overpass for beach access. Ms. Gillespie wanted assurances that work would not be done simultaneously on more than one of these accesses.

Mr. Ferguson indicated FDOT pays attention to that type of situation and would never close two interchanges adjacent to each other.

Mr. Ferguson noted FDOT is looking at opportunities for new Intelligent Transportation Systems (ITS) projects and there is an increased effort to make "more bang for the buck" traffic improvements. He reviewed some of the options for low-cost traffic improvements. The SR 40 corridor might be a good fit for low-cost improvements. The FDOT is looking for one project from each MPO for a total of five to be submitted. SR 40 may be a good one to submit. Mr. Ferguson noted that FDOT is seeking feedback.

Mr. Keeth stated this is on the priority list as two separate projects.

Chairman Blais inquired if the traffic lights will be reprogrammed for special activity events in Daytona Beach.

Mr. Ferguson indicated the FDOT always plans well in advance of events and intends to make access in and out as smooth as possible for all involved.

Chairman Blais inquired if the traffic patterns could be published in the newspaper.

Mr. Ferguson indicated he is not certain of the best way to communicate best routes. Extra staffing from the FDOT will be on hand to minimize crashes due to the influx of traffic from special event (Race Week). Mr. Ferguson announced he would share the recommendations with FDOT.

Ms. Deyette indicated when she commuted to Daytona Beach Community College (DBCC) sometimes motor home traffic was be bad; and, motorhomes would stay in intersections and at times block the route to the airport.

E. Volusia and Flagler County Construction Reports

Ms. Winsett gave the construction report for Volusia County. Ms. Winsett announced the East Central Florida Regional Rail Trail bridges over SR 415 and SR 442 are completed. The Veterans Memorial Bridge construction has been pushed back to 2015/16.

Chairman Blais indicated environmentalists are often seen at Veteran's Memorial Bridge on Orange Avenue counting wildlife.

Ms. Winsett indicated there has not been anything heard from the environmental groups as they worked with them to meet the needs for the federal project.

The Flagler County report was included in the agenda packet.

Mr. Gardner stated the Bunnell project, Flagler Central Commerce Parkway, is on the design list.

Mr. Storke indicated the Flagler County list is only for the county, not the city, but the project is moving forward. Mr. Tiblier, Bunnell, was spoken to and the contract for design has been issued with the project to begin shortly.

VI. Staff Comments

→ **SunRail Update**

Mr. Keeth indicated there is a concern that funding for SunRail Phase II was not in the President's budget; although it is there in a category termed Non-Rated Projects. The reports in the paper state the project might have to prove self before moving forward. Mr. Keeth noted they are optimistic the project will move forward. The county has made all the commitments to keep it on track.

→ **Annual TPO Retreat Summary**

Mr. Keeth indicated the TPO had their annual retreat and it went very well. The focus was on the development of a strategic plan recognizing there is a two year UPWP and LRTP for the long-term plans but there is a need for a mid-term plan. This idea was well-received by board members and others in attendance, and will be brought back for review and further development. Good feedback and direction was provided.

→ **Other Items**

Mr. Keeth noted in the Daytona Beach News-Journal there was an article dated February 15 that indicated the traffic fatalities in Volusia County are at an all-time low with four less than in 2013. Flagler County traffic fatalities have seen a substantial increase that went from 16 to 28 in one year. Mr. Keeth encouraged Flagler County members to look at potential projects that can help reduce fatalities and can be submitted through the TPO's priority process.

Mr. D'Antonio inquired what the interstate vs. surface street differentiation is.

Mr. Keeth indicated Florida Highway Patrol (FHP) mapped them and stated there are no obvious trends.

Mr. D'Antonio stated he thought there were more fatalities on the interstate.

Mr. Keeth indicated the numbers were from all over the county and included two bicyclists.

Ms. Lendian inquired if there were children involved.

Mr. Keeth stated he did not have that information.

VII. CAC Member Comments

Ms. Deyette inquired about the timing of the annual TPO retreat during tax season.

Ms. Lendian indicated the painting of the Saxon Boulevard median gives the road a nice appearance.

VIII. Information Items

- **River to Sea TPO Board Meeting Summary**
- **2040 Long Range Transportation Plan and Land Use Working Group Summary**
- **Executive Order 5520 – Transportation System Preparedness and Resilience to Climate Change and Extreme Weather Events**
- **Letter of Support for SunRail Phase II North**
- **Make Your Mark Session Flyer**

IX. Adjournment

There being no further business, the CAC meeting adjourned at 2:43 p.m.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

**GILLES BLAIS, CHAIRMAN
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 February 17, 2015 regular meeting of the Citizens' Advisory Committee (CAC), approved and duly signed this 21st day of April 2015.

**DARIEN VAUGHT, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION**

Technical Coordinating Committee (TCC)

Meeting Minutes

February 17, 2015

TCC Members Present:

Fernand Tiblier
Chris Walsh
Matt Boerger
Ron Paradise
Mike Holmes
Darren Lear
Tom Harowski
Gail Henrikson
Alison Stettner
Jose Papa
Jim Smith
Tim Burman
Clay Ervin, Vice Chairman
Les Gilles
Larry LaHue
Eric Kozielski
Melissa Winsett
Faith Alkhatib
Kevin Guthrie
Heather Blanck, Chairperson
Gene Ferguson (non-voting advisor)
Robert Keeth (non-voting)

TCC Members Absent

Pedro Leon (excused)
Stewart Cruz, Vice Chairman
Kent (K.C.) Cichon
Bob Owens (excused)
Mike Arman (excused)
Ric Goss
Roy Seiger

Others Present:

Pamela Blankenship, Recording Secretary
Darien Vaught
Lois Bollenback
Carole Hinkley
Stephan Harris
Martha Moore
Ginger Hoke
Amy Blaida

Representing:

Bunnell
Daytona Beach
DeBary
Deltona
DeLand
Edgewater
Holly Hill
New Smyrna Beach
Orange City
Palm Coast
Pierson
Port Orange
Ponce Inlet
South Daytona
V.C. Emergency Management
V.C. School District
V.C. Traffic Engineering
Flagler County Traffic Engineering
F.C. Emergency Management
Votran
FDOT District 5
TPO Staff

Representing:

Daytona Beach Int'l Airport
Daytona Beach Shores
Lake Helen
Flagler County Transit
Oak Hill
Ormond Beach
Flagler County Aviation

Representing:

TPO Staff
TPO Staff
TPO Staff
TPO Staff
TPO Staff
Ghyabi & Associates
Hoke Design
Reynolds, Smith & Hill

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 3:02 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 January 20, 2015 TCC Meeting Minutes

B. Review and Recommend Approval of the Belle Terre Parkway Intersections Study Task Order

MOTION: *A motion was made by Mr. Cheney to approve the January 20, 2015 TCC meeting minutes and pull item B: Review and recommend approval of the Belle Terre Parkway Intersections study task order. The motion was seconded by Ms. Stettner and carried unanimously.*

Mr. Cheney stated that the access management type of study does not fit the scope of work for the Belle Terre intersections study. He asked what exactly was being requested.

Mr. Keeth stated the area is a Palm Coast planned community where access is well controlled. It is more about identifying the ultimate design for the intersections and standardizing them.

Mr. Papa added that it is less about access management and more about optimizing the operations at the intersections.

Mr. Cheney stated that he would like the scope to explain that.

Mr. Papa noted that the scope was only received on Friday and that there is still an opportunity to edit the scope.

Mr. Cheney asked that the item be continued because GMB was recently purchased by Vanasse Hangen Brustlin, Inc. (VHB). He questioned whether VHB would accept the man hours that GMB put proposed.

MOTION: *A motion was made by Mr. Cheney to continue Consent Agenda item B: Review and recommend approval of the Belle Terre Parkway Intersections study task order. The motion was seconded by Mr. Paradise and carried unanimously.*

IV. Action Items

A. Review and Recommend Approval of Resolution 2015-## Adjusting Local Agency Program (LAP) Agreement Amounts when the Difference between the LAP Agreement Amounts and Local Agency Contract Award Amounts are less than \$250,000

Mr. Keeth stated that FHWA had asked the state to develop procedures and criteria for adjusting the amount of federal funding programmed on a project when the difference between the estimated amount and the actual project cost is more than \$250,000. The state worked with FHWA in developing a policy which says if the difference between the federal obligation and local government contract amount is more than \$250,000 then the amount of federal funding programmed on the project will be reduced to match the local agency contract amount. If the difference is below \$250,000 and is more than 10%, the amount of federal funding programmed on the project will be adjusted to within 10% of the local agency contract amount. If the difference is less than \$250,000 and less than 10%, no action is required. FDOT is seeking input from the TPO regarding what option is preferred when either of the latter two scenarios arise and SU funds are involved, and whether that will be the preferred option every time that scenario arises or if a preferred option is to be determined on a case-by-case basis. Last month, the committees agreed to address this on a case-by-case basis. When the difference between the federal obligation and the local agency contract award is less than \$250,000 and less than 10%, the TPO will consult with the local agency on a case-by-case basis to determine how much the federal obligation should be reduced. When the difference is less than \$250,000 and more than 10%, it will be handled

in the same way but the federal obligation will be reduced to within 10% of local agency contract award amount. TPO staff will consult with the local agencies to see what they prefer to do.

MOTION: *A motion was made by Mr. Cheney to recommend approval of Resolution 2015-## adjusting local agency program (LAP) agreement amounts when the difference between the LAP agreement amounts and local agency contract award amounts are less than \$250,000. The motion was seconded by Ms. Stettner and carried unanimously.*

B. Review and Recommend Approval of Procedure and Criteria for Prioritizing Planning Studies

Mr. Keeth stated that FDOT had suggested that the TPO adopt a priority list of planning studies that will be undertaken through the TPO or in concert with FDOT. The general procedures were discussed at the last meeting.

Mr. Lear asked how the city is expected to come up with an estimated study cost.

Mr. Keeth responded it would be the same way other costs are developed; look at comparable studies, outline the tasks and put a monetary value on them.

Mr. Walsh asked if there would be a numerical ranking for the studies.

Mr. Keeth noted that it would be an informal process and there would not be a numerical value placed on the applications.

Mr. Cheney stated that the TPO was providing the ranking criteria and asking the applicant to fill out an application summary but it seemed like the people that will be evaluating the applications will not be able to rank them because there are no answers to the criteria provided in the application. He suggested having two pages to the application so the applicant can provide answers to the criteria.

Mr. Keeth stated that the intent was to keep the application simple for the applicant. It becomes problematic when you assign values to studies that address a wide variety of different issues and scopes.

Mr. Cheney suggested that the remainder of the page be filled with a commentary or narrative of what the anticipated outcome will be or what the study will address.

Mr. Keeth stated that the application asks specifically for the purpose and need of the study.

Mr. Cheney recommended adding "try to answer some of the ranking criteria" after the commentary.

Mr. Smith asked about the criteria section which states that the study is necessary to identify a solution.

Mr. Keeth explained that if you know what the project will be then a study is not needed.

Discussion ensued.

Mr. Cheney stated that the application should be sent to the agencies who may want to apply. He added that he was fine with the form for this year.

MOTION: *A motion was made by Mr. Cheney to recommend approval of the procedure and criteria for prioritizing planning studies. The motion was seconded by Mr. Lear.*

Mr. Walsh asked what would happen if a project is submitted this year and the process is changed next year.

Mr. Keeth responded that staff has not addressed that yet but it needs to be considered before the next call for projects.

Mr. Smith stated that if there is a project that involves more than one agency you would want to attach letters of endorsement which would exceed one page.

Mr. Keeth stated that there is no match requirement for these studies and they may not necessarily result in a project. It will identify projects but then it will be up to the agency to apply for the development of the projects that come out of the study.

Chairperson Blanck asked if more than one page can be submitted.

Mr. Keeth stated that more than one page may be submitted.

Mr. Papa asked about the relationship of this type of study compared with a feasibility study. He asked if a feasibility study still might be needed after a planning study is completed.

Mr. Keeth stated that there is not a clear distinction between the two types of studies. A feasibility study is done when you expect a programmable project to come out of it. A planning study may not result in a project; they are more long-range in nature and more comprehensive.

AMENDED MOTION: An amended motion was made by Mr. Cheney to recommend approval of the procedure and criteria for prioritizing planning studies with the following changes: under the general instructions - process item #2 should read "...planning study requests will include the following..." (removing the words "be no more than one page"; item E will state "a page may include..." (removing the word "second" and "be added to..."). The amended motion was seconded by Mr. Lear and carried unanimously.

C. Appointment of Transportation Improvement Program (TIP) Subcommittee Members

Mr. Keeth stated that the following people were currently appointed to the TIP Subcommittee: Mr. Harowski, Mr. Paradise and Mr. Cheney.

The following TCC members volunteered for the TIP Subcommittee: Mr. Paradise, Mr. Cheney, Mr. Ervin, Chairperson Blanck, Mr. Walsh and Mr. Tiblier.

MOTION: A motion was made by Mr. Lear to appoint the following members to the TIP Subcommittee: Mr. Paradise, Mr. Cheney, Mr. Ervin, Chairperson Blanck, Mr. Walsh and Mr. Tiblier. The motion was seconded by Mr. Harowski and carried unanimously.

V. Presentations, Status Reports, and Discussion Items

A. Presentation on the Draft Regional Trails Corridor Assessment (RTCA)

Ms. Ginger Hoke, Hoke Design, subconsultant to RS&H, gave a PowerPoint presentation on the draft Regional Trails Corridor Assessment (RTCA).

B. Presentation on the SR 417 to I-95 Connector Study

Ms. Bollenback gave a presentation on the SR 417 to I-95 Connector study. She gave a history of the study and noted that it was coming back for discussion because once the initial study was completed, Congressman Mica set aside \$800,000 in funding for follow up activity. Many changes have occurred since the original study was completed. Congressman Mica has indicated that the money may go away because it is tied to the current transportation bill; it is not certain if it will be rescinded. The interest and support is present to warrant a new study. She noted that staff was looking for the Volusia County Council to discuss the study and provide a recommendation as to whether they support moving forward or not. The TPO was asked by Deltona and Congressman Mica's office to discuss this.

Mr. Smith asked how many miles the connection would be.

Ms. Bollenback noted that she was unsure but could find out; it would ultimately depend on the alignment.

Mr. Smith asked if the connection points had been determined.

Ms. Bollenback stated that they had. She reminded the members that there was \$719,000 available for the study which would not go very far. The FDOT estimate for a PD&E on this project is \$5 million.

Mr. Cheney stated that the connection is about 20 miles. In 2007, Seminole County used \$100,000 to look at the piece in their county and they came to the same conclusion as Volusia County. The Volusia County Council voted to take no official action other than to allow county staff to attend meetings and bring information back for discussion.

Ms. Stettner stated that there have been many changes to the conditions since the last time the study was completed. There has also been a loosening of finance rules and bonding policies since that time.

Ms. Bollenback noted that there has been an effort underway at the state level to look at future corridors. All major capital projects that are part of the strategic intermodal system (SIS) will now be tolled facilities.

Mr. Harowski stated that just because the money is there it did not mean it had to be spent.

Mr. Lear asked if the money would go away if another transportation bill was introduced.

Mr. Ferguson stated that the funding is in a High Priority Project (HPP) category. These are projects that tend to be larger and take a lot of time. This type of funding has a tendency to survive from one bill to next; however, there is no guarantee.

Mr. Cheney noted that Congressman Mica alluded to the fact that if the funding was not accepted then no federal funding will be earmarked in the future. He asked what the implications would be if the money was not used.

Mr. Ferguson responded that from a general planning perspective if there is not perceived to be a big enough need to use the funding the assumption is that no additional funding is needed.

Ms. Bollenback added that unless the Volusia County Council reverses their original action then no action will come before the TPO Board.

Mr. Cheney stated that two local jurisdictions do support the project and the Volusia County Council does not oppose the project. Everyone is looking to the county to do something but this is a FDOT road and FDOT should do the project. He asked if the county were to write a letter of support if FDOT would pick up the Congressman's earmark.

Mr. Ferguson stated that FDOT looks for the use of funds with respect to any project in the area to the TPO's Priority List. The project would need to appear on the TPO's Priority List as a study to be done and it would also need to be cost feasible.

Mr. Cheney suggested Deltona submit the study to the TPO for the Priority List.

C. Presentation on the 2040 Long Range Transportation Plan (LRTP)

Ms. Martha Moore, Ghyabi & Associates, gave a PowerPoint presentation on the 2040 LRTP Alternative Land Use Scenario Framework.

Ms. Moore announced that there would be a Make Your Mark session that evening at the Conklin Center at 5:30 p.m. She requested that the TCC members attend at least one of the Make Your Mark events.

D. FDOT Report

Mr. Ferguson gave the FDOT report.

E. Volusia and Flagler County Construction Reports

Mr. Cheney gave the Volusia County construction report.

Ms. Alkhatib gave the Flagler County construction report.

Mr. Keeth stated that Mr. Charles Gardner, CAC representative, had contacted him about the status of the SR 100 connector; it is going out for contract for the design work shortly. There is a federal earmark for some of the construction funding and the right-of-way will be donated.

VI. Staff Comments

→ **SunRail Update**

→ **Annual TPO Retreat Summary**

Mr. Keeth stated that there had been some concern that SunRail Phase II was not in the President's budget but it is; it is in a category termed "non-rated" projects. There have been reports in the newspaper that the project needs to prove itself but there are people working on it and he is optimistic that it will move forward.

Mr. Keeth stated that the TPO Retreat went very well. The focus was on the development of a strategic plan recognizing that the TPO has a two-year Unified Planning Work Program (UPWP) and a Long Range Transportation Plan (LRTP) for the long term; there is a need for a mid-term plan. The idea was well received and feedback and direction were provided.

Mr. Keeth noted that the Daytona Beach News-Journal recently ran a report on traffic fatalities in Flagler County and Volusia County. Fatalities were at an all-time low for Volusia County but Flagler County had a substantial increase; from 16 in 2013 up to 28 fatalities in 2014. Florida Highway Patrol stated that their preliminary review did not identify any specific causes or trends. He stated that the members should look at the accidents carefully and see if they can identify any projects could help prevent further accidents. The projects can be submitted through the priority process.

VII. TCC Member Comments

Mr. Ervin stated that there has been a discussion going on at the state level regarding the allowance of funds from Amendment 1 to be used for maintenance and upkeep of trails. There are many people not happy with that concept and so it may be a future discussion.

VIII. Information Items

→ **River to Sea TPO Board Meeting Summary**

→ **2040 Long Range Transportation Plan and Land Use Working Group Summary**

→ **Executive Order 5520 – Transportation System Preparedness and Resilience to Climate Change and Extreme Weather Events**

→ **Letter of Support for SunRail Phase II North**

→ **Make Your Mark Session Flyer**

IX. Adjournment

There being no further business, the TCC meeting adjourned at 4:14 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 February 17, 2015 regular meeting of the Technical Coordinating Committee (TCC), approved and duly signed this 21st day of April 2015.

**PAMELA BLANKENSHIP, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION**

River to Sea TPO

Scope of Services

US 17/SR 15

Multi-modal Corridor Planning Study – Phase II

April 10, 2015

**CORRIDOR IMPROVEMENT PROGRAM (CIP)
US 17/SR 15 MULTI-MODAL CORRIDOR PLANNING STUDY - PHASE II**

Scope of Services

Purpose: The purpose of the Phase II Study is to maintain and improve safety and mobility while creating a more secure and comfortable environment for all users of the US 17/92 (SR 15/600) and US 17 (SR 15) corridor (hereafter the US 17 corridor). The study will be undertaken in coordination with the Florida Department of Transportation (FDOT) and stakeholders located along the corridor. It will consider all modes of travel and will identify potential strategies and project improvements that improve safety and mobility along the corridor, while preserving and enhancing the scenic, aesthetic, historic, community and environmental features of the corridor.

The US 17 corridor is approximately 41 miles long and extends from the Seminole County line to the Putnam County line. It runs through the cities of DeBary, Orange City, DeLand, and Pierson as well as through unincorporated portions of Volusia County. For purposes of this study, the corridor includes adjacent and nearby land uses which are dependent on the roadway for access and exposure, and which directly influence the operational efficiency of the roadway.

Background and History: US 17 has been the subject of many studies and plans. The previously completed Corridor Improvement Program (CIP) Phase I: Assessment of US 17-92 (January 28, 2013) was primarily a data collection effort. It involved the compilation of studies, plans, and projects, and discussions with stakeholders to identify current goals and objectives for the corridor and potential issues and opportunities to address in this Phase II study. It identified 74 studies and plans and 109 projects currently relevant to the corridor. Representatives of R2CTPO, FDOT, Votran and Volusia County worked closely with the staff of local jurisdictions and various stakeholders along the corridor in this assessment process. Working together, a set of themes and guiding principles were developed that reflect the current desire and direction for US 17 from the standpoint of the communities that it serves.

The Phase I Assessment utilized these themes to help identify potential projects by themes and an interactive geographical information system (GIS) database was utilized to understand how these projects fit together, complement each other, or conflict with each other. Through Phase I, it was determined that adding through-travel lanes is desired in some areas, particularly in the north. In other areas the prevailing desire is to eliminate or modify the bi-directional turn lanes and include traffic calming or “Complete Street” improvements. Management of truck traffic was identified as a major concern from DeLand to the north into Pierson. It was also determined that there is widespread interest in modifying US 17 to function as a Complete Street, with improved bicycle, pedestrian and transit mobility. A common theme identified by study was the need to coordinate planning and construction of transportation improvements so that local efforts for redevelopment, economic development, and development of multi-modal facilities will be incorporated into state and federal efforts to improve travel in the corridor.

Study Objective: The intent of Phase II of the US 17 Corridor Improvement Study is to build on the results of Phase I to develop a set of recommendations intended to improve safety and mobility. Phase II will help to determine the most effective way to have US 17 serve all users and modes of transportation along the corridor, and across the corridor. Phase II will help to ensure that transportation investments best position FDOT to address local government challenges in incorporating livability and sustainability as critical considerations in transportation planning and decision-making.

“Livability” is about tying the quality and location of transportation facilities to broader opportunities such as access to good jobs, affordable housing, quality schools, and safe streets. “Sustainability” refers to balanced decision-making among environmental, economic, and social values ensuring that actions taken today will meet the needs of the present without compromising the ability of future generations to meet their own needs. “Community Districts” and “Character Districts and Gaps” will be defined along the corridor, which will be the basis for how bikes, pedestrians, transit and auto mobility should be considered and balanced into a cohesive multimodal transportation system. These districts will represent the existing and future land use context, community character and future desired role of the roadway right-of-way from the perspective of the communities and stakeholders. The study will also include the most current FDOT design practices for context sensitive transportation planning.

Activities will include:

- Describing the regional vision for all modes of transportation and mobility;
- Defining this vision and how it relates and supports local community livability and economic development goals and needs (through community corridor character districts);
- Collecting appropriate additional data as budgeted in the scope of services to support safety, operational and accessibility improvements to achieve the vision within the corridor character districts;
- Identifying specific action items (program, policy, or infrastructure) to implement the vision.

TASK 1. Public Engagement Program:

The primary purpose of this phase of the corridor study is to promote broad-reaching, critical review, engagement of stakeholders and members of the general public in the discussion of transportation improvements, and to achieve a higher degree of interest in and understanding of these options for more meaningful and informed decision making. Considerations will include, as a minimum, community visions, aesthetics, impacts to adjoining properties and land uses, economic development potential, perception of traffic level-of-service, and safety. The following process will be used to develop the vision and solicit public involvement/engagement.

- 1) Phase II Summary Communication – The Consultant Team will develop a written summary introducing the US 17 Corridor Study CIP Phase II, and its proposed scope and schedule. This summary will be included as part of a letter that the R2CTPO and FDOT can send to key stakeholders, including the local jurisdictions’ city commissions and councils. The letter will inform the partners about the forthcoming work, outline the opportunities for public involvement, and explain the opportunities and level of participation that is anticipated from the stakeholders.
- 2) Identify key stakeholders and conduct key stakeholder interviews – The Consultant in with coordination with the TPO staff will identify representatives from local governments, the business community, residents, advocacy groups, the disabled community and others. A total of 15 key stakeholders will be interviewed and highlights of interviews will be summarized.
- 3) Project Kick-off Meeting – The Project Kick-off Meeting will occur after completion of Task 2, Collect, Review and Analyze Data and will include local government technical staff, TPO staff and FDOT staff. Using the Summary Memorandums from Tasks 1 and 2, the Consultant will prepare an agenda and presentation for use at the Kick-off meeting. It is anticipated that part of the Kick-off Meeting will include a series of interactive questions for Kick-off Meeting participants to answer. The Consultant will summarize salient points of discussion resulting from the Kick-off Meeting
- 4) Public Workshops – Two public workshops are included in this work effort. The first public workshop will occur at the end of Task 3. The second public workshop will occur at the end of Task 4



- 5) R2CTPO Board meetings – The Consultant will prepare for and attend two rounds of TPO Board meetings during this project which will occur during Tasks 4 and 5.
- 6) R2CTPO Committee meetings - The Consultant will prepare materials for two rounds of TPO Committee meetings during this project which will occur during Tasks 4 and 5. The TPO staff will present at these meetings.
- 7) R2CTPO staff and consultant meetings – During the conduct of the project the Consultant will facilitate 4 conference calls or Go To meetings and 2 in person staff review meetings.

For each of the above type meetings, the CONSULTANT shall prepare and/or provide the meeting agenda and handouts, sign-in sheets, presentation materials, equipment and graphics, news releases and meeting notices. Summary notes of meetings will be provided to the R2CTPO no later than 5 business days after the meeting along with a debriefing of the event.

Deliverables:

- Phase II Summary Communication
- List of Key Stakeholders (including contact information)
- Highlights of Key Stakeholder Interviews
- Project Kickoff Meeting
- Two Public Workshops
- Two TPO Board Meetings
- Support to TPO Staff for two rounds of TPO Committee meetings
- Staff and Consultant meetings including 4 conference calls or Go To meetings; and 2 in person staff review meetings.

TASK 2. Collect, Review and Analyze Data:

The Consultant will review and analyze transportation and land use data collected from US 17 Phase I study and all readily available sources including, but not limited to, Volusia County Public Works, FDOT, R2CTPO, East Central Florida Regional Planning Council (ECFRPC), Votran, SunRail, local jurisdictions and other entities. Data will be sourced from existing agency resources except where noted. In addition to the US 17 Corridor, data for *subtask 1) through 4)* may include information for SR 15A from its southern connection with US 17 to its northern connection to US 17.

- 1) Automobile
 - a) Traffic Data - Obtain, analyze and summarize existing traffic volumes, CFRPM future year model volumes, corridor growth rates, HERE data as provided by FDOT D5 staff for the study corridor, Census Longitudinal Employer data, travel patterns both internally within the corridor and externally outside of the corridor and level of service. With this information, conclusions on home-based work trips along the Corridor and external trips into and out of the corridor can be documented within the reasonableness of the available data.
 - b) Turning Movement Counts - Conduct turning movement counts, including bicycle counts, for 5 intersections - 4 Hours each with times and locations to be determined, including data reduction and summary.
 - c) Crash Data - Review and analyze readily available crash data on US 17 for the latest available period of 3



years to identify near-term and long-term safety improvement strategies. This analysis shall consider bicycle and pedestrian crashes, the number and type of accidents, time of occurrence and location, weather and other environmental conditions, number of fatalities and serious injuries, and corridor locations where crash types are over-represented including Florida Strategic Highway Safety Plan Emphasis areas and associated potential countermeasure solutions. Where possible, the Consultant will identify causal factors and recommend potential corrective measures.

- 2) Transit Service and Usage
 - a) Existing Activity and Facilities – Obtain, analyze and summarize boarding and ridership information and other available data from Votran and SunRail.
 - b) Future Activity - Obtain, analyze and summarize future ridership, planned routes, and other transit information from Votran and SunRail, as well as any pertinent and available information from the Volusia Connector Transit Study.
- 3) Bicycling & Pedestrian Use
 - a) Existing Activity and Facilities - Obtain, analyze and summarize bike rack capacity and use data and passenger boarding and alighting data from Votran and SunRail.
 - b) Bicycle and Pedestrian Counts - For selected locations, conduct bicycle and pedestrian counts (4 locations, 6 hours each and not included in task 2 1) b,), including data reduction and summarize results.
 - c) Future Activity - Identify areas of potentially high pedestrian and bicycling activity based on anticipated future land uses, stakeholder interviews, survey kickoff meeting question and survey to mailing list and development patterns expected to generate such activity.
- 4) Land Use
 - a) Prepare corridor summary of existing land use, zoning, local visions & plans, approved and permitted development, Environmental Justice Report on a series of standard corridor maps using the TPO provided base layer information. For the purposes of these maps, Over Project Location Map Scale shall be 1" = 2,400 feet and Corridor Conditions Maps shall be 1" = 400 feet.
- 5) Summary Memorandum
 - a) Prepare Summary Memorandum of above tasks
 - b) Conduct Project Kick-off Meeting (budgeted in Task 1.3)

Deliverables:

- Aerial Photography and Corridor Conditions Maps
- Summary Memorandum
- Project Kick-off Meeting

TASK 3. Define Corridor Context/ Character Districts, Purpose, Needs, Goals and Objectives:

This task will be conducted concurrently with Task 2 and will include the following sub-tasks:

- 1) Define Preliminary Corridor Character Districts – Using information from the Phase I Study, local government adopted Comprehensive Plans and the Stakeholder Interviews conducted as part of Task 1.2, the Consultant will map the existing land use and the collective future desired character of the US 17 corridor. The Consultant will define preliminary major corridor character districts throughout the corridor. These districts will be the basis for establishing future roadway design elements and characteristics. It is anticipated that the type of districts will closely resemble the districts established as part of the US-1 CIP. However, unique

considerations may lead to variations of that effort. Preliminary Corridor Character Districts will be reviewed at the Staff Meeting (budgeted in Task 1.7).

- 2) Define Corridor Character Districts Purpose and Function – Based on the preliminary corridor character districts the Consultant will establish preliminary corridor segment purpose and function. These will be reviewed at the Staff Meeting (budgeted in Task 1.7).
- 3) Develop Evaluation Criteria for Alternatives Analysis – The Consultant will develop evaluation criteria. These criteria will include both qualitative and quantitative measures, which will be applied to evaluate the range of alternatives identified in Task 5. The evaluation criteria should be consistent with criteria established for projects prioritized through the R2CTPO planning processes and the long range transportation planning effort. They may also be tailored to the specific needs of the project. Although the detailed evaluation criteria will be tailored to the data and input received, it is anticipated that the following topics will be considered for inclusion in the Evaluation Criteria:
 - Consistency/support for local economic development goals
 - Consistency with local and regional plans
 - Ability to serve local travel needs
 - Ability to serve regional travel needs
 - Potential to improve multi-modal safety
 - Planning level cost estimates
 - Potential for socio-economic impacts and benefits
 - Transportation impacts and benefits for all modes identified in the purpose and need
 - Potential for environmental impacts and benefits
 - Level of multi-modal access to key destinations
 - Potential land use impacts and benefits (potential relocations)
 - Ability to implement solution in reasonable time frame
- 4) Staff Review Meeting – The Consultant will facilitate an extended meeting to review summary information and graphics developed from the above tasks with the TPO staff. Direction from this meeting will be used to produce the Summary Memorandum.
- 5) Summary Memorandum – The Consultant will prepare a Summary Memorandum based on the above work efforts.

Deliverables:

- Preliminary Corridor Context/Character Districts
- Preliminary Corridor Character District Purpose and Function
- Evaluation Criteria
- Staff Review Meeting
- Summary Memorandum

TASK 4. Develop and Evaluate Alternatives to Improve Mobility and Safety

The Task 4 work effort includes the following sub-tasks as discussed below:

- 1) Develop Draft Project Alternatives – Based on the corridor/context character districts, corridor needs, desires of the stakeholders, and utilizing the data collected and analyzed in Tasks 2 and 3, the Consultant will develop project alternatives to improve the multi-modal mobility, accessibility and safety of US 17. The development of the alternatives will consider the desires of the community and stakeholders in order to satisfy the

requirements of the FDOT's policies regarding Context Sensitive Solutions, Complete Streets, and Transportation Design for Livable Communities (Plans Preparation Manual (PPM) Chapter 21). The Consultant will develop four typical cross sections and at least six (6) project alternatives from the various types of projects identified below.

- a) Four (4) typical sections for US 17 – These will include typical sections that meet the needs of all the modes using US 17, typical sections that may result in minimizing right of way and construction costs as well as design efforts, or those proposed in light of the Department's policy on Transportation Design for Livable Communities (PPM Chapter 21). The Consultant will prescribe appropriate design parameters for each typical section noting where exceptions to applicable design standards may be warranted. As a minimum, parameters should address design speed, lane width, sidewalk width, and shoulder width.
 - b) Up to six (6) sketch level geometric improvements – These will be to intersections along corridor and/or parallel facilities, designed to improve network safety, mobility and connectivity. The Consultant will overlay sketch level improvements on the aerial base maps. These sketch level improvements will be based on the best available information and will illustrate potential improvements, but are not design level drawings. Four will be short term improvements (less than 5 years) and two could be long term improvements (greater than 5 years) consistent with the 2040 Long Range Transportation Plan;
 - c) Up to six (6) operational improvements – These improvements may include signal system modifications and communication/monitoring tools which could be integrated as part of sketch level geometric improvements;
 - d) Up to five (5) pedestrian and bicycle access improvements – These improvements could include new and/or improvements to existing sidewalk and bicycle facilities, especially those providing accessibility to transit routes, schools and community facilities. These improvements could be integrated as part of sketch level geometric improvements and/or operational improvements; and
 - e) Up to four (4) transit system improvements – These improvements could be for either enhancements to existing transit services (bus shelters, frequency, hours, days of operations and other service enhancements) as well as new services (new routes and types of services, including premium service, connectivity to Park n Ride lots, SunRail and service to other targeted areas).
- 2) Evaluation of Project Improvements and Review Meetings – This work effort will include the review and evaluation of the projects from Subtask 1 above.
- a) Planning Level Evaluation – This high level screening evaluation will identify project feasibility, costs, impacts and benefits of each proposed project from Subtask 1 above. A decision matrix will be developed using project information as defined in Subtask 1, the feasibility, costs, impacts and benefits of each proposed project defined in this work effort, and the agreed upon evaluation criteria from Task 3 to develop a ranking of proposed projects. In as much as practical, the ranking of projects will in an easy to understand and clearly defined point system to rank the proposed projects.
 - b) Public Workshop Number 1 – This workshop will include the TPO, FDOT and local government technical staffs. The goal of this Workshop is to review the Planning Level Evaluation of projects and to either accept project rankings or make adjustments to the ranking of proposed projects. Results of this workshop will be summarized and presented to the TPO Board and its Committees.
 - c) TPO Board and Committee Meetings – A presentation will be developed to summarize the work efforts of the first 4 tasks, with emphasis on reviewing the proposed projects including their evaluation and ranking. The goal of this presentation will be to seek Board and Committee input on the proposed projects and whether they should move forward to be included in the Final Report which will also include the Action Plan, Responsibility and Timeline for Project Funding and Implementation.

Deliverables:

- Typical Sections and Project Improvements (geometric, operational, bicycle and pedestrian and transit)
- Planning Level Evaluation of Potential Projects
- Public Workshop Number 1
- TPO Board and Committee Meetings

TASK 5. Prepare Final Report

The development of the study Final Report includes the following sub-tasks:

- 1) Prepare Draft Summary Report – The Consultant will assimilate the work products from Tasks 1 to 4 to produce a Draft Summary Report. The Draft Summary Report will also incorporate direction received from the TPO Board and Committees from the Task 4 presentations.
- 2) Develop Action Plan, Responsibility and Timeline for Project Funding Implementation – The Consultant will develop a draft Action Plan that outlines the actions to be taken, the responsible parties, and the timeline for actions to be implemented.
- 3) Public Workshop Number 2 – The Draft Summary Report and Action Plan will be presented to the TPO, FDOT and local government technical staffs through a presentation and the use of real time digital polling of project recommendations and implementation actions necessary to move projects toward implementation. Additionally, any Consultant questions on participant comments received on the Draft Summary Report and Action Plan prior to the meeting workshop will be discussed after the presentation by the Consultant. The goal of this Workshop is to obtain consensus of participants on the Draft Summary Report project recommendations and implementation actions. The Summary Report and Action Plan, and results of this workshop will be summarized for presentation to the TPO Board and its Committees.
- 4) TPO Board and Committee Meetings – The previous presentation to the TPO Board and Committees will be updated to reflect the recommendations from the Public Workshop conducted in Task 4. The goal of this presentation will be to seek Board and Committee approval of the Summary Report and Action Plan. The Consultant will make one final set of edits to the Summary Report and Action Plan based on comments received from the TPO Board and its Committees.

Deliverables:

- Draft Summary Report
- Draft Action Plan
- Public Workshop Number 2
- TPO Board and Committee Meetings
- Final Summary Report and Action Plan

Task 6. Miscellaneous Services

The Miscellaneous Services task includes 3 sub-tasks as defined below.

- 1) Contract, Project Files and Schedule – Project Management efforts for complete setup and maintenance, developing monthly progress reports, schedule updates, work effort to develop and execute sub-Consultant



agreements etc. Progress reports shall be delivered to the Project Manager in a format as prescribed by the R2CTPO and no less than 10 days prior to submission of the corresponding invoice. Judgment on whether work of sufficient quality and quantity has been accomplished will be made by the Project Manager by comparing the reported percent complete against actual work accomplished.

- 2) Project Schedule and Payout Curve – Within ten (10) days after the Notice to Proceed, the Consultant shall provide a schedule of calendar deadlines accompanied by an anticipated payout curve. Said schedule and anticipated payout curve shall be prepared in a format prescribed by the R2CTPO.
- 3) Additional Services Contingency – The budget for this project includes a \$7,000 contingency for unforeseen meetings, additional analysis and expanded project recommendations. Upon request by the TPO Project Manager for additional services, the Consultant will prepare a task scope and budget for review and approval by the TPO Project Manager. Upon receiving approval from the TPO Project Manager, the Consultant will proceed with the requested work effort.

ATTACHMENT A
R2C Transportation Planning Organization
TASK ORDER NO. _____
US17/SR 15 Multi-modal Corridor Planning Study - Phase II
BUDGET

Bob WT James F Ginger Steve I Evan Veronica Juan B Chris K Judy

TASK #	SUBTASK DESCRIPTION	Senior Project Manager	Senior Engineer	Engineer	Senior Planner	Project Planner	Urban Planner	Landscape Architect	Development Manager	GIS Analyst	Admin /Clerical	TOTAL TASK HOURS	TOTAL COST/TASK
		\$ 222.85	\$ 171.40	\$ 98.92	\$ 165.13	\$ 96.77	\$ 103.93	\$ 77.56	\$ 153.57	\$ 75.92	\$ 68.35		
Task 1	Public Engagement Program	44	0	0	53	0	14	0	0	23	20	154	\$ 23,125
1.1	Phase II Summary Communication	1			1		4			2	2	10	\$ 1,092
1.2	Identify and Interview 15 Key Stakeholders (Bob and Ginger)	12			12					0	8	32	\$ 5,203
1.3	Project Kickoff Meeting and meeting summary (Ginger)	1			6					3	2	12	\$ 1,578
1.4	Public Workshops (2) and meeting summaries (Bob and Ginger)	10			12		4			6	2	34	\$ 5,218
1.5	TPO Board Meetings and summary of meetings (2) (Ginger)	6			6		4			6	2	24	\$ 3,336
1.6	TCC and CAC Meetings (2) (TO prepares presentation and TPO Staff attends these meetings) and summary of meetings				2		2			6	2	12	\$ 1,130
1.7	Conference calls/go to meetings (4) and TPO staff review meetings (2)	14			14						2	30	\$ 5,568
												0	
Task 2	Collect, Review & Analyze Data	8	9	49	9	72	30	0	0	44	77	298	\$28,347
2.1	Automobile											0	\$ -
2.1.1	Obtain, analyze and summarize existing traffic volumes, CFRPM future year model volumes, corridor growth rates, HERE data as provided by FDOT D5 staff for the study corridor, Census Longitudinal Employer data, travel patterns and level of service	2	4	12		48	12			16	1	95	\$ 9,493
2.1.2	Conduct turning movement counts, including bicycle counts, for 5 intersections - 4 Hours each with times and locations to be determined, including data reduction and summary	1	1	3							35	40	\$ 3,083
2.1.3	Obtain & analyze available crash data along corridor (3 years); includes bike and ped, fatalities, serious injuries and over represented crash type analysis with potential countermeasure solutions	1	2	32						8	2	45	\$ 4,475
2.2	Obtain and review Transit Service & Usage											0	\$ -
2.2.1	Obtain and review boarding and ridership information from Votran	1			2	8				4	1	16	\$ 1,699
2.2.2	Obtain and review ridership projections, planned routes, and other future conditions information from Votran and SunRail	1			2	8				4	1	16	\$ 1,699
2.3	Bicycling & Pedestrian Use											0	\$ -
2.3.1	Conduct bicycle and pedestrian counts (6 hours each of 4 locations not included in task 2.1.2), including data reduction and summarize results.		1	2							32	35	\$ 2,556
2.3.2	Identify areas of potentially high pedestrian & bicycling activity (stakeholder interviews, survey kickoff meeting question and survey to mailing list)		1		2	6				4		13	\$ 1,386
2.4	Land Use											0	\$ -
2.4.1	Corridor summary of existing land use, zoning, local visions & plans, & socio-economic characteristics on corridor maps and from Phase I Report	1			1		12			2	1	17	\$ 1,855
2.5	Prepare Summary Memorandum of above tasks	1			2	2	6			6	4	21	\$ 2,099
2.6	Project Kickoff Meeting (budgeted in Task 1.3)											0	\$ -
												0	\$ -
Task 3	Define Corridor Context/Character Districts, Purpose, Needs, Goals & Objectives and Evaluation Criteria	8	0	0	12	6	32	0	0	20	8	86	\$ 9,736
3.1	Develop preliminary Corridor Context/Character Districts; preliminary corridor segment purpose, needs, goals, and objectives; and Evaluation Criteria. Summarize this information for TPO Staff Meeting	2			4	6	20			12	2	46	\$ 4,813
3.2	TPO staff meeting 1 (budgeted in Task 1.7) to review summary information from Task 3.1 This will be a half day meeting.	6			6		6			2	4	24	\$ 3,377
3.3	Prepare Summary Memorandum				2		6			6	2	16	\$ 1,546

ATTACHMENT A
R2C Transportation Planning Organization
TASK ORDER NO. _____
US17/SR 15 Multi-modal Corridor Planning Study - Phase II
BUDGET

Bob WT James F Ginger Steve I Evan Veronica Juan B Chris K Judy

TASK #	SUBTASK DESCRIPTION	Senior Project Manager	Senior Engineer	Engineer	Senior Planner	Project Planner	Urban Planner	Landscape Architect	Development Manager	GIS Analyst	Admin /Clerical	TOTAL TASK HOURS	TOTAL COST/TASK
		\$ 222.85	\$ 171.40	\$ 98.92	\$ 165.13	\$ 96.77	\$ 103.93	\$ 77.56	\$ 153.57	\$ 75.92	\$ 68.35		
Task 4	Develop & Evaluate Alternatives to Improve Mobility & Safety	8	28	149	7	0	24	12	0	44	0	272	\$ 29,243
4.1	Develop Draft Alternatives											0	\$ -
4.1.1	develop typical sections (4)	1	4	16				12				33	\$ 3,422
4.1.2	prepare sketch-level geometric improvements (6)	3	9	30						18		60	\$ 6,545
4.1.3	describe operational improvements (6)	1	6	30						4		41	\$ 4,523
4.1.4	describe pedestrian and bike access improvements (5)	1	5	25	3					4		38	\$ 4,352
4.1.5	describe transit improvements (4)	1			4		24			12		41	\$ 4,289
4.2	Conduct Planning-Level Screening of Alternatives												\$ -
4.2.1	Define the planning-level benefits, impacts, costs & feasibility of implementation of projects in Task 4.1	1	4	48						6		59	\$ 6,112
4.2.2	Meet with TPO, FDOT & Stakeholders to confirm alternatives to include in Final Report and summarize workshop recommendations (Public Workshop 1, budgeted in Task 1.4)											0	\$ -
4.2.3	Presentation to TPO Board and Committees (budgeted in Task 1.6)												\$ -
Task 5	Prepare Final Report	10	3	10	9	10	32	20	0	16	18	128	\$ 13,508
5.1	Prepare Draft Summary Report (assumes assimilation and integration of previous work products)	4	2	8	4	4	16	16		8	8	70	\$ 7,131
5.2	Develop Action Plan, Responsibility & Timeline for Project Funding and Implementation	2			4	4	12			4	4	30	\$ 3,318
5.3	Meet with TPO, FDOT & Stakeholders to present Draft Report (Public Workshop 2, budgeted in Task 1)											0	\$ -
5.4	Prepare Final Report	4	1	2	1	2	4	4		4	6	28	\$ 3,059
5.5	Presentation to TPO Board and Committees on Final Report and approval (budgeted in Task 1)											0	\$ -
												0	\$ -
Task 6	Miscellaneous Services	11	0	0	0	14	0	0	0	0	4	29	\$ 11,079
6.1	Contract, Project Management, Project Files & Schedule (10 months)	10				10					4	24	\$ 3,470
6.2	Schedule of Anticipated Payout Curve	1				4						5	\$ 610
6.3	Contingency for additional data collection, meetings and analysis (hours for example only, scope will be approved by the TPO Project Manager up to the \$7,000 limit as shown in this subtask)											0	\$ 7,000
												0	\$ -
	TOTALS	89	40	208	90	102	132	32	0	147	127	967	\$ 115,038

89 40 208 90 102 132 32 0 147 127 967 \$ 115,038.31

9.2% 4.1% 21.5% 9.3% 10.5% 13.7% 3.3% 0.0% 15.2% 13.1% \$ 118.96

Exhibit A
Scope of Services
Project Traffic for
Belle Terre Blvd/Pkwy Intersections Analysis

Work Order No.:	---
Financial Project ID No.:	---
Roadway ID:	---
State Road No:	---
Road Name:	Belle Terre Blvd/Pkwy
County:	Flagler
Project Location:	From SR 5 (US 1) to Pine Lakes Pkwy (south)
Begin Milepost:	---
End Milepost:	---
Improvement Type:	---

Study Objective

This scope of service is prepared for providing the City of Palm Coast with an intersections analysis for Belle Terre Blvd/Pkwy between SR 5 (US 1) and Pine Lakes Pkwy (south).

The objective of the study is to identify cost effective improvements to eliminate or reduce crashes and minimize delay to through traffic at intersections along Belle Terre Blvd/Pkwy. The study should result in identification of specific intersection improvement projects that can be included in the FDOT work program and provide the information necessary for subsequent project development phases (Design, Traffic Operations and/or Maintenance).

Background

Belle Terre Pkwy is a 4-lane Urban Minor Arterial located west of I-95 in the City of Palm Coast. Belle Terre Blvd which is located south of SR 100 to US-1 is a 2-lane Urban Minor Arterial. This 9.5 mile stretch currently has volumes of 18,500 to 32,400 vehicles per day between SR 100 and Palm Coast Pkwy and volumes between 3,500 to 5,400 for the 2-lane segment south of SR 100 to US-1. There are 30 intersections through the length of the corridor (8 are signalized).

As designed by the original developer of Palm Coast, there are limited access roads to the residential areas from the arterial roadway network. Although there are signalized intersections along Belle Terre Pkwy, which may include dedicated right or left turn lanes, there are other intersections along the corridor which do not have turn lanes and therefore require vehicles to slow down in a through lane prior to making a turn to a residential street. As traffic volumes continue to increase in the City of Palm Coast, the limited access tends to create delays and safety issues at certain intersections on Belle Terre Blvd/Pkwy. The purpose of the study is to identify ways to improve safety and to mitigate delays to through traffic at intersections along Belle Terre Blvd/Pkwy.

The need for a study to identify problematic intersections is necessary as traffic volumes continue to increase along Belle Terre Blvd/Pkwy. Traffic volumes along different segments of Belle Terre Pkwy has increased anywhere from 25% to 86% over the past 11 years (2002-2013). Similarly, traffic volumes on Belle Terre Blvd has continued to increase over the past 11 years. It is important to note that the Traffic Analysis Zones (TAZs) abutting the subject corridor have a significant number of vacant residential lots (approximately 6,665 vacant

residential lots). This number of vacant lots which accounts for approximately 38% of all platted lots in the TAZs provide a significant development potential equating to additional traffic volume that will impact the Belle Terre Blvd/Pkwy. corridor in the future.

The study is to include two phases:

Phase One – The development of Existing Design Traffic Volumes, design characteristics, and evaluation of existing operating conditions.

Phase Two – This phase of the study entails the development of future traffic forecasts for the existing roadway condition. This study provides an evaluation of the characteristics and operating conditions of the corridor and local facilities during a proposed build year of 2025. Under the future year condition, roadway and intersection improvements will be evaluated to improve safety and operations.

In support of the Belle Terre Blvd/Pkwy Intersection Analysis, the study limits include the Belle Terre Blvd/Pkwy corridor from SR 5 (US 1) to Pine Lakes Pkwy (south), in Flagler County, Florida. For the purpose of analysis, the following intersections are included:

1. Belle Terre Blvd @ US 1 (**signal**) – four-hour (7 to 9 AM & 4 to 6 PM)
2. Belle Terre Blvd @ Kaywood Pl/Kankakee Trail (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
3. Belle Terre Blvd @ Kathleen Trail (S) (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
4. Belle Terre Blvd @ Kathleen Trail (N) (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
5. Belle Terre Blvd @ Karas Trail (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
6. Belle Terre Blvd @ Citation Blvd (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
7. Belle Terre Blvd @ Zonal Geranium Trail (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
8. Belle Terre Blvd @ Zonal Geranium Trail (N) (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
9. Belle Terre Blvd @ Laguna Forest Trail (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
10. Belle Terre Blvd @ Zinnia Trail (S) (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
11. Belle Terre Blvd @ Zinnia Trail (N) (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
12. Belle Terre Blvd @ Zaun Trail (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
13. Belle Terre Blvd @ Zebulah's Trail (S) (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
14. Belle Terre Blvd @ Zebulah's Trail (N) (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
15. Belle Terre Pkwy @ SR 100 (**signal**) - four-hour (7 to 9 AM & 4 to 6 PM)
16. Belle Terre Pkwy @ Eastwood Dr (stop)- four-hour (7 to 9 AM & 4 to 6 PM)
17. Belle Terre Pkwy @ Eastwood Dr/Market Ave (stop)- four-hour (7 to 9 AM & 4 to 6 PM)
18. Belle Terre Pkwy @ Easthampton Blvd/Central Ave (**signal**) - four-hour (7 to 9 AM & 4 to 6 PM)
19. Belle Terre Pkwy @ Royal Palms Pkwy (**signal**) - four-hour (7 to 9 AM & 4 to 6 PM)
20. Belle Terre Pkwy @ Point Pleasant Dr (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
21. Belle Terre Pkwy @ Rymfire Dr (**signal**) - four-hour (7 to 9 AM & 4 to 6 PM)
22. Belle Terre Pkwy @ Ponce Deleon Dr (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
23. Belle Terre Pkwy @ Pine Grove Dr (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
24. Belle Terre Pkwy @ Whiteview Pkwy (**signal**) - four-hour (7 to 9 AM & 4 to 6 PM)
25. Belle Terre Pkwy @ Whippoorwill Dr (stop) - four hour (7 to 9 AM & 4 to 6 PM)
26. Belle Terre Pkwy @ Pritchard Dr (stop) - four hour (7 to 9 AM & 4 to 6 PM)
27. Belle Terre Pkwy @ School Entrance (**signal**) - four-hour (7 to 9 AM & 4 to 6 PM)
28. Belle Terre Pkwy @ Parkview Dr (S) (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
29. Belle Terre Pkwy @ Parkview Dr (N) (stop) - four-hour (7 to 9 AM & 4 to 6 PM)
30. Belle Terre Pkwy @ Pine Lakes Pkwy (**signal**) - four-hour (7 to 9 AM & 4 to 6 PM)

Tasks

The specific tasks for this study are as follows:

1. Phase One – Existing Conditions

Task 1.1: Data Collection

This task includes the assembly and review of existing traffic count data for intersections, arterial segments and vehicle classification. The consultant shall conduct thirty (30) four-hour (7 to 9 AM & 4 to 6 PM) intersection traffic counts (to include truck and pedestrian counts) at the locations identified above. Existing signal timing data will also be collected and incorporated into the analysis. The City will provide the following traffic counts:

24-hour volume/classification counts will be provided by the City of Palm Coast at the following locations:

1. Belle Terre Blvd between Citation Pkwy and US 1
2. Belle Terre Blvd between Zaun Trail and Citation Pkwy
3. Belle Terre Blvd between Zebulah's Trail and Zaun Trail
4. Belle Terre Blvd between SR 100 and Zebulah's Trail
5. Belle Terre Pkwy between Easthampton Blvd and SR 100
6. Belle Terre Pkwy between Royal Palms Pkwy and Easthampton Blvd
7. Belle Terre Pkwy between Rymfire Dr to Royal Palms Pkwy
8. Belle Terre Pkwy between Whiteview Pkwy to Rymfire Dr
9. Belle Terre Pkwy between Parkview Drive (S) to Whiteview Pkwy
10. Belle Terre Pkwy between Pine Lakes Pkwy (S) to Parkview Drive (S)

For this project, the following years will be used for Analysis Purposes:

Existing Year	-	2015
Design Year	-	2025

Task 1.2: Design Characteristics

Assemble and review existing travel characteristics from the traffic count data collected for this study.

Task 1.3: Develop Existing Traffic Conditions

The recommended Annual Average Daily Traffic (AADT) will be developed by adjustment of existing traffic counts with the most current seasonal and axle adjustment factors for the study corridor, if necessary.

Task 1.4: Quality/Level of Service Analysis

Existing operational analysis will be performed using the most current adopted procedures outlined in the 2010 Highway Capacity Manual (HCM). Synchro software will be used to evaluate signalized intersections (HCM 2010 procedures) and roadway segments.

Task 1.5: Crash Data Collection and Summary

The consultant will obtain the most recent available crash data for a minimum of three (3) years for the study corridor. This information will be provided by Flagler County and include copies of the individual crash report forms where available. The consultant will evaluate the crash information to determine the crash types, crash severities, associated time-periods, and contributing causes. The consultant shall identify pertinent safety recommendations (if needed) for the study corridor.

2. Phase Two – Future Traffic Conditions and Intersection Improvements

Task 2.1: Growth Rate Calculations

A growth rate will be calculated for the Corridor for the period from 2015 to 2025 to determine the impacts from projected traffic growth. Trends analysis will be calculated using City, County and FDOT historical traffic counts.

Task 2.2: Develop Future Design Traffic Forecasts

Future intersection AM and PM peak hourly demand volumes will be prepared based on the recommended growth rate.

Task 2.3: Intersection Improvements and Quality/Level of Service Analysis

Operational analysis for the future traffic forecasts will be prepared using Synchro software (HCM 2010 procedures) for a No Build and Improved analysis.

The purpose of this task is to provide support to the City with queue length coordination, and development of operational geometries.

Recommended improvements to the corridor will be based on results of this analysis. For the purposes of presenting recommended improvements, unsignalized intersections may be grouped according to common needs. Signalized intersections shall be addressed individually, and shall include consideration of need for additional turn lanes and queue lengths for all turn lanes.

As part of this analysis, the consultant shall provide a general cost for specific improvements (turn lanes, median modifications, etc.).

3. Deliverables

Task 3.1: Relevant Project Data, Findings and Recommendations

- Traffic count data files/documentation
- Existing design AADT and intersection turning movement counts/estimates
- Crash Data and Analysis
- Future year AADTs and peak hour intersection turning movement volumes
- Recommended intersection improvements with planning-level cost estimates

- Operational level of service for existing conditions and future conditions (no-build and improved analysis)
- Priority of improvements

Task 3.2: Reports

For this study, the Consultant will provide the City with an electronic draft copy of the Technical Memorandum, One (1) final signed and sealed copy of the Technical Memorandum and one (1) CD-ROM, to include separate existing conditions and future conditions reports.

Draft Report Due Date: ---- 90 days from Notice to Proceed

Final Report Due Date: ---- 3 weeks from receiving the comments on the Draft Report

4. QA/QC

Task 4.1: QA/QC

Throughout this project, the Consultant will ensure the accuracy of all products submitted to the Client with **the Consultant's** Quality Assurance/Quality Control Procedures.

QA/QC final review will be annotated on the Consultant's Letter of Transmittal, in the remarks section, that the final product(s) have been reviewed for quality assurance and **were found to meet the Department's quality standards. The reviewer will initial their approval** prior to final delivery.

5. COORDINATION

Task 5.1: Project Coordination

Throughout the study, key Consultant staff will be available to meet and discuss project-related issues. It is anticipated that four (4) technical meetings with the City's project manager will be required.

Additionally, the Consultant will schedule a meeting with FDOT for the review and discussion/approval at *each* of the following task **milestones**;

- (Task 1.1) Data Collection
- (Task 1.4) Quality/Level of Service
- (Task 2.3) Intersection Improvements (including general cost estimates for specific improvements) and Quality/Level of Service
- (Task 3.2) Draft Report Review

Manhour and Fee Estimate

WPI NO.: N/A
 FINANCIAL ID NO.: N/A
 TYPE PROJECT: N/A
 CONTRACT NO.: N/A
 SUBCONSULTANT NAME: VHB
 SUBCONSULTANT PHONE NO.: (407) 898-5424 x 203
 VHB PROJECT NO.: 62742.02

PROJECT NAME: Belle Terre Blvd Corridor Study
 Limit - From: Pine Lakes Pkwy (S)
 Limit - To: US 1
 County: Flagler
 Project Mgr: Babuji Ambikapathy, P.E., AICP
 Fax No.: (407) 898 5425

Task No.	Task Description	Project Manager \$ 208.24	Project Engineer \$ 132.84	Traffic Engineer \$ 110.59	Traffic Analyst \$ 93.92	Traffic Technician \$ 58.99	Clerical \$ 58.25	Total Hours by Task	Salary Cost by Task	Average Rate per Task
1	Phase One - Existing Conditions									
1.2	Design Characteristics	0	0	2	8			10	\$ 972.54	\$ 97.25
1.3	Develop Existing Design Traffic			8	8			16	\$ 1,636.08	\$ 102.26
1.4	Quality/Level Of Service Analysis (30 intersections)			8	30			38	\$ 3,702.32	\$ 97.43
1.5	Crash Data Collection & Summary		5	10		20		35	\$ 2,949.90	\$ 84.28
2	Phase Two - Future Conditions									
2.1	Growth Rate Calculations	1	4	4	4			13	\$ 1,557.64	\$ 119.82
2.2	Develop Design Traffic Forecasts (future condition)	0	2	12	12			26	\$ 2,719.80	\$ 104.61
2.3	Quality/Level of Service Analysis and Preliminary Cost Estimate (future condition for 30 intersections)	0	1	24	125			150	\$ 14,527.00	\$ 96.85
3	Deliverables including Report	4	4	8	16		5.5	37.5	\$ 4,072.14	\$ 108.59
4	QA/QC	3	8					11	\$ 1,687.44	\$ 153.40
5	Coordination (Attending 4 meetings)	12	12					24	\$ 4,092.96	\$ 170.54
TOTALS		20	36	76	203	20	5.5	360.5	\$ 37,917.82	\$ 105.18
		5.5%	10.0%	21.1%	56.3%	5.5%	1.5%	100.0%		

1.1 Traffic Counts

Traffic Counts - 2 Hour (7 AM to 9 AM) TMC Ped/Bikes (30 Units) - 1 Enumerator at a unit price of \$617.95: **\$18,538.50**
 Traffic Counts - 2 Hour (4 PM to 6 PM) TMC Ped/Bikes (30 Units) - 1 Enumerator at a unit price of \$617.95: **\$18,538.50**

GRAND TOTAL									\$74,994.82
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MEETING SUMMARY

CAC & TCC

APRIL 21, 2015

IV. ACTION ITEMS

A. REVIEW AND RECOMMEND APPROVAL OF OF RESOLUTION 2015-## ADOPTING THE REGIONAL TRAILS CORRIDOR ASSESSMENT (RTCA) REPORT

Background Information:

The TPO recognizes the importance of providing safe, efficient and accessible facilities as part of an integrated multi-modal transportation system. The River to Sea TPO is undertaking an assessment of regional trails to better understand trail gaps and opportunities for new alignments to be included in the State of Florida Office of Greenways and Trails 2015 Update. The goal of this study is to enhance coordination and better position our region for future funding. RS&H, Inc. is the prime consultant for this study and Hoke Design, Inc. is the subconsultant assisting with this effort.

The TPO committees received presentations in September 2014 and February 2015 and public Stakeholder Workshops were held on September 29, 2014 and December 29, 2014. At the April 8, 2015 BPAC Subcommittee meeting, the committee approved the Regional Trails Corridor Assessment (RTCA) gap segment design concepts as presented. The final draft RTCA report is being presented for approval and finalization.

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF RESOLUTION 2015-## ADOPTING THE REGIONAL TRAILS CORRIDOR ASSESSMENT (RTCA) REPORT

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

RESOLUTION 2015-##

**RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION
ADOPTING THE REGIONAL TRAILS CORRIDOR ASSESSMENT REPORT**

WHEREAS, the River to Sea 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 has developed a Regional Trails Corridor Assessment Report that has been provided for review by the general public, the River to Sea TPO's Advisory Committees and the River to Sea TPO Board.

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

1. River to Sea TPO Board and advisory committees have reviewed and endorsed the Regional Trails Corridor Assessment Report;
2. River to Sea Transportation Planning Organization's Regional Trails Corridor Assessment Report is hereby endorsed and adopted; and the
3. Chairman of the River to Sea TPO (or her designee) is hereby authorized and directed to submit the Regional Trails Corridor Assessment Report to the:
 - a. Florida Department of Transportation; and
 - b. Federal Transit Administration (FTA) (through the Florida Department of Transportation);
 - c. Federal Highway Administration (FHWA) (through the Florida Department of Transportation);
 - d. Florida Department of Environmental Protection, Division of Recreation and Parks, Office of Greenways & Trails;
 - e. Florida Greenways & Trails Foundation, Inc.;
 - f. East Central Florida Regional Planning Council; and the
 - g. Central Florida MPO Alliance

DONE AND RESOLVED at the regularly convened meeting of the River to Sea TPO held on the **22nd** day of **April 2015**.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

**VOLUSIA COUNTY COUNCIL MEMBER PAT PATTERSON
ACTING 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 April 22, 2015.

ATTEST:

**PAMELA BLANKENSHIP, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION**

MEETING SUMMARY

CAC & TCC

APRIL 21, 2015

IV. ACTION ITEMS

B. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2015-## AMENDING THE FY 2014/15 TO 2018/19 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Background Information:

This proposed TIP amendment addresses the following projects:

1. FM # 2408361 - SR 40 Widening - SR 15 to SR 11 - add project;
2. FM # 4285361 – Seminole Woods Trail Multi-Use Path – defer project;
3. FM # 4324421 - SR 600 (US 92) Resurfacing - Multiple Sections - revise project scope and reduce funding;
4. FM # 4350561 - I-4 (SR 400) at SR 472, Orange Camp Rd & Dirksen Rd - add 2 locations (I-4/SR 44 and I-4/US 92) and increase funding;
5. FM # 4361151 - Lake Harney Rd Bridge #794050 over Underhill Slough - add project;
6. FM # 4362351 - SR 44 Audible Pavement Markings - add project;
7. FM # 4369121 - Big Tree Rd Railroad Crossing # 271950-R - add project;
8. FM # 4369131 - Reed Canal Rd Railroad Crossing # 271954-T - add project;
9. FM # 4369141 - Hull Road Railroad Crossing # 273011-R - add project;
10. FM # 4369181 - SR 40 Railroad Crossing # 621284-W - add project;
11. FM # 4371861 - Votran Sec 5339 Small Urban Bus & Bus Facilities Capital Projects - add project;
and
12. FM # 4373111 - Daytona Beach Wayfinding Program – add project.

The proposed amendment is more fully described in the enclosed Resolution 2015-## and Attachment "A".

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF RESOLUTION 2015-## AMENDING THE FY 2014/15 TO 2018/19 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

RESOLUTION 2015-##

**RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION
AMENDING THE FY 2014/15 TO FY 2018/19 TRANSPORTATION IMPROVEMENT PROGRAM
(TIP)**

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 designated urbanized area; and

WHEREAS, pursuant to 23 U.S.C. 134, 49 U.S.C. 5303, 23 CFR 450.310, and Florida Statutes 339.175, 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 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 River to Sea TPO's adopted TIP is required to be consistent with the Florida Department of Transportation's adopted Five-Year Work Program; and

WHEREAS, the Florida Department of Transportation has requested the River to Sea TPO to amend the TIP as prescribed herein; and

WHEREAS, the River to Sea TPO has determined that it is in the public's interest to amend the adopted TIP to accommodate the requested amendments and to maintain consistency with FDOT's Five-Year Work Program;

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

1. River to Sea TPO's FY 2014/15 - FY 2018/19 TIP is hereby amended as described below and more particularly indicated in "Attachment A":
 - a) FM # 2408361 - SR 40 Widening - SR 15 to SR 11 - add project;
 - b) FM # 4285361 – Seminole Woods Trail Multi-Use Path – defer project
 - c) FM # 4324421 - SR 600 (US 92) Resurfacing - Multiple Sections - revise project scope and reduce funding;
 - d) FM # 4350561 - I-4 (SR 400) at SR 472, Orange Camp Rd & Dirksen Rd - add 2 locations (I-4/SR 44 and I-4/US 92) and increase funding;

- e) FM # 4361151 - Lake Harney Rd Bridge #794050 over Underhill Slough - add project;
- f) FM # 4362351 - SR 44 Audible Pavement Markings - add project;
- g) FM # 4369121 - Big Tree Rd Railroad Crossing # 271950-R - add project;
- h) FM # 4369131 - Reed Canal Rd Railroad Crossing # 271954-T - add project;
- i) FM # 4369141 - Hull Road Railroad Crossing # 273011-R - add project;
- j) FM # 4369181 - SR 40 Railroad Crossing # 621284-W - add project;
- k) FM # 4371861 - Votran Sec 5339 Small Urban Bus & Bus Facilities Capital Projects - add project; and
- l) FM # 4373111 - Daytona Beach Wayfinding Program – add project.

2. The Chairman of the River to Sea TPO (or his designee) is hereby authorized and directed to submit the FY 2014/15 to FY 2018/19 TIP as amended to the:

- a) Florida Department of Transportation;
- b) Federal Transit Administration (FTA) (through the Florida Department of Transportation); and the
- c) Federal Highway Administration (FHWA) (through the Florida Department of Transportation).

DONE AND RESOLVED at the regular meeting of the River to Sea TPO held on the 22nd day of April 2015.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

**VOLUSIA COUNTY COUNCIL MEMBER PAT PATTERSON
ACTING 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 April 22, 2015.

ATTEST:

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

ATTACHMENT “A”

Resolution 2015-##

Amending the

FY 2014/15 to FY 2018/19

Transportation Improvement Program (TIP)

April 22, 2015



~~{Strike through indicates deletion; underline indicates addition.}~~

FM # 2408361 - SR 40 Widening - SR 15 to SR 11

From: SR 15 (US 17)

To: SR 11

Work Mix: ADD LANES & RECONSTRUCT

County: Volusia

Lead Agency: FDOT

Length: 6.66 miles

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
<u>PE</u>	<u>DIH</u>	<u>61,380</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>61,380</u>
<u>PE</u>	<u>ACSA</u>	<u>221,549</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>221,549</u>
<u>ENV</u>	<u>DDR</u>	<u>0</u>	<u>0</u>	<u>1,500,000</u>	<u>0</u>	<u>0</u>	<u>1,500,000</u>
<u>ENV</u>	<u>DS</u>	<u>0</u>	<u>0</u>	<u>3,000,000</u>	<u>0</u>	<u>0</u>	<u>3,000,000</u>
		<u>282,929</u>	<u>0</u>	<u>4,500,000</u>	<u>0</u>	<u>0</u>	<u>4,782,929</u>

Description: Widen SR 40 from 2 lanes to 4 between SR 15 (US 17) and SR 11. Preliminary engineering is programmed for FY 2014/15; environmental study is programmed in FY 2016/17. Project length is 6.657 miles. (Reference River to Sea TPO Long Range Transportation Plan, Table 8.2, pg 122.)

Comment: *Project was deleted in January at FDOT's request. It was understood then that this environmental mitigation work would be included in a statewide project. FDOT has now requested that we add it back into the TIP.*

{Strike through indicates deletion; underline indicates addition.}

FM # 4285361 - Seminole Woods Trail Multi-Use Path

From: Sesame Boulevard

To: SR 5 (US 1)

Work Mix: BIKE PATH/TRAIL

County: Flagler

Lead Agency: Palm Coast

Length: 1.3 miles

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
CST	LF	-51,261	0	0	0	0	-51,261
CST	XU (SU)	-461,348	0	0	0	0	-461,348
CEI	LF	-9,402	0	0	0	0	-9,402
CEI	XU (SU)	-84,618	0	0	0	0	-84,618
		<u>-606,629</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>-606,629</u>

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
PE	LF	0	120,000	0	0	0	120,000
CST	SU	0	545,966	0	0	0	545,966
CEI	SU	0	2,135	0	0	0	2,135
CEI	LF	0	21,342	0	0	0	21,342
		<u>0</u>	<u>689,443</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>689,443</u>

Description: Construct a new 10' wide multi-use trail along the east side of Seminole Woods Boulevard between Sesame Boulevard and SR 5 (US 1).
Project length: 1.3 miles. (Reference 2035 Long Range Transportation Plan, pgs 63-73.)

Comment: *Defer project from FY 2014/15 to FY 2015/16.*

{Strike through indicates deletion; underline indicates addition.}

FM # 4324421 - SR 600 (US 92) Resurfacing - Multiple Sections

From: SR 5A (Nova Rd)

To: SR 5 (US 1)

Work Mix: RESURFACING

County: Volusia

Lead Agency: FDOT

Length: ~~1.652~~ 0.687

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
CST	NHRE	0	1,798,121	0	0	0	1,798,121
CEI	SA	0	249,310	0	0	0	249,310
		0	2,047,431	0	0	0	2,047,431
<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
PE	DIH	98,029	0	0	0	0	98,029
CST	NHRE	0	1,326,757	0	0	0	1,326,757
CST	DS	25,000	0	0	0	0	25,000
CEI	SA	0	241,548	0	0	0	241,548
		123,029	1,568,305	0	0	0	1,691,334

Description: ~~Resurfacing multiple sections of SR 600 (US 92) between SR 5A (Nova Rd) and SR 5 (US 1) and sections on SR 5 (US 1) between Magnolia and SR 600 (US 92). (Reference 2035 Long Range Transportation Plan, Planning Factors, pg 10.)~~ Resurfacing SR 600 (US 92) between SR 5A (Nova Rd) and SR 5 (US 1), except section from mile marker 20.086 to 20.596, and resurfacing SR 5 (US 1) westbound lanes only between Magnolia and SR 600 (US 92). (Reference 2035 Long Range Transportation Plan, Planning Factors, pg 10.)

Comment: *Revise project scope; reduce funding.*

{Strike through indicates deletion; underline indicates addition.}

FM # 4350561 - ~~I-4 (SR 400) at SR 472, Orange Camp Rd & Dirksen Rd~~ I-4 (SR 400) at SR 472, Orange Camp Rd, Dirksen Rd, SR 44 & US 92

From: at I-4/SR 472, I-4/Orange Camp Rd, I-4/Dirksen Dr, I-4/SR 44 & I-4/US 92 To:

Work Mix: LIGHTING

County: Volusia

Lead Agency: FDOT

Length: ~~8.775~~ 25.183

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
PE	DDR	0	270,000	0	0	0	270,000
PE	DIH	0	10,000	0	0	0	10,000
CST	DI	0	0	2,048,942	0	0	2,048,942
CST	HSP	0	0	1,332,635	0	0	1,332,635
CEI	DI	0	0	53,852	0	0	53,852
CEI	DIH	0	0	87,455	0	0	87,455
CEI	HSP	0	0	91,906	0	0	91,906
		<u>0</u>	<u>280,000</u>	<u>3,614,790</u>	<u>0</u>	<u>0</u>	<u>3,894,790</u>

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
PE	ACNP	0	480,000	0	0	0	480,000
PE	DIH	0	10,000	0	0	0	10,000
PE	DDR	0	270,000	0	0	0	270,000
CST	DDR	0	0	2,699,486	0	0	2,699,486
CST	HSP	0	0	1,286,218	0	0	1,286,218
CST	DI	0	0	4,677,495	0	0	4,677,495
CEI	DS	0	0	367,012	0	0	367,012
CEI	HSP	0	0	88,705	0	0	88,705
CEI	DIH	0	0	84,408	0	0	84,408
CEI	DI	0	0	51,976	0	0	51,976
		<u>0</u>	<u>760,000</u>	<u>9,255,300</u>	<u>0</u>	<u>0</u>	<u>10,015,300</u>

Description: ~~Lighting improvements at the I-4/SR 472 interchange, at I-4 and Orange Camp Rd, and at I-4 and Dirksen Drive. The TPO's support for safety projects is expressed on pgs 1, 44, 49, 92, and 96 of the 2035 Long Range Transportation Plan.~~ Lighting improvements at I-4/SR 472, at I-4/Orange Camp Rd, at I-4/Dirksen Drive, at I-4/SR 44 and at I-4/US 92. The TPO's support for safety projects is expressed on pgs 1, 44, 49, 92, and 96 of the 2035 Long Range Transportation Plan.

~~{Strike through~~ indicates deletion; underline indicates addition.]

Comment: Add 2 location (I-4/SR 44 and I-4/US 92); increase funding.

~~{Strike through indicates deletion; underline indicates addition.}~~

FM # 4361151 - Lake Harney Rd Bridge #794050 over Underhill Slough

From: at Underhill Slough

To:

Work Mix: BRIDGE REPLACEMENT

County: Volusia

Lead Agency: Not Available

Length: 0.002

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
<u>PE</u>	<u>ACBZ</u>	<u>0</u>	<u>150,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>150,000</u>
<u>PE</u>	<u>LF</u>	<u>0</u>	<u>50,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>50,000</u>
<u>ROW</u>	<u>ACBZ</u>	<u>0</u>	<u>15,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>15,000</u>
		<u>0</u>	<u>215,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>215,000</u>

Description: Replace the existing bridge over Underhill Slough. (Reference 2035 Long Range Transportation Plan, Planning Factors, pg 10.)

Comment: Add project.

~~{Strike through indicates deletion; underline indicates addition.}~~

FM # 4362351 - SR 44 Audible Pavement Markings

From: E of Prevatt Av

To: E of Wild Orange Dr

Work Mix: SIGNING/PAVEMENT MARKINGS

County: Volusia

Lead Agency: FDOT

Length: 16.204

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
<u>PE</u>	<u>DIH</u>	<u>0</u>	<u>5,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>5,000</u>
<u>PE</u>	<u>HSP</u>	<u>0</u>	<u>100,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>100,000</u>
<u>CST</u>	<u>HSP</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>722,914</u>	<u>0</u>	<u>722,914</u>
		<u>0</u>	<u>105,000</u>	<u>0</u>	<u>722,914</u>	<u>0</u>	<u>827,914</u>

Description: FDOT will add audible edgeline pavement markings on SR 44 from east of Prevatt Avenue to east of Wild Orange Drive. Project length: 16.204 miles. (Reference 2035 Long Range Transportation Plan, Planning Factors, pg 10.)

Comment: *Add project.*

~~{Strike through indicates deletion; underline indicates addition.}~~

FM # 4369121 - Big Tree Rd Railroad Crossing # 271950-R

From: at FEC RR Xing # 271950-R

To:

Work Mix: RAIL SAFETY PROJECT

County: Volusia

Lead Agency: FDOT

Length: 0.002

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
<u>RRU</u>	<u>RHP</u>	<u>0</u>	<u>176,960</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>176,960</u>
		<u>0</u>	<u>176,960</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>176,960</u>

Description: Safety improvements to FEC RR Xing # 271950-R over Big Tree Road including PE, flagging, labor, materials and other related costs. The TPO's support for traffic operations, intelligent transportation systems (ITS), and safety projects is expressed on pgs 1, 44, 49, 92, and 96 of the 2035 Long Range Transportation Plan.

Comment: *Add project.*

~~{Strike through indicates deletion; underline indicates addition.}~~

FM # 4369131 - Reed Canal Rd Railroad Crossing # 271954-T

From: at FEC RR Xing # 271954-T

To:

Work Mix: RAIL SAFETY PROJECT

County: Volusia

Lead Agency: FDOT

Length: 0.002

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
<u>RRU</u>	<u>RHP</u>	<u>0</u>	<u>127,350</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>127,350</u>
		<u>0</u>	<u>127,350</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>127,350</u>

Description: Safety improvements to FEC RR Xing # 271954-T over Reed Canal Road including PE, flagging, labor, materials and other related costs. The TPO's support for traffic operations, intelligent transportation systems (ITS), and safety projects is expressed on pgs 1, 44, 49, 92, and 96 of the 2035 Long Range Transportation Plan.

Comment: *Add project.*

~~{Strike through indicates deletion; underline indicates addition.}~~

FM # 4369141 - Hull Road Railroad Crossing # 273011-R

From: at FEC RR Xing # 273011-R

To:

Work Mix: RAIL SAFETY PROJECT

County: Volusia

Lead Agency: FDOT

Length: 0.002

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
<u>RRU</u>	<u>RHP</u>	<u>0</u>	<u>60,560</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>60,560</u>
		<u>0</u>	<u>60,560</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>60,560</u>

Description: Safety improvements to FEC RR Xing # 273011-R over Hull Road including PE, flagging, labor, materials and other related costs. The TPO's support for traffic operations, intelligent transportation systems (ITS), and safety projects is expressed on pgs 1, 44, 49, 92, and 96 of the 2035 Long Range Transportation Plan.

Comment: *Add project.*

~~{Strike through indicates deletion; underline indicates addition.}~~

FM # 4369181 - SR 40 Railroad Crossing # 621284-W

From: at FEC Rail Xing # 621284-W

To:

Work Mix: RAIL SAFETY PROJECT

County: Volusia

Lead Agency: FDOT

Length: 0.002

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
<u>RRU</u>	<u>RHP</u>	<u>0</u>	<u>396,904</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>396,904</u>
		<u>0</u>	<u>396,904</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>396,904</u>

Description: Safety improvements to FEC RR Xing # 621284-W over SR 40 including PE, flagging, labor, materials and other related costs. The TPO's support for traffic operations, intelligent transportation systems (ITS), and safety projects is expressed on pgs 1, 44, 49, 92, and 96 of the 2035 Long Range Transportation Plan.

Comment: *Add project.*

~~{Strike through indicates deletion; underline indicates addition.}~~

FM # 4371861 - Votran Sec 5339 Small Urban Bus & Bus Facilities Capital Projs

From: Volusia County-wide

To:

Work Mix: CAPITAL FOR FIXED ROUTE

County: Volusia

Lead Agency: Votran

Length:

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
<u>GR&M</u>	<u>DU</u>	<u>0</u>	<u>504,736</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>504,736</u>
<u>GR&M</u>	<u>LF</u>	<u>0</u>	<u>126,184</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>126,184</u>
		<u>0</u>	<u>630,920</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>630,920</u>

Description: Funding for purchase of fixed-route buses and other equipment. (Reference River to Sea TPO 2035 Long Range Transportation Plan, pgs 49-63.)

Comment: Add project.

~~{Strike through indicates deletion; underline indicates addition.}~~

FM # 4373111 - Daytona Beach Wayfinding Program

From: Daytona Beach city-wide

To:

Work Mix: WAYFINDING SIGNS

County: Volusia

Lead Agency: Daytona Beach

Length:

<u>Phase</u>	<u>Fund</u>	<u>FY 2014/15</u>	<u>FY 2015/16</u>	<u>FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>Total</u>
<u>CST</u>	<u>XU (SU)</u>	<u>415,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>415,000</u>
<u>CEI</u>	<u>XU (SU)</u>	<u>50,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>50,000</u>
		<u>465,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>465,000</u>

Description: Install wayfinding signs at key decision points on federal-aid eligible roadways throughout the city. City's in-house planning (PLN) work valued at \$120,000 is to serve as the local match.

Comment: Add project.

**MEETING SUMMARY
CAC & TCC
APRIL 21, 2015**

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

A. PRESENTATION ON SUNRAIL SERVICE

Background Information:

SunRail commuter rail service operating between the DeBary and Sand Lake Road stations is approaching its one-year anniversary. The existing 31 miles of service represents the first phase of operations with extensions planned both to the north and south. Agreements in place provide for the establishment of service and management by the Florida Department of Transportation (FDOT) for the first seven years of operations. FDOT staff will be on hand to present an update of SunRail activities including service development, ridership information, operating statistics, and promotional efforts.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE

**WE'VE BEEN WORKING
ON THE RAILROAD**



River to Sea TPO



**Florida Department
of Transportation**



This meeting, project, or study is being conducted without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns relative to FDOT compliance with Title VI may do so by contacting:

Jennifer Taylor
FDOT District Five Title VI Coordinator
719 South Woodland Boulevard
Deland, Florida 32720
jennifer.taylor@dot.state.fl.us

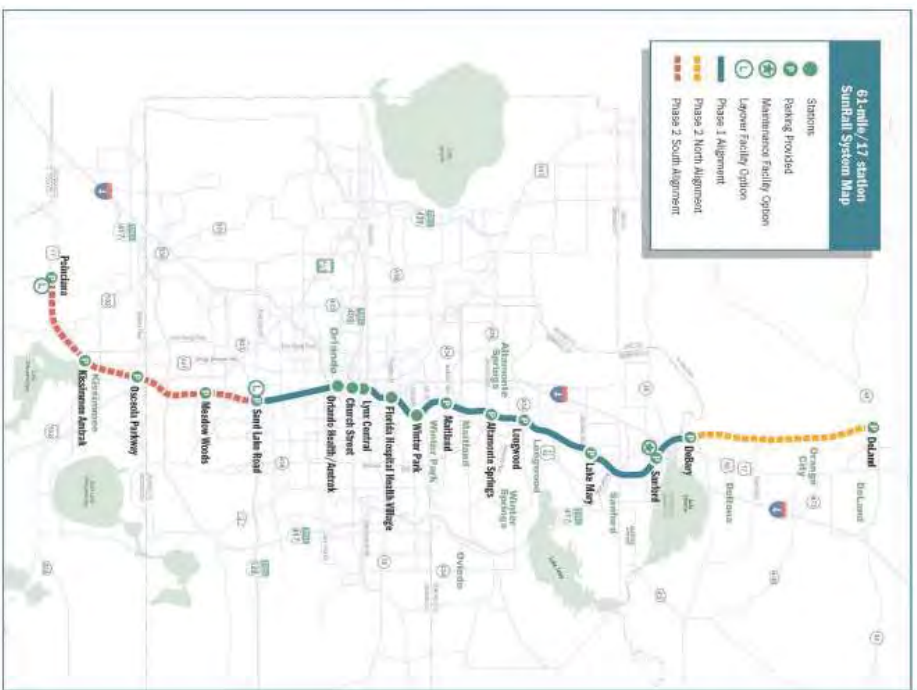
Jacqueline Paramore
State Title VI Coordinator
605 Suwannee Street, Mail Station 65
Tallahassee, FL 32399-0450

All inquiries or complaints will be handled according to FDOT procedure and in a prompt and courteous manner.

Title VI



SunRail System Map



Project Update

- SunRail Phase 1 Grand Opening April 30, 2014
- SunRail is delivered to Central Florida on-time and on-budget!!





Project Update Ridership

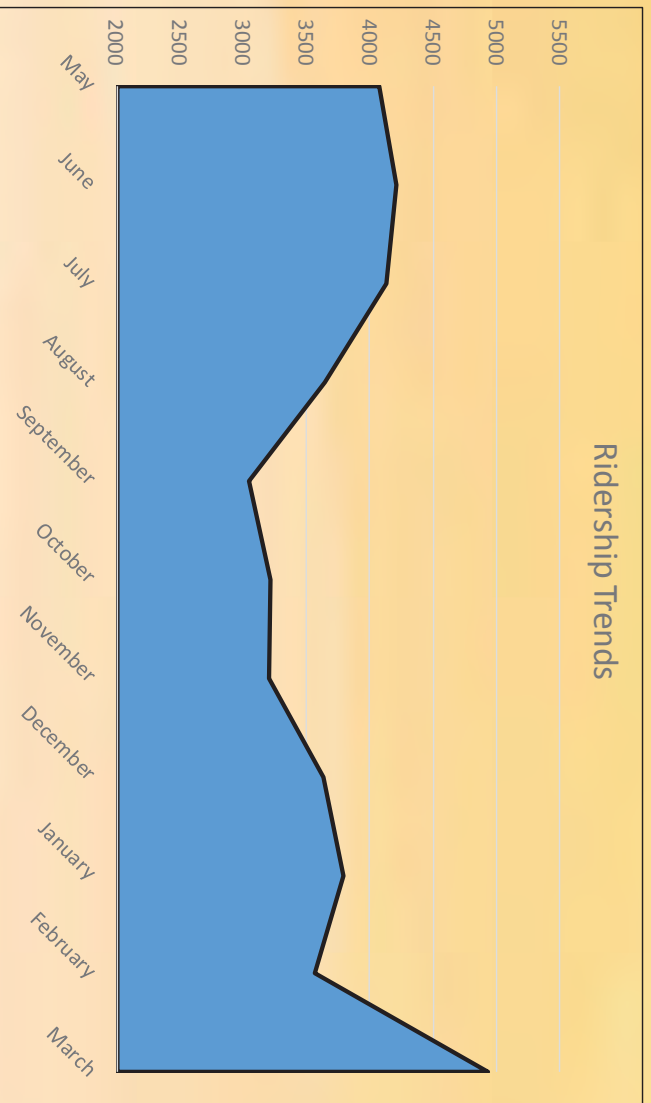


- **Revenue Service**
 - Started May 19
 - Passenger service leveled off to expectations
 - Average daily boardings:
 - May: 4,075
 - June: 4,212
 - July: 4,127
 - August: 3,647
 - September: 3,045
 - October: 3,214
 - November: 3,198
 - December: 3,629
 - January: 3,789
 - February: 3,561
 - March: 4,931
 - FTA daily boarding goal for first year of revenue service: 4,300



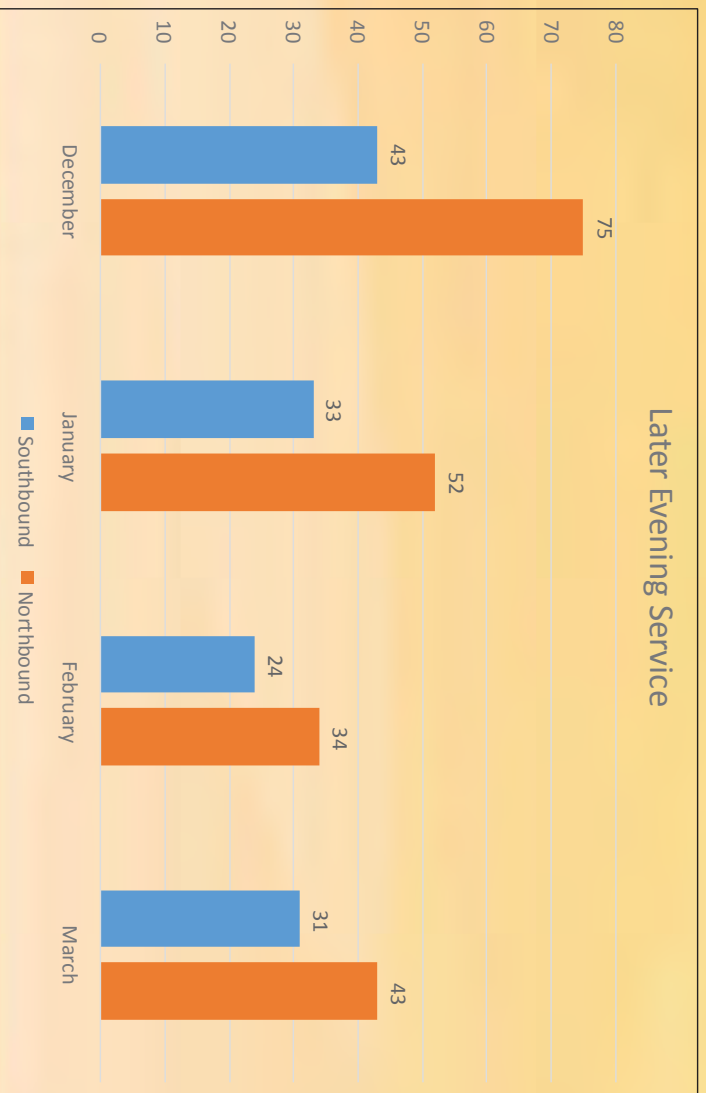
Project Update Ridership

Ridership Trends

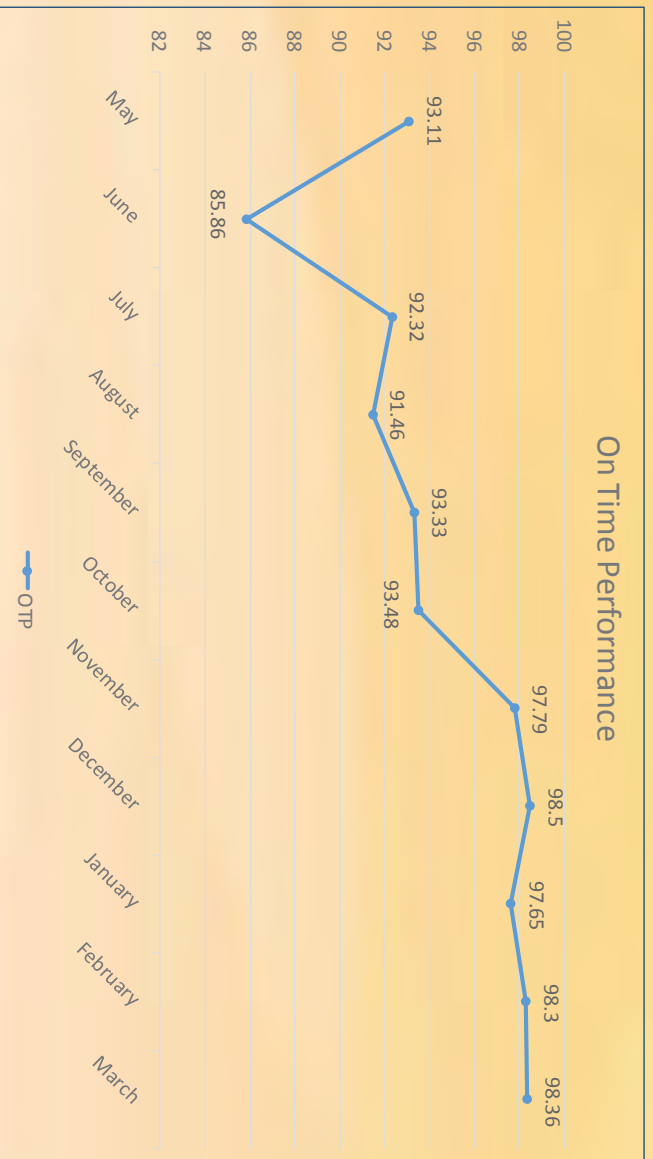


Project Update Later Evening Service

Later Evening Service



Project Update Ridership



Project Update Marketing and Business Development



- **Scorecards**
 - Safety outreach
 - Advertising
 - Pass sales
 - Marketing
 - Shuttle facilitation
 - TOD
 - Public Involvement
- **Train Your Brain campaign launched mid-January**
 - Co-branding with Ultimate I-4 project



Project Update

Marketing and Business Development



**SUNRAIL TRAINS
ON TIME**

Switch from ROAD to RAIL ▶ TrainYourBrain.TIPS



**I-4 CONSTRUCTION
COMING FEBRUARY 2015**

Switch from ROAD to RAIL ▶ TrainYourBrain.TIPS



**TAKE SUNRAIL
TO THE
GAME TONIGHT**



7:00 pm | Amway Center



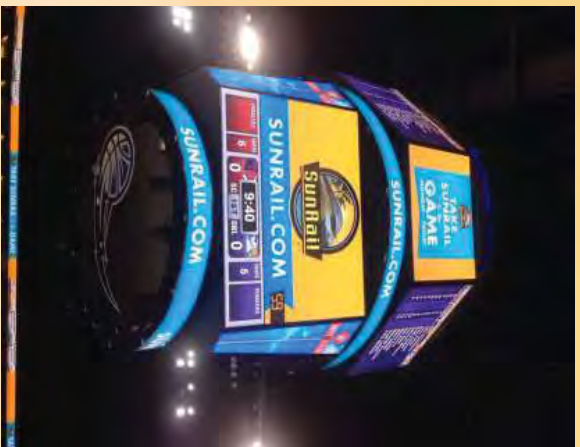
**BUMPER TO BUMPER
IS SO LAST YEAR**

Switch from ROAD to RAIL ▶ TrainYourBrain.TIPS



Project Update

Marketing and Business Development



Project Update

Marketing and Business Development



SunRail's marketing team distributes educational material to downtown's workforce regarding the I-4 Ultimate construction project.

Working with Orlando Inc. to engage business leaders



Project Update

Customer Service

■ Ambassador Program

- Ambassadors on each platform assisted with ticketing; tapping on-tapping off
 - First three months of revenue operations
- Program reinstated Nov. 5 as I-4 construction nears
 - One ambassador at each platform during peak service periods
 - One ambassador at four busiest stations during off-peak periods
 - Winter Park, LYNX, DeBary and Sand Lake Road
 - Program may last up to one year
 - Staff deployment monitored with ridership trends



Project Update

On Board Survey – Service Impressions



SURVEYED: 812
Rated "staff is friendly and helpful" as Very Good



SURVEYED: 801
Rated "schedules are easy to understand" as Very Good



SURVEYED: 798
Rated "trains are clean" as Very Good



SURVEYED: 793
Rated "trains are reliable" as Very Good



SURVEYED: 798
Rated "station announcements keep riders informed" as Very Good



SURVEYED: 836
Rated "fare equipment is easy to use" as Very Good



SURVEYED: 569
Rated "connections with local buses" as Very Good



Project Update

Marketing and Business Development

▪ SunRail Corporate Shuttles

- ABC Fine Wine & Spirits – Sand Lake Road
 - Florida Hospital – Maitland
 - Winter Park Memorial Hospital – Winter Park
 - Seminole County Government – Lake Mary
 - City of Sanford – shuttle for residents/tourists; Sanford
 - Darden – Sand Lake Road
 - Lockheed Martin – Sand Lake Road
 - Southpark Circle – multiple business at Sand Lake Road
- ### ▪ In Development
- EA Sports/FIS/Charles Schwab – Maitland
 - Hartford – Lake Mary
 - Walgreen's – Sand Lake Road

SUNRAIL SHUTTLE SERVICE
New available to and from ABC's Stone Support Center and the Sand Lake Road SunRail station!

Whether you ride the train or catch a bus at the Sand Lake Road station, ABC now offers FREE shuttle service to and from ABC's Stone Support Center to the Sand Lake Road SunRail station.

Using this FREE daily service is as easy as A, B, C:

A Register
Call the SunRail line at 407-529-7272 or visit the SunRail website at www.sunrail.com to register for the service. You will receive a confirmation email with the details of the service and a QR code to use when boarding the shuttle.

B Reserve
When you board the shuttle from the Sand Lake Road station, you will be asked to reserve a seat for your trip. Reservations are made on a first-come, first-served basis. Reservations are made for 30 minutes prior to the departure time. Reservations are made for 30 minutes prior to the departure time. Reservations are made for 30 minutes prior to the departure time.

C Ride
All riders must have a valid SunRail fare to ride the shuttle. SunRail will provide a QR code to use when boarding the shuttle. SunRail will provide a QR code to use when boarding the shuttle. SunRail will provide a QR code to use when boarding the shuttle.

Save gas, time and money! Ride the SunRail!
SEATING FOR WINE DRINKERS.



Project Update First Anniversary Celebration

Thank you to all of our riders!



Successes and Challenges

- **Successes**
 - SunRail delivered on-time/on budget
 - Community demand for additional service
- **Challenges**
 - Level of technology involved in all aspects of SunRail
 - Systems integration with signals, TVMs, cameras, announcements, etc.
 - Growing a brand new organization
 - Addressing immediate demands for additional service within established agreements, funding availability, equipment/staff needs, and multiple partner requirements



Project Update

Phase 2 North/South

- **Phase 2 South**
 - Coordinating with FTA to obtain new project rating
 - Beginning to advertise construction contracts – mid-April
 - Anticipate FFGA – Summer 2015
- **Phase 2 North**
 - Coordinating with FTA on potential funding sources
 - Coordinating with Amtrak on operations at Deland Station
 - 30% design plans being finalized
 - Developing scope for final design



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Project Update

Phase 3 to OIA

- **Request to Enter Project Development submitted to FTA on June 17, 2014**
 - 5.5 mile extension of SunRail approximately 1.5 miles north of proposed Phase 2 Meadow Woods station
- **Moving forward with preliminary alignment, operations and ridership information**
- **Connects with planned \$215 million intermodal center at OIA**



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**MEETING SUMMARY
CAC & TCC
APRIL 21, 2015**

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

B. STATUS UPDATE ON THE SR 417 TO I-95 CONNECTOR STUDY

Background Information:

Interest was expressed by the cities of Edgewater and Deltona to pursue \$719,921 in funding available for a study to “Construct Eastern Connector from SR 417 to I-95” in Volusia and Seminole Counties. At the February meeting of the River to Sea TPO, the board discussed the early history of this effort and directed staff to continue to investigate the possibilities for utilizing the available funds to further evaluate a connector road from SR 417 to I-95.

TPO staff will provide updated information and activities and will seek direction regarding additional actions that may be desired.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE

**MEETING SUMMARY
CAC & TCC
APRIL 21, 2015**

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

C. PRESENTATION ON THE 2040 LONG RANGE TRANSPORTATION PLAN (LRTP) TREND AND MODIFIED LAND USE ALTERNATIVES

Background Information:

At the March 20, 2015 LRTP Subcommittee meeting, the members reviewed the Existing + Committed (E+C) model output. At the March 27, 2015 meeting, they reviewed and approved the projects list for modeling of the Transportation Trend Scenario. They also approved for modeling purposes of the Alternative Land-use Scenario the inclusion of projects identified in the adopted Transit Development Plan (TDP) and the 2035 Long Range Transportation Plan (LRTP) Mass Transit updated project list. Ghyabi and Associates will present the status on the alternatives scenario work effort and schedule for the LRTP.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE

**MEETING SUMMARY
CAC & TCC
APRIL 21, 2015**

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

D. UPDATE ON THE TRANSIT DEVELOPMENT DESIGN GUIDELINES

Background Information:

In 2008, the River to Sea TPO and Votran worked together to publish the Transit Development Guidelines. The document provided a comprehensive set of design standards that would help to integrate public transit features into developing and redeveloping areas. These standards are used as a guide for the public, the county, cities and others involved in land development projects. The guidelines emphasize transit-oriented development and transit-related improvements with the objective of recognizing the needs of bus passengers, land owners, and meeting community standards.

Votran representatives will present an overview of the Transit Development Guidelines, the need for this activity and the update effort.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE

VOLUSIA COUNTY TRANSIT DEVELOPMENT DESIGN GUIDELINES UPDATE



PROJECT OVERVIEW & PURPOSE

- ▶ Develop standards and designs for Votran bus stops and transit service access throughout the county
- ▶ The design guidelines were adopted in 2008
- ▶ Since the last update:
 - ▶ New Americans with Disabilities Act regulations
 - ▶ New trends in roadway development
 - ▶ FDOT “Accessing Transit” handbook update
 - ▶ Votran Transit Development Plan major update
 - ▶ Development and redevelopment has increased
 - ▶ SunRail has been implemented
 - ▶ Premium transit studies are underway in Volusia County



EXISTING TRANSIT DESIGN GUIDELINES - COMPONENTS

- ▶ Project thresholds
- ▶ Development review checklist
- ▶ Land use considerations
- ▶ Residential, retail, office, and mixed-use land use principles
- ▶ Vehicle characteristics
- ▶ Roadway design
- ▶ Classification of transit stops
- ▶ Bus stop siting and design

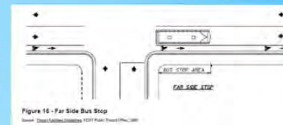
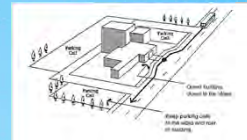


Figure 16 - Far Side Bus Stop

TRANSIT DESIGN GUIDELINES UPDATE - DEVELOPMENT PROCESS

- ▶ Review ordinances and current land development codes for Volusia County and the municipalities
- ▶ Meet with city and county staff regarding development processes/plans and design guidelines
- ▶ Roundtable discussions with community stakeholders
- ▶ Develop survey/questionnaire for additional input



TRANSIT DESIGN GUIDELINES UPDATE – ANTICIPATED RESULTS & OUTCOMES

- ▶ Update Volusia County Transit Development Guidelines based on staff and stakeholder input and updated regulations and guidelines
- ▶ Integrate Design Guidelines with the Transportation Impact Analysis Guidelines
- ▶ Incorporate Crime Prevention Through Environmental Design Principles
- ▶ Develop draft for review by county and city staff

TECHNICAL COORDINATING COMMITTEE INPUT

- ▶ What are some of the major issues that need consideration during this process?
- ▶ What are some of the elements that should be included in the update process?
- ▶ What are some barriers to coordination that should be considered in the process?
- ▶ How can we create cohesive integration of the updated standards and designs for transit service into developing and redeveloping areas?



PROJECT CONTACT INFORMATION

Heather Blanck
Assistant General Manager of Planning,
Marketing, and Customer Service
Votran
hblanck@volusia.org
386-756-7496

LaChant Barnett
Senior Project Manager
Tindale Oliver
LBarnett@tindaleoliver.com
407-657-9210



**MEETING SUMMARY
CAC & TCC
APRIL 21, 2015**

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

E. 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 Report and the Push-Button Report are included in the agenda for your review.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE

PO/PA		CSS		PROJECT STATUS REPORT AS OF					
				March 15, 2015					
Terry Simpson	Seth Simpson	VOLUSIA COUNTY & SEMINOLE							
		SR 415 from Seminole Co. Line to Reed Ellis Road							
		FIN #		407355-3-52-01, 240216-5-52-01, & 407355-1-52-01					
		CONTRACT #		T5415					
		CONVENTIONAL CONTRACT							
		PROJECT DESCRIPTION: Add lanes & reconstruction.							
						TIME		COST	
		CONTRACTOR:	United Infrastructure Group, Inc.	LET DATE:	5/23/2012	ORIGINAL:	1100	\$32,798,973.37	
		CCEI:	AECOM	NTP:	7/27/2012	CURRENT:	1220	\$33,196,960.74	
		CONT. TYPE:	CONSTRUCTION	TIME BEGAN:	10/1/2012	ELAPSED:	868	\$25,160,106.89	
		FED. AID #:	N/A	WORK BEGAN:	10/1/2012	% ORIGINAL:	78.9%	76.7%	
		SECTION:	79120000	EST. COMPLETION:	2/2/2016	% TO DATE:	71.1%	75.8%	
		FUND TYPE	STA	CURRENT CPPR:	97%	LIQ. DAMAGES:			
		CONTACT		PHONE			EMAIL		
CONTRACTOR'S PROJECT MANAGER:		Robert Tanksley	O: 407-377-0550	C: 407-615-0822	Robert.Tanksley@uiq.net				
CONTRACTOR'S SUPERINTENDENT:		Pete Wilson	O: 407-377-0550	C: 407-625-2623	pete.wilson@uiq.net				
SENIOR PROJECT ENGINEER:		Harold Dubon, P.E.	O: 407-302-6943	C: 407-729-7339	Harold.Dubon@aecom.com				
CONSTRUCTION PROJECT MANAGER:		Tyler Malmborg	O: 386-740-3505	C: 386-846-4149	Tyler.Malmborg@dot.state.fl.us				
CEI SENIOR PROJECT ADMINISTRATOR:		Terry Simpson	O: 407-302-6943	C: 407-622-9476	terry.simpson@aecom.com				
SENIOR ROADWAY INSPECTOR:		Frank Shaw	O: 407-302-6943	C: 407-314-7417	Frank.Shaw2@aecom.com				
SENIOR BRIDGE INSPECTOR:		Willie Diaz	O: 407-302-6943	C: 407-453-7363	William.M.Diaz@aecom.com				
MAINTENANCE CONTACT:		Jim Read	O: 386-740-3406	C: 386-801-5584	james.read@dot.state.fl.us				
24 HR CONTRACTOR EMERGENCY CONTACT:		Robert Tanksley	O: 407-377-0550	C: 407-615-0822	Robert.Tanksley@uiq.net				
ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:		Mike Oakley	O: 407-377-0550	C: 863-528-0358					
WEEKLY MEETING: Tuesday 10:00 at AECOM field Office.									
Greg Shelton	Jeff Hinkle	VOLUSIA COUNTY & FLAGLER							
		SR 415 from north of Reed Ellis Rd. northerly to north of Acorn Lake Rd.							
		FIN #		407355-4-52-01					
		CONTRACT#		T5417					
		CONVENTIONAL CONTRACT							
		PROJECT DESCRIPTION: Adding lanes, reconstruction, milling and resurfacing, widening, drainage improvements, new traffic signals, new noise wall, and signing and pavement markings on State Road 415 from north of Reed Ellis Road northerly 5.034 miles to north of Acorn Lake Road.							
						TIME		COST	
		CONTRACTOR:	P & S Paving, Inc.	LET DATE:	4/25/2012	ORIGINAL:	870	\$18,388,844.65	
		CCEI:	In House	NTP:	6/28/2012	CURRENT:	976	\$18,388,844.65	
		CONT. TYPE:	CONSTRUCTION	TIME BEGAN:	7/16/2012	ELAPSED:	945	\$16,684,072.11	
		FED. AID #:	N/A	WORK BEGAN:	7/16/2012	% ORIGINAL:	108.6%	90.7%	
		SECTION:	79120000	EST. COMPLETION:	3/18/2015	% TO DATE:	96.8%	90.7%	
		FUND TYPE	STA	CURRENT CPPR:	100%	LIQ. DAMAGES:			
		CONTACT		PHONE			EMAIL		
CONTRACTOR'S PROJECT MANAGER:		Brian Davidson	O: 386-258-7911	C: 386-566-0551	bdavidson@pandspavinginc.com				
CONTRACTOR'S SUPERINTENDENT:		Mike Smith	C: 386-402-5705						
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	O: 386-740-3594	C: 407-625-3055	paul.wabi@dot.state.fl.us				
PROJECT ADMINISTRATOR:		Greg Shelton	C: 407-948-9021	greg.shelton@dot.state.fl.us					
Consultant LEAD INSPECTOR:		Ray Budd (RS&H)	C: 386-931-8354						
INSPECTOR:		Jeremy Ahmann	C: 321-281-7739						
INSPECTOR:									
MAINTENANCE CONTACT:		Jim Read	O: 386-740-3406	C: 386-801-5584	james.read@dot.state.fl.us				
24 HR CONTRACTOR EMERGENCY CONTACT:		Mike Smith	C: 386-402-5705						
BI-WEEKLY MEETING: Wednesday 2:00 On Site									

O/PA	CSS	PROJECT STATUS REPORT AS OF						
Barry Johnson	Mike Atkins	March 15, 2015						
		I-4 from SR 44 to E of I-95						
		FIN #		408464-1-52-01				
		CONTRACT#		E5R16				
		DESIGN BUILD CONTRACT						
		PROJECT DESCRIPTION: The improvements in this contract consist of reconstruction and widening the interstate from four lanes to six lanes. Additional scope of work includes resurfacing SR 44 eastbound ramps onto SR 400 and replacement of existing US 92 ramps and ramp bridge over US 92.						
						TIME	COST	
		CONTRACTOR:	Condotte/de Moya Group	LET DATE:	2/3/2012	ORIGINAL:	900	\$134,462,000.00
		CCEI:	Parsons Brinckerhoff, Inc.	NTP:	5/9/2012	CURRENT:	1,389	\$142,984,761.82
		CONT. TYPE:	CONSTRUCTION	TIME BEGAN:	5/9/2012	ELAPSED:	1013	\$102,004,109.06
		FED. AID #:	422501	WORK BEGAN:	5/9/2012	% ORIGINAL:	112.6%	75.9%
		SECTION:	79110000	EST. COMPLETION:	3/1/2016	% TO DATE:	72.9%	71.3%
		FUND TYPE	FAO	CURRENT CPPR:	90%	LIQ. DAMAGES:		
		CONTACT		PHONE		EMAIL		
		CONTRACTOR'S PROJECT MANAGER:		Grant Cool	O: 386-873-0770 C: 305-322-5597	grant.cool@demoya.com		
		CONTRACTOR'S SUPERINTENDENT:		Grant Cool	O: 386-873-0770 C: 305-322-5597	grant.cool@demoya.com		
		SUPERVISOR:		Jorge Rodriguez	C: 305-302-6277			
		CONSTRUCTION ENGINEER		Paul Wabi, P.E.	O: 386-740-3594 C: 407-625-3055	paul.wabi@dot.state.fl.us		
		CONSTRUCTION PROJECT MANAGER:		Tyler Malmborg	O: 386-740-3505 C: 386-846-4149	Tyler.Malmborg@dot.state.fl.us		
		CEI SENIOR PROJECT ADMINISTRATOR		Steve Wigle	C: 407-509-8541	wigle@pbworld.com		
PROJECT ADMINISTRATOR:		Barry Johnson	O: 386-873-0772 C: 407-947-7426	johnsonba@pbworld.com				
SENIOR INSPECTOR:		Jay Johnson	C: 321-229-9821					
OFFICE SPECIALIST:		Mike Atkins	O: 407-660-4720 C: 407-406-1218	matkins@metriceng.com				
DOT PROJECT MANAGER:		Beata Stys-Palasz	O: 386-943-5418					
MAINTENANCE CONTACT:		Jim Read	O: 386-740-3406	james.read@dot.state.fl.us				
24 HR CONTRACTOR EMERGENCY CONTACT:		Grant Cool	C: 305-322-5597					
WEEKLY MEETING: Tuesday, 1:30 at Field Office.								
Lori Jones	Jeff Hinkle	SR 5 (US 1) S. of Harbor Rd. to Fleming Ave.						
		FIN#		428688-1-52-01				
		CONTRACT#		T5503				
		PAY ITEM CONTRACT						
		PROJECT DESCRIPTION: Minor turn lane and shoulder widening, milling and resurfacing, sidewalk construction, ADA improvements, drainage improvements, signing, striping, and signalization on SR 5 (US 1) from south of Harbor Rd. to Fleming Ave.						
						TIME	COST	
		CONTRACTOR:	Halifax Paving Inc.	LET DATE:	8/27/2014	ORIGINAL:	220	\$2,352,000.00
		CCEI:	N/A	NTP:	10/23/2014	CURRENT:	221	\$2,352,000.00
		CONT. TYPE:	Lump Sum	TIME BEGAN:	1/21/2015	ELAPSED:	26	\$42,336.00
		FED. AID #:	N/A	WORK BEGAN:	1/21/2015	% ORIGINAL:	11.8%	1.8%
		SECTION:	79010000	EST. COMPLETION:	8/29/2015	% TO DATE:	11.8%	1.8%
		FUND TYPE	STA	CURRENT CPPR:	98%	LIQ. DAMAGES:	0	\$1,742.00
		CONTACT		PHONE		EMAIL		
		CONTRACTOR'S PROJECT MANAGER:		Joey Durrance	C: 386-547-4852	jdauburn84@aol.com		
		CONTRACTOR'S SUPERINTENDENT:		Josh Lloyd	C: 386-983-4320			
		CONSTRUCTION ENGINEER		Paul Wabi, P.E.	O: 386-740-3594 C: 407-625-3055	paul.wabi@dot.state.fl.us		
		PROJECT ADMINISTRATOR:		Lori Jones	O: 386-740-3564 C: 386-846-4753	lori.jones@dot.state.fl.us		
		LEAD INSPECTOR:		Larry Torres	C: 407-448-5344	ltorres@pageoneconsultants.com		
		MAINTENANCE CONTACT:		Jim Read	C: 386-801-5584 O: 386-740-3406	james.read@dot.state.fl.us		
		24 HR CONTRACTOR EMERGENCY CONTACT:		Phil Arcieri	C: 386-547-0316			
		Steve Blair	C: 386-547-3422	hpi-steve@cfl.rr.com				
BI-WEEKLY MEETING: Tuesday @ 9:00 a.m.								

O/PA		CSS		PROJECT STATUS REPORT AS OF						
Bradley Bauknecht		Bill Downey		March 15, 2015						
				US 92 Pedestrian Bridge and Improvements						
				Fin #		434871-1-52-01				
				Contract #		E5W32				
				DESIGN BUILD CONTRACT						
				PROJECT DESCRIPTION: US 92 pedestrian bridge and drainage improvements between Williamson and Midway, Daytona Beach.						
								TIME	COST	
				CONTRACTOR:	P&S Paving, Inc. - Superior Const.	LET DATE:	7/10/2014	ORIGINAL:	467	\$17,212,700.00
				CCEI:	RS&H, Inc.	NTP:	9/11/2014	CURRENT:	477	\$17,212,700.00
				CONT. TYPE:	Design Build	TIME BEGAN:	9/11/2014	ELAPSED:	158	\$3,332,340.21
FED. AID #:	N/A	WORK BEGAN:	9/11/2014	% ORIGINAL:	33.8%	19.4%				
SECTION:	79060000	EST. COMPLETION:	12/31/2015	% TO DATE:	33.1%	19.4%				
FUND TYPE	STA	CURRENT CPPR:	100%	LIQ. DAMAGES:						
CONTACT			PHONE		EMAIL					
CONTRACTOR'S PROJECT MANAGER:			Brian Davidson	O: 386-258-7911	bdavidson@pandspavinginc.com					
CONTRACTOR'S SUPERINTENDENT:			Tyler Phillips	O: 386-547-5719	tylerphillips@pandspavinginc.com					
SENIOR PROJECT ENGINEER:			Bill Downey	O: 904-256-2570 C: 386-527-5281	Bill.Downey@rsandh.com					
PROJECT ADMINISTRATOR:			Bradley Bauknecht, P.E.	O: 386-740-3519 C: 386-290-6844	Bradley.Bauknecht@dot.state.fl.us					
SENIOR INSPECTOR:			Ray Budd	O: 386-931-8354	Charles.Budd@rsandh.com					
MAINTENANCE CONTACT:			Jim Read	C: 386-801-5584 O: 386-740-3406	james.read@dot.state.fl.us					
24 HR CONTRACTOR MOT CONTACT:			Tyler Phillips	O: 386-547-5719	tylerphillips@pandspavinginc.com					
WEEKLY MEETING: Every Tuesday at 1:30 p.m. until design is complete, bi-weekly thereafter.										
Glenn Raney		Ernie Saltar		SR 5 (US 1) S. of Wiley Ave./Kelley Rd. to Volusia Co. Line						
				FIN #		432425-1-52-01, 432425-2-52-01				
				Contract #		T5517				
				LUMP SUM CONTRACT						
				PROJECT DESCRIPTION: Removal of existing pavement markings and installation of new audible pavement markings along SR 5 (US 1) in Brevard Co. from south of Wiley Ave./Kelley Rd. to the Volusia Co. line, and in Volusia Co. from the Brevard Co. line to north of Lagoon Ave.						
								TIME	COST	
				CONTRACTOR:	Whiteleaf LLC DBA Traffic Solutions	LET DATE:	10/29/2014	ORIGINAL	80	\$198,076.43
				CCEI:	N/A	NTP:	12/2/2014	CURRENT	81	\$198,076.43
				CONT. TYPE:	Streamline, Lump Sum	TIME BEGAN:	1/30/2015	ELAPSED	17	\$104,900.17
				FED. AID #:	485606P & 4857053P	WORK BEGAN:	1/31/2015	% ORIGINAL	21.3%	53.0%
SECTION:	70030 & 79010	EST. COMPLETION:	4/20/2015	% TO DATE	21.0%	53.0%				
FUND TYPE	Both	CURRENT CPPR:	86%	LIQ. DAMAGES	N/A					
CONTACT			PHONE		EMAIL					
CONTRACTOR'S PROJECT MANAGER:			Mark Crampton	C: 407-919-9772	mcrampton@trafficsolutionsfl.com					
CONTRACTOR'S SUPERINTENDENT:			Chris Robbins	C: 407-738-8308	crobbins@trafficsolutionsfl.com					
CONSTRUCTION ENGINEER:			Paul Wabi, P.E.	O: 386-740-3594 C: 407-625-3055	paul.wabi@dot.state.fl.us					
PROJECT ADMINISTRATOR:			Glen Raney	O: 386-740-3524 C: 386-846-4862	michael.raney@dot.state.fl.us					
SENIOR INSPECTOR:			Randy Stagg	C: 407-557-0521	rstaggs@mehtaeng.com					
MAINTENANCE CONTACT:			Jim Read	C: 386-801-5584 O: 386-740-3406	james.read@dot.state.fl.us					
24 HR CONTRACTOR MOT CONTACT:			Chris Robbins	C: 407-738-8308	crobbins@trafficsolutionsfl.com					
WEEKLY MEETING: TBD - Worksite										

O/PA		CSS		PROJECT STATUS REPORT AS OF							
Rick Coe		Jeffrey Hinkle		March 15, 2015							
				SR 421 95 to Nova Rd.							
				FIN# 427279-1-52-01							
				CONTRACT# T5483							
				LUMP SUM CONTRACT							
				PROJECT DESCRIPTION: Improvements to include milling and resurfacing SR 421 from west of I-95/SR9 to east of SR 5A (Nova Road), base work, shoulder treatment, drainage improvements, curb & gutters, traffic signals, lighting, highway signing, guardrail and sidewalks in Volusia County.							
								TIME	COST		
				CONTRACTOR:	P&S Paving	LET DATE:	6/18/2014	ORIGINAL:	200	\$2,864,000.00	
				CCEI:	In House	NTP:	8/14/2014	CURRENT:	228	\$2,864,000.00	
				CONT. TYPE:	Lump Sum	TIME BEGAN:	9/13/2014	ELAPSED:	156	\$1,452,048.00	
FED. AID #:	8886538a	WORK BEGAN:	9/15/2014	% ORIGINAL:	78.0%	50.7%					
SECTION:	79230000	EST. COMPLETION:	4/28/2015	% TO DATE:	68.4%	50.7%					
FUND TYPE	EXO	CURRENT CPPR:	95%	LIQ. DAMAGES:	0	\$2,876.00					
CONTACT		Phone:			Email:						
CONTRACTOR'S PROJECT MANAGER:		Terry Phillips	C: 386-785-7647		bdavidson@pandspavinginc.com						
CONTRACTOR'S SUPERINTENDENT:		John Dunlap	C: 386-566-6267		jd@pandspavinginc.com						
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	O: 386-740-3594 C: 407-625-3055		paul.wabi@dot.state.fl.us						
PROJECT ADMINISTRATOR:		Rick Coe	O: 386-740-3490		frederick.coe@dot.state.fl.us						
LEAD INSPECTOR:		Steve Chambers	C: 407-466-1642		bworley@rkk.com						
MAINTENANCE CONTACT:		Jim Read	O: 386-740-3406 C: 386-801-5584		james.read@dot.state.fl.us						
24 HR CONTRACTOR EMERGENCY CONTACT:		John Dunlap	C: 386-566-6267								
WEEKLY MEETING: Tuesdays @ 2:00 p.m. Project Site											
Robert Parker		Mark DeLorenzo		I-95, I-4, US 92 System to System Interchange							
				FIN # 242715-2-52-01							
				Contract # E5W26							
				DESIGN BUILD CONTRACT							
				PROJECT DESCRIPTION: Widening of I-95 from four to six lanes, complete reconstruction of the I-4/SR 400 interchange, complete reconstruction of the US 92 interchange, and improvements to SR 400, US 92, Bellevue Rd., and Tomoka Farms Rd.							
								TIME	COST		
				CONTRACTOR:	Archer Western Contractors, LLC.	LET DATE:	9/5/2014	ORIGINAL:	1,100	\$204,975,000.00	
				CCEI:	Jacobs Engineering Group	NTP:	11/25/2014	CURRENT:	1,116	\$204,975,000.00	
				CONT. TYPE:	Design Build	TIME BEGAN:	11/25/2014	ELAPSED:	83	\$19,717,766.76	
				FED. AID #:	0954-140-I	WORK BEGAN:	11/25/2014	% ORIGINAL:	7.5%	9.6%	
SECTION:	79002000	EST. COMPLETION:	12/14/2017	% TO DATE:	7.4%	9.6%					
FUND TYPE		CURRENT CFPR:	100%	LIQ. DAMAGES:							
CONTACT		PHONE			EMAIL						
CONTRACTOR'S PROJECT MANAGER:		Jeff Hutchinson, P.E.	C: 904-669-8931		jhutchinson@walshgroup.com						
CONTRACTOR'S Asst. Project Mgr.:		Joshua McDermott	C: 772-263-3253		jmcdermott@walshgroup.com						
SENIOR PROJECT ENGINEER:		Mark DeLorenzo, P.E.	O: 813-376-4498		mark.delorenzo@jacobs.com						
PROJECT ADMINISTRATOR:		Robert Parker	O: 904-449-0923		robert.parker@jacobs.com						
SENIOR INSPECTOR:		Tony Phillips	O: 904-626-0076		tony.phillips@jacobs.com						
FDOT PROJECT MANAGER:		Bradley Bauknecht, P.E.	O: 386-740-3519 C: 386-290-6844		Bradley.Bauknecht@dot.state.fl.us						
MAINTENANCE CONTACT:		Jim Read	O: 386-740-3406 C: 386-801-5584		james.read@dot.state.fl.us						
24 HR CONTRACTOR MOT CONTACT:		Jeff Hutchinson, P.E.	C: 904-669-8931		jhutchinson@walshgroup.com						
WEEKLY MEETING: Tuesdays @ 9:30 a.m. Archer Western Field Office											

O/PA		CSS		PROJECT STATUS REPORT AS OF					
				March 15, 2015					
Glenn Raney Ernie Saltar	SR 100/20 and SR 11 Audible Inverted Pavement Markings								
	FIN#	432414-1-52-01							
	CONTRACT#	T5512							
	STREAMLINE PLAN QUANTITY CONTRACT								
	PROJECT DESCRIPTION: Placement of "No Passing Zone" signage and audible/vibratory pavement markings. Project is located in Flagler County with the following limits: SR 100/20 from the Putnam County line to west of US 1; SR 11 from the Volusia County line to north of CR 2003.								
						TIME	COST		
	CONTRACTOR:	AKCA, Inc.	LET DATE:	9/24/2014	ORIGINAL:	110	\$313,791.00		
	CCEI:	N/A	NTP:	11/26/2014	CURRENT:	124	\$313,791.00		
	CONT. TYPE:	Construction Streamline Plan Qty	TIME BEGAN:	12/26/2014	ELAPSED:	52	\$21,964.40		
	FED. AID #:	8886565A	WORK BEGAN:	1/5/2015	% ORIGINAL:	47.3%	7.0%		
	SECTION:	7305000	EST. COMPLETION:	2/16/2015	% TO DATE:	41.9%	7.0%		
	FUND TYPE	Both	CURRENT CPPR:	97%	LIQ. DAMAGES:				
	CONTACT			PHONE		EMAIL			
	CONTRACTOR'S PROJECT MANAGER:		Don Mariotti	O: 813-752-4471	C: 813-299-2323	dmariottiakca@aol.com			
	CONTRACTOR'S SUPERINTENDENT:		Mike Jones	C: 813-267-7350		TBD			
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	O: 386-740-3594	C: 407-625-3055	paul.wabi@dot.state.fl.us				
PROJECT ADMINISTRATOR:		Glenn Raney	O: 386-740-3524	C: 386-846-4862	michael.raney@dot.state.fl.us				
SENIOR INSPECTOR:		TBD							
MAINTENANCE CONTACT:		TME Enterprises	C: 386-585-5800						
24 HR CONTRACTOR EMERGENCY CONTACT:		Mike Jones	C: 813-267-7350						
BI-WEEKLY MEETING: To be held at worksite - time TBD.									
Chris Kochis Ernie Saltar	US-1 SR-44 & A1A								
	FIN#	429179-1-72-02							
	CONTRACT#	E5Q53							
	STREAMLINE PLAN QUANTITY CONTRACT								
	PROJECT DESCRIPTION: Desilting, cleaning, and video inspection of storm drains.								
						TIME	COST		
	CONTRACTOR:	Estep Construction, Inc.	LET DATE:	12/4/2013	ORIGINAL:	270	\$279,884.55		
	CCEI:	In House	NTP:	2/11/2013	CURRENT:	307	\$282,759.55		
	CONT. TYPE:	MAINTENANCE	TIME BEGAN:	2/11/2013	ELAPSED:	735	\$217,353.80		
	FED. AID #:	N/A	WORK BEGAN:	2/11/2013	% ORIGINAL:	272.2%	77.7%		
	SECTION:	Various Locations	EST. COMPLETION:	3/31/2015	% TO DATE:	239.4%	76.9%		
	FUND TYPE	MC	CURRENT CPPR:	79%	LIQ. DAMAGES:	(-\$418,278.00)			
	428 LD Days								
	CONTACT			PHONE		EMAIL			
	CONTRACTOR'S PROJECT MANAGER:		Jeffrey Estep	C: 407-325-5998		jeff@estepconstruction.com			
CONTRACTOR'S SUPERINTENDENT:		Bob Hersey	C: 407-810-4936		kevin@groundtek.com				
CONSTRUCTION ENGINEER		Paul Wabi, P.E.	O: 386-740-3594	C: 407-625-3055	paul.wabi@dot.state.fl.us				
PROJECT ADMINISTRATOR:		Chris Kochis	O: 386-740-3503	C: 386-846-3931	chris.kochis@dot.state.fl.us				
LEAD INSPECTOR:		Jim Reininger	C: 386-527-3834						
MAINTENANCE CONTACT:		Jim Read	O: 386-740-3406	C: 386-801-5584	james.read@dot.state.fl.us				
24 HR CONTRACTOR EMERGENCY CONTACT:		Bob Hersey	C: 407-810-4936						
BI-WEEKLY MEETING: Tuesday 9:00 a.m. by phone									
Julian McKinley Jeff Hinkle	SR 472 and 17/92 Interchange								
	FIN#	434485-1-72-01							
	CONTRACT#	E5T08							
	STREAMLINE PLAN QUANTITY CONTRACT								
	PROJECT DESCRIPTION: Landscaping Rehabilitation at SR 472 and 17/92 Interchange								
						TIME	COST		
	CONTRACTOR:	Groundtek of Central FL. LLC	LET DATE:	1/7/2014	ORIGINAL:	1,159	\$223,352.10		
	CCEI:	In House	NTP:	4/24/2014	CURRENT:	1,169	\$223,352.10		
	CONT. TYPE:	MAINTENANCE	TIME BEGAN:	4/28/2014	ELAPSED:	294	\$178,673.05		
	FED. AID #:	N/A	WORK BEGAN:	4/28/2014	% ORIGINAL:	25.4%	80.0%		
	SECTION:	79/Volusia	EST. COMPLETION:	7/9/2017	% TO DATE:	25.1%	80.0%		
	FUND TYPE	MC	CURRENT CPPR:	93%	LIQ. DAMAGES:				
	CONTACT			PHONE		EMAIL			
	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.	O: 386-740-3594	C: 407-625-3055	paul.wabi@dot.state.fl.us				
PROJECT ADMINISTRATOR:		Julian McKinley	O: 386-740-3422		julian.mckinley@dot.state.fl.us				
LEAD INSPECTOR:		Julian McKinley	O: 386-740-3422		julian.mckinley@dot.state.fl.us				
MAINTENANCE CONTACT:		Jim Read	O: 386-740-3406	C: 386-801-5584	james.read@dot.state.fl.us				
24 HR CONTRACTOR EMERGENCY CONTACT:		Hector Colon	O: 407-355-0571						
MEETING:									

April 2015 Pushbutton Report

PUSHBUTTON STATUS

PUSHBUTTON STATUS											
COUNTY	SECTION	MP	STATE RD	LIMITS	PROJECT DESCRIPTION	EOR	PROJECT PHASE	CONTRACT	WORK ORDER SENT	COMPLETE	CONTR.
Flagler	73010	5.880	US 1	Seminole Woods Blvd	Install Southbound Flashing Beacon	STROZ	Under Construction	5233(E5W71)	2/2/2015	5/7/15	FIE
Volusia	79070	25.155	44	I-95 SB Off-Ramp to EB SR 44	Adding Loop	PENTON	On Hold				
Volusia	79100	29.652	40	West of Orchard St.	Left Turn Lane	CAIRNS	On Hold - Permit	-	-	-	-
Volusia	79030	1.192	US 1	SR 430 (Mason Ave)	Install 4-section Heads	STROZ	In Design	-	-	-	-
Volusia	79040	13.995-14.078	15/600 US 17/92	University Av to Pennsylvania Av	Mid-Block Pedestrian Crossing	TBD	In Design	-	-	-	-
Volusia	79230	0.730	421	Yorktowne Blvd	Left turn lane	TBD	In Design	-	-	-	-
Volusia	79070-009	0.000	44	I-4 WB On-Ramp	Extend Left Turn Lane	STROZ	Design Complete	-	-	-	-

**MEETING SUMMARY
CAC & TCC
APRIL 21, 2015**

V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

F. 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 Construction Report and Flagler County Construction Reports are included for your information.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE

Volusia County Construction Report – MARCH 2015

Recently Completed:

- 1) Tymber Creek Rd (from SR 40 to Peruvian Way)
- 2) Saxon Blvd. Medians/six-laning (Enterprise Rd. to I-4)
- 3) Calle Grande Sidewalk (from Nova Rd./Golf Ave. to W. of US1)
- 4) Rail Trail Bridge over SR 415
- 5) Rail Trail Bridge over SR 442

Under Construction or Advertised for Construction:

- 1) ECRRT - Segment 3 (SR 415 to Guise Rd.) w/Trail Head at SR 415. – under construction
- 2) ECRRT - Segment 6 (Cow Creek to Dale St.) – under construction
- 3) S. Williamson Blvd. Ext. (Pioneer Tr. to Airport Rd.) – Construction Pending
- 4) Spring to Spring Trail (Blue Springs Park to Detroit Terrace) – Construction Underway
- 5) Howland Blvd. (Courtland Bl. to SR 415) – Construction Underway
- 6) Dunn Ave. (Bill France Bl. - Clyde Morris B.) Paved shoulders –Construction Awarded
- 7) Pioneer Trail Curve Realignment at Turnbull Bay Rd. – Construction Awarded
- 8) Doyle Rd. (Courtland Bl. to SR 415) – Paved shoulders – Advertised

Near Construction Projects:

- 1) Tenth St. (Myrtle to US 1) – Waiting for Railroad approvals.
- 2) Atlantic Ave. Sidewalk (Major Ave. to Marcelle Ave.) – Const. funds FY 2014/2015
- 3) Spring to Spring Trail - Grand Ave. (Lemon St. to King St.) – Const funds FY 2015/2016
- 4) LPGA Blvd. (Jimmy Ann Dr. to Derbyshire) – Const. funds FY 2014/2015
- 5) Beville Road/Airport Business Park (Pelican Bay) - Intersection improvement with Mast Arm signal.

Design Projects:

- 1) Veterans Memorial Bridge (Orange Ave.) – Construction LAP funded in FY 2015/2016.
- 2) Turnbull Bay Bridge – The Construction LAP funded in FY 2015/2016. In ROW acquisition phase.
- 3) ECRRT – Segment 4A (Guise Rd. to Gobblers Lodge) - ROW LAP funded 2013/14, Const. 2018/19
- 4) ECRRT – Segment 4B (Gobblers Lodge to Maytown Spur) – Design Build funded 2014/15
- 5) Spring to Spring - Segment 3A (SunRail Station to Detroit Terrace) – In the Study phase.
- 6) Orange Camp Rd. (MLK Blvd. to I-4) – In design. Construction funded in FY 2016/2017
- 7) SR 44 & Kepler Road intersection improvements - In design. Const. funded in FY 2015/2016
- 8) ECRRT (Brevard County Line to Cow Creek Rd.) – Design Build funded FY 2014/2015
- 9) Plymouth Ave. Sidewalk (from E. of Hazen Rd. to W. of SR 15A) – needs ROW
- 10) Old New York Sidewalk (from Shell Rd. to SR 44) – needs ROW

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- April 2015

Recently Completed:

Under Construction or Advertised for Construction:

1. CR 305 Bridge Replacement, Bridge No. 734086
2. CR 305 Box Culvert Replacements
3. SR 100 Landscaping (SR-5/US 1 to Belle Terre Parkway)
4. Palm Coast Parkway (Boulder Rock Dr.. to Florida Park Dr.)- Construction underway (COPC)
5. Bunnell Elementary Trails- Sidewalks around Bunnell Elementary school and connection to Trailhead improvements at Joann B. King Park
6. John Anderson Widening and Resurfacing
7. Varn Park Improvements
8. Roberts Road Bike/ Pedestrian Path
9. Matanzas Woods Parkway Interchange at Interstate 95
10. Ion Water Treatment Plant (City of Bunnell)

Near Construction Projects:

1. CR 302 Resurfacing from CR 305 to SR 100

Design Projects:

1. CR 13 Widening and Resurfacing from CR205 to US 1
2. CR 2009 Widening and Resurfacing From Lake Disston to CR 305
3. CR 205 Widening and Resurfacing from SR 100 to CR 13
4. CR 305 Widening and Resurfacing from Bridge No. 734084 to Bridge No. 734086
5. Old Kings Rd South Widening and Resurfacing from SR 100 to Volusia County Line
6. SR A1A- Island Estates Median Improvements
7. SR A1A Landscaping at Matanzas Shores HOA (Island Estates to St. Johns County Line)
8. New Road Extension for Old Kings Road from Forest Grove to Old Kings Road
9. Old Kings Rd. Widening to 4 Lanes, Palm Coast Parkway to Forest Grove Drive- Under Design. ROW funding in FY 2014/15. (COPC)
10. Commerce Parkway Connector (City of Bunnell)
11. Southside Sewer Rehabilitation (City of Bunnell)

**MEETING SUMMARY
CAC & TCC
APRIL 21, 2015**

VI. STAFF COMMENTS

→ Annual TPO Retreat

VII. CAC/TCC MEMBER COMMENTS

VIII. INFORMATION ITEMS

→ River to Sea TPO Board Meeting Summary

→ 2040 Long Range Transportation Plan (LRTP) Subcommittee Summaries

IX. ADJOURNMENT

******The next meetings of the CAC & TCC will be on May 19, 2015******



River to Sea TPO Board

February 25, 2015

Meeting Summary

- Approved the consent agenda including the January 28, 2015 TPO Board meeting minutes and the SR A1A Pedestrian Safety and Mobility task order; withdrew the approval of the Belle Terre Parkway Intersections Study task order
- Approved Resolution 2015-07 adjusting local agency program (LAP) agreement amounts when the difference between the LAP agreement amounts and local agency contract award amounts are less than \$250,000
- Approved procedure and criteria for prioritizing planning studies
- Received a PowerPoint presentation on the draft Regional Trails Corridor Assessment (RTCA) and provided suggestions for the assessment
- Announced the BPAC Regional Trails Corridor Subcommittee meeting following the TPO Board meeting at 11:00 a.m.
- Received a presentation from the FDOT District 1 Secretary Billie Hattaway on Florida's Pedestrian Safety Initiatives
- Received a presentation on the SR 417 to I-95 Connector Study and agreed to place on a future TPO agenda to address the issues raised
- Received a PowerPoint presentation on the 2040 Long Range Transportation Plan (LRTP) Alternative Land Use Scenario framework and announced the Brannon Center, Sanborn Center and Daytona State College – Deltona campus Make Your Mark sessions
- Received the FDOT report

- Received Executive Director's report including an update on SunRail and the annual TPO Retreat
- Received member comment regarding evacuation routes from the east side of Volusia County
- Announced a Transportation Roundtable meeting on March 2, 2015 at the TPO office

The next River to Sea TPO Board meeting will be on Wednesday, March 25, 2015



**Long Range Transportation Plan (LRTP) Subcommittee
Meeting Summary
February 27, 2015**

- Received presentation on the Existing + Committed (E+C) model output and project prioritization
- The following members volunteered to review the E+C model output: Tom Harowski, Melissa Winsett and Bobby Ball
- Received presentation on the ongoing public involvement efforts and announced the upcoming Make Your Mark sessions
- Received member suggestions for beginning to put together the draft starter list of projects for the 2040 LRTP

*****The next LRTP Subcommittee meetings will be on Friday, March 20, 2015 at 1:30 p.m. and Friday March 27, 2015 @ 1:30 p.m.*****

The March 20, 2015 LRTP Subcommittee will be held at Votran at 1:30 p.m.



**Long Range Transportation Plan (LRTP) Subcommittee
Meeting Summary
March 20, 2015**

- Reviewed the Existing + Committed (E+C) model output and project prioritization and requested an E+C congested corridors map be provided
- Reviewed and refined the Strategic Intermodal Systems (SIS) Projects, SIS - Projects Requested, Other Arterial Projects and Other Projects per Public Input starter lists based on the constrained trend and alternative land use scenarios
- Requested that the cities/counties provide their lists of projects for the LRTP to Jean Parlow by Thursday, March 26, 2015

**** The next LRTP Subcommittee meeting will be on Friday, March 27, 2015 @ 1:30 p.m. ****