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, January 21, 2020
TIME: 1:15 P.M. (CAC) & 3:00 P.M. (TCC)
PLACE: River to Sea TPO Conference Room
2570 W. International Speedway Blvd., Suite 100
Daytona Beach, Florida 32114

Ms. Nora Jane Gillespie, CAC Chairperson
Mr. Jose Papa, TCC Chairperson

CAC & TCC AGENDA

I. CALL TO ORDER/ROLL CALL/DETERMINATION OF QUORUM/PLEDGE OF ALLEGIANCE

II. PUBLIC COMMENT/PARTICIPATION (Public comments may be limited to three (3) minutes at the discretion of the Chairperson)

III. ACTION ITEMS

A. REVIEW AND APPROVAL OF NOVEMBER 19, 2019 CAC/TCC MEETING MINUTES (Contact: Debbie Stewart) (Enclosure, CAC pages 4-13; TCC pages 4, 14-19)

B. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2020-## SUPPORTING ALTERNATIVE 3 (PARTIAL CLOVERLEAF #2) OF THE I-95 AND PIONEER TRAIL PD&E (Contact: Colleen Nicoulin)(Enclosure, pages 20-22)

IV. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

A. PRESENTATION AND DISCUSSION OF THE DEVELOPMENT OF THE 2045 LONG RANGE TRANSPORTATION PLAN (LRTP) (Contact: Colleen Nicoulin) (Enclosure, pages 23-28)

B. PRESENTATION AND DISCUSSION OF PLANNING PROJECTS UNDER CONSIDERATION FOR THE TWO-YEAR FY 2020/21 AND 2021/22 UNIFIED PLANNING WORK PROGRAM (UPWP) (Contact: Colleen Nicoulin) (Enclosure, pages 29-40)

C. PRESENTATION AND DISCUSSION OF UPDATED SAFETY DATA AND TARGETS (Contact: Crystal Mercedes) (Enclosure, pages 41-49)
D. **FDOT REPORT** (Contact: Vickie Wyche, FDOT District 5) (Enclosure, pages 50-61)

E. **VOLUSIA COUNTY AND FLAGLER COUNTY CONSTRUCTION REPORTS** (Contact: Volusia County & Flagler County Traffic Engineering) (Enclosure, pages 62-64)

V. **STAFF COMMENTS** (Enclosure, page 65)

VI. **CAC/TCC MEMBER COMMENTS** (Enclosure, page 65)

VII. **INFORMATION ITEMS** (Enclosure, pages 65-81)
   → CAC & TCC Attendance Records
   → River to Sea TPO Board Meeting Summary for November 27, 2019
   → November and December TPO Outreach and Events
   → 2045 LRTP Subcommittee Report
   → UPWP Subcommittee Report

VIII. **ADJOURNMENT** (Enclosure, page 65)

   **The next CAC and TCC meetings will be on Tuesday, February 18, 2020**
NOTE: If any person decides to appeal a decision made by this board with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings including all testimony and evidence upon which the appeal is to be based. To that end, such person will want to ensure that a verbatim record of the proceedings is made.

NOTE: The River to Sea TPO does not discriminate on the basis of race, color, national origin, sex, age, religion, disability and family status. Those with questions or concerns about nondiscrimination, those requiring special assistance under the Americans with Disabilities Act (ADA) of 1990, or those requiring language assistance (free of charge) should contact Pamela Blankenship at 386.226.0422 or pblankenship@r2ctpo.org.
III. ACTION ITEMS

A. REVIEW AND APPROVAL OF NOVEMBER 19, 2019 CAC/TCC MEETING MINUTES

Background Information:

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

ACTION REQUESTED:

MOTION TO APPROVE THE NOVEMBER 19, 2019 CAC/TCC MEETING MINUTES
Citizens’ Advisory Committee (CAC)
Meeting Minutes
November 19, 2019

CAC Members Present:
Sue Habel
Janet Deyette
Rob Plympton
Marcia Stevens-Foltz
Nora Jane Gillespie, Chairperson
Bob Storke
Roger Strcula
Alan Peterson, Vice Chairperson
Susan Elliott
Bobby Ball
Dave Castagnacci
Elizabeth Alicia Lendian
Melissa Winsett (non-voting)
Edie Biro
Vickie Wyche (non-voting advisor)

CAC Members Absent:
Ralph Bove
Daniel Klasel, Jr.
Faith Alkhatib (non-voting)
Tisha Peterson
Gilles Blais (excused)
Rick Basso
Joe Villanella (excused)
Jack Delaney
Ann Christian
Patricia Lipovsky

Others Present:
Debbie Stewart, Recording Secretary
Colleen Nicoulin
Pam Blankenship
Lois Bollenback
Stephan Harris
Heather Grubert
Jim Wood
Paul Martel
Deepika Field
Ned Baier

Representing:
Daytona Beach
Deltona
Flagler Beach
Flagler County
New Smyrna Beach
Orange City
Ormond Beach
Palm Coast
Ponce
Port Orange
Volusia County Chair
Volusia County at Large
Volusia County Traffic Engineering
Volusia County D-1
Volusia County D-2

Representing:
DeBary
Edgewater
Flagler County Traffic Engineering
Flagler County Public Transportation
Holly Hill
Lake Helen
Ponce Inlet
South Daytona
Volusia County – Alternate
Stantec
Votran (CTC)
FDOT District 5
Kimley-Horn, Inc.
Ponce – Alternate
Stantec
Vokert, Inc.

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

Chairperson Gillespie called the meeting of the River to Sea Transportation Planning Organization (TPO) Citizens Advisory Committee (CAC) to order at 1:15 p.m. The roll was called and it was determined that a quorum was present.

II. Press/Citizen Comments

There were no press/citizen comments.
III. Action Items

A. Review and Approval of October 15, 2019 CAC Meeting Minutes

MOTION: A motion was made by Mr. Storke to approve the October 15, 2019 CAC meeting minutes. The motion was seconded by Mr. Peterson and carried unanimously.

B. Review and Recommend Approval of Resolution 2019-## Amending the FY 2019/20 to 2023/24 Transportation Improvement Program (TIP)

Ms. Nicoulin stated this Transportation Improvement Program (TIP) amendment programs Federal Transit Administration (FTA) funds into the current year.

MOTION: A motion was made by Mr. Storke to recommend approval of Resolution 2019-## amending the FY 2019/20 to 2023/24 Transportation Improvement Program (TIP). The motion was seconded by Mr. Castagnacci and carried unanimously.

C. Review and Recommend Approval of the 2045 Long Range Transportation Plan (LRTP) Goals and Objectives

Ms. Nicoulin introduced Mr. Jim Wood, Kimley-Horn, to present the goals and objectives for the 2045 Long Range Transportation Plan (LRTP).

Mr. Wood stated the goals and objectives are the primary focus of the 2045 LRTP; he gave a summary of the goals and objectives. They provide direction and inform the overall process of prioritization; criteria will be developed from them that will be used to select projects to be included in the 2045 LRTP. They took the goals and objectives of the existing 2040 LRTP and made modifications to them. Four new objectives have been added which he reviewed.

Chairperson Gillespie asked if mariner transportation was being considered as it was mentioned at the 2045 LRTP Subcommittee meeting.

Mr. Wood replied they discussed the general issue of environment and the fact that they will go through the process of environmental mitigation through the resource agencies.

Chairperson Gillespie stated she thought it referred to boat transportation.

Mr. Storke replied the statement referred to sea level rise.

Ms. Habel referred to the list of 10 planning factors in the goals and objectives and asked if those were in a priority order.

Mr. Wood replied they are within the order of the federal law; it is not suggesting one has priority over another but that they are 10 collective planning factors.

Ms. Habel referred to planning factor 8, “emphasize the preservation of the existing transportation system”, and asked if there are instances where the existing system is not worth preserving.

Mr. Wood replied this planning factor refers to general operation and maintenance and preservation of system as the desire to be kept. There are instances where a project may be in a location where it is deemed not appropriate to continue investing funding in it.

Ms. Habel referred to the goals listed on page 3 and asked if these goals are listed in a hierarchy order. She asked if economic development had a higher priority than livability.
Mr. Wood replied no; an earlier version of the goals was numbered but they removed the numbering to be clear they are not an hierarchy. However, for the simplicity of reference, the objectives are in a numbered order but they are of equal priority.

Ms. Habel asked if two goals come into conflict are they resolved on a case-by-case basis.

Mr. Wood replied typically, yes. There will be decisions made at the long range planning level that will try to balance all of these issues; the economic needs and the environmental issues. As each project moves forward it has its own process outside of the long range planning process that will deal with those kinds of benefits and values of the project.

Ms. Habel commented this is on several levels; federal, state, city and county. She asked if a city has a stronger emphasis on economic development than the county does if they are allowed to go ahead with their project if it is detrimental to the environment.

Mr. Wood replied these goals guide the collection of projects included in the LRTP. Individual projects go through a process of determining what the environmental impact is and if it can move forward. It is a collective of decisions that happen at the TPO Board and respective local governments. The intent is to balance these goals as much as possible to create a future set of projects that reflect the values of the TPO area as a whole.

Discussion continued.

Mr. Peterson referred to Objective 2.1 and the statement “supports economic growth and diversity” and stated he does not think it fits that section; diversity issues would be better addressed in Objectives 1.3 and 5.2 where it talks about ease of access and community development.

Mr. Wood replied Objective 2.1 was written to be consistent with the collective state effort to diversify our economy.

Mr. Peterson stated perhaps it could be worded better; diversity to him means diversity of population, background and economic circumstances. He referred to Objective 4.4 under safety and commented in lieu of the problems Volusia and Flagler County have had with hurricanes and erosion, evacuation plans should be a higher objective than 4.4; he suggested placing it above the safety of airports.

Mr. Wood replied the objectives are not in an order to suggest priority; Objective 4.4 is no less important than Objective 4.1. It is not intended to suggest one objective is more important than another.

Mr. Peterson asked if that could be indicated somewhere because objectives are generally in order of importance.

Mr. Wood replied they will make that clear.

**MOTION:** A motion was made by Mr. Peterson to recommend approval of the 2045 Long Range Transportation Plan (LRTP) Goals and Objectives. The motion was seconded by Ms. Elliott and carried unanimously.

**D. Review and Recommend Approval of Resolution 2019-## Supporting the County of Volusia in the Development of Intersection Improvements at Tomoka Farms Road (CR 415) and Pioneer Trail (CR 4118)**

Ms. Nicoulin stated a presentation on intersection improvements at Tomoka Farms Road and Pioneer Trail was on the agenda last month but due to time constraints was not given. Ms. Winsett, Volusia County Traffic Engineering, will give the presentation to provide context as to what this resolution is supporting.

Ms. Winsett gave a PowerPoint presentation and stated Volusia County recently completed a study at this intersection as a result of several crashes and the fatality of a Volusia County Deputy Sheriff. She reviewed the
existing conditions; both of these roads are high speed roads at 45 miles per hour (mph) and 50 mph respectively. The study looked at existing conditions, traffic counts and crash summaries; there has been an increase in crashes with one fatality and several serious injuries. The study concluded a traffic signal is warranted; the issue is lack of right-of-way. The two choices for improvements include a traffic signal and a roundabout; there are fewer conflict points with a roundabout. There were questions about roundabouts being appropriate in a rural environment; they are and have been implemented throughout the state. She referred to the new roundabout at SR 44 and Grand Avenue in DeLand as an example. The study came up with both short term and long term improvements; the short term improvements were made quickly. The county installed leading edge LED stop signs, reflective tape on the posts of the stop signs, rumble strips and trimmed trees. The study concluded the roundabout is the better choice as a long term improvement but the Volusia County Council will make the final decision. The cost of a traffic signal will be approximately $1.8 million; right-of-way is needed so the county may have to take the property of the Cabbage Patch Bar; they do not want to do that. The cost of a roundabout is approximately $2.9 million; much of that cost is for right-of-way. They can shift the roundabout to the southwest to avoid the Cabbage Patch Bar property. The advantage of a roundabout is it slows down the traffic and allows drivers to see pedestrians.

Chairperson Gillespie asked if the roundabout would have an elevated center and warning lights as drivers approach it.

Ms. Winsett replied it will have an elevated center but they do not know the design yet. The next step is to obtain funding for the long term improvements. The direction has been to apply for funding through various sources; appropriations, state safety funds and through the TPO’s priority process.

Mr. Peterson asked how much safer a roundabout would be compared to a traffic signal.

Ms. Winsett replied she cannot quantify it but a roundabout is generally safer because of the conflict points; points where a crash could occur. A roundabout has 8 conflict points versus 32 conflict points with a traffic signal.

Chairperson Gillespie stated she has been told the roundabout in Deland is 2.5 times safer than the traffic signal.

Mr. Ball asked if the cost of the roundabout includes the right-of-way and how much it would be if the roundabout was not offset and it was necessary to take the Cabbage Patch Bar right-of-way.

Ms. Winsett replied it includes right-of-way but not the Cabbage Patch Bar as they are going to try to avoid that as much as possible.

Chairperson Gillespie referred to the LED stop signs and asked how much they cost; she thinks they are $7,200 each.

Ms. Winsett replied she was not sure of the exact cost but they are expensive and have to be maintained.

Ms. Habel referred to the crash statistics and asked if the months that had the highest incidents were looked at; if there was a relationship to Bike Week and Biketoberfest.

Ms. Winsett replied there is always a spike in crashes during those events.

Ms. Habel asked if those crashes involved vehicles, motorcycles, or pedestrians.

Ms. Winsett replied that data is in the study; it is not broken down in this presentation.

Ms. Habel asked if incidents have decreased at this intersection since the temporary improvements were made; she asked when the improvements were installed.
Ms. Winsett replied there has not been enough time to gauge the effectiveness yet; some improvements were installed immediately and the rumble strips were installed three weeks ago. The county will continue to monitor the statistics.

Ms. Habel asked if the committee was voting only on general intersection improvements.

Ms. Nicoulin stated this resolution does not identify a solution or a design but it is a resolution of support for the development of improvements at this particular intersection. At last month’s TPO Board meeting, this presentation was given and the board directed staff to draft a resolution of support that the committee is voting on today. She referred to Mr. Peterson’s question regarding roundabouts versus traffic signals and stated statistics show there is a 90% reduction in fatalities and a 75% reduction in serious injuries with a roundabout. That has to do with the speed within the roundabout as well as the types of crashes; they are not right-angle crashes but sideswipe type crashes.

Mr. Peterson replied it also has to do with the type of road the roundabout is on; it is questionable on a high-speed road versus a rural road.

**MOTION:** A motion was made by Mr. Storke to recommend approval of Resolution 2019-## supporting the County of Volusia in the development of intersection improvements at Tomoka Farms Road (CR 415) and Pioneer Trail (CR 4118). The motion was seconded by Ms. Lendian and carried unanimously.

**E. Review and Recommend Approval of Resolution 2019-## Adopting the Community Safety Action Plan (CSAP)**

Ms. Blankenship stated the draft Community Safety Action Plan (CSAP) was presented last month and there have been no changes.

**MOTION:** A motion was made by Ms. Habel to recommend approval of Resolution 2019-## adopting the Community Safety Action Plan (CSAP). The motion was seconded by Mr. Strcula and carried unanimously.

**F. Review and Recommend Approval of Resolution 2019-## Adopting the FY 2018/19 Public Involvement Report**

Ms. Blankenship stated the FY 2018/19 Public Involvement Report was also presented last month.

Mr. Peterson stated he made a suggestion last month regarding the TPO’s response to public requests and asked what it now says.

Ms. Blankenship replied she made that adjustment; it was under the attendance rates and it states when a member is unable to attend a meeting TPO staff asks them to send the alternate in their place rather than request they send an alternate.

Mr. Peterson stated that is not his question; his question referred the response of a public request. It stated it would be done in an efficient manner and he had suggested it state in a timely manner and in accordance with state law.

Ms. Blankenship replied she would make that adjustment; to have it state “in a timely and efficient manner and in accordance with state law”.

**MOTION:** A motion was made by Ms. Habel to recommend approval of Resolution 2019-## adopting the FY 2018/19 Public Involvement Report as amended. The motion was seconded by Mr. Peterson and carried unanimously.
G. **Review and Recommend Approval of the Priority Project Applications for Traffic Operations/Safety and Local Initiatives Projects and Transportation Planning Studies**

Ms. Nicoulin stated the project applications for Traffic Operations/Safety and Local Initiatives projects and Transportation Planning studies for implementation and feasibility studies are provided in the agenda. There are no significant changes; the applications have been updated to reflect the current year. There is one change to the project implementation application, Criteria 7, regarding local matching funds. Project applicants can receive extra points for providing more than the required 10% match; it has been specified in the application no extra points are awarded for providing the minimum 10% match.

Mr. Peterson referred to the change regarding cost overruns and asked if cost overruns had been split into two categories; in one category there is no expense to the applicant but in the other circumstance the cost is to be borne by the applicant. He asked what this change does; if it recombines the separate circumstances. It states any cost overruns encountered on a project funded with state and/or federal funds are the responsibility of the applicant.

Ms. Nicoulin replied correct; the resolution defining a cost overrun versus a cost increase was amended last year; a cost overrun is defined as something that is within the control of the applicant such as not providing an updated cost estimate as required or a change in scope. A cost increase is an increase in the project that may have to do with the market status or is something out of control of the project applicant.

**MOTION:** A motion was made by Mr. Peterson to recommend approval of the priority project applications for Traffic Operations/Safety and Local Initiatives projects and Transportation Planning studies. The motion was seconded by Ms. Lendian and carried unanimously.

H. **Review and Recommend Approval of Resolution 2019-## Amending the Local Match Requirements Placed on Member Local Governments for Projects Prioritized for Funding by the TPO**

Ms. Nicoulin stated there is one minor change to this resolution; the word “minimum” has been inserted to clarify the 10% local match is the minimum in Item 2. Project sponsors can, and are encouraged to, submit more than the minimum required 10% for extra points.

**MOTION:** A motion was made by Ms. Elliott to recommend approval of Resolution 2019-## amending the local match requirements placed on member local governments for projects prioritized for funding by the TPO. The motion was seconded by Mr. Storke and carried unanimously.

I. **Review and Recommend Approval of Resolution 2019-## Amending the Policy for Establishing and Maintaining Transportation Priority Projects**

Ms. Nicoulin stated there is one minor change to this resolution; Item 13 requires project sponsors to submit letters of support for their projects on the priority list as well as provide updated cost estimates. A requirement to provide letters of support for Transportation Regional Incentive Program (TRIP) projects has been added as well as to confirm the 50% required match will be available when the projects are ready to be programmed.

**MOTION:** A motion was made by Mr. Castagnacci to recommend approval of Resolution 2019-## amending the policy for establishing and maintaining transportation priority projects. The motion was seconded by Ms. Habel and carried unanimously.

J. **Appointment of Unified Planning Work Program (UPWP) Subcommittee Members**

Ms. Nicoulin stated every two years the TPO develops the Unified Planning Work Program (UPWP); this document is the TPO’s staff work plan and includes the projects and activities staff will work on, budgeting, how staff will spend their time and identifies deliverables. The TPO is getting ready to develop the next UPWP which will take effect July 1, 2020 through June 30, 2022. A subcommittee is formed from the BPAC, CAC and TCC to identify projects and programs the TPO will put into the UPWP. It is anticipated the UPWP Subcommittee will
meet once in December. Once the subcommittee is formed a Doodle poll will be sent to the subcommittee members asking for their availability. She asked for volunteers for the UPWP Subcommittee.

Mr. Strcula and Mr. Ball volunteered.

**MOTION:** A motion was made by Mr. Storke to appoint Mr. Strcula and Mr. Ball to the Unified Planning Work Program (UPWP) Subcommittee. The motion was seconded by Mr. Castagnacci and carried unanimously.

K. Cancellation of December CAC Meeting

**MOTION:** A motion was made by Mr. Strcula to cancel the December CAC meeting. The motion was seconded by Ms. Lendian and carried unanimously.

IV. Presentation Items

A. Presentation and Discussion of Update of the I-95 and Pioneer Trail Interchange

Ms. Heather Grubert, FDOT Project Manager, gave a PowerPoint presentation of the I-95 and Pioneer Trail Interchange. She stated FDOT just completed the value engineering study for this project; the purpose of that is to apply common sense and technical knowledge directed at funding and eliminating unnecessary cost on the project. She reviewed the five-step process and stated they are currently in the second step which is the project development and environment study where they will determine a feasible alternative for a new interchange. The next steps are design, right-of-way acquisition and construction. She reviewed the purpose and need of the project and stated this project is included in the TPO’s List of Priority Projects (LOPP). They held two public meetings and received feedback; support was received for having another interchange access and for enhancing emergency evacuations. The opposition received regarded increased traffic on Pioneer Trail as well as for environmental impacts. They also received comments regarding widening Pioneer Trail and the need for sidewalks and bike lanes on Pioneer Trail. She reviewed the three alternatives for the interchange and stated a “no-build” alternative was also considered. The majority of public input supports Alternative 3 which is the partial cloverleaf #2. They expect to hold another public hearing in the spring of 2020. She reviewed the schedule and stated they expect to have federal approval in the summer of 2020.

Chairperson Gillespie stated as a resident of the area and having no emergency egress except for SR 44, she is looking forward to this project as it will lessen traffic on SR 44.

Ms. Foltz asked if they looked at the land use in the area.

Ms. Grubert replied yes; they look at future land use as well as any planned developments that have already been approved.

Ms. Foltz commented that one of the problems at the interchange at US 1 in Ormond Beach is the Burger King and gas station are right at the intersection and it causes an issue; she asked if there would be driveways in the area.

Ms. Grubert replied there will be limited access and they cannot have driveways there.

B. FDOT Report

The FDOT report is provided in the agenda.

Ms. Wyche announced a public hearing regarding proposed improvements on SR 44 at Eddie Road and Ingham Road will be held Thursday, November 21, 2019 at 5:00 pm at the Alonzo “Babe” James Community Center in New Smyrna Beach.
C. Volusia and Flagler County Construction Reports

Ms. Winsett announced the Volusia County draft Roadway Program as well as an overview of funding was presented to the Volusia County Council earlier today; it was approved. The County Council directed county staff to review the Taylor Road four-laning project to move it forward and to complete a feasibility study of Taylor Branch Road in Port Orange. This information can be found on www.volusia.org.

V. Staff Comments

(Handout)

Ms. Nicoulin referred to the handout regarding the TPO’s Annual Year End Celebration and announced it will be held Friday, December 13, 2019 from 3:00 pm to 5:00 pm. As part of this celebration, the TPO holds a toy drive; she invited members to attend and bring an unwrapped toy.

VI. CAC Member Comments

Mr. Peterson commented he traveled US 1 through the new roundabout today and noted the signage and speed limit is better; however, it still comes as a surprise for drivers not familiar with the road. He suggested more signage to guide drivers through it. The right-hand lane of I-95 is bad; it is rough, broken and in some places the asphalt is completely worn away. It needs immediate repair as it will only get worse.

Ms. Habel referred to the intersection of Tomoka Farms Road and the Bellevue Avenue extension; it is a log jam when making a left-hand turn on to Tomoka Farms Road. It is on an honor system that does not work and the intersection is frequently blocked. She asked if the intersection was the responsibility of the city or the county as it needs to be looked at and improved.

Ms. Winsett replied she is not sure; Bellevue Avenue is a county road as is Tomoka Farms Road but Mr. Jon Cheney, Volusia County Traffic Engineering Director, has been coordinating with FDOT to have the improvements made because it is part of the interchange system.

Ms. Habel stated she has asked the question before and would like to have an answer next year. It is particularly bad when the flea market is open and during Bike Week events.

Ms. Nicoulin replied the TPO will look into it and the improvements being proposed at Tomoka Farms Road and US 92; these would be long term improvements. The Bellevue Avenue extension and Tomoka Farms Road are county roads but what also plays into that traffic log jam is the close proximity of that intersection to US 92 which is a state road. There is coordination and conceptual plans being reviewed by the state for the US 92 and Tomoka Farms Road intersection; it is difficult to make improvements at that intersection without looking at the Bellevue Avenue extension and Tomoka Farms Road intersection. It is a complex situation given the different agencies involved; it has been identified that there is an issue regards to traffic flow and turning onto the Bellevue Avenue extension. She will follow up with FDOT on the study being done on US 92 and how it takes into account the proximity of the Bellevue Avenue extension intersection and see about having a presentation from FDOT if they have something ready to present.

Ms. Habel stated she frequently travels SR 400 onto I-4 by the construction and there are days when there are trucks there but no one is working. Coming from DeLand on I-4 to SR 400 in Daytona Beach traffic cones have been blocking the right lane for a long time and there is never any work going on in the right lane. It converges at a dangerous place where drivers are having to get into the left lane; she asked why nothing is happening there at SR 400 and I-95.

Ms. Nicoulin replied she would coordinate with Ms. Wyche to identify the progress of when that lane will open up and the other issues she discussed as well.

Ms. Foltz referred to the new signage on I-95 northbound past Ormond Beach; however, the new LED sign shows US 1 as being 28 miles away but US 1 is only 4 miles away. The next sign at 5 miles north is US 1 in Bunnell. The sign makes
no sense; she knows the sign is geared to show US 1 in St. Johns County to St. Augustine but the sign is confusing and should be switched to 4 miles versus 28 miles.

VII. Information Items

→ CAC & TCC Attendance Records
→ October 23, 2019 River to Sea TPO Board Meeting Summary
→ October 2019 TPO Outreach and Events
→ 10-15-19 2045 LRTP Subcommittee Report
→ Acronyms
→ 2020 R2CTPO Meeting Schedule
→ FDOT Work Program Variance Letter
→ Federal Certification Letter

VIII. Adjournment

There being no further business, the CAC meeting adjourned at 2:34 p.m.
TCC Members Present:  
Andrew Holmes  
Arlene Smith  
Matt Boerger  
Anna Cava Grasso  
Ron Paradise  
Darren Lear  
Brian Walker  
Rebecca Witte  
Becky Mendez, Vice Chairperson  
Shawn Finley  
Jose Papa, Chairperson  
Aref Joulani  
Tim Burman  
Frank Alvarez  
Eric Kozielski  
Melissa Winsett  
Edie Biro  
Vickie Wyche (non-voting advisor)

Representing:  
Daytona Beach  
Daytona Beach Int’l Airport  
DeBary  
DeLand  
Deltona  
Edgewater  
Holly Hill  
Lake Helen  
Orange City  
Ormond Beach  
Palm Coast  
Ponce Inlet  
Port Orange  
Votran  
Volusia County School District  
V.C. Traffic Engineering  
Votran  
FDOT District 5

TCC Members Absent:  
Rodney Lucas  
Stewart Cruz  
Larry Newsom  
Faith Alkhatib  
Amye King (excused)  
Mark Karet  
Brian Peek  
Lauren Possinger

Representing:  
Bunnell  
Daytona Beach Shores  
Flagler Beach  
F.C. Traffic Engineering  
New Smyrna Beach  
Pierson  
South Daytona  
V.C. Emergency Management

Others Present:  
Debbie Stewart, Recording Secretary  
Colleen Nicoulin  
Lois Bollenback  
Stephan Harris  
Pam Blankenship  
Tony Nosse  
Heather Grubert  
April Bacchus  
Jim Wood  
Peter Youssef  

Representing:  
TPO Staff  
TPO Staff  
TPO Staff  
TPO Staff  
TPO Staff  
FDOT  
FDOT  
ETM, Inc.  
Kimley-Horn, Inc.  
New Smyrna Beach

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

Chairperson Papa called the meeting of the River to Sea Transportation Planning Organization (TPO) Technical Coordinating Committee (TCC) to order at 3:00 p.m. The roll was called and it was determined that a quorum was present.

II. Press/Citizen Comments

There were no press/citizen comments.
III. Action Items

A. Review and Approval of October 15, 2019 TCC Meeting Minutes

*MOTION:* A motion was made by Mr. Lear to approve the September 17, 2019 TCC meeting minutes. The motion was seconded by Mr. Holmes and carried unanimously.

B. Review and Recommend Approval of Resolution 2019-## Amending the FY 2019/20 to 2023/24 Transportation Improvement Program (TIP)

Ms. Nicoulin stated this Transportation Improvement Program (TIP) amendment programs Federal Transit Administration (FTA) funds into the current year.

*MOTION:* A motion was made by Mr. Walker to recommend approval of Resolution 2019-## amending the FY 2019/20 to 2023/24 Transportation Improvement Program (TIP). The motion was seconded by Mr. Lear and passed unanimously.

C. Review and Recommend Approval of the 2045 Long Range Transportation Plan (LRTP) Goals and Objectives

Mr. Wood stated the goals and objectives are the primary focus of the 2045 LRTP; he gave a summary of the goals and objectives. They provide direction and inform the overall process of prioritization; criteria will be developed from them that will be used to select projects to be included in the 2045 LRTP. They took the goals and objectives of the existing 2040 LRTP and made modifications to them. In addition, four new objectives have been added which he reviewed.

*MOTION:* A motion was made by Mr. Lear to recommend approval of the 2045 Long Range Transportation (LRTP) Goals and Objectives. The motion was seconded by Mr. Holmes and passed unanimously.

D. Review and Recommend Approval of Resolution 2019-## Supporting the County of Volusia in the Development of Intersection Improvements at Tomoka Farms Road (CR 415) and Pioneer Trail (CR 4118)

Ms. Nicoulin stated Mr. Jon Cheney, Volusia County Traffic Engineering, gave a presentation last month on the proposed intersection improvements at Tomoka Farms Road and Pioneer Trail. There have been several recent accidents at this intersection; one resulted in a fatality. Volusia County conducted a study that identified short-term improvements and long-term improvements. A number of the short-term improvements have been implemented. This was also discussed at the TPO Board meeting last month and the TPO Board directed staff to develop a resolution supporting improvements at this intersection. This resolution supports Volusia County in pursuing intersection improvements; it does not identify which improvement. There was discussion for a traffic signal and a roundabout.

Mr. Paradise stated the City of Deltona passed a similar resolution last night.

*MOTION:* A motion was made by Mr. Paradise to recommend approval of Resolution 2019-## supporting the County of Volusia in the development of intersection improvements at Tomoka Farms Road (CR 415) and Pioneer Trail (CR 4118). The motion was seconded by Ms. Winsett and passed unanimously.

E. Review and Recommend Approval of Resolution 2019-## Adopting the Community Safety Action Plan (CSAP)

Ms. Blankenship stated the draft Community Safety Action Plan (CSAP) was presented last month and there have been no changes.
MOTION: A motion was made by Mr. Lear to recommend approval of Resolution 2019-## adopting the Community Safety Action Plan (CSAP). The motion was seconded by Mr. Walker and passed unanimously.

F. Review and Recommend Approval of Resolution 2019-## Adopting the FY 2018/19 Public Involvement Report

Ms. Blankenship stated this was also presented last month; the CAC approved a motion to add “in accordance with state law” under the public records section regarding the TPO’s response to a public records request.

MOTION: A motion was made by Mr. Lear to recommend approval of Resolution 2019-## adopting the FY 2018/19 Public Involvement Report as amended. The motion was seconded by Ms. Biro and passed unanimously.

G. Review and Recommend Approval of the Priority Project Applications for Traffic Operations/Safety and Local Initiatives Projects and Transportation Planning Studies

Ms. Nicoulin stated the project applications for Traffic Operations/Safety and Local Initiatives projects and Transportation Planning studies for implementation and feasibility studies are provided in the agenda. There are no significant changes; the applications have been updated to reflect the current year. There is one change to the project implementation application, of Criteria 7, regarding local matching funds. Project applicants can receive extra points for providing more than the required 10% match; it has been specified in the application no extra points are awarded for providing the minimum 10% match.

MOTION: A motion was made by Mr. Lear to recommend approval of the priority project applications for Traffic Operations/Safety and Local Initiatives projects and Transportation Planning studies. The motion was seconded by Ms. Mendez and passed unanimously.

H. Review and Recommend Approval of Resolution 2019-## Amending the Local Match Requirements Placed on Member Local Governments for Projects Prioritized for Funding by the TPO

Ms. Nicoulin stated there is one minor revision to this resolution; item 2 adds the word “minimum” to the 10% local match requirement to clarify that 10% is the minimum; project sponsors can provide a match higher than 10% and are encouraged to do so.

Ms. Grasso stated the city of DeLand wants the local match to stay at 10%.

Ms. Nicoulin replied the required local match is 10% and that is not changing; some cities, such as Deltona who typically match 33%, do provide a higher match to get extra points.

MOTION: A motion was made by Mr. Lear to recommend approval of Resolution 2019-## amending the local match requirements placed on member local governments for projects prioritized for funding by the TPO. The motion was seconded by Mr. Joulani and passed unanimously.

I. Review and Recommend Approval of Resolution 2019-## Amending the Policy for Establishing and Maintaining Transportation Priority Projects

Ms. Nicoulin stated there is one change to this resolution; section 13 requires a local government to submit a letter to the TPO confirming their support for their projects on the priority list as well as providing updated cost estimates. The change is requiring cities that have Transportation Regional Incentive Program (TRIP) eligible projects to provide a commitment of matching funds in the letter as well.

Mr. Walker asked when this letter is due.

Ms. Nicoulin replied when the project applications are due; it will be March 31, 2020. This is no different than in the past; for projects they have on the priority list the local government will submit a letter that they want to
keep the project on the priority list and submit an updated cost estimate as well for projects that have not been funded.

Mr. Walker asked how this resolution has changed.

Ms. Nicoulin replied if a local government has a project on the TRIP list, the TPO is asking for that information to be included in the letter as well.

Mr. Finley asked if the TPO was looking for more than a letter as a commitment of funds would require action from the city commission.

Ms. Nicoulin replied however the local government is committing the funds needs to be within the letter. The letters the TPO have received from Volusia County for projects on the TRIP list required Volusia County Council action. Since the funds being committed would be in a local governments budget that information would need to be included in the letter.

Mr. Finley asked if the letter would suffice if it stated it follows up on support previously offered.

Ms. Nicoulin replied yes as long as the commitment is still valid as we move into the next Work Program cycle.

Mr. Paradise asked where he could find the TRIP list.

Ms. Nicoulin replied it was provided in a previous agenda but she would provide it to everyone.

**MOTION:** A motion was made by Mr. Lear to recommend approval of Resolution 2019-## amending the policy for establishing and maintaining transportation priority projects. The motion was seconded by Mr. Walker and passed unanimously.

**J. Appointment of Unified Planning Work Program (UPWP) Subcommittee Members**

Ms. Nicoulin stated every two years the TPO develops the Unified Planning Work Program (UPWP); this document is the TPO’s staff work plan and includes the projects and activities staff will work on, budgeting, how staff will spend their time and identifies deliverables. For example, the CSAP that was just approved is in the current UPWP as a deliverable. The TPO is getting ready to develop the next UPWP which will take effect July 1, 2020 through June 30, 2022. A subcommittee is formed from the BPAC, CAC and TCC to identify projects and programs the TPO will put into the UPWP. It is anticipated the UPWP Subcommittee will meet once in December. Once the subcommittee is formed a Doodle poll will be sent to the subcommittee members for their availability. She asked for volunteers for the UPWP Subcommittee.

Mr. Kozielski and Mr. Holmes volunteered.

**MOTION:** A motion was made by Ms. Biro to appoint Mr. Eric Kozielski and Mr. Andrew Holmes to the Unified Planning Work Program (UPWP) Subcommittee. The motion was seconded by Mr. Lear and passed unanimously.

**K. Cancellation of December TCC Meeting**

**MOTION:** A motion was made by Mr. Lear to cancel the December TCC meeting. The motion was seconded by Ms. Mendez and passed unanimously.

**IV. Presentation Items**

**A. Presentation and Discussion of the I-95 and Pioneer Trail Interchange**

Ms. Nicoulin introduced Ms. Heather Grubert, FDOT Project Manager, to give the presentation.
Ms. Grubert gave a PowerPoint presentation of the I-95 and Pioneer Trail Interchange. She stated FDOT just completed the value engineering study for this project; the purpose of that is to apply common sense and technical knowledge directed at funding and eliminating unnecessary cost on the project. She reviewed the five-step process and stated they are currently in the second step which is the project development and environment study where they will determine a feasible alternative for a new interchange. The next steps are design, right-of-way acquisition and construction. She reviewed the purpose and need of the project and stated this project is included in the TPO’s List of Priority Projects (LOPP). They held two public meetings and received feedback; support was received for having another interchange access and for enhancing emergency evacuations. The opposition received regarded increased traffic on Pioneer Trail as well as for potential environmental impacts. They also received comments regarding widening Pioneer Trail and the need for sidewalks and bike lanes on Pioneer Trail. They are not looking to acquire any right-of-way in the southeast quadrant. She reviewed the three alternatives for the interchange and stated a “no-build” alternative was also considered. The majority of public input supports Alternative 3 which is the partial cloverleaf #2; they felt this is the safest alternative.

Mr. Lear referred to Alternative 3 and asked if this was the one without the southeast quadrant right-of-way.

Ms. Grubert replied yes; this is what the majority of the public wanted to see. All three alternatives are consistent and have the same level of service. They have support documentation for all three alternatives and expect to hold another public hearing in the spring of 2020. She reviewed the schedule and stated they expect to have federal approval in the summer of 2020.

Mr. Lear referred to the preferred alternative and asked if it would go past Pioneer Trail.

Ms. Grubert replied yes; it loops around and there will be a traffic signal to turn right or left

B. FDOT Report

The FDOT report is provided in the agenda.

Ms. Wyche announced a public hearing regarding proposed improvements on SR 44 at Eddie Road and Ingham Road will be held Thursday, November 21, 2019 at 5:00 pm at the Alonzo “Babe” James Community Center in New Smyrna Beach.

C. Volusia and Flagler County Construction Reports

Ms. Winsett announced the Volusia County draft Roadway Program as well as an overview of funding was presented to the Volusia County Council earlier today; it was approved. The County Council directed county staff to review the Taylor Road four-laning project to move it forward and to complete a feasibility study of Taylor Branch Road in Port Orange. This information can be found on www.volusia.org.

V. Staff Comments

(Handout)

Ms. Nicoulin referred to the handout regarding the TPO’s Annual Year End Celebration and announced it will be held Friday, December 13, 2019 from 3:00 pm to 5:00 pm. As part of this celebration, the TPO holds a toy drive; she invited members to attend and bring an unwrapped toy.

VI. TCC Member Comments

Ms. Mendez thanked Ms. Wyche for scheduling a meeting with the FDOT D-5 Secretary regarding the west side of Volusia County; it was a very productive meeting.
VII. Information Items

→ CAC & TCC Attendance Records
→ October 23, 2019 River to Sea TPO Board Meeting Summary
→ October 2019 TPO Outreach and Events
→ 10-15-19 LRTP Subcommittee Report
→ Acronyms
→ 2020 R2CTPO Meeting Schedule
→ FDOT Work Program Variance Letter
→ Federal Certification Letter

VIII. Adjournment

There being no further business, the TCC meeting adjourned at 3:31 p.m.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

_______________________________________
MR. JOSE PAPA, 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 November 19, 2019 regular meeting of the Technical Coordinating Committee (TCC), approved and duly signed this 21st day of January 2020.

_______________________________________
DEBBIE STEWART, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION
MEETING SUMMARY  
CAC & TCC  
JANUARY 21, 2020

III. ACTION ITEMS

B. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2020-## SUPPORTING ALTERNATIVE 3 (PARTIAL CLOVERLEAF #2) OF THE I-95 AND PIONEER TRAIL PD&E

Background Information:

At the November TCC/CAC and Board Meetings, FDOT provided a presentation of the technical evaluation of project design alternatives for the proposed interchange at I-95 and Pioneer Trail. FDOT evaluated and presented four future alternatives, including three design options and a “no build” scenario as part of the PD&E. Following discussion at the TPO Board Meeting, staff was directed to prepare a resolution supporting Alternative 3 (Partial Cloverleaf #2) as the most viable alternative.

Resolution 2020-## supporting Alternative 3 (Partial Cloverleaf #2) is provided for review.

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF RESOLUTION 2020-## SUPPORTING ALTERNATIVE 3 (CLOVERLEAF #2) OF THE I-95 AND PIONEER TRAIL PD&E
RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION
CONFIRMING SUPPORT FOR A LOCALLY PREFERRED ALTERNATIVE FOR THE
DESIGN OF THE I-95 INTERCHANGE AT PIONEER TRAIL

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

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

WHEREAS, the adopted 2040 Long Range Transportation Plan includes development of a new interchange on I-95 at Pioneer Trail as part of the cost feasible set of projects; and

WHEREAS, the Florida Department of Transportation (FDOT) has initiated a Project Development and Environmental (PD&E) for the purpose of developing an interchange project that will sustain projected future growth while preserving the character of the existing community, improve regional mobility, and improve safety and emergency evacuation; and

WHEREAS, the PD&E study is required to assess various project design options and environmental impacts of the interchange and to engage the public in providing input regarding project development; and

WHEREAS, the FDOT evaluated four future alternatives including three design options and a “no build” scenario as part of the PD&E; and

WHEREAS, the data and findings presented to the River to Sea TPO by the FDOT identifies an alternative titled “Partial Cloverleaf #2” as the most viable alternative.

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

1. River to Sea TPO hereby endorses the “Partial Cloverleaf #2” design option as the Locally Preferred Alternative for development of the I-95 interchange at Pioneer Trail; and
2. The Chairperson of the River to Sea TPO (or his/her designee), is hereby authorized and directed to submit this resolution to the:
   
a. Florida Department of Transportation, District 5 Secretary; and the
b. County of Volusia.

DONE AND RESOLVED at the regular meeting of the River to Sea Transportation Planning Organization on the 22nd day of January 2020.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

________________________________________
DAYTONA BEACH COMMISSIONER ROB GILLILAND
CHAIRPERSON, RIVER TO SEA TPO

CERTIFICATE:

The undersigned, duly qualified and acting Recording Secretary of the River to Sea TPO, certifies that the foregoing is a true and correct copy of a resolution adopted at a legally convened meeting of the River to Sea TPO held on January 22, 2020.

ATTEST:

______________________________________
DEBBIE STEWART, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION
IV. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

A. PRESENTATION AND DISCUSSION OF THE DEVELOPMENT OF THE 2045 LONG RANGE TRANSPORTATION PLAN (LRTP)

Background Information:

The Connect 2045 Draft Revenue Financial Forecast, developed in accordance with the FDOT Revenue Forecasting Guidebook, identifies available federal, state and local transportation funding projected throughout the period of the 2045 Long Range Transportation Plan.

The TPO’s LRTP Consultant with Kimley-Horn and Associates, will present the Draft Connect 2045 Revenue Summary.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE
## Connect 2045 Revenue Forecast

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Projected Revenues 2026-2045</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Projected State and Federal Revenues</strong></td>
<td></td>
</tr>
<tr>
<td>Other Roads Construction &amp; ROW</td>
<td>$872,750,000</td>
</tr>
<tr>
<td>TMA (for MPO Population &gt; 200,000)</td>
<td>$112,910,000</td>
</tr>
<tr>
<td>TALU (Transportation Alternatives for TMAs)</td>
<td>$9,120,000</td>
</tr>
<tr>
<td><strong>Strategic Intermodal System Projects</strong></td>
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</tr>
<tr>
<td>SIS Revenues</td>
<td>$1,664,036,000</td>
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<tr>
<td><strong>Projected Local Revenues</strong></td>
<td></td>
</tr>
<tr>
<td>Volusia County Revenues</td>
<td>$1,103,239,000</td>
</tr>
<tr>
<td>Flagler County Revenues</td>
<td>$357,555,000</td>
</tr>
<tr>
<td><strong>Projected Transit Revenues</strong></td>
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</tr>
<tr>
<td>Volusia County Transit Revenues</td>
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<td>Flagler County Transit Revenues</td>
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<tr>
<td><strong>Total</strong></td>
<td>$5,033,756,000</td>
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## Projected State and Federal Revenues

### Projected State & Federal Revenues

<table>
<thead>
<tr>
<th>Revenue</th>
<th>2026 to 2030</th>
<th>2031 to 2035</th>
<th>2036 to 2045</th>
<th>2045 LRTP Total*</th>
<th>2040 LRTP Total**</th>
<th>Change from 2040 to 2045</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Roads Construction &amp; ROW(^1)</td>
<td>$199,730,000</td>
<td>$217,720,000</td>
<td>$455,300,000</td>
<td>$872,750,000</td>
<td>$409,000,000</td>
<td>213.4%</td>
</tr>
<tr>
<td>TMA (for MPO Population &gt; 200,000)</td>
<td>$28,230,000</td>
<td>$28,230,000</td>
<td>$56,450,000</td>
<td>$112,910,000</td>
<td>$94,400,000</td>
<td>119.6%</td>
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<tr>
<td>TALU (Transportation Alternatives for TMAs)(^****)</td>
<td>$2,280,000</td>
<td>$2,280,000</td>
<td>$4,560,000</td>
<td>$9,120,000</td>
<td>N/A***</td>
<td>N/A***</td>
</tr>
</tbody>
</table>

\(^1\) A portion of Other Roads Construction & ROW revenue may be used for non-State roads.
\(^*\) Includes years 2026 to 2045 (20 years). Note that year 2021 to 2025 revenues will be derived from the Transportation Improvement Program (TIP).
\(^**\) Includes years 2021 to 2040 (20 years)
\(^***\) Not included in 2040 LRTP revenue forecast
\(^****\) In addition to TALU, other competitive funding sources include:
- TALL (Transportation Alternatives for areas with populations between 5,000 and 200,000)
- TALT (Transportation Alternatives for any area of the state)
- TRIP (Transportation Regional Incentive Program)
- TLWR (SUN Trail)
- CIGP (County Incentive Grant Program)
- SCOP (Small County Outreach Program)

Source for State and Federal Revenue Data: FDOT 2045 Revenue Forecast
## Strategic Intermodal System Projects

### Planned SIS Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>2026 to 2030</th>
<th>2031 to 2035</th>
<th>2036 to 2045</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-95, Palm Coast Parkway to Flagler/St. Johns County Line*</td>
<td>$0</td>
<td>$22,500,000</td>
<td>$316,050,000</td>
<td>$338,550,000</td>
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<tr>
<td>SR 100, Old Kings Rd to Belle Terre Pkwy</td>
<td>$0</td>
<td>$3,170,000</td>
<td>$56,775,000</td>
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<td>I-95 at US 1</td>
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<td>$4,200,000</td>
<td>$50,148,000</td>
<td>$54,348,000</td>
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<td>SR 40, Williamson to Breakaway Trail</td>
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<td>$0</td>
<td>$41,175,000</td>
<td>$47,130,000</td>
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<td>I-95 at LPGA</td>
<td>$0</td>
<td>$3,000,000</td>
<td>$29,480,000</td>
<td>$32,480,000</td>
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<tr>
<td>SR 40, CONE RD to SR 11</td>
<td>$181,000</td>
<td>$7,365,000</td>
<td>$72,370,000</td>
<td>$79,916,000</td>
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<tr>
<td>SR 40, SR 11 to SR 15</td>
<td>$319,000</td>
<td>$6,338,000</td>
<td>$62,279,000</td>
<td>$68,936,000</td>
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<tr>
<td>I-95 at Pioneer Trail</td>
<td>$0</td>
<td>$2,775,000</td>
<td>$33,134,000</td>
<td>$35,909,000</td>
</tr>
<tr>
<td>I-95 at SR 44</td>
<td>$0</td>
<td>$2,250,000</td>
<td>$0</td>
<td>$2,250,000</td>
</tr>
<tr>
<td>I-95 at SR 5</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>I-4, Seminole/Volusia C/L to 0.5 mi E of SR 472</td>
<td>$0</td>
<td>$36,923,000</td>
<td>$907,649,000</td>
<td>$944,572,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$6,455,000</strong></td>
<td><strong>$88,521,000</strong></td>
<td><strong>$1,569,060,000</strong></td>
<td><strong>$1,664,036,000</strong></td>
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</table>

*Planned SIS projects are sourced from the SIS Funding Strategy document set ([https://www.fdot.gov/planning/systems/programs/mspi/plans/default.shtm](https://www.fdot.gov/planning/systems/programs/mspi/plans/default.shtm)). NOTE that this project list is not in priority order.

*This project is not in the 2040 LRTP.*
### Projected Local Revenues

#### Projected Volusia County Revenues

<table>
<thead>
<tr>
<th>Revenue</th>
<th>2026 to 2030</th>
<th>2031 to 2035</th>
<th>2036 to 2045</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>County Gas Tax</td>
<td>$12,677,000</td>
<td>$13,368,000</td>
<td>$28,812,000</td>
<td>$54,857,000</td>
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<tr>
<td>Constitutional Gas Tax</td>
<td>$28,720,000</td>
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<td>$64,857,000</td>
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<tr>
<td>Local Option Gas Tax</td>
<td>$46,824,000</td>
<td>$49,811,000</td>
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<td>$205,221,000</td>
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<tr>
<td>9th Cent Gas Tax</td>
<td>$14,685,000</td>
<td>$16,613,000</td>
<td>$34,005,000</td>
<td>$64,303,000</td>
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<tr>
<td>Second Local Option Gas Tax</td>
<td>$34,515,000</td>
<td>$36,639,000</td>
<td>$79,644,000</td>
<td>$150,798,000</td>
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<tr>
<td>Road Impact Fees</td>
<td>$94,250,000</td>
<td>$113,930,000</td>
<td>$296,100,000</td>
<td>$504,280,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$231,671,000</strong></td>
<td><strong>$259,564,000</strong></td>
<td><strong>$612,004,000</strong></td>
<td><strong>$1,103,239,000</strong></td>
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#### Projected Flagler County Revenues

<table>
<thead>
<tr>
<th>Revenue</th>
<th>2026 to 2030</th>
<th>2031 to 2035</th>
<th>2036 to 2045</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>County Gas Tax</td>
<td>$3,286,000</td>
<td>$3,601,000</td>
<td>$8,147,000</td>
<td>$15,034,000</td>
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<tr>
<td>Constitutional Gas Tax</td>
<td>$7,351,000</td>
<td>$8,014,000</td>
<td>$18,016,000</td>
<td>$33,381,000</td>
</tr>
<tr>
<td>Local Option Gas Tax</td>
<td>$2,766,000</td>
<td>$2,929,000</td>
<td>$5,404,000</td>
<td>$11,099,000</td>
</tr>
<tr>
<td>9th Cent Gas Tax</td>
<td>$2,690,000</td>
<td>$2,891,000</td>
<td>$6,390,000</td>
<td>$11,971,000</td>
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<tr>
<td>½ Cent Small County Sales Tax3</td>
<td>$37,323,000</td>
<td>$16,449,000</td>
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<td>$53,772,000</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
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<td><strong>$33,884,000</strong></td>
<td><strong>$37,957,000</strong></td>
<td><strong>$125,257,000</strong></td>
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</tbody>
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<table>
<thead>
<tr>
<th>Palm Coast5</th>
<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
<td>Local Option Gas Tax5</td>
<td>$10,995,000</td>
<td>$11,829,000</td>
<td>$26,160,000</td>
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<td>$41,225,000</td>
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<tr>
<td>Road Impact Fees</td>
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<td><strong>Subtotal</strong></td>
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<td><strong>$232,298,000</strong></td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>$87,242,000</strong></td>
<td><strong>$142,087,000</strong></td>
<td><strong>$357,555,000</strong></td>
</tr>
</tbody>
</table>

---

3The ½ Cent Small County Sales Tax is set to expire in 2032
4The TPO’s planning area in Flagler County is limited to Palm Coast and its immediate surrounding area
573.3% of the Local Option Gas Tax countywide total is distributed to Palm Coast. See the 2018 Local Government Financial Information Handbook, Page 210.
649.9% of the ½ Cent Small County Sales Tax countywide total is distributed to Palm Coast. See the 2018 Local Government Financial Information Handbook, Page 162.
# Projected Transit Revenues

## Projected Volusia County Transit Revenues

<table>
<thead>
<tr>
<th>Revenue</th>
<th>2026 to 2030</th>
<th>2031 to 2035</th>
<th>2036 to 2045</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Operating</td>
<td>$32,495,000</td>
<td>$34,390,000</td>
<td>$74,850,000</td>
<td>$141,735,000</td>
</tr>
<tr>
<td>FDOT State Block Grant</td>
<td>$12,592,000</td>
<td>$13,780,000</td>
<td>$31,146,000</td>
<td>$57,518,000</td>
</tr>
<tr>
<td>FDOT Service Development</td>
<td>$4,696,000</td>
<td>$5,140,000</td>
<td>$11,616,000</td>
<td>$21,452,000</td>
</tr>
<tr>
<td>FDOT Corridor</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Commission for TD Operation</td>
<td>$8,638,000</td>
<td>$9,453,000</td>
<td>$21,365,000</td>
<td>$39,456,000</td>
</tr>
<tr>
<td>Local Operating</td>
<td>$80,552,000</td>
<td>$83,295,000</td>
<td>$174,885,000</td>
<td>$338,732,000</td>
</tr>
<tr>
<td><strong>Capital</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Capital</td>
<td>$46,741,000</td>
<td>$46,306,000</td>
<td>$93,875,000</td>
<td>$186,922,000</td>
</tr>
<tr>
<td>State Capital</td>
<td>$5,192,000</td>
<td>$5,625,000</td>
<td>$12,578,000</td>
<td>$23,395,000</td>
</tr>
<tr>
<td>Local Capital</td>
<td>$4,673,000</td>
<td>$4,630,000</td>
<td>$9,388,000</td>
<td>$18,691,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$195,579,000</strong></td>
<td><strong>$202,619,000</strong></td>
<td><strong>$429,703,000</strong></td>
<td><strong>$827,901,000</strong></td>
</tr>
</tbody>
</table>

## Projected Flagler County Transit Revenues

<table>
<thead>
<tr>
<th>Revenue</th>
<th>2026 to 2030</th>
<th>2031 to 2035</th>
<th>2036 to 2045</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Operating</td>
<td>$5,520,000</td>
<td>$6,053,000</td>
<td>$13,707,000</td>
<td>$25,280,000</td>
</tr>
<tr>
<td>State Operating</td>
<td>$4,279,000</td>
<td>$4,693,000</td>
<td>$10,626,000</td>
<td>$19,598,000</td>
</tr>
<tr>
<td>Local Operating</td>
<td>$4,742,000</td>
<td>$5,200,000</td>
<td>$11,775,000</td>
<td>$21,717,000</td>
</tr>
<tr>
<td><strong>Capital</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Capital</td>
<td>$2,884,000</td>
<td>$3,138,000</td>
<td>$7,039,000</td>
<td>$13,061,000</td>
</tr>
<tr>
<td>State Capital</td>
<td>$1,455,000</td>
<td>$1,583,000</td>
<td>$3,551,000</td>
<td>$6,589,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$18,880,000</strong></td>
<td><strong>$20,667,000</strong></td>
<td><strong>$46,698,000</strong></td>
<td><strong>$86,245,000</strong></td>
</tr>
</tbody>
</table>

7The extrapolation of Flagler transit revenues assuming linear growth based on the values presented in the 2015 TDP resulted in higher-than-expected annual growth. As such, the Flagler transit revenue forecast presented here assumes that the 2025 Flagler transit revenues forecasted in the 2015 TDP will increase at a rate equal to that of total population growth for the County, according to the ZDATA. For capital revenues, values were only forecast to 2020 in the 2015 TDP; in this case, values were extrapolated based on 2020 forecasts.
V. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

B. PRESENTATION AND DISCUSSION OF PLANNING PROJECTS UNDER CONSIDERATION FOR THE TWO-YEAR FY 2020/21 AND 2021/22 UNIFIED PLANNING WORK PROGRAM (UPWP)

Background Information:

The Unified Planning Work Program (UPWP) outlines the annual activities and funding for the TPO over a two-year period. The next two-year UPWP will become effective July 1, 2020. The TPO’s transportation planning activities are funded in large part through federal grants. These federally-funded transportation planning activities must be identified and approved by the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA) and FDOT in advance of each fiscal year. The activities, products and budgeted funds must be documented in the TPO's Unified Planning Work Program (UPWP) which is updated every two years. The UPWP Subcommittee met once in December to discuss the draft task outline and funding table (refer to the UPWP Subcommittee Report in Section VI. Information Items) and recommended projects to be included in the FY 2020/21 to 2021/22 UPWP.

TPO staff will discuss potential planning activities and constraints and seek input from BPAC members.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE
## RIVER TO SEA TPO
### UPWP FY 20/21 & FY 21/22
#### First and Second Years
### Estimated Expenses

<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
<th>FY 20/21 Estimated Total</th>
<th>FY 21/22 Estimated Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.01</td>
<td>General Administration &amp; Program Support¹</td>
<td>$477,680</td>
<td>$484,962</td>
</tr>
<tr>
<td>1.02</td>
<td>Information Technology Systems &amp; Website Support</td>
<td>$47,412</td>
<td>$48,975</td>
</tr>
<tr>
<td>1.03</td>
<td>Public Information²</td>
<td>$68,622</td>
<td>$113,483</td>
</tr>
<tr>
<td>2.01</td>
<td>Program Development (UPWP)</td>
<td>$36,728</td>
<td>$66,302</td>
</tr>
<tr>
<td>2.02</td>
<td>Transportation Improvement Program (TIP) Development</td>
<td>$41,057</td>
<td>$42,885</td>
</tr>
<tr>
<td>2.03</td>
<td>Transportation Data Information Management</td>
<td>$45,527</td>
<td>$46,868</td>
</tr>
<tr>
<td>2.04*</td>
<td>Corridor Studies &amp; Project Support</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>2.05</td>
<td>State &amp; Regional Planning and Coordination</td>
<td>$38,685</td>
<td>$35,209</td>
</tr>
<tr>
<td>2.06</td>
<td>ITS/Traffic Operations/Safety Projects/Feasibility Studies</td>
<td>$140,538</td>
<td>$120,699</td>
</tr>
<tr>
<td>2.07*</td>
<td>Community Transportation Survey</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>2.08</td>
<td>General Planning Studies &amp; Initiatives</td>
<td>$120,517</td>
<td>$140,400</td>
</tr>
<tr>
<td>2.09</td>
<td>2045 Long Range Transportation Plan (LRTP)</td>
<td>$97,620</td>
<td>$0</td>
</tr>
<tr>
<td>2.10</td>
<td>Community Safety-Related Program</td>
<td>$50,741</td>
<td>$46,653</td>
</tr>
<tr>
<td>3.01</td>
<td>Bicycle/Pedestrian Planning &amp; Implementation</td>
<td>$39,948</td>
<td>$41,224</td>
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<tr>
<td>3.02</td>
<td>Bicycle/Pedestrian Project Feasibility Studies</td>
<td>$131,815</td>
<td>$115,682</td>
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<tr>
<td>4.01</td>
<td>Transit Related Activities &amp; TD¹²</td>
<td>$111,844</td>
<td>$77,329</td>
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<tr>
<td>4.02*</td>
<td>Transit Planning Services - General Consulting</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>Totals</td>
<td>$1,448,733</td>
<td>$1,380,670</td>
</tr>
</tbody>
</table>

### Notes:
1. Task 1.01 includes material overhead/operating costs previously included in Task 4.01
2. Task 1.03 includes costs previously included in Task 2.07 ($40k Transportation Survey in year 2) and Task 4.01 (material advertising and postage).

- (*) Shaded Tasks moved/combined as follows:
  - Task 2.04 is combined with Task 2.08
  - Task 2.07 is combined with Task 1.03
  - Task 4.02 is combined with Task 4.01

### Current UPWP
#### FY18/19 & FY19/20

<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
<th>FY18/19 Total</th>
<th>FY19/20 Total</th>
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</thead>
<tbody>
<tr>
<td>1.01</td>
<td></td>
<td>$395,606</td>
<td>$372,185</td>
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<tr>
<td>1.02</td>
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<td>$42,424</td>
<td>$45,080</td>
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<tr>
<td>1.03</td>
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<td>$75,214</td>
<td>$66,235</td>
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<tr>
<td>2.01</td>
<td></td>
<td>$24,226</td>
<td>$45,262</td>
</tr>
<tr>
<td>2.02</td>
<td></td>
<td>$55,504</td>
<td>$51,317</td>
</tr>
<tr>
<td>2.03</td>
<td></td>
<td>$50,020</td>
<td>$55,102</td>
</tr>
<tr>
<td>2.04</td>
<td></td>
<td>$27,607</td>
<td>$24,505</td>
</tr>
<tr>
<td>2.05</td>
<td></td>
<td>$34,459</td>
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<td></td>
<td>$114,279</td>
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<td>$660</td>
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<tr>
<td>2.08</td>
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<tr>
<td>2.09</td>
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<td>$36,755</td>
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<tr>
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<td>$55,984</td>
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<tr>
<td>3.02</td>
<td></td>
<td>$107,530</td>
<td>$107,755</td>
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<tr>
<td>4.01</td>
<td></td>
<td>$117,154</td>
<td>$132,172</td>
</tr>
<tr>
<td>4.02</td>
<td></td>
<td>$51,258</td>
<td>$30,077</td>
</tr>
<tr>
<td></td>
<td>Totals</td>
<td>$1,480,215</td>
<td>$1,508,056</td>
</tr>
</tbody>
</table>

### PL Deobligation / Carryforward:
- PL 20/21: 65,000
- SU 20/21: 89,268
- PL 2021: 108,400
- SU 20/21: 0
- PL 20/21: 734,785
- SU 2021: 734,785
- PL 2021: 256,143
- SU 2021: 256,143
- PL 2021: 30,474
- SU 2021: 30,474
- PL 2021: 230,618
- SU 2021: 210,000
- Local/ Other Funds: 23,313
- PL 2021: 60,000

### Total Funding:
- PL 20/21: $1,448,733
- SU 20/21: $1,380,670

---

January 14, 2020

Notes:
1. Task 1.01 includes material overhead/operating costs previously included in Task 4.01
2. Task 1.03 includes costs previously included in Task 2.07 ($40k Transportation Survey in year 2) and Task 4.01 (material advertising and postage).

- (*) Shaded Tasks moved/combined as follows:
  - Task 2.04 is combined with Task 2.08
  - Task 2.07 is combined with Task 1.03
  - Task 4.02 is combined with Task 4.01
Fiscal Year 2020/21 & 2021/22 Unified Planning Work Program (UPWP)

Funds Available for Consultant Support/Other Activity:
Year 1: FHWA Planning-$32k // FTA Planning-$50k
Year 2: FHWA Planning-$56k // FTA Planning-$15k

Planning Factors and Emphasis Areas

- Transportation Systems Management & Operations (TSM&O)
- Automated, Connected, Electric & Shared (ACES) Vehicle Technologies
- Freight (Delivery, Connectivity, Parking)
- Resiliency (assessment, adaptation, system improvements)
- Tourism (assessment, communication & partnering, connectivity)
- Safety (assessment, monitoring & reporting, integration into decision-making, system improvements)
- System Connectivity (local & regional, between modes, people & goods)
- Complete Streets (implementation)
- Transit Planning & Support (Votran, Flagler County, SunRail, Brightline/Virgin Trains)
- Core Documents – Unified Planning Work Program (UPWP) & Transportation Improvement Program (TIP)

- Activities listed in green represent those required on an annual basis
- Activities listed in orange represent tasks that are infrequent or one-time activities

Handout: January 14, 2020
<table>
<thead>
<tr>
<th>TASK #</th>
<th>Task Title / Category</th>
<th>Deliverables</th>
<th>Deliverables</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Administration &amp; Program Support</td>
<td>Current UPWP</td>
<td>FY 2020/21 &amp; 2021/22</td>
</tr>
<tr>
<td></td>
<td>Financial Management, Contracts, Administrative Support, Administrative Expenses (Office Lease, supplies, etc.), meetings (agenda’s, minutes)</td>
<td>Complete a COOP Exercise</td>
<td>Complete a COOP Exercise</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Independent Audit for Financial Compliance</td>
<td>Independent Audit for Financial Compliance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Host an Annual Planning Retreat Event</td>
<td>Host an Annual Planning Retreat Event</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Develop Annual Operating Budget</td>
<td>Develop Annual Operating Budget</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Approve slate of Officers for TPO Board</td>
<td>Approve slate of Officers for TPO Board</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Submit FTA Section 5305(d) &amp; TD Planning Grant applications</td>
<td>Submit FTA Section 5305(d) &amp; TD Planning Grant applications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contract Management/RFP’s (Office Cleaning, 2045 LRTP)</td>
<td>Contract Management: Transit Consultant (expires June 30, 2021); Postage Meter Lease (expires April 1, 2022); General Planning Consultants (expires June 30, 2022); Legal Counsel (expires June 30, 2020); Audit Firm (June 30, 2021).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Update the Continuity of Operations Plan (COOP)</td>
<td>Create a desk procedure/manual of CFO processes.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Develop a Policies &amp; Procedures Reference Manual</td>
<td>Continue Facility upgrades</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Employee Team Building/Goal Setting Activity</td>
<td>Develop a Grant/Funding Resources List</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Update the Employee Handbook</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Update the Purchasing Manual</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Facility upgrades</td>
<td></td>
</tr>
<tr>
<td>1.02</td>
<td>Information Technology Systems &amp; Website Support</td>
<td>Procure/Replace Equipment as needed</td>
<td>Procure/Replace Equipment as needed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electronic File Management (maintaining &amp; archiving).</td>
<td>Electronic File Management (maintaining &amp; archiving).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Issue IT Services RFP / Contract Update</td>
<td>Issue IT Services RFP / Contract Update</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Issue Website Support Services RFP/Contract (expires June 30, 2022)</td>
</tr>
</tbody>
</table>
| 1.03 | Public Information | Complete Annual Title VI & LEP Update & Training  
Annual Public Involvement Matrix/Summary  
Annual Report for previous fiscal year  
Implement the TRAC program  
Update the Public Involvement Plan  
Update Title VI & LEP Documents | Complete Annual Title VI & LEP Update & Training  
Annual Public Involvement Matrix/Summary  
Annual Report for previous fiscal year  
Implement the TRAC program  
Utilize a communication program such as Constant Contact to disseminate information to TPO members and the public  
Complete a community transportation survey |
| --- | --- | --- |
| 2.01 | Program Development (UPWP) | Develop/Adopt a new 2-year UPWP  
Manage Planning Activities, Deliverables & Budget/Process Amendments as needed  
Implement the Consolidated Planning Grant (CGP) | Develop/Adopt a new 2-year UPWP  
Manage Planning Activities, Deliverables & Budget/Process Amendments as needed  
Conduct a benchmarking review of other UPWPs to identify other potential funding sources & best practices. |
| 2.02 | Transportation Improvement Program (TIP) Development | Issue Annual Call for Projects & Approve R2CTPO List of Prioritized Projects (LOPP)  
Develop/Adopt a new 5-year TIP/Process Amendments as needed | Issue Annual Call for Projects & Approve R2CTPO List of Prioritized Projects (LOPP)  
Develop/Adopt a new 5-year TIP/Process Amendments as needed  
Conduct a benchmarking review of other TIPs to identify trends, potential funding sources & best practices. |
| 2.03 | Transportation Data Information Management | Develop CMP/Performance Measures Report  
Provide data collection/GIS support to TPO staff and projects as needed (bike map, CSAP, etc.)  
Update the Congestion Management Process (CMP) & Transportation Performance Management (TPM) Annual Data Collection Process  
Implement Transportation Performance Management (TPM) Requirements | Develop CMP/Performance Measures Report  
Provide data collection/GIS support to TPO staff and projects as needed (bike map, CSAP, etc.)  
Continue to Update and Implement TPM Requirements (incorporate student transportation)  
Conduct a benchmarking review of other TPO’s to identify data collection & reporting strategies & best practices  
Monitor changes in programs & funding resulting from TPM |
<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2.04</strong></td>
<td><strong>Corridor Studies &amp; Program Support</strong>&lt;br&gt;Planning &amp; project support activities for PD&amp;E’s, corridor studies, project funding, etc.&lt;br&gt;Provide general project development support to TPO member governments.&lt;br&gt;Complete the I-95 to SR 417 Connector Study&lt;br&gt;Environmental Study&lt;br&gt;Participate in: I-95 at LPGA Interchange PD&amp;E; I-95 at Pioneer Trail PD&amp;E, I-95 at US-1, East ISB&lt;br&gt;Provide review, comment, support &amp; oversight for proposed changes to the LAP.</td>
</tr>
<tr>
<td><strong>2.05</strong></td>
<td><strong>State &amp; Regional Planning and Coordination</strong>&lt;br&gt;Planning &amp; program support for regional, state &amp; national planning activities&lt;br&gt;Participate in CFMPOA &amp; MPOAC Activities&lt;br&gt;Participate in various regional coordination, studies and planning activities&lt;br&gt;Approve of the Regional List of Project Priorities&lt;br&gt;Participate in the East Central Florida Regional Resilience Collaborative&lt;br&gt;Approve of the Regional List of Project Priorities</td>
</tr>
<tr>
<td><strong>2.06</strong></td>
<td><strong>ITS/Traffic Ops/Safety</strong>&lt;br&gt;<strong>Project Feasibility Studies</strong>&lt;br&gt;Manage studies to determine project feasibility &amp; costs prior to programming&lt;br&gt;Complete project feasibility studies IAW LOPP&lt;br&gt;Complete Roadway Safety Evaluation Study&lt;br&gt;Complete project feasibility studies IAW LOPP</td>
</tr>
<tr>
<td><strong>2.07</strong></td>
<td><strong>Community Transportation Survey</strong>&lt;br&gt;Used to track trends and validate understanding of public opinions &amp; understanding&lt;br&gt;Complete a community transportation survey&lt;br&gt;Combine with Task 1.03 - Public Information</td>
</tr>
</tbody>
</table>

*Combine with Task 2.08 - General Planning*
<table>
<thead>
<tr>
<th>2.08</th>
<th><strong>General Planning Studies &amp; Project Support</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Planning Activities as needed to support improvements in mobility (freight, parking, TSM&amp;O, etc.). Includes General Planning Consultant (GPC) activity</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th><strong>Other Previous Activity</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Includes:</td>
</tr>
<tr>
<td></td>
<td>• Provided direct transportation planning support and technical assistance to small local governments</td>
</tr>
<tr>
<td></td>
<td>• Adopt Volusia County Resiliency Report</td>
</tr>
<tr>
<td></td>
<td>• Completed US 17 Multimodal Corridor Planning Study</td>
</tr>
<tr>
<td></td>
<td>• Completed TSM&amp;O Master Plan for the R2CTPO's planning area</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.09</th>
<th><strong>2045 Long Range Transportation Plan (LRTP)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Development of the 2045 Long Range Transportation Plan (LRTP)</td>
</tr>
</tbody>
</table>

|                  | **Complete development of the 2045 LRTP (adoption by September 2020)** |

- Adopt Flagler County Resiliency Report
- Adopt Sea Level Rise Planning Horizons and Rate Policy
- Review & analysis of planning study recommendations
- Adopt Complete Streets Policy and Implementation Plan
- Complete a Connected & Automated Vehicle (CAV) Readiness Planning Study
- The relationship between Food Deserts and Transportation *(not completed)*

- Provide general project development support to TPO member governments.
- Work with local governments to track and implement projects identified in previous studies
- The relationship between Food Deserts and Transportation
- Continue to monitor and provide input on the proposed LAP policy for District 5.
- Convene "Transportation Area" working groups to identify and implement short term and long term mobility solutions (TSM&O, Safety, CAV, CMP, etc.).
- Review and analyze crash data and contributing factors; identify crash reduction measures within the TPO Planning Area (utilize heat maps to track recent crash data to identify hot spot areas)
- Continue to assess Sea Level Rise Vulnerability for the planning area and implement policies to increase resiliency (apply for grant funding for the Resilience and Durability to Extreme Weather Pilot Program).
- Continued implementation of the complete streets ordinance and evaluation of associated projects.
- Conduct Before and After Studies for specific projects to analyze their effectiveness (i.e. - Adaptive Signal Control, Safety Improvements, etc.) -- *by mode*  
- Update Transportation Impact Analysis (TIA) requirements (technology/transit)
| 2.10 | Community Safety-Related Program | Develop a Community Safety Events Schedule  
Participate in helmet fitting and safety promotion events throughout the planning area  
Develop a Community Safety Awareness Plan (CSAP) | Develop a Community Safety Events Schedule  
Participate in helmet fitting and safety promotion events throughout the planning area  
Develop a Speakers’ Bureau of people whose lives have been affected by speeding and distracted driving  
Partner with Volusia & Flagler County Schools to develop an education and awareness campaign/curriculum for safety, speeding and distracted driving in grades K-12  
Create targeted print and social media safety campaigns – distributed through the Hotel/Motel Lodging Associations, college and university campuses, etc. |
| 3.01 | Bicycle/Pedestrian Planning & Implementation | Manage the Annual Call for Bike/Ped/Trails projects  
Develop & approve the Bicycle/Pedestrian List of Prioritized Projects.  
Participate in Local & Regional advisory groups (St. Johns River to Sea Loop Alliance, Coast to Coast Trail Leadership Team, etc.)  
Develop a Bike & Pedestrian Count Reporting Program  
Develop a Bicycle & Pedestrian Safety Action Plan (B/PSAP) utilizing FHWA BIKESAFE/PEDSAFE programs.  
Complete school safety studies for a select group of charter schools in the MPA (not funded)  
Participate in Step It Up - Action Institute to Increase Walking and Walkability | Manage the Annual Call for Bike/Ped/Trails projects  
Develop & approve the Bicycle/Pedestrian List of Prioritized Projects.  
Participate in Local & Regional advisory groups (St. Johns River to Sea Loop Alliance, Coast to Coast Trail Leadership Team, etc.)  
Implement the Bicycle & Pedestrian Digital Count Program.  
Adopt a Bicycle & Pedestrian Safety Action Plan (B/PSAP) utilizing FHWA BIKESAFE/PEDSAFE programs.  
Develop and implement a strategy (short term, medium term and long term) for B/PSAP safety countermeasures, improvements & programs.  
Complete school safety studies for selected schools in Volusia and Flagler Counties (2-3 schools/year).  
Conduct Pedestrian/Bicycle Safety Audits for focus areas (contingent on grant funding for engineering support). |
| 3.02 | Bicycle/Pedestrian Project Feasibility Studies  
Manage studies to determine project feasibility & costs | Complete project feasibility studies IAW LOPP | Complete project feasibility studies IAW LOPP |
| 4.01 | Transit Related Activities & Transportation Disadvantaged (TD)  
Provide technical planning assistance for local government and transit agencies to identify transit development priorities, and improve transit safety & connectivity.  
- Votran  
- Flagler County Public Transit (FCPT)  
- SunRail | Provide staff support to the TDLCB  
Attend meetings for FCPT & Sunrail (Flagler TDLCB, TAC & Commission)  
Coordinate & attend Florida TD Commission’s Annual Transportation Disadvantaged Legislative Awareness Day  
Approve Transit Annual Operating Report (AOR) and Annual Evaluation Report (AER)  
Complete TDSP Annual Update  
Participate in transit planning activities as requested by service providers  
Complete a Paratransit Service Analysis (not completed)  
Local Bus Stop Improvement Plans and Phase II (not completed)  
support completion of the Fixed Route East Volusia Comprehensive Ops Analysis (COA) (not completed)  
Review and approve Transit Asset Management Plans  
Review and approve Public Transit Safety Plans | Provide staff support to the Volusia TDLCB  
Attend transit meetings (Volusia/Flagler TDLCB, SunRail TAC & Commission)  
Coordinate & attend Florida TD Commission’s Annual Transportation Disadvantaged Legislative Awareness Day  
Approve Transit Annual Operating Report (AOR) and Annual Evaluation Report (AER)  
Complete TDSP Annual Update  
Participate in transit planning activities as requested by service providers  
Conduct a Paratransit Service Analysis  
Assist Votran & Flagler County in updating the Transit Development Plan (TDP) and Transportation Disadvantaged Service Plan (TDSP).  
In partnership with Votran, work with the consulting team to develop East Side Comprehensive Operation Analysis for Volusia County |
| 4.02 | Transit Planning Services-General Consulting  
Utilize a Transit Planning Consultant to provide general transit planning assistance & support | Volusia Co. Bus Stop Improvement Plan Phase I  
Flagler Co. Fixed Route Bus Service Transit Operation Plan | Combine with task 4.01  
Transit Related Activities & Transportation Disadvantaged (TD) |
Florida Planning Emphasis Areas-2020

The Florida Department of Transportation Office of Policy Planning develops *Planning Emphasis Areas* on a two-year cycle in coordination with the development of Metropolitan Planning Organizations’ respective unified planning work programs. Emphasis areas set planning priorities, support the Florida Transportation Plan, and give importance to topic areas which MPOs are encouraged to address as they develop their planning programs. Implementation of the seven goals of the Florida Transportation Plan requires embracing innovation; extensive collaboration across jurisdictions, modes and disciplines; an emphasis on customer service; data and performance feedback; and strategic investments for the efficient and effective allocation of resources.

Metropolitan Planning Organizations should consider the following four topics when updating their Unified Planning Work Plan.

**Safety**
Safety has been a federal planning priority over numerous iterations of the transportation legislation. As stated within the FAST Act planning factors, metropolitan areas should “increase safety for motorized and non-motorized users.” The state of Florida has expanded on this concept further by becoming a Vision Zero area, with a stated goal within the Florida Transportation Plan of zero fatalities across the state’s transportation system. FDOT adopted their Strategic Highway Safety Plan in 2016, which provides more information about how the state intends to address transportation safety in the coming years.

Since the MPOs are being asked to report on and monitor their progress against their adopted safety performance measures, MPOs need to account in their UPWP for the effort necessary to satisfy these federal requirements. Additionally, MPOs are encouraged to consider how to expand upon the level of analysis and reporting required by the performance measurement process to further study their unique safety challenges. This approach may include the identification of safety needs in the MPO’s LRTP or TIP, stand-alone safety studies for areas or corridors, or safety considerations within modal planning elements.

**System Connectivity**
Connectivity is a concept that is emphasized both at the federal and state levels. Within the FAST Act, one of the ten planning factors states, “enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.” Within the Florida Transportation Plan, system connectivity is addressed within four different goals.

- Make our economy more competitive
- Increase opportunities for access to transit and other modes
• Provide a more efficient and mobile transportation system
• Meet the needs of a growing and changing population

A connected system is often more cost-effective and better able to address natural and manmade constraints.

For MPOs, system connectivity should be considered within several contexts. First, MPOs should emphasize connectivity within their boundaries to serve the unique needs of their urban and non-urban jurisdictions. This requires coordination with member jurisdictions to identify their connectivity needs while also understanding how current and future land uses impact or can help augment connectivity. Second, MPOs should consider connectivity beyond their boundaries and emphasize continuity on those facilities that link their MPO to other metropolitan and non-urban or rural areas. Third, connectivity for MPOs should include multimodal linkages that are supportive of both passengers and freight. A connected network supports users traveling by a variety of modes, including first and last mile linkages.

Resilience

With the passage of the FAST Act, resilience was introduced as a federal planning factor: “Improve the resilience and reliability of the transportation system and mitigate stormwater impacts of surface transportation.” Resilience is defined as the ability to adapt to changing conditions and prepare for, withstand, and recover from disruption. These conditions can encompass a wide variety of environmental, technological, economic, or social impacts.

MPOs can address resilience within their planning processes by leveraging tools such as the FHWA Resilience and Transportation Planning guide and the FDOT Quick Guide: Incorporating Resilience in the MPO LRTP. It should be noted that while these documents focus primarily on the development of MPO LRTPs and TIPs, addressing resilience should be a consideration within every planning document prepared by an MPO. MPOs should place a particular emphasis on coordination with agency partners responsible for natural disaster risk reduction, or who may be developing local resilience planning initiatives. Additionally, MPOs should consider the additional costs associated with reducing vulnerability of the existing transportation infrastructure. Proactive resiliency planning will help the MPO develop planning documents that are ultimately more realistic and cost-effective.

ACES (Automated/Connected/Electric/Shared-use) Vehicles

According to the Federal Highway Administration, “Transportation is in the midst of disruptive change from new technologies (automated and connected vehicles); new institutions (shared mobility firms); and changing attitudes (reduced car ownership). Across the nation, transportation planners are under pressure to develop performance-oriented policies, plans, and investment decisions that consider an increasingly complex transportation landscape. In the process, planners need to consider, but cannot yet reliably predict, the potential impact of
disruptive and transformational Connected Vehicle (CV) and Automated Vehicle (AV) technologies on safety, vehicle ownership, road capacity, VMT, land-use, roadway design, future investment demands, and economic development, among others. While some forms of CV and AV are already being deployed across the United States, significant unknowns exist regarding the rate of technology adoption, which types of technologies will prevail in the marketplace, the interaction between CV/AV vehicles and various forms of shared mobility services, and the impacts of interim and widespread levels of CV/AV usage.”

Adopting and supporting innovative technologies and business practices supports all seven goals of the Florida Transportation Plan and the federal planning factors found in the FAST Act. ACES may lead to great improvements in safety, transportation choices, and quality of life for Floridians, our visitors, and the Florida economy. Though there is a great deal of speculation and uncertainty of the potential impacts these technologies will have, MPOs need to determine how best to address the challenges and opportunities presented to them by ACES vehicles.

Contact Information:
Mark Reichert, FDOT Administrator for Metropolitan Planning
850-414-4901
mark.reichert@dot.state.fl.us
VI. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

C. PRESENTATION AND DISCUSSION OF UPDATED SAFETY DATA AND TARGETS

Background Information:

The Federal Highway Administration (FHWA) issued final rules on the transportation performance measures required for the State Departments of Transportation (DOTs) and Metropolitan/Transportation Planning Organizations (M/TPOs). The final rule requires targets to be set for the following five safety performance measures:

- Number of Fatalities
- Rate of Fatalities
- Number of Serious Injuries
- Rate of Serious Injuries
- Number of Non-Motorized Fatalities and Serious Injuries

TPO staff will discuss and present the data used to update the safety targets.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE
Safety Performance Measures

- Number of Fatalities
- Number of Serious Injuries
- Rate of Fatalities per 100 Million VMT
- Rate of Serious Injuries per 100 Million VMT
- Number of Non Motorized Fatalities and Serious Injuries
- R2CTPO 2020 Target for Number of Fatalities:
  - **118** - (2% Annual Reduction from 2018)
  - **131.6** - (5-Year Rolling Average)
R2CTPO 2020 Target for Number of Serious Injuries:

- **808** - (2% Annual Reduction from 2018)
- **814.2** - (5-Year Rolling Average)
Non-Motorized Fatalities & Serious Injuries

- **R2CTPO 2020 Target for Non-Motorized Fatalities and Serious Injuries:**
  - 96 - (2% Annual Reduction from 2018)
  - 103.4 - (5-Year Rolling Average)

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<td>96</td>
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- **Historical Value**
- **2% Annual Reduction**
- **5-Yr Ave**
Fatality Rate

R2CTPO 2020 Target for Fatality Rate:

- **1.549** - (2% Annual Reduction from 2018)
- **1.784** - (5-Year Rolling Average)
Serious Injury Rate

- **R2CTPO 2020 Target for Serious Injury Rate:**
  - **10.604** - (2% Annual Reduction from 2018)
  - **10.970** - (5-Year Rolling Average)
R2CTPO 2020 Targets

- Support FDOT's Target of Vision Zero

- Adopt Independent Targets
  - Based on Two Percent Annual Reduction for Each Safety Performance Measure
VII. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

D. FDOT CONSTRUCTION REPORT

Background Information:

Ms. Vickie Wyche, Florida Department of Transportation (FDOT) staff, will be present to answer questions regarding projects on the FDOT Construction Status Report and the Push-Button Report.

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

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE
Volusia/Flagler County Project Status Update
as of December 19, 2019

The following is a brief status update on major FDOT road construction projects in Volusia and Flagler counties as of the December cutoff. The next cutoff date is January 19, 2020. Information is also available on www.cflroads.com.

Upcoming projects:
436434-2-52 Bike Path/Trail- Lake Monroe Park Entrance to Old DeLand Rd.
   o Contract E5Z84
   o Contractor: West to West Construction, LLC
   o Estimated Start: January 2020
   o Estimated Completion: Spring 2020
   o Cost: $296,219.80

449131-1-51 I-95 Resurfacing I-95 from north of S.R. 40 in Volusia County to Old Dixie Highway in Flagler County
   o Contract T5678
   o Contractor: Halifax Paving
   o Estimated Start: January 2020
   o Estimated Completion: Fall 2020
   o Cost: $9,468,271.30

Current projects:
443266-1-52 Bridge Improvements at S.R. 430, Joint Replacement at End Bent 11 of S.R. 430 over Halifax River
   o Contract E5Z83
   o Contractor: Sieg & Ambachtsheer, Inc.
   o Estimated Start: December 2019
   o Estimated Completion: Winter 2020
   o Cost: $176,487.00
437842-1-52 Adaptive Signal Control System on US 17-92 from Monroe Road in Seminole County to Minnesota Avenue, in Volusia County.
  o Contract: T5664
  o Contractor: Chinchor Electric
  o Estimated Start: Early November 2019
  o Estimated Completion: Early Summer 2020
  o Contractor is doing preparation work for new signal control systems that will be going starting in January 2020.

439121-1-51 and 439144-1-52 S.R. 472 Resurfacing from U.S. 17-92 to the I-4 Interchange
  o Contract: E5Z77
  o Contractor: P&S Paving Inc
  o Estimated Start: Early October 2019
  o Estimated Completion: Spring 2020
  o Contractor is continuing to work on resurfacing the roadway, drainage, and ITS.

437595-1 – U.S. 1 at Matanzas Woods Parkway Roundabout
  o Contract: T5648
  o Contractor: P&S Paving Inc.
  o Estimated Start: Late September 2019
  o Estimated Completion: Summer 2020
  o U.S. 1 at Matanzas Woods Parkway has single lane closures in both directions, and Matanzas Woods Parkway is now closed at U.S. 1. The contractor is working on the outside lanes of U.S. 1 and drainage for the new roundabout.

440966-1 – I-4 over Dirksen Drive bridge bearing pad replacement and epoxy overlay
  o Contract: E5Z73
  o Estimated Start: August 2019
  o Estimated Completion: Late 2019
  o Contractor is working on bearing pad replacement and expects to be done before the end of December.

242715-2-52-01 -- I-95 Widening, I-4, U.S. 92 System to System Interchange
  o Contract: E5W26
  o There are now three lanes going northbound and southbound on I-95 with the completion of I-95 widening portion of this project. Both collector distributor ramps are open, and the aesthetic feature is in place.
  o Estimated Completion: Spring 2020

441210-1 – U.S. 1 at Old Dixie Highway Roundabout
o Contract: E5Z64
o Project Start: January 2019
o Traffic is in Phase 4 configuration (traffic is on the roundabout on northbound and southbound U.S. 1)
o Contractor is on schedule and working on the southbound U.S. 1 bypass pass lane

440557-5,6,7 – SR A1A Permanent Repairs in Flagler County
o Contract: T5641
o Project Start: February 2019
o Estimated completion: Early 2020
o Segment 2 traffic has moved into the final configuration and the detour has been removed
o Segment 3 (buried seawall) additional dune plantings have been placed and dune walkovers are complete
o Segment 1 (South 25-South 23) is complete
o Contractor is on schedule

• 240992-5 – U.S. 1 at Canal Street intersection improvements
  o Contract: T5660
  o Project Start: March 2019
  o Estimated Completion: Summer 2020
  o Contractor has been installing drainage systems, doing concrete work, and pre-signalization work, to prepare for the new Mast Arms Signals that will be installed in early 2020

• 438003-1-52-01 and 438003-2-52-01 – I-95 Resurfacing Flagler County
  o Contract: T5636
  o Work began March 2019
  o Estimated Completion: Late 2020
  o Contractor is now using two crews to work on both segments
  o Daytime and nighttime lane closures can be expected Sunday - Friday

• 441682-1-72-01 – Concrete Rehabilitation on U.S. 1 in South Daytona & Port Orange
  o Contract: E5U82
  o Project Start: April 29, 2019
  o Estimated Completion: Early 2020
  o Contractor is working towards intersection of U.S. 1 and Dunlawton Avenue.
Daytime lane closures to be expected Monday – Friday on northbound and southbound U.S. 1, as well as nighttime lane closures on Dunlawton Boulevard in both directions.
Project Status Report as of December 19, 2019

Volusia County

**I-95 Widening and I-4, U.S. 92 System to System Interchange Reconstruction**

**FIN #:** 242715-2-52-01  
**CONTRACT #:** E5W26  

**DESIGN BUILD**

**PROJECT DESCRIPTION:** Widening of I-95 from four to six lanes, complete reconstruction of the I-4/SR 400 and US 92 interchanges, reconstruction of Bellevue Bridge, improvements to S.R. 400, U.S. 92, Bellevue Road and Tomoka Farms Road.

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<td>Lynda Parker</td>
<td>Ryan Gwaltney</td>
<td>Jaime Venegas</td>
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<td>Amy Scales, P.E.</td>
<td>Mike Meadows</td>
<td>Jim Read</td>
<td><a href="mailto:dblair@superiorconstruction.com">dblair@superiorconstruction.com</a></td>
<td><a href="mailto:jroberts@walshgroup.com">jroberts@walshgroup.com</a></td>
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**EST. COMPLETION:** 4/9/2020  
**FED. AID #:** 0954-140-1

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**CURRENT:** 1,580  

**EST. COMPLETION:** 4/9/2020  
**ELAPSED:** 1,847  
**COST:** $196,623,558.67

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**FLAGLER COUNTY**

**S.R. A1A Permanent Repairs**

**FIN #:** 440557-5-52-01, 440557-6-52-01, 440557-7-52-02, 440557-6-52-02  
**CONTRACT #:** T5641  

**CONVENTIONAL PAY ITEM**

**PROJECT DESCRIPTION:** Construct permanent repairs along S.R. A1A in Flagler County in three sections from South 25th Street to South 22nd Street, from South 22nd Street to South 9th Street, and from North 18th Street to Osprey Drive.

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**TIME:** 1.00  
**COST:** $22,429,705.30

**CONTACT**  
**PHONE**  
**EMAIL**

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<td>Javier Castro</td>
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<td>Glenn Raney</td>
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<td><a href="mailto:jroberts@walshgroup.com">jroberts@walshgroup.com</a></td>
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**EST. COMPLETION:** Early 2020  
**% ORIGINAL:** 105.33%  
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55
## Project Status Report as of December 19, 2019

### FLAGLER COUNTY

**I-95 Resurfacing from the Volusia County Line to St. Johns County Line**

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**Conventional Pay Item**

**PROJECT DESCRIPTION:** I-95 resurfacing in Flagler County from the Volusia County line to the St. Johns County line.

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<th>FED. AID #: D517085B</th>
<th>FUND TYPE: Conventional Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCEI: Jacobs</td>
<td>NTP: 1/7/2019</td>
<td>CURRENT: 615</td>
<td>ELAPSED: 301</td>
<td>WORK BEGAN: 2/1/2019</td>
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<tr>
<td>FUND TYPE:</td>
<td></td>
<td></td>
<td></td>
<td>% ORIGINAL: 54.73%</td>
</tr>
<tr>
<td>CURRENT CPPR: 96</td>
<td>EST. COMPLETION: Late 2020</td>
<td>% TO DATE: 48.94%</td>
<td>41.06%</td>
<td></td>
</tr>
</tbody>
</table>

### CONTACT

- **CEI SENIOR PROJECT ADMINISTRATOR:** Tony Phillips | C: 904.415.8024 | tony.phillips@jacobs.com
- **CONTRACT SUPPORT SPECIALIST (CSS):** Lynda Parker | O: 386.333.9537 C: 386.281.2238 | lynda.parker@jacobs.com
- **CONTRACTOR’S PROJECT MANAGER:** David Jewett | C: 386.281.9042 | davidjewett@mascigc.com
- **CONTRACTOR’S SUPERINTENDENT:** Ignacio Masci | C: 407.948.3046 | ignaciomasci@mascigc.com
- **FDOT PROJECT MANAGER:** Rick Coe | O: 386.740.3400 C: 386.527.3831 | frederick.coe@dot.state.fl.us
- **SENIOR PROJECT ENGINEER:** Amy Scales, P.E. | O: 386.333.9537 C: 386.481.3758 | amyscales@dot.state.fl.us
- **SENIOR INSPECTOR:** Roy Blankenship | O: 386.333.9537 C: 386.801.4097 | roy.blankenship@jacobs.com
- **MAINTENANCE CONTACT:** Jim Read | O: 386.740.3406 C: 386.801.5584 | jim.read@dot.state.fl.us
- **24 HR CONTRACTOR EMERGENCY CONTACT:** Ignacio Masci | C: 407.948.3046 | ignaciomasci@mascigc.com
- **ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:** David Jewett | C: 386.281.9042 | davidjewett@mascigc.com

### VOLUSIA COUNTY

**U.S. 1 at Canal Street Intersection Improvements**

<table>
<thead>
<tr>
<th>FIN #</th>
<th>240992-5-52-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTRACT #</td>
<td>75650</td>
</tr>
</tbody>
</table>

**Conventional Pay Item**

**PROJECT DESCRIPTION:** Intersection improvements at S.R. 5 (U.S. 1) including milling and resurfacing, widening, curb and gutter, drainage improvements, sidewalk, signalization, lighting, and utility work (water and sewer).

<table>
<thead>
<tr>
<th>CONTRACTOR: Masci General Contractors Inc.</th>
<th>LET DATE: 10/31/2018</th>
<th>ORIGINAL: 430</th>
<th>FED. AID #: D518041B</th>
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</thead>
<tbody>
<tr>
<td>FUND TYPE:</td>
<td></td>
<td></td>
<td></td>
<td>% ORIGINAL: 63.49%</td>
</tr>
<tr>
<td>CURRENT CPPR: 100</td>
<td>EST. COMPLETION: Summer 2020</td>
<td>% TO DATE: 58.84%</td>
<td>41.16%</td>
<td></td>
</tr>
</tbody>
</table>

### CONTACT

- **CEI SENIOR PROJECT ADMINISTRATOR:** Greg Shelton | C: 407.948.9021 | sheltonob@cdmsmith.com
- **CONTRACT SUPPORT SPECIALIST (CSS):** Seth Simpson | O: 407.488.7984 C: 386.281.2238 | simpsonsa@cdmsmith.com
- **CONTRACTOR’S PROJECT MANAGER:** Chris Wright | C: 386.561.8057 | chriswright@cdmsmith.com
- **CONTRACTOR’S SUPERINTENDENT:** Don Chapman | C: 386.281.9645 | donchapman15@yahoo.com
- **FDOT PROJECT MANAGER:** Glenn Raney | O: 386.740.3524 C: 386.846.4862 | michael.raney@dot.state.fl.us
- **SENIOR PROJECT ENGINEER:** Michael Ruland P.E. | C: 407.280.5435 | rulandmb@cdmsmith.com
- **SENIOR INSPECTOR:** Mike Brown | C: 407.419.1248 | brownmw@cdmsmith.com
- **MAINTENANCE CONTACT:** Jim Read | O: 386.740.3406 C: 386.801.5584 | jim.read@dot.state.fl.us
- **24 HR CONTRACTOR EMERGENCY CONTACT:** Dave Chapman | C: 386.281.9645 | donchapman15@yahoo.com
- **ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:** Chris Wright | C: 386.561.8057 | chriswright@cdmsmith.com
FLAGLER COUNTY
U.S. 1 at Matanzas Woods Parkway Roundabout

FIN # 437596-1-52-01
CONTRACT # T5648

Conventional Pay Item

PROJECT DESCRIPTION: Construct a new roundabout at the intersection of U.S. 1 and Matanzas Woods Parkway in Palm Coast.

<table>
<thead>
<tr>
<th>TIME</th>
<th>COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>$2,614,877.70</td>
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<tr>
<th>CONTRACTOR:</th>
<th>LET DATE:</th>
<th>ORIGINAL:</th>
<th>CURRENT:</th>
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</thead>
<tbody>
<tr>
<td>P&amp;S Paving Inc.</td>
<td>5/22/2019</td>
<td>250</td>
<td>250</td>
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<thead>
<tr>
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<th>CURRENT:</th>
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<tbody>
<tr>
<td>D518111B</td>
<td>9/25/2019</td>
<td>77</td>
<td>145</td>
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<th>WORK BEGAN:</th>
<th>% ORIGINAL:</th>
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<tbody>
<tr>
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<td>30.80%</td>
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<tr>
<th>Current CPPR</th>
<th>EST. COMPLETION:</th>
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</thead>
<tbody>
<tr>
<td>98</td>
<td>Summer 2020</td>
</tr>
</tbody>
</table>

VOLUSIA
S.R. 46 Bridge Rehabilitation

FIN # 439273-1-52-01
CONTRACT # E5219

Conventional Pay Item

PROJECT DESCRIPTION: Apply an epoxy overlay to the concrete bridge deck, and clean and install non-structural pile jackets to bridge piers.

<table>
<thead>
<tr>
<th>TIME</th>
<th>COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>482</td>
<td>$57,793.63</td>
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<table>
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<tr>
<th>CONTRACTOR:</th>
<th>LET DATE:</th>
<th>ORIGINAL:</th>
<th>CURRENT:</th>
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<tbody>
<tr>
<td>Penn. National Mutual Casualty Insurance</td>
<td>7/7/2018</td>
<td>145</td>
<td>145</td>
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<thead>
<tr>
<th>FED. AID #:</th>
<th>TIME BEGAN:</th>
<th>ELAPSED:</th>
</tr>
</thead>
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<tr>
<td>N/A</td>
<td>6/7/2018</td>
<td>482</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FUND TYPE</th>
<th>WORK BEGAN:</th>
<th>% TO DATE:</th>
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<tbody>
<tr>
<td>Construction</td>
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<table>
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<tr>
<th>Current CPPR</th>
<th>EST. COMPLETION:</th>
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<tr>
<td>64</td>
<td>TBD</td>
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No new estimate

Outside Consultant
In-House Construction
Maintenance
Project Status Report as of December 19, 2019

FLAGLER
U.S. 1 at Old Dixie Highway Roundabout

FIN # 441210-1-52-01
CONTRACT # E5264

Conventional Pay Item

PROJECT DESCRIPTION: Construct new roundabout along U.S. 1 at Old Dixie Highway. Project also includes drainage improvements, lighting and landscaping.

<table>
<thead>
<tr>
<th>CONTRACTOR:</th>
<th>P&amp;S Paving Inc.</th>
<th>LET DATE:</th>
<th>8/07/2018</th>
<th>ORIGINAL:</th>
<th>420</th>
<th>$4,022,401.58</th>
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<td>FED. AID #:</td>
<td>N/A</td>
<td>NTP:</td>
<td>10/6/2018</td>
<td>CURRENT:</td>
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<td>$4,072,401.58</td>
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<td>FUND TYPE</td>
<td>Construction</td>
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<td>1/3/2019</td>
<td>ELAPSED:</td>
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<tr>
<td>Current CPPR:</td>
<td>100</td>
<td>WORK BEGAN:</td>
<td>1/3/2019</td>
<td>% ORIGINAL:</td>
<td>82.62%</td>
<td>71.12%</td>
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<tr>
<td>EST. COMPLETION:</td>
<td>Spring 2020</td>
<td>% TO DATE:</td>
<td></td>
<td></td>
<td>77.11%</td>
<td>70.25%</td>
</tr>
</tbody>
</table>

CONTACT

PROJECT ADMINISTRATOR: Rick Coe O: 386.740.3490 C: 386.527.3831 frederick.coe@dot.state.fl.us
CONTRACT SUPPORT SPECIALIST (CSS): Ernie Saltar O: 386.740.3416 emesto.saltar@dot.state.fl.us
CONTRACTOR’S PROJECT MANAGER: Brian Davidson C: 386.566.0551 bdavidson@pandspavinginc.com
CONTRACTOR’S SUPERINTENDENT: John Dunlap C: 386.214.8896 jd@pandspavinginc.com
CONSTRUCTION ENGINEER: Rafael Rodriguez, P.E. C: 386.740.3594 C: 386.801.5571 rafael.rodriguez@dot.state.fl.us
SENIOR INSPECTOR: Chuck Crossman C: 407.907.4300 crossman@etminc.com
ADD'L INSPECTOR: MAINTENANCE CONTACT:

24 HR CONTRACTOR EMERGENCY CONTACT: C: 386.566.0551 bdavidson@pandspavinginc.com

ALT. 24 HR CONTRACTOR EMERGENCY CONTACT: C: 386.566.0551 bdavidson@pandspavinginc.com

VOLUSIA
Adaptive Signal Control System

FIN # 437842-1-52-01
CONTRACT # T5664

Lump Sum

PROJECT DESCRIPTION: Installation of a Traffic Adaptive Signal Control System on US 1792 from Monroe Road to Minnesota Avenue, in Seminole and Volusia County

<table>
<thead>
<tr>
<th>CONTRACTOR:</th>
<th>Chinchor Electric, Inc.</th>
<th>LET DATE:</th>
<th>11/2/2019</th>
<th>ORIGINAL:</th>
<th>220</th>
<th>$1,968,815.28</th>
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<tbody>
<tr>
<td>FED. AID #:</td>
<td>N/A</td>
<td>NTP:</td>
<td>11/4/2019</td>
<td>CURRENT:</td>
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<td>FUND TYPE</td>
<td>Construction</td>
<td>TIME BEGAN:</td>
<td>1/14/2019</td>
<td>ELAPSED:</td>
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<td>$148,854.42</td>
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<tr>
<td>Current CPPR:</td>
<td>100</td>
<td>WORK BEGAN:</td>
<td>1/14/2019</td>
<td>% ORIGINAL:</td>
<td>20.00%</td>
<td>7.56%</td>
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<tr>
<td>EST. COMPLETION:</td>
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<td>% TO DATE:</td>
<td></td>
<td></td>
<td>19.47%</td>
<td>7.56%</td>
</tr>
</tbody>
</table>

CONTACT

PROJECT ADMINISTRATOR: Rick Coe O: 386.740.3490 C: 386.527.3831 frederick.coe@dot.state.fl.us
CONTRACT SUPPORT SPECIALIST (CSS): Ben Griffiths O: 386.740.3564 ben.griffiths@dot.state.fl.us
CONTRACTOR’S PROJECT MANAGER: Dan Chinchor C: 386.561.7687
dan.chinchor@etminc.com
CONSTRUCTION ENGINEER: Rafael Rodriguez, P.E. O: 386.740.3594 C: 386.801.5571 rafael.rodriguez@dot.state.fl.us
SENIOR INSPECTOR: Michael Schnbacher C: 407.948.8976
MAINTENANCE CONTACT:

ALT. 24 HR CONTRACTOR EMERGENCY CONTACT: O: 386.740.3490 C: 386.527.3831 frederick.coe@dot.state.fl.us
### VOLUSIA
#### I-4 Over Dirksen Drive Bridge Bearing Replacement

<table>
<thead>
<tr>
<th>CONTRACTOR:</th>
<th>Oceaneer Consulting LLC</th>
<th>LET DATE:</th>
<th>4/02/2019</th>
<th>ORIGINAL:</th>
<th>80</th>
<th>$176,487.00</th>
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<tbody>
<tr>
<td>FED. AID #:</td>
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<td>NTP:</td>
<td>6/11/2019</td>
<td>CURRENT:</td>
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<td>ELAPSED:</td>
<td>128</td>
<td>$203,500.00</td>
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<tr>
<td>Current CPRR:</td>
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<td>WORK BEGAN:</td>
<td>9/1/2019</td>
<td>% ORIGINAL:</td>
<td>160.00%</td>
<td>31.36%</td>
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<tr>
<td>EST. COMPLETION:</td>
<td>Late 2019</td>
<td>% TO DATE:</td>
<td>100.79%</td>
<td>31.36%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### PROJECT DESCRIPTION:
Project consists of replacing the bearing pads on the eastbound and westbound I-4 bridges over Dirksen Drive, and an epoxy overlay on westbound I-4.

#### CONTACT
- **PROJECT ADMINISTRATOR:** Charles Long  
  - PHONE: O: 386.740.3505 C: 407.415.0764  
  - EMAIL: charles.long@dot.state.fl.us
- **CONTRACT SUPPORT SPECIALIST (CSS):** Ben Griffiths  
  - PHONE: O: 386.740.3564  
  - EMAIL: ben.griffiths@dot.state.fl.us
- **CONTRACTOR'S PROJECT MANAGER:** Christian Villegas  
  - PHONE: O: 386.740.3505 C: 321.604.1371  
  - EMAIL: christian@oceaneer.us
- **CONSTRUCTION ENGINEER:** Rafael Rodriguez, P.E.  
  - PHONE: O: 386.740.3594 C: 386.801.5571  
  - EMAIL: rafael.rodriguez@dot.state.fl.us
- **SeniOr INSPECTOR:** Robert Bitting  
  - PHONE: O: 407.915.5545  
  - EMAIL: bittingr@ethinc.com
- **STRUCTURES CONTACT:** Jonathan Jastremsky  
  - PHONE: O: 386.740.3418  
  - EMAIL: jonathan.jastremsky@dot.state.fl.us
- **ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:** Onel Beltran  
  - PHONE: O: 386.740.3505 C: 386-663-5155  
  - EMAIL: onel@oceaneer.us

### VOLUSIA
#### S.R. 430 Eastbound Bridge Joint Repair

<table>
<thead>
<tr>
<th>CONTRACTOR:</th>
<th>Sieg &amp; Ambachtsheer Inc.</th>
<th>LET DATE:</th>
<th>6/04/2019</th>
<th>ORIGINAL:</th>
<th>110</th>
<th>$176,487.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>FED. AID #:</td>
<td>N/A</td>
<td>NTP:</td>
<td>8/7/2019</td>
<td>CURRENT:</td>
<td>110</td>
<td>$176,487.00</td>
</tr>
<tr>
<td>FUND TYPE</td>
<td>Construction</td>
<td>TIME BEGAN:</td>
<td>12/5/2019</td>
<td>ELAPSED:</td>
<td>0</td>
<td>$0.00</td>
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<td>Current CPRR:</td>
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<td>% ORIGINAL:</td>
<td>0.00%</td>
<td>0.00%</td>
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<tr>
<td>EST. COMPLETION:</td>
<td></td>
<td>% TO DATE:</td>
<td>0.00%</td>
<td>0.00%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### PROJECT DESCRIPTION:
Replace the bridge joint on the east end of the eastbound S.R. 430 Bridge over the Halifax River.

#### CONTACT
- **PROJECT ADMINISTRATOR:** Charles Long  
  - PHONE: O: 386.740.3505 C: 407.415.0764  
  - EMAIL: charles.long@dot.state.fl.us
- **CONTRACT SUPPORT SPECIALIST (CSS):** Ben Griffiths  
  - PHONE: O: 386.740.3564  
  - EMAIL: ben.griffiths@dot.state.fl.us
- **CONTRACTOR'S PROJECT MANAGER:** Richard Dean  
  - PHONE: O: 386-663-5155  
  - EMAIL: rafael.rodriguez@dot.state.fl.us
- **CONSTRUCTION ENGINEER:** Richard Dean  
  - PHONE: O: 386-663-5155  
  - EMAIL: bittingr@ethinc.com
- **SenoR INSPECTOR:** Jonathan Jastremsky  
  - PHONE: O: 386.740.3418  
  - EMAIL: jonathan.jastremsky@dot.state.fl.us
- **ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:** TC Ambachtsheer  
  - PHONE: O: 386-775-3835 C: 386-804-1607  
  - EMAIL: christian@oceaneer.us
### S.R. 472 Resurfacing from U.S. 17-92 to the I-4 Interchange

**Project Description:** Mill and resurface S.R. 472, turn lane widening, and add turn lane from eastbound S.R. 472 to northbound Minnesota Avenue.

<table>
<thead>
<tr>
<th>FIN #</th>
<th>439121-1-52-01 &amp; 439144-1-52-01</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTRACT #</td>
<td>E5Z77</td>
</tr>
<tr>
<td>CONVENTIONAL PAY ITEM</td>
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</tr>
<tr>
<td>CONTRACTOR</td>
<td>P&amp;S Paving, Inc.</td>
</tr>
<tr>
<td>FED. AID #</td>
<td>NA</td>
</tr>
<tr>
<td>FUND TYPE</td>
<td>Maintenance</td>
</tr>
<tr>
<td>CONSTRUCTION ENGINEER</td>
<td>Rafael Rodriguez, P.E.</td>
</tr>
<tr>
<td>MAINTENANCE CONTACT</td>
<td><a href="mailto:Kberg@pandspaving.com">Kberg@pandspaving.com</a></td>
</tr>
<tr>
<td>ALT. 24 HR CONTRACTOR EMERGENCY CONTACT</td>
<td><a href="mailto:Kberg@pandspaving.com">Kberg@pandspaving.com</a></td>
</tr>
<tr>
<td>Original Start Date</td>
<td>7/02/2019</td>
</tr>
<tr>
<td>Original Completion Date</td>
<td>Spring 2020</td>
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<tr>
<td>Current CFPR</td>
<td>98</td>
</tr>
<tr>
<td>Time Began</td>
<td>9/27/2019</td>
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<tr>
<td>Elapsed</td>
<td>21.50%</td>
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<tr>
<td>% Original</td>
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<tr>
<td>% to Date</td>
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<tr>
<td>Estimated Completion Date</td>
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<tr>
<td>COST</td>
<td>$3,278,490.18</td>
</tr>
</tbody>
</table>

### VOLUSIA

**Pavement Markings, Various Roads**

**Project Description:** Install new thermoplastic pavement markings and reflective pavement markings on various roads.

<table>
<thead>
<tr>
<th>FIN #</th>
<th>427833-1-72-05</th>
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</thead>
<tbody>
<tr>
<td>CONTRACT #</td>
<td>E5U70</td>
</tr>
<tr>
<td>MAINTENANCE</td>
<td></td>
</tr>
<tr>
<td>CONTRACTOR</td>
<td>Southern States Pavement Markings</td>
</tr>
<tr>
<td>FED. AID #</td>
<td>N/A</td>
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<tr>
<td>FUND TYPE</td>
<td>Maintenance</td>
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<tr>
<td>CONSTRUCTION ENGINEER</td>
<td>Rafael Rodriguez, P.E.</td>
</tr>
<tr>
<td>MAINTENANCE CONTACT</td>
<td><a href="mailto:Kberg@pandspaving.com">Kberg@pandspaving.com</a></td>
</tr>
<tr>
<td>ALT. 24 HR CONTRACTOR EMERGENCY CONTACT</td>
<td><a href="mailto:Kberg@pandspaving.com">Kberg@pandspaving.com</a></td>
</tr>
<tr>
<td>Original Start Date</td>
<td>10/02/2018</td>
</tr>
<tr>
<td>Original Completion Date</td>
<td>Spring 2020</td>
</tr>
<tr>
<td>Current CFPR</td>
<td>NA</td>
</tr>
<tr>
<td>Time Began</td>
<td>12/14/2018</td>
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<tr>
<td>Elapsed</td>
<td>21.50%</td>
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<tr>
<td>% Original</td>
<td>407.216.9848</td>
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<tr>
<td>% to Date</td>
<td>86.55%</td>
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<tr>
<td>EST. COMPLETION</td>
<td>Late 2019</td>
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<tr>
<td>Cost</td>
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<tr>
<td>COST</td>
<td>$3,278,490.18</td>
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</tbody>
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**Outside Consultant**

- **In-House Construction**
- **Maintenance**
Project Status Report as of December 19, 2019

VOLUSIA

U.S. 1 Concrete Rehabilitation

FIN # 441682-1-72-01
CONTRACT # E5U82

Maintenance

PROJECT DESCRIPTION: Repair and replace concrete slabs along U.S. 1 from south of Reed Canal Road to Fleming Avenue in Port Orange.

| CONTRACTOR: | GPS Civil Construction Inc. | LET DATE: | 2/05/2019 | ORIGINAL: | 270 | $2,090,679.00 |
| FED. AID #: | N/A | NTP: | 4/16/2019 | CURRENT: | 292 | $2,090,679.00 |
| FUND TYPE | Conventional | TIME BEGAN: | 4/16/2019 | ELAPSED: | 286 | $1,484,824.20 |
| Current CFPR: | | WORK BEGAN: | 4/16/2019 | % ORIGINAL: | 105.93% | 71.02% |
| | | EST. COMPLETION: | Early 2020 | % TO DATE: | 97.95% | 71.02% |

CONTACT

PROJECT ADMINISTRATOR
Ernie Saltar
O: 386.740.3416
eernesto.saltar@dot.state.fl.us

CONTRACT SUPPORT SPECIALIST (CSS)
Ben Griffiths
O: 386.740.3564
ben.griffiths@dot.state.fl.us

CONTRACTOR'S PROJECT MANAGER:
Greg Schlaffer
O: 386.872.5811 C: 386.316.9314
greg@gpscivil.com

CONTRACTOR'S SUPERINTENDENT:
Dallas Moore
O: 386.872.5811 C: 386.566.4800
dallas@gpscivil.com

CONSTRUCTION ENGINEER
Rafael Rodriguez, P.E.
O: 386.740.3594 C: 386.801.5571
rafael.rodriguez@dot.state.fl.us

SENIOR INSPECTOR:
Paul Stacks
C: 352.217.1773
paul.stacks@aecom.com

ADD'L SENIOR INSPECTOR
MAINTENANCE CONTACT:
Chris Engels
O: 386.740.3420 C: 386.279.5444
christopher.engels@dot.state.fl.us

ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:
Dallas Moore
O: 386.872.5811 C: 386.566.4800
dallas@gpscivil.com

c: 904.221.7449

CONTRACTOR'S SUPERINTENDENT:
O: 386.872.5811 C: 386.316.9314
greg@gpscivil.com

ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:
O: 386.872.5811 C: 386.316.9314
greg@gpscivil.com

PROJECT DESCRIPTION:
Repair and replace concrete slabs along U.S. 1 from south of Reed Canal Road to Fleming Avenue in Port Orange.

present Amount: $837,910
Paid to Date: $811,570

VOLUSIA

I-4 / Saxon Boulevard Interchange Landscaping

FIN # 435469-2-52-01
CONTRACT # E5Y26

PROJECT DESCRIPTION:
Drainage improvements along SR 483 to include drainage repair, ditch cleaning and reshaping, installation of a new headwall, and the installation of synthetic turf revetment.

| CONTRACTOR: | DB Civil | LET DATE: | 9/06/2019 | ORIGINAL: | 120 | $419,755.50 |
| FED. AID #: | N/A | NTP: | 10/29/2019 | CURRENT: | 120 | $419,755.50 |
| Current CFPR: | 100 | WORK BEGAN: | TBD | % ORIGINAL: | 0.00% | 0.00% |
| | | EST. COMPLETION: | Spring 2020 | % TO DATE: | 0.00% | 0.00% |

CONTACT

PROJECT ADMINISTRATOR
Charles Long
O: 386.740.3505 C: 407.415.0764
charles.long@dot.state.fl.us

CONTRACT SUPPORT SPECIALIST (CSS)
Ernie Saltar
O: 386.740.3416
eernesto.saltar@dot.state.fl.us

CONTRACTOR'S PROJECT MANAGER:
Joseph Dunbar
O: 904.221.7449

CONTRACTOR'S SUPERINTENDENT:
Tim Goodknecht
O: 386-254-9787

CONSTRUCTION ENGINEER
Rafael Rodriguez, P.E.
O: 386.740.3594 C: 386.801.5571
rafael.rodriguez@dot.state.fl.us

SENIOR INSPECTOR:
Mark Dawkins
C: 407-205-6872

ADD'L SENIOR INSPECTOR
MAINTENANCE CONTACT:
Chris Engels
O: 386.740.3420 C: 386.279.5444
christopher.engels@dot.state.fl.us

ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:
Dallas Moore
O: 386.872.5811 C: 386.316.9314
dallas@gpscivil.com

ALT. 24 HR CONTRACTOR EMERGENCY CONTACT:
O: 386.872.5811 C: 386.566.4800
dallas@gpscivil.com

PROJECT DESCRIPTION:
Drainage improvements along SR 483 to include drainage repair, ditch cleaning and reshaping, installation of a new headwall, and the installation of synthetic turf revetment.
VIII. PRESENTATIONS, STATUS REPORTS AND DISCUSSION ITEMS

E. VOLUSIA COUNTY AND FLAGLER COUNTY CONSTRUCTION REPORTS

Background Information:

Staff from Volusia County Traffic Engineering and Flagler County Traffic Engineering will be present to answer questions and/or provide updates to the county projects that are either completed, under construction, or close to being ready for construction.

The Volusia County and Flagler County Construction Reports are provided for your information.

ACTION REQUESTED:

NO ACTION REQUIRED UNLESS OTHERWISE DIRECTED BY THE COMMITTEE
Volusia County Construction Report – December 2019*

Completed within the last 6 months:
1) Turnbull Bay Bridge Replacement
2) New York Ave sidewalk (Hamilton to US-17/92)
3) Mast Arm Replacement at Catalina and Midway
4) Howland Blvd. Turn Lane
5) River Road Repair and Stabilization

Under Construction or Advertised for Construction:
1) Veterans Memorial Bridge (Orange Ave.) – Under construction
2) W. Park Avenue 3-lane widening (Dale Street to Old Mission Rd) – Under Construction
3) Coast to Coast Trail Wayfinding Signage, and Emergency Location Markers – Under Construction
4) Williamson Blvd. (LPGA to Strickland Range) – Construction Contract Awarded
5) Turtlemound Road Repair – Under Construction
6) Howland Blvd 4-lane widening (Providence Blvd to Elkcam Blvd) – Construction Bids Advertised
7) Tenth St 4-lane widening (Myrtle to US 1) – Construction Bids Advertised
8) Harbor Road Repair and Stabilization – Under Construction

Design Projects:
1) ECRRT – Segment 4A (Guise Rd. to Gobblers Lodge) – Design / Build Contract Executed
2) Orange Camp Rd. 4-lane widening (MLK Blvd. to I-4) – Design Complete, ROW acquisition underway
3) Spring to Spring (DeLeon Springs Trail) – Design Completed
4) DeLeon Spring Connection to Spring to Spring Trail – Design Ongoing
5) Spring to Spring Trail – Segment 3B (Rob Sullivan Park to Dirksen Dr) – Design Ongoing
6) Spring to Spring Trail- Segment 3C (Trail along Don Smith Blvd) – Design Starting
7) Turnbull Bay Road paved shoulders – Design Consultant Hired
8) Beresford Ave Extension (Blue Lake to MLK) – Waiting for ROW from City to start Design
9) Spring to Spring Trail (Lake Beresford to Grand Avenue) – PD&E study administered by FDOT is nearing completion
10) Amelia Ave (Voorhis to Ohio) – In Negotiations for Design Contract
11) Williamson Blvd. (Strickland Range to Hand Ave) – Design Starting
12) Graves Ave Turn lanes (Veterans Memorial Parkway to Kentucky) – In Negotiations for Design Contract
13) Old New York paved shoulders (Shell to S-44) – Design Underway
14) Intersection Improvements at SR-44 and Kepler – Design by FDOT underway
15) Doyle Road paved shoulders (Twisted Oak to Lush Lane) – Not funded
16) Trail Connection from Marine Discovery Center to River to Sea Loop – Design Underway
17) Jacobs Road Sidewalk – Design Underway
18) Sugar Mill Road curve reconstruction and turn lanes – Design underway
19) Study of LPGA Widening from Tymber Creek to I-95 – Initial Feasibility Study Complete, Negotiating Additional Studies
20) Blue Lake Extension from Victoria Park to SR-472 – Preliminary study awarded
21) Old Mission Road from W. Park to Josephine – Safety Study Underway
22) Old Elections Parking Lot Replacement – Negotiating Design Contract

*Changes/Updates since last report are underlined.
Note: Dates are subject to change due to normal project development issues.
# FLAGLER COUNTY CONSTRUCTION REPORT

As of January 2020

## Construction and Near Construction Phase

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<th>Project Description</th>
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<td>1</td>
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<td>2</td>
<td>County Road 2006 Resurfacing</td>
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<td>3</td>
<td>County Road 305 Widening and Resurfacing from bridge # 734006 to SR 100</td>
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<td>4</td>
<td>Old Dixie Highway Widening and Resurfacing</td>
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<td>5</td>
<td>North Mala Compra Drainage Basin Improvements (Not FDOT)</td>
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<td>6</td>
<td>Plantation Bay Wastewater Treatment Facility Improvements (Not FDOT)</td>
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<td>Bay Drive Park (not FDOT)</td>
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<td>Mahogany Blvd. Resurfacing</td>
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<td>Aviation Drive Improvements</td>
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## Design Phase

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<td>Dune Restoration - City of Flagler Beach (ACOE)</td>
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<td>3</td>
<td>County Road 304 Resurfacing from County Road 305 to SR5 (US1)</td>
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<td>CR 304 Replacement of 4 Bridges</td>
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<td>Marineland Acres Road Improvement</td>
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<td>Old Haw Creek from County Road 304 to SR 11</td>
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<td>7</td>
<td>Water Oak Road from County Road 2006 to Mahogany Blvd.</td>
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<td>Graham Swamp Multi-Use Trail &amp; Pedestrian Bridge from Lehigh Trail to SR 100</td>
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<td>Apache Dr from Osceola Ave to 1st Ave</td>
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<td>Hammock Roadway Stabilization - Various Roadways</td>
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<td>Malacompra Road Resurfacing - from A1A to Roadway end at Atlantic Coast Beach</td>
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<td>Hargrove CR 1421 from Otis Stone Hunter CR 1422 to US 1</td>
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<td>Otis Stone from County Road 13 to US 1</td>
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IX. STAFF COMMENTS

X. CAC/TCC MEMBER COMMENTS

XI. INFORMATION ITEMS
   → CAC & TCC Attendance Records
   → River to Sea TPO Board Meeting Summary for November 27, 2019
   → November and December TPO Outreach and Events
   → 2045 LRTP Subcommittee Report
   → UPWP Subcommittee Report

XII. ADJOURNMENT

____________________________________________________________________________________
**The next meetings of the CAC & TCC will be on February 18, 2020**
# CAC Attendance Record 2019

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<td>Flagler County Transit (appt 9/14)</td>
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<td>FDOT District 5 (appt 1/18)</td>
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**Vacancies**
- Bunnell
- Beverly Beach
- Daytona Beach Shores
- Deland
- Flagler County School Board
- Oak Hill
- Volusia County School Board
- Volusia County D-3

January - December 2019
## TCC Attendance Record 2019

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<td>Mike Holmes/Anna Cava Grosso</td>
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<td>Edgewater (appt. 10/99) (alt appt 10/19)</td>
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<td>Larry Newsom</td>
<td>abs</td>
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<td>Flagler Beach (Appt. 02/16)</td>
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<td>Faith Alkhatib/Adam Mengel</td>
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<td>Flagler County Traffic Engineering (appt 9/14)</td>
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<td>Brian Walker/Nick Conte</td>
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<td>exc</td>
<td>x</td>
<td>x</td>
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<td>Holly Hill [appt 10/17] (alt appt 10/19)</td>
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<td>Amye King/Kyle Fegley</td>
<td>x</td>
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<td>New Smyrna Beach (appt. 10/16)</td>
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<td>Lake Helen (appt 12/18) (alt appt 8/19)</td>
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<td>Shawn Finley</td>
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<td>Ormond Beach (appt. 12/17)</td>
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<td>Becky Mendez (18/19 Vice Chairperson)</td>
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<td>Orange City (appt. 08/15)</td>
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<td>Jose Papa (18/19 Chairperson)</td>
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<td>x</td>
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<td>Palm Coast (appt 7/14)</td>
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<td>Mark Karet</td>
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<td>Ponce Inlet (appt. 09/16) (alt. appt. 04/19)</td>
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<td>Aref Joulani/Mike Disher</td>
<td>x</td>
<td>x</td>
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<td>Ponce Inlet (appt. 09/16) (alt. appt. 04/19)</td>
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<td>Tim Burman/Margaret Tomlinson</td>
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<td>Port Orange (appt. 10/13) (alt appt 11/9)</td>
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<td>Brian Peek/Patty Rippey</td>
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<td>Lauren Possinger</td>
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<td>Volusia County Emergency Mgmt (appt 11/19)</td>
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<td>FDOT (appt 1/18)</td>
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</table>

| QUORUM  | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

### Vacancies
- Beverly Beach
- Flagler County Transit
- Flagler County Aviation
- Flagler County Emergency Management
- Flagler County School Board
- Oak Hill

January - December 2019

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River to Sea TPO Board
Meeting Summary
November 27, 2019

- Received public comment regarding bus service to the Tanger Outlet Mall and Tomoka Town Center and the formation of a citizens committee to help promote the local option sales tax for the 2022 ballot

- Approved the Consent Agenda including approval of: October 23, 2019 meeting minutes; the MPOAC report; expenditure for Clyde Morris Boulevard right-turn lanes feasibility study ($35,975); expenditure for Taylor Road/Williamson Boulevard and Dunlawton Avenue corridor at I-95 feasibility study ($48,935); Executive Director’s overall evaluation result and recommendation for retention; and cancelled the December Executive Committee and TPO Board meetings

- Approved Resolution 2019-20 amending the FY 2019/20 to 2023/24 Transportation Improvement Program (TIP)

- Approved the 2045 Long Range Transportation Plan (LRTP) Goals and Objectives

- Approved Resolution 2019-21 supporting the County of Volusia in the development of intersection improvements at Tomoka Farms Road (CR 415) and Pioneer Trail (CR 4118)

- Approved the River to Sea TPO’s FY 2018/19 Independent Audit Report

- Approved Resolution 2019-22 adopting the Community Safety Action Plan (CSAP)

- Approved Resolution 2019-23 adopting the FY 2018/19 Public Involvement Report

- Approved the priority project applications for Traffic Operations/Safety and Local Initiatives projects, Transportation Planning studies, and Bicycle/Pedestrian and B/P Local Initiatives projects for the 2020 annual Call for Projects

- Approved Resolution 2019-24 clarifying the local match requirements placed on member local governments for projects prioritized for funding by the TPO

- Approved Resolution 2019-25 amending the policy for establishing and maintaining transportation priority projects to add TRIP eligible projects to the annual Call for Projects letter updating project information

- Received a presentation and discussed the upcoming two-year Unified Planning Work Program (UPWP)
• Received a PowerPoint presentation of the I-95 and Pioneer Trail interchange and directed staff to draft a resolution in support of Alternative 3, the cloverleaf #2 interchange for the January TPO Board meeting

• The FDOT report was provided in the agenda

• Received the Executive Director’s report including an update on the SU funding/Work Program and the FDOT D-5 proposed Local Agency Program (LAP) policy

• Announced FDOT D-5 Secretary Mike Shannon has resigned and Mr. Jared Perdue from D-3 will be the interim Secretary; and announced Ms. Alison Stettner is relocating to the FDOT Central Office in Tallahassee to be the head of planning in the state

• Announced the R2CTPO’s Annual Year End Celebration and Toy Drive will be Friday, December 13, 2019 from 3:00 pm to 5:00 pm

**Follow-up Items:**

• Directed staff to email notification of the upcoming UPWP to the TPO’s distribution list for feedback

• FDOT to supply explanation for the closure of US 1 in Bunnell

**NOTE: THE DECEMBER EXECUTIVE COMMITTEE AND TPO BOARD MEETINGS ARE CANCELLED**

*The next River to Sea TPO Board meeting will be on Wednesday, January 22, 2020*
November/December 2019 TPO Outreach & Activities

1. **Conklin Center for the Blind Shining the Light Annual Gala**
   - **Date:** Friday, November 1, 2019
   - **Location:** Daytona Beach
   - **Description:** TPO staff manned a table at the Conklin Center’s Annual Gala

2. **Volusia Legislative Delegation Presentation**
   - **Date:** Wednesday, November 20, 2019
   - **Location:** DeBary Hall
   - **Description:** TPO staff presented the R2CTPO 2020 Legislative Priorities to the Volusia County Legislative Delegation

3. **Flagler Legislative Delegation Presentation**
   - **Date:** Thursday, November 21, 2019
   - **Location:** Bunnell
   - **Description:** TPO staff presented the R2CTPO 2020 Legislative Priorities to the Flagler County Legislative Delegation

4. **Florida Metropolitan Planning Partnership (FMPP) Meeting**
   - **Date:** Thursday - Friday, December 5-6, 2019
   - **Location:** Orlando
   - **Description:** TPO staff attended the FMPP meeting which discussed UPWPs, safety in planning and MPO and transit agency coordination

5. **TPO Annual Year-End Celebration**
   - **Date:** Friday, December 13, 2019
   - **Location:** TPO Office
   - **Description:** TPO staff held its annual Year-End Celebration and Toy Drive for the Children's Home Society of Flagler and Volusia. Ninety-eight (98) toys were donated and more than 35 people attended this event
November/December 2019 TPO Outreach & Activities

**JANUARY EVENTS:**
1: New Year’s Day, TPO Office Closed
10: Central Florida MPO Alliance (CFMPOA) Meeting, Orlando
30: MPO Advisory Council Meeting, Orlando

**OTHER UPCOMING EVENTS:**
March: Date TBD: River to Sea TPO Annual Retreat

**ONGOING PROJECTS & STUDIES:**
- Central Florida Regional Planning Model Update
- Development of FY 2018/19 Annual Report
- Development of 2045 LRTP (Focus Group Scheduling, Data Collection, and Survey Development)
- Development of FY 2019/20 and 2020/21 Unified Planning Work Program (UPWP)
- Update of the Congestion Management Process
- Regional Resiliency Action Plan Implementation
- Connected/Automated Vehicle Readiness Study
- Washington Ave RR Crossing Feasibility Study
- Reed Canal North Sidewalk Feasibility Study
- Sauls St. Bridge Replacement Feasibility Study
- Williamson Blvd and Willow Run Blvd Sidewalk Feasibility Study
- Janitorial Services Request for Quotes (RFQ)
- Human Resources Consultant RFQ

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**2045 Long Range Transportation Plan Updates**
- 2045 LRTP Subcommittee meets on the 3rd Tuesday of every month at 11:30 a.m. The next meeting is scheduled for Tuesday, January 21, 2020 at the TPO office.
- 2045 LRTP website has been launched: [www.R2CTPOConnect2045.com](http://www.R2CTPOConnect2045.com)
- Coming Soon:
  - 2045 LRTP Survey
  - Focus Group Workshops
2045 Long Range Transportation Plan (LRTP) Subcommittee Meeting Summary
November 19, 2019

- Reviewed and recommended approval of the 2045 Long Range Transportation Plan (LRTP) Goals and Objectives as amended
- Presented and discussed the revisions to the Data Summary incorporating previous subcommittee feedback
- Presented and discussed the features of the Connect 2045 Website
- Discussed the format and approach of the Focus Groups Workshops to be scheduled for January
- Discussed and received initial subcommittee input on development of the Technology, Resiliency and Funding Scenarios
- Discussed Connect 2045 next steps

**The next 2045 LRTP Subcommittee meeting will be January 21, 2020**
Unified Planning Work Program (UPWP) Subcommittee
Meeting Summary
December 3, 2019

- Elected Mr. Bobby Ball as the Chairperson for the Unified Planning Work Program (UPWP) Subcommittee
- Reviewed and recommended approval of the individual tasks proposed for the FY 2020/21 and 2021/22 Unified Planning Work Program (UPWP) with modifications (Handout attached)

No further meetings of the UPWP Subcommittee have been scheduled
Fiscal Year 2020/21 & 2021/22 Unified Planning Work Program (UPWP)

Year 1: PL-$35k // FTA-$50k   ---   Year 2: PL-$70k // FTA-$15k

Planning Factors and Emphasis Areas

• Transportation Systems Management & Operations (TSM&O)
• Automated, Connected, Electric & Shared (ACES) Vehicle Technologies
• Freight (Delivery, Connectivity, Parking)
• Resiliency (assessment, adaptation, system improvements)
• Tourism (assessment, communication & partnering, connectivity)
• Safety (assessment, monitoring & reporting, integration into decision-making, system improvements)
• Complete Streets (implementation)
• Transit Planning & Support (Votran, Flagler County, SunRail, Brightline)
•
<table>
<thead>
<tr>
<th>TASK #</th>
<th>Task Title / Category</th>
<th>Deliverables Current UPWP</th>
<th>Deliverables FY 2020/21 &amp; 2021/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.01</td>
<td><strong>General Administration &amp; Program Support</strong></td>
<td>- Complete a COOP Exercise&lt;br&gt;- Independent Audit for Financial Compliance&lt;br&gt;- Complete an Annual Planning Retreat Event&lt;br&gt;- Develop Annual Operating Budget&lt;br&gt;- Approve slate of Officers for TPO Board&lt;br&gt;- Submit FTA Section 5305(d) &amp; TD Planning Grant applications&lt;br&gt;- Contract Management/RFP’s (Office Cleaning, 2045 LRTP)&lt;br&gt;- Employee Team Building/Goal Setting Activity&lt;br&gt;- Develop a Policies &amp; Procedures Reference Manual&lt;br&gt;- Update the Employee Handbook&lt;br&gt;- Update the Purchasing Manual</td>
<td>- Complete a COOP Exercise&lt;br&gt;- Independent Audit for Financial Compliance&lt;br&gt;- Complete an Annual Planning Retreat Event&lt;br&gt;- Develop Annual Operating Budget&lt;br&gt;- Approve slate of Officers for TPO Board&lt;br&gt;- Submit FTA Section 5305(d) &amp; TD Planning Grant applications&lt;br&gt;- Contract Management: Transit Consultant (expires June 30, 2021); Postage Meter Lease (expires April 1, 2022); General Planning Consultants (expires June 30, 2022); Legal Counsel (expires June 30, 2020); Audit Firm (June 30, 2021).&lt;br&gt;- Create a desk procedure/manual of CFO processes.&lt;br&gt;- Facility upgrades</td>
</tr>
<tr>
<td>1.02</td>
<td><strong>Information Technology Systems &amp; Website Support</strong></td>
<td>- Procure/Replace Equipment as needed&lt;br&gt;- Issue IT Services RFP / Contract Update</td>
<td>- Procure/Replace Equipment as needed&lt;br&gt;- Issue Website Support Services RFP/Contract (expires June 30, 2022)&lt;br&gt;- Electronic File Management (maintaining &amp; archiving).</td>
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</tbody>
</table>
| 1.03 | **Public Information** | Complete Annual Title VI & LEP Training  
Annual Public Involvement Matrix/Summary  
Annual Report for previous fiscal year  
Implement the TRAC program  
Update the Public Involvement Plan  
Update Title VI & LEP Documents | Complete Annual Title VI & LEP Training  
Annual Public Involvement Matrix/Summary  
Annual Report for previous fiscal year  
Implement the TRAC program  
Utilize a communication program such as Constant Contact to disseminate information to TPO members and the public |
| 2.01 | **Program Development**  
**(UPWP)** | Develop/Adopt a new 2-year UPWP  
Manage Planning Activities, Deliverables & Budget  
Process Amendments as needed  
Implement the Consolidated Planning Grant (CGP) | Develop/Adopt a new 2-year UPWP  
Manage Planning Activities, Deliverables & Budget  
Process Amendments as needed  
Conduct a benchmarking review of other UPWPs to identify other potential funding sources & best practices. |
| 2.02 | **Transportation Improvement Program**  
**(TIP) Development** | Issue Annual Call for Projects & Approve R2CTPO List of Prioritized Projects (LOPP)  
Develop/Adopt a new 5-year TIP  
Process Amendments as needed | Issue Annual Call for Projects & Approve R2CTPO List of Prioritized Projects (LOPP)  
Develop/Adopt a new 5-year TIP  
Process Amendments as needed  
Conduct a benchmarking review of other TIPs to identify trends, potential funding sources & best practices. |
| 2.03 | **Transportation Data Information Management** | Develop CMP/Performance Measures Report  
Provide data collection/GIS support to TPO staff and projects as needed (bike map, CSAP, etc.)  
Update the CMP/TPM Annual Data Collection Process  
Implement Transportation Performance Management (TPM) Requirements | Develop CMP/Performance Measures Report  
Provide data collection/GIS support to TPO staff and projects as needed (bike map, CSAP, etc.)  
Continue to Implement Transportation Performance Management (TPM) Requirements  
Identify needed study/improvements for congested corridors identified in CMP analysis |
<table>
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<tr>
<th>2.04</th>
<th><strong>Corridor Studies &amp; Program Support</strong></th>
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<tbody>
<tr>
<td><strong>Planning &amp; project support activities for PD&amp;E’s, corridor studies, project funding, etc.</strong></td>
<td>Provide general project development support to TPO member governments. Complete the I-95 to SR 417 Connector Study Environmental Study Participate in: I-95 at LPGA Interchange PD&amp;E; I-95 at Pioneer Trail PD&amp;E, Provide review, comment, support &amp; oversight for proposed changes to the LAP.</td>
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**2.05** | **State & Regional Planning and Coordination** |
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<tbody>
<tr>
<td><strong>Planning &amp; program support for regional, state &amp; national planning activities</strong></td>
<td>Participate in CFMPOA &amp; MPOAC Activities Approve of the Regional List of Project Priorities Participate in the East Central Florida Regional Resilience Collaborative</td>
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**2.06** | **ITS/Traffic Ops/Safety Project Feasibility Studies** |
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<tbody>
<tr>
<td><strong>Manage studies to determine project feasibility &amp; costs prior to programming</strong></td>
<td>Complete project feasibility studies IAW LOPP Complete Roadway Safety Evaluation Study</td>
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**2.07** | **Community Transportation Survey** |
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<tr>
<td><strong>Used to track trends and validate understanding of public opinions &amp; understanding</strong></td>
<td>Complete a community transportation survey</td>
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</table>

Conduct a benchmarking review of other TPO’s to identify data collection & reporting strategies & best practices

Provide general project development support to TPO member governments.
Continue to monitor and provide input on the proposed LAP policy for District 5.
Develop a list of grant/funding opportunities and track grant opportunities to fund potential projects or studies.

Participate in CFMPOA & MPOAC Activities Approve of the Regional List of Project Priorities Participate in the East Central Florida Regional Resilience Collaborative Develop a Regional LRTP

Complete project feasibility studies IAW LOPP Complete a community transportation survey
<table>
<thead>
<tr>
<th>General Planning Studies &amp; Initiatives</th>
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<th>2.09</th>
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<td>General Planning Activities as needed to support improvements in mobility (freight, parking, TSM&amp;O, etc.). Includes General Planning Consultant (GPC) activity</td>
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<tr>
<td><strong>Other Previous Activity</strong></td>
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<tr>
<td>Includes:</td>
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<tr>
<td>• Provided direct transportation planning support and technical assistance to small local governments</td>
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<tr>
<td>• Adopt Volusia County Resiliency Report</td>
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<tr>
<td>• Completed US 17 Multimodal Corridor Planning Study</td>
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<td>• Completed TSM&amp;O Master Plan for the R2CTPO's planning area.</td>
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<tr>
<td><strong>Adopt Flagler County Resiliency Report</strong></td>
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<tr>
<td><strong>Adopt Sea Level Rise Planning Horizons and Rate Policy</strong></td>
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<tr>
<td><strong>Review &amp; analysis of planning study recommendations</strong></td>
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<td><strong>Adopt Complete Streets Policy and Implementation Plan</strong></td>
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<td><strong>Complete a Connected &amp; Automated Vehicle (CAV) Readiness Planning Study</strong></td>
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<tr>
<td><strong>The relationship between Food Deserts and Transportation (not completed)</strong></td>
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<td><strong>Convene and facilitate &quot;Transportation Corridor&quot; working groups to help identify and describe the challenges and opportunities of the future so that our planning and implementation choices can meet both our short term and long term needs.</strong></td>
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<td><strong>Review and analyze crash data and contributing factors; identify crash reduction measures within the TPO Planning Area.</strong></td>
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<td><strong>Continue to assess Sea Level Rise Vulnerability for the planning area and implement policies to increase the resiliency of the transportation network to sea level rise, storm surge and coastal flooding.</strong></td>
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<td><strong>Work with FHWA and general planning consultant for the Resilience and Durability to Extreme Weather Pilot Program.</strong></td>
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<td><strong>Continued implementation of the complete streets ordinance and evaluation of associated projects.</strong></td>
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<td><strong>Use heat maps to track recent crash data to identify hot spot areas</strong></td>
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<td><strong>Conduct Before and After Studies for specific projects to analyze their effectiveness (i.e. - Adaptive Signal Control, Safety Improvements, etc.)</strong></td>
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<td><strong>Development of the 2045 Long Range Transportation Plan (LRTP)</strong></td>
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<td><strong>Complete development of the 2045 LRTP (adoption by September 2020)</strong></td>
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| 2.10 | **Community Safety-Related Program**  
Develop a Community Safety Events Schedule  
Participate in helmet fitting and safety promotion events throughout the planning area  
Develop a Community Safety Awareness Plan (CSAP)  
| Development of a Speakers’ Bureau – people whose lives have been affected by speeding and distracted driving  
Development of an education and awareness campaign/curriculum for safety, speeding and distracted driving to be taught in Volusia & Flagler County Schools in grades K-12  
Creation of targeted print and social media safety campaigns – distributed through the Hotel/Motel Lodging Associations, college and university campuses, etc. |

| 3.01 | **Bicycle/Pedestrian Planning & Implementation**  
Planning & promotion of safe, non-motorized travel options within the planning area  
| Other Previous Activity Includes:  
- Completed Bicycle & Pedestrian Plan.  
- Updated Volusia County Bicycling Map for the Experienced Cyclist.  
- Adoption of a Bicycle Suitability Map.  
- Attendance & participation at various workshops and events such as: • Florida  
 Manage the Annual Call for Bike/Ped/Trails projects  
Develop & approve the Bicycle/Pedestrian List of Prioritized Projects.  
Participate in Local & Regional advisory groups (St. Johns River to Sea Loop Alliance, Coast to Coast Trail Leadership Team, etc.)  
Complete a Bike-Ped Count Report  
Adopt a Bicycle & Pedestrian Safety Action Plan (B/PSAP)  
Participate in Step It Up - Action Institute to Increase Walking and Walkability  
| Manage the Annual Call for Bike/Ped/Trails projects  
Develop & approve the Bicycle/Pedestrian List of Prioritized Projects.  
Participate in Local & Regional advisory groups (St. Johns River to Sea Loop Alliance, Coast to Coast Trail Leadership Team, etc.)  
Develop a Bicycle and Pedestrian Digital Count Program.  
Develop safety countermeasures using FHWA Pedestrian Safety Guide and Countermeasure Selection System (PEDSAFE) and Bicycle Safety Guide and Countermeasure Selection System (BIKESAFE) (contingent on grant funding for engineering support).  
Continued coordination with stakeholders (including Space Coast TPO, FDOT, FDEP, Brevard, Flagler, Putnam, St. Johns and Volusia Counties) to develop the St. Johns River to Sea Loop Trail and Coast to Coast Connector Trail.  
Develop a formal process to identify types of projects (spot locations, corridors, targeted areas, entire jurisdictions) for pedestrian and bicycle safety improvements.  
Conduct Pedestrian/Bicycle Safety Audits for focus areas |
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<th>Greenways and Trails System (FGTS) Plan Workshop • FDOT Complete Streets Design Manual Workshop • Volusia County Trails Summit</th>
<th>(contingent on grant funding for engineering support). Develop an implementation strategy (short term, medium term and long term) for PSAP safety countermeasures. Completion of school safety studies for selected charter schools in Volusia and Flagler Counties.</th>
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<td>3.02</td>
<td><strong>Bicycle/Pedestrian Project Feasibility Studies</strong>&lt;br&gt;Manage studies to determine project feasibility &amp; costs prior to programming</td>
<td>Complete project feasibility studies IAW LOPP Complete project feasibility studies IAW LOPP</td>
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| 4.01 | **Transit Related Activities & Transportation Disadvantaged (TD)**<br>Provide technical planning assistance for local government and transit agencies to identify transit development priorities, and improve transit safety & connectivity.<br>- Votran<br>- Flagler County Public Transit (FCPT)<br>- SunRail | Provide staff support to the TDLCB<br>Attend meetings for FCPT & Sunrail (Flagler TDLCB, TAC & Commission)<br>Coordinate & attend Florida TD Commission’s Annual Transportation Disadvantaged Legislative Awareness Day<br>Approve Transit Annual Operating Report (AOR) and Annual Evaluation Report (AER)<br>Complete TDSP Annual Update<br>Complete a Paratransit Service Analysis (not completed)<br>Local Bus Stop Improvement Plans and Phase II (not completed)<br>support completion of the Fixed Route East Volusia Comprehensive Ops Analysis (COA) (not completed) | Provide staff support to the TDLCB<br>Attend meetings for FCPT & Sunrail (Flagler TDLCB, TAC & Commission)<br>Coordinate & attend Florida TD Commission’s Annual Transportation Disadvantaged Legislative Awareness Day<br>Approve Transit Annual Operating Report (AOR) and Annual Evaluation Report (AER)<br>Complete TDSP Annual Update<br>Assist Votran & Flagler County in updating the Transit Development Plan (TDP).<br>Conduct a Paratransit Service Analysis<br>Update the transit-related requirements in the adopted Traffic Impact Analysis Guidelines.<br>In partnership with Votran, work with the consulting team to develop East Side Comprehensive Operation Analysis for
| 4.02 | **Transit Planning Services - General Consulting**
Utilize a General Planning Consultant (GPC) to provide general transit planning assistance to public transit providers in support of service planning activities | Review and approve Transit Asset Management Plans
Review and approve Public Transit Safety Plans | Volusia County
Conduct a Paratransit Service Analysis | Volusia County Bus Stop Improvement Plan Phase I
Flagler County Fixed Route Bus Service Transit Operation Plan |