



MEETING NOTICE & AGENDA

Please be advised that the River to Sea Transportation Planning Organization (R2CTPO) **BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE (BPAC)** will be meeting on:

DATE: Wednesday, March 14, 2018

TIME: 3:00 PM

PLACE: River to Sea TPO
2570 W. International Speedway Blvd.,
Suite 100 (Conference Room)
Daytona Beach, Florida 32114-8145

Mr. Bob Storke, Chairperson

AGENDA

- I. **CALL TO ORDER/ROLL CALL/DETERMINATION OF QUORUM/PLEDGE OF ALLEGIANCE**
- II. **PUBLIC COMMENT/PARTICIPATION** *(Length of time at the discretion of the Chairperson)*
- III. **ACTION ITEMS**
 - A. **REVIEW AND RECOMMEND APPROVAL OF THE FEBRUARY 14, 2018 BPAC MEETING MINUTES** *(Contact: Stephan Harris) (Enclosure, pages 3-10)*
 - B. **REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2018-## ADOPTING THE DRAFT BICYCLE AND PEDESTRIAN PLAN REPORT** *(Contact: Stephan Harris) (Enclosure, pages 11-13)*
 - C. **APPOINTMENT OF 2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) SUBCOMMITTEE MEMBERS** *(Contact: Colleen Nicoulin) (Enclosure, page 14)*
 - D. **APPOINTMENT OF 2018 BPAC PROJECT REVIEW SUBCOMMITTEE MEMBERS** *(Contact: Stephan Harris) (Enclosure, page 15)*

III. ACTION ITEMS *(continued)*

- E. APPOINTMENT OF BICYCLE SUITABILITY MAP SUBCOMMITTEE MEMBERS**
(Contact: Stephan Harris) (Enclosure, page 16)

IV. PRESENTATIONS AND DISCUSSION ITEMS

- A. PRESENTATION AND DISCUSSION OF “TELL THE TPO” SURVEY CAMPAIGN**
(Contact: Pamela Blankenship) (Enclosure, pages 17-28)
- B. PRESENTATION AND DISCUSSION OF THE BIKE FLORIDA SAND AND STARS TOUR**
(Contact: Colleen Nicoulin) (Enclosure, page 29)
- C. PRESENTATION AND DISCUSSION OF RECTANGULAR RAPID FLASHING BEACON (RRFB) ALTERNATIVES** *(Stephan Harris) (Enclosure, page 30)*

V. STAFF COMMENTS *(Enclosure, pages 31)*

VI. INFORMATION ITEMS *(Enclosure, pages 31-38)*

- BPAC Attendance Record
- 2018 R2CTPO Annual Planning Retreat
- TPO Board Meeting Report
- TPO Outreach & Activities (February 2018)
- Who’s Who in Transportation

VII. BPAC MEMBER COMMENTS *(Enclosure, page 31)*

VIII. ADJOURNMENT *(Enclosure, page 31)*

*****The next meeting of the BPAC will be on Wednesday, April 11, 2018*****

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

NOTE: If any person decides to appeal a decision made by the 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 in any of its programs or services. To learn more about our commitment to nondiscrimination and diversity, visit our Title VI page at www.R2CTPO.org or contact our Title VI/Nondiscrimination Coordinator, Pamela Blankenship, at 386-226-0422, extension 20416, or pblankenship@r2ctpo.org.

**SUMMARY SHEET
BPAC
MARCH 14, 2018**

III. ACTION ITEMS

A. REVIEW AND APPROVAL OF THE FEBRUARY 14, 2018 BPAC MEETING MINUTES

BACKGROUND INFORMATION:

Minutes are prepared for each meeting and must be approved by the BPAC. The February 14, 2018 BPAC meeting minutes are provided with this agenda packet for your review.

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF THE FEBRUARY 14, 2018 BPAC MEETING MINUTES

Bicycle/Pedestrian Advisory Committee (BPAC)
Meeting Minutes
February 14, 2018

Members Present:

Ted Wendler
Michelle Grenham
Paul Eik , Vice Chairperson
Larry Coletti
Gilles Blais
Nic Mostert
Bob Storke, Chairperson
Joe Villanella
Jason Aufdenberg
Patrick McCallister
Alice Haldeman

Non-Voting Technical Appointees Present:

Gwen Perney
Terri Bergeron

Members/Technical Appointees Absent:

Doug Hall (excused)
Jeff Hodge
Scott Leisen
Mike Ziarnik (excused)
Wendy Hickey (excused)
Heidi Petito/Bob Owens
Gayle Belin (excused)
Danielle Anderson
Christy Gillis (excused)
Nancy Burgess-Hall (excused)
Rob Brinson
John Cotton (excused)

Others Present:

Pamela Blankenship
Stephan Harris
Colleen Nicoulin
Lois Bollenback
Andy Dance
Emery Jeffrey
Melissa Winsett

Representing:

DeLand
Edgewater
Flagler Beach
Flagler County
Holly Hill
New Smyrna Beach
Orange City
Ponce Inlet
Volusia County, At Large, Alternate
Volusia County, District 1
Volusia County, District 3

Representing:

Port Orange
Volusia County

Representing:

Daytona Beach
DeBary
Deltona
FDOT
Flagler County
Flagler County Transit
Ormond Beach
Palm Coast
South Daytona
Volusia County, District 2
Volusia County School Board
Votran

Representing:

TPO Staff
TPO Staff
TPO Staff
TPO Staff
Flagler County School Board
St. Johns River to Sea Loop Alliance
Volusia County Traffic Engineering

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

The meeting of the River to Sea Transportation Planning Organization (TPO) Bicycle/Pedestrian Advisory Committee (BPAC) was called to order at 3:00 p.m. by Chairperson Bob Storke. The roll was called and it was determined that a quorum was present.

II. Public Comment/Participation

There were no press/citizen comments.

III. Action Items

A. Review and Approval of January 10, 2018 BPAC Meeting Minutes

Mr. Eik referred to page 13 of the minutes, Staff Comments, the discussion regarding Rectangular Rapid Flashing Beacons (RRFBs) and his request under Member Comments to continue that discussion and make it an agenda item for this meeting. Since it is not on the agenda today, he is requesting it be an agenda item for the March BPAC meeting.

Mr. Harris replied he discussed this with Mr. Mike Ziarnek, FDOT Bicycle and Pedestrian Coordinator, and they are preparing materials. Mr. Ziarnek was unable to be here today but the TPO should be able to accommodate that next month; he will be here then.

Chairperson Storke confirmed that there is not a correction to the minutes.

Mr. Eik replied no, it was just a comment.

MOTION: *A motion was made by Mr. Eik to approve the January 10, 2018 BPAC meeting minutes. The motion was seconded by Mr. Blais and carried unanimously.*

B. Review and Recommend Approval of the Resolution 2018-## Amending the FY 2017/18 to 2021/22 Transportation Improvement Program (TIP)

(Handout)

Ms. Nicoulin referred to handout of the revised TIP sheet and stated this TIP amendment is adding \$72,000 for the design phase of the traffic signal at the intersection of US 17/92 and Fort Florida Road.

MOTION: *A motion was made by Mr. Eik to recommend approval of Resolution 2018-## amending the FY 2017/18 to 2021/22 Transportation Improvement Program (TIP). The motion was seconded by Mr. Villanella and carried unanimously.*

C. Review and Recommend Approval of the Draft FY 2018/19 to 2019/20 Unified Planning Work Program (UPWP) for Submission to FDOT/FHWA

(Handout)

Mr. Harris stated the draft Unified Planning Work Program (UPWP) covers two years; FY 2018/19 and 2019/20. The draft UPWP was developed by TPO staff and the UPWP Subcommittee. He reviewed the tasks and activities that are to be updated and new tasks and activities added; new tasks are indicated in green. In addition to these tasks, there are tables budgeting the tasks as well as staff time to support them. The UPWP will be submitted to FDOT and the Federal Highway Administration (FHWA) for review and it will come back to the TPO for revisions based on their comments. It will be hopefully be ready for adoption in April.

Mr. Aufdenberg referred to Task 3.01, the Crash Analysis follow-up, and asked if that was a follow-up to the Crash Analysis Study done in the fall and if the follow-up study would be sent to a consultant. He asked if that was in the budget.

Mr. Harris replied yes; the previous report was done in-house by TPO staff. The General Planning Consultant, Benesch, Inc. is also the consultant that performs the Traffic Operations/ITS/Safety feasibility studies. Because there was more money available under feasibility studies, and Benesch does both, it will be done as a feasibility study and will start this fiscal year. They will pick up where the previous study left off and expand upon the analysis.

Mr. Mostert referred to the estimated salary, fringe benefits and estimated personnel and asked if that was for non-exempt personnel or a contracted employee. He is confused by salary and personnel being separate.

Mr. Aufdenberg replied it is the sum of the first two columns.

MOTION: *A motion was made by Mr. Blais to recommend approval of the draft FY 2018/19 to 2019/20 Unified Planning Work Program (UPWP) for submission to FDOT/FHWA. The motion was seconded by Mr. Coletti and carried unanimously.*

D. Review and Recommend Approval of Resolution 2018-## Authorizing the De-Obligation of Planning (PL) and Urban Attributable (SU) Funds for the Current Federal Fiscal Year

(Handout)

Mr. Harris stated this resolution concerns the current UPWP, which ends June 30, 2018. There are funds remaining in the UPWP that the TPO anticipates will not be used; those funds can be de-obligated. When the funds are de-obligated, they are made available in the next fiscal year. The TPO has estimated that approximately \$57,716 will be de-obligated and become available in the next fiscal year which starts July 1, 2018. The total amount has been broken down on the provided table by task number.

Mr. Eik asked if the de-obligation is an estimate for the current year and the previous year to carry over into the next fiscal year.

Mr. Harris replied yes; unused funds for the current fiscal year that will not be used.

Mr. Eik referred to the handout and the estimated expenses of \$1,455,530 for FY 2018/19 and asked if that includes the de-obligated funds. He asked where the money would come from if something occurs between now and the end of June that these funds are needed for.

Ms. Bollenback explained that the TPO does not de-obligate all the funds in excess; \$100,000 is closer to what will be left over. The TPO wants some of the money to be available on July 1, 2018 since it does not automatically transfer over. What money is not drawn down after close-out and balancing will go into Year 2 of the UPWP and be amended then.

MOTION: *A motion was made by Mr. Mostert to recommend approval of Resolution 2018-## authorizing the de-obligation of Planning (PL) and Urban Attributable (SU) funds for the current federal fiscal year. The motion was seconded by Mr. Blais and carried unanimously.*

E. Review and Recommend Approval of Resolution 2018-## Authorizing the Execution of a Supplemental Agreement to the Metropolitan Planning Organization (MPO) Agreement for the Use of Planning (PL) and Urban Attributable (SU) Funds and Amending the FY 2016/17 to 2017/18 Unified Planning Work Program (UPWP)

(Handout)

Mr. Harris stated the TPO is amending the UPWP to fund activities between now and the end of the fiscal year for several tasks. He reviewed the tasks added, which include the "Tell the TPO" survey, and the Resilient Flagler County Report for the Flagler County urbanized area. The TPO will be working with the Northeast Florida Planning Council on that project. The amounts being added to each task and in the funding tables are shown in green; the amounts that are being removed are stricken in red.

Ms. Bollenback explained this information does two things; adds two tasks, the Crash Analysis Report and the Flagler County Resiliency Report. The TPO is using existing funds to support those tasks. Regarding the other two tasks that are being affected, the "Tell the TPO" Survey and the Community Safety task, the TPO realized

the Community Safety task was underfunded. The TPO is taking \$5,000 from the “Tell the TPO” task and moving it to the Community Safety task.

MOTION: *A motion was made by Mr. Eik to recommend approval of Resolution 2018-## authorizing the execution of a supplemental agreement to the Metropolitan Planning Organization (MPO) agreement for the use of Planning (PL) and Urban Attributable (SU) funds and amending the FY 2016/17 to 2017/18 Unified Planning Work Program (UPWP). The motion was seconded by Mr. Blais and carried unanimously.*

IV. Presentation and Discussion Items

A. Presentation and Discussion of the St. Johns River to Sea Loop: Dale Avenue to 10th Street Trail

Mr. Harris stated this trail is in Edgewater and picks up where the East Central Regional Rail Trail ends at the intersection of Park Avenue and Dale Avenue. It goes north to 10th Street, which is in the city limits of both Edgewater and New Smyrna Beach. The project is the first SUN Trail funded project to be completed in the State of Florida.

Mr. Harris showed a video from Volusia County Vice Chair Deb Denys about the trail.

Mr. Mostert asked how long the trail is.

Mr. Harris replied this section of trail is just over one mile; the actual length of the trail is listed in the agenda.

Ms. Grenham stated the trail is about ten miles total, from start to finish.

Discussion continued.

C. Status Report on the Draft Bicycle and Pedestrian Master Plan

This item was done prior to the Item B, Volusia County Bicycling Map for the Experienced Cyclist presentation.

Mr. Harris stated the link to the draft Bicycle and Pedestrian Master Plan was emailed prior to the meeting. This is a February draft; it started with a January draft and the Bicycle/Pedestrian Plan Subcommittee met and provided feedback which was then incorporated into the February draft. The CAC, TCC and TPO Board will review the draft this month; next month the final draft will be provided for adoption by the committees and board. He reviewed the layout of the document and the sections. He asked the BPAC members to review the draft and provide comments. The link to the document is on the TPO website and previous draft materials have been removed.

B. Presentation and Discussion of the Volusia County Bicycling Map for the Experienced Cyclist and Bicycle Suitability Map Concept

Mr. Harris showed the draft map on the display screen and stated the first countywide bicycle map was completed in 2008. There have been several editions since then; the last printing was in 2014 when reapportionment occurred and the TPO planning area boundaries changed adding portions of Flagler County to the R2CTPO planning area. The map was already a finished product by then and does not reflect these changes; that was the single big drawback to the map. It left out a significant portion of the TPO's current planning area and has been something the TPO has been working on correcting. He reviewed improvements made to the map including the St. Johns River to Loop Trail and trail heads. Inserts were added for the Chuck Lennon Mountain Bike trails and for the Doris Leeper Spruce Creek Preserve. Some routes have been modified. There is a note indicating the Orange Avenue Veteran's Memorial Bridge is being replaced and will open in late 2019.

Mr. Aufdenberg asked if the .pdf of the map had been emailed to the BPAC members yet.

Mr. Harris replied no, there is not a .pdf yet but the TPO will make it available soon. He continued to review the changes to the map. In the current UPWP, there is a task for a Bicycle Suitability Map. The TPO would like to include stress levels, bicycle level-of-service and give the experienced bicyclist more information about roadway conditions. In discussing this, there are issues with proceeding with the Bicycle Suitability Map as a stand-alone project; these are intended for the experienced cyclist so there would be an overlap in content and effort. The TPO thinks it has found a way to take the rest of the planning area and incorporate it into the map and he explained how. The TPO will use one of its general planning consultants to make these modifications to the map going forward. In the end, the TPO will have a product that includes the entire planning area and it will be more useful to the experienced bicyclists. The map will be rebranded and called the River to Sea TPO Bicycle Suitability Map. The TPO has already had a discussion with the consultant and has a good idea of what to do. The challenge is that the quantity and quality of the GIS data is somewhat different in Flagler County than in Volusia County. The TPO hopes to have this completed by the end of June.

Chairperson Storke asked if the TPO had consulted with any bicycle groups that have preferred routes in Flagler County like was done initially in Volusia County.

Mr. Harris replied no; one issue is clutter. Only so much can be added before it becomes hard to read and it is close to that now. Once road information is added something may need to be removed such as the route designations. The TPO is open to suggestions.

Mr. Coletti commented he is glad Flagler County is being included. He rides approximately 9,000 miles a year, some of that in Flagler County, and he is willing to lend his advice as to which roads are bike safe and which ones are not.

Mr. Harris replied it is overdue that these changes be made; this map has not been updated since 2014.

Mr. McCallister asked if the BPAC members would have an opportunity to make suggestions as to what might be viable routes.

Mr. Harris replied yes.

Mr. McCallister commented that SR 44 is not shown as a viable route but it has a bike lane from DeLand to New Smyrna Beach. US 92 has a shoulder which is viable, but between the two, SR 44 is a much more pleasant ride. US 92 is shown but SR 44 is not. He asked if the two bike shops in DeLand are included.

Mr. Harris replied yes, they were part of the improvements.

Mr. McCallister asked when the BPAC members would have an opportunity to give their suggestions.

Mr. Harris replied very soon; next month, he will ask for volunteers for a Bicycle Map Subcommittee.

Mr. Coletti commented when Flagler County repaves a road, they add bike lanes to the county roads; they are becoming much more bike friendly than they used to be.

Chairperson Storke asked if this would be released or held until updated because it was mentioned the new map outline would be ready by June.

Mr. Harris replied the money is in the budget to print the map this year.

Mr. Aufdenberg commented he appreciated the St. Johns River to Sea Loop being included in the new map. It is wonderful to have the two SUN Trails going through Volusia County and it would be awesome to showcase them on the new map. He is someone who has wanted to make his own low-traffic map and in trying to get

data from the county, he does not think the county knows its own speed limits. For example, on Clyde Morris Boulevard the GIS data does not agree with the speed limit. There are some data quality issues in Volusia County and possibly Flagler County.

Mr. Harris replied the consultant is working on scrubbing that data and getting it suitable for the new map.

C. Status Report on Holly Hill Sidewalk Projects along Center Avenue, Flomich Street and 15th Street

Mr. Harris stated there are five sidewalk projects that Holly Hill has on the TPO's priority list. One, the Flomich Street Sidewalk Phase 1, is funded for design in the next fiscal year. Three of the projects are in Tier B of the priority list and are ready for funding; feasibility studies have been completed for these three and the one funded for design. The last project is awaiting a feasibility study in Tier C. The city of Holly Hill has been in discussion with Volusia County to assist them with developing these sidewalks and is close to a verbal agreement on how to move forward. This would entail Volusia County doing the design and construction work on these sidewalks and bundling them together into one large project. The TPO would have to look at the funding because only one project is funded, and only for design. If they were to bundle them together, there would be a much larger design amount and the TPO would have to assign it to a particular fiscal year. There are contractual obligations that would have to be met; it would require an interlocal agreement between Holly Hill and Volusia County. It would also require the Volusia County Council to approve a new Local Agency Program (LAP) agreement. The TPO Board would have to approve such an arrangement because it would reprioritize the sidewalks on the priority list. This looks like a very promising strategy to move these projects forward; they have been on the priority list for several years. The TPO has been unable to get them programmed because Holly Hill is not LAP certified but Volusia County is. This project is still developing and he will periodically bring back updates.

Mr. Aufdenberg commented that more students walk to school in Holly Hill than in the entire county.

Mr. Harris replied all these sidewalks are near schools and will help students and residents. They are sorely needed and are good projects.

V. Staff Comments

(Handout)

Ms. Blankenship referred to the handout and announced the "Not So Noisy" events next week; she reviewed the events and passed around a volunteer sign-up sheet.

Ms. Blankenship stated the TPO has been in communication with a company called "V-Bike" which is a dockless bike sharing program. Once it is up and running, it will be another transportation option for residents in Daytona Beach and Ormond Beach.

Mr. Aufdenberg stated there are supposed to be demo bikes at Embry Riddle Aeronautical University and Daytona State University.

Ms. Blankenship announced the TPO's Annual Planning Retreat will be held on March 23, 2018 at the Brannon Center in New Smyrna Beach. The topic will be Transportation and Technology. More information will be provided at a later date.

Chairperson Storke encouraged members to stop by the "Not So Noisy" Bike Week events.

Mr. Aufdenberg announced the film, "Why We Cycle" is not just the Florida premiere but is the North American premiere of the movie. Daytona Beach is the third place in the world being shown in the film. The film is about the Dutch and their cycling culture. The movie is free to attend.

VI. Information Items

- BPAC Attendance Record
- Bicycle and Pedestrian Plan Subcommittee Meeting Summary
- Flow of Highway Funding Information Sheet
- Save the Date for the 2018 R2CTPO Annual Planning Retreat – March 23, 2018
- TPO Board Meeting Summary
- TPO Outreach & Activities (January 2018)

VII. BPAC Member Comments

Mr. Mostert commented on how important the sidewalk projects in Holly Hill are and how needed they are. He warned members to be careful riding on the beach as the soft sand can be dangerous.

Mr. Blais commented the Holly Hill sidewalks should have been built before the schools were built.

Mr. Aufdenberg announced as part of “Not So Noisy” Bike Week, he and Mr. Wendler will be helping with the Bike Light Intervention Program on Thursday, February 22, 2018 at 6:30 pm at Aerospace Boulevard and Clyde Morris Boulevard. They have found in the past that approximately 8 out of 10 students do not have bike lights so they will be equipping them with bike lights. The lights are USB powered and do not require batteries.

Mr. McCallister commented on the money being put into the sidewalk projects and the lack of respect people have for sidewalks by parking on them, putting trash cans on them, etc. He saw a kid get hit by a car because of that and he asked if there was a role the TPO could play in raising awareness among law enforcement and others to keep the sidewalks clear.

III. Adjournment

The BPAC meeting adjourned at 4:15 p.m.

River to Sea Transportation Planning Organization

**Mr. Robert Storke, Chairman
Bicycle/Pedestrian Advisory Committee (BPAC)**

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 the minutes of the February 14, 2018 regular meeting of the Bicycle/Pedestrian Advisory Committee (BPAC), approved and duly signed this 14th day of March 2018.

**Debbie Stewart, Recording Secretary
River to Sea Transportation Planning Organization**

**SUMMARY SHEET
BPAC
MARCH 14, 2018**

III. ACTION ITEMS

**B. REVIEW AND RECOMMEND APPROVAL OF RESOLUTION 2018-## ADOPTING
THE DRAFT BICYCLE AND PEDESTRIAN PLAN REPORT**

BACKGROUND INFORMATION:

The Bicycle and Pedestrian Plan is intended to serve as a resource for non-motorized travel on roadways, multi-use trails, sidewalks, and bicycle lanes in Volusia and Flagler Counties. Resolution 2018-## adopting the final draft Bicycle and Pedestrian Plan Report is provided with this agenda packet for your review. A link for viewing and downloading the document is provided below:

<https://www.r2ctpo.org/planning-studies/bicycle-pedestrian/draft-bicycle-pedestrian-plan/>

ACTION REQUESTED:

***MOTION TO RECOMMEND APPROVAL OF RESOLUTION 2018-## ADOPTING THE DRAFT
BICYCLE AND PEDESTRIAN PLAN REPORT***

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

RESOLUTION 2018-##

RESOLUTION OF THE RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION ADOPTING THE BICYCLE AND PEDESTRIAN PLAN

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

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

WHEREAS, the River to Sea Transportation Planning Organization has developed a Bicycle and Pedestrian Plan that has been provided for review by the general public, the River to Sea TPO's Advisory Committees and the River to Sea TPO Board.

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

1. River to Sea TPO Board and advisory committees have reviewed and endorsed the Bicycle and Pedestrian Plan Report;
2. River to Sea Transportation Planning Organization's Bicycle and Pedestrian Plan Report is hereby endorsed and adopted; and the
3. Chairman of the River to Sea TPO (or his designee) is hereby authorized and directed to submit the Bicycle and Pedestrian Plan Report to the:
 - a. Florida Department of Transportation; and
 - b. Federal Transit Administration (FTA) (through the Florida Department of Transportation);
 - c. Federal Highway Administration (FHWA) (through the Florida Department of Transportation);
 - d. East Central Florida Regional Planning Council; and the
 - e. Central Florida MPO Alliance

DONE AND RESOLVED at the regularly convened meeting of the River to Sea TPO held on the **28th** day of **March 2018**.

RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

VOLUSIA COUNTY COUNCIL VICE CHAIR DEB DENYS
CHAIRPERSON, RIVER TO SEA TPO

CERTIFICATE:

The undersigned duly qualified and acting Recording Secretary of the River to Sea TPO certified that the foregoing is a true and correct copy of a resolution, adopted at a legally convened meeting of the River to Sea TPO held on **March 28, 2018**.

ATTEST:

DEBBIE STEWART, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

**SUMMARY SHEET
BPAC
MARCH 14, 2018**

III. ACTION ITEMS

**C. APPOINTMENT OF 2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
SUBCOMMITTEE MEMBERS**

BACKGROUND INFORMATION:

The Transportation Improvement Program (TIP) Subcommittee is responsible for evaluating priority project applications and reviewing the Call for Projects process and selection criteria used to develop the TPO's Lists of Prioritized Projects (LOPP). Each advisory committee (BPAC, CAC and TCC) appoints approximately three members to serve on the TIP Subcommittee, which will meet several times prior to the adoption of the next TIP in June 2018. Current TIP Subcommittee members are:

TIP Subcommittee Members – 2017/18

	Name	Advisory Committee	Representing	Appointed (date)	
1	Bob Storke	BPAC/CAC	Orange City	Feb 8, 2017	
2	Scott Leisen	BPAC	Deltona	Feb 8, 2017	
3	Elizabeth Lendian	CAC	Volusia County	Feb 21, 2017	
4	Nora Jane Gillespie	CAC	New Smyrna Beach	Feb 21, 2017	
5	Gilles Blais	CAC (BPAC)	Holly Hill	Feb 21, 2017	
6	Ron Paradise	TCC	Deltona	Feb 21, 2017	
7	Jon Cheney	TCC	Volusia County	Feb 21, 2017	
8	Paul Eik	BPAC	Flagler Beach	Feb 8, 2017	
9	Bobby Ball	CAC	Port Orange	Feb 21, 2017	
10	Jose Papa	TCC	Palm Coast	Feb 21, 2017	
11	Laura Dodd	TCC	DeBary	Feb 21, 2017	
12	Alan Peterson	CAC	Palm Coast	Feb 21, 2017	

ACTION REQUESTED:

***MOTION TO APPOINT 2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
SUBCOMMITTEE MEMBERS***

**SUMMARY SHEET
BPAC
MARCH 14, 2018**

III. ACTION ITEMS

D. APPOINTMENT OF 2018 BPAC PROJECT REVIEW SUBCOMMITTEE MEMBERS

BACKGROUND INFORMATION:

The BPAC Project Review Subcommittee is responsible for assisting staff in developing the yearly update to the TPO's Priority Lists of Bicycle/Pedestrian Projects. At least four members are preferred for the BPAC Project Review Subcommittee. Current BPAC Project Review Subcommittee members are:

	Name	Representing	Appointment Date
1	Jason Aufdenberg	Volusia County, At-Large	Feb 8, 2017
2	Alice Haldeman	Volusia County, District 3	Feb 8, 2017
3	Nic Mostert	New Smyrna Beach	Feb 8, 2017
4	Roy Walters	Volusia County, At-Large	Feb 8, 2017

ACTION REQUESTED:

MOTION TO APPOINT 2018 BPAC PROJECT REVIEW SUBCOMMITTEE MEMBERS

**SUMMARY SHEET
BPAC
MARCH 14, 2018**

III. ACTION ITEMS

E. APPOINTMENT OF BICYCLE SUITABILITY MAP SUBCOMMITTEE MEMBERS

BACKGROUND INFORMATION:

The BPAC Bicycle Suitability Map Subcommittee will be responsible for assisting staff and the general planning consultant with converting the Volusia County Bicycle Map for the Experienced Cyclist to a Bicycle Suitability Map. Subcommittee members will provide input on incorporating “bicycle suitability” elements into the map and review the draft map. Three members are requested for the subcommittee.

ACTION REQUESTED:

MOTION TO APPOINT BICYCLE SUITABILITY MAP SUBCOMMITTEE MEMBERS

**SUMMARY SHEET
BPAC
MARCH 14, 2018**

IV. PRESENTATIONS AND DISCUSSION ITEMS

A. PRESENTATION AND DISCUSSION OF “TELL THE TPO” SURVEY CAMPAIGN

BACKGROUND INFORMATION:

The TPO is currently developing the 2018 “Tell the TPO” Survey Campaign to better understand the priorities and preferences of its constituents as related to transportation planning and implementation for our planning area. This survey helps provide insights for the TPO as it makes decisions on transportation priorities. It is intended to be conducted every two years and is a follow-up to the initial 2014 survey which formed a baseline of public opinion on transportation in the area, and the 2016 survey. H.W. Lochner, one of the TPO’s general planning consultants, has been retained to facilitate the survey development, dissemination, and analysis. They will be providing an overview of the survey instrument, schedule and scope.

Specific goals of the survey include the following:

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

ACTION REQUESTED:

NO ACTION IS REQUIRED UNLESS OTHERWISE DIRECTED BY THE BPAC



TELL THE TPO

Community Transportation Survey

TPO BOARD/COMMITTEE BRIEFINGS

MARCH 2018

“Tell the TPO” Survey Goals

1. Obtain information about public opinion on hot button transportation issues and desires related to mobility options.
2. Engage the public in thinking about transportation planning issues.
3. Build partnerships with other agencies, civic organizations, and the business community.
4. Build the TPO’s database of interested residents, businesses and visitors.
5. Increase awareness and branding regarding the TPO.
6. Compare results from 2018 survey with baseline results from prior years’ surveys.

Approach

- Target everyone who *lives*, *works*, or *visits* the TPO region
- Maximize public response
 - Concise survey – the longer the survey the less the response
 - Available online – www.tellthetpo.com
 - Mobile device friendly
 - Hard copies available at select locations and by request
- Fun and Excitement
 - Prize drawing for respondents
 - Board/Committee challenges

>> **TARGET GOAL : 2,000 Responses** <<

Marketing Plan

PARTNERSHIPS

Team with **businesses**
to reach their
employees

Team with
organizations to reach
their members

Team with **agencies** to
reach their
constituencies

CHAMPIONS

TPO Board and
Committees being
challenged to
disseminate the survey
to their stakeholders.

EXPOSURE

Traditional & social
media outreach

Attendance at events

Flyers and hard copies
in high traffic locations

And there's a *prize* opportunity too!!



Ambassador Challenge

- Each Board member is an ambassador.
- Each Committee (as a whole) is an ambassador.
- Each given a **unique survey link** to measure success.
- We invite you to each send your link to your stakeholders and contact lists.
- Include your link in E-newsletters, social media posts, etc.
- Prizes!
 - Trophy awarded to most successful Board Ambassador
 - Trophy awarded to most successful Committee



Prior Survey Quick Facts

- 2014 Survey – 1,263 total responses
- 2016 Survey – 1,276 total responses
- Outreach included partnerships and coordination with the government, business and civic communities:
 - Every Board Member was an Ambassador.
 - Partnered with various Chambers and VCARD to reach the business community.
 - Articles featured in 14 different media outlets.
 - 17 partner organizations posted links on their websites.
 - 40+ organizations/Ambassadors/supporters posted links and encouragement to their social media networks, including Facebook, Twitter, and LinkedIn.

Tell the TPO!

Have a great idea on how we can improve transportation?

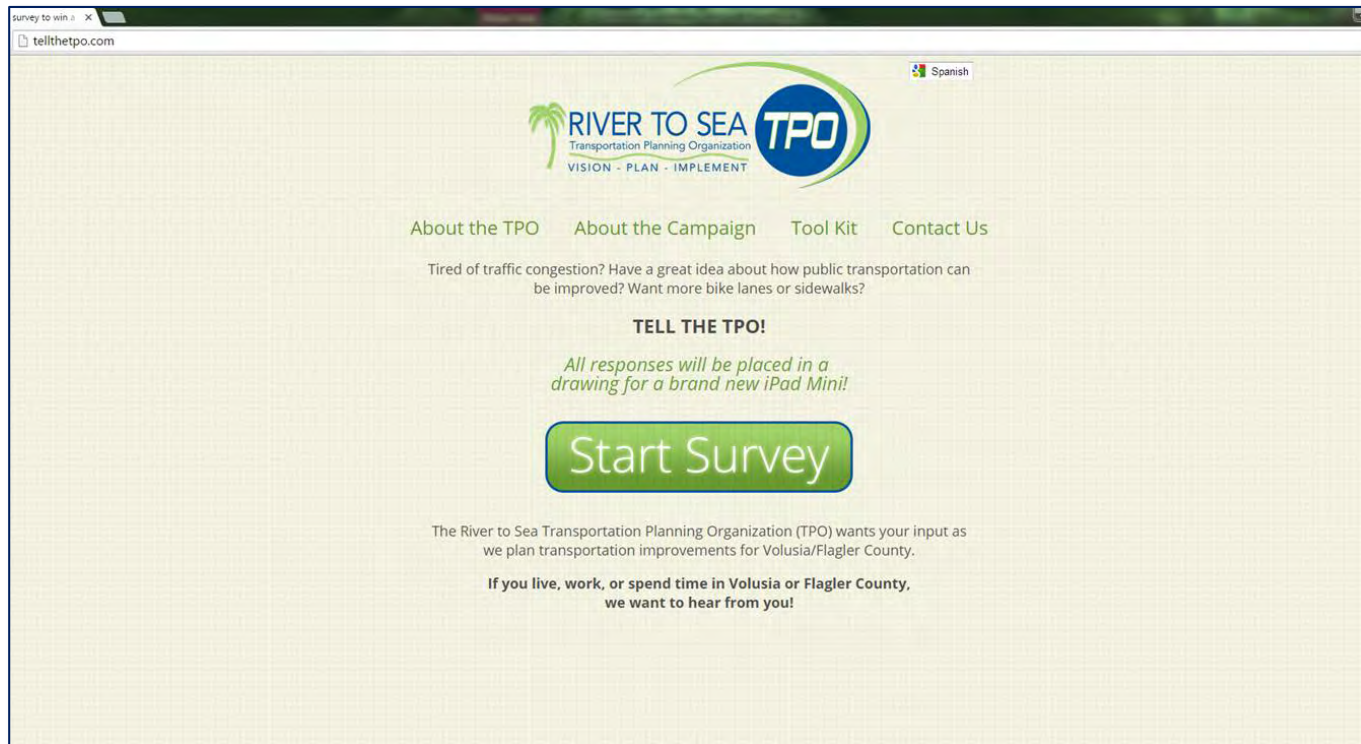
We want to understand how transportation can be better for Volusia and Flagler County. If you live, work, or spend time in Volusia or Flagler County, we want to hear from you!

www.TelltheTPO.com

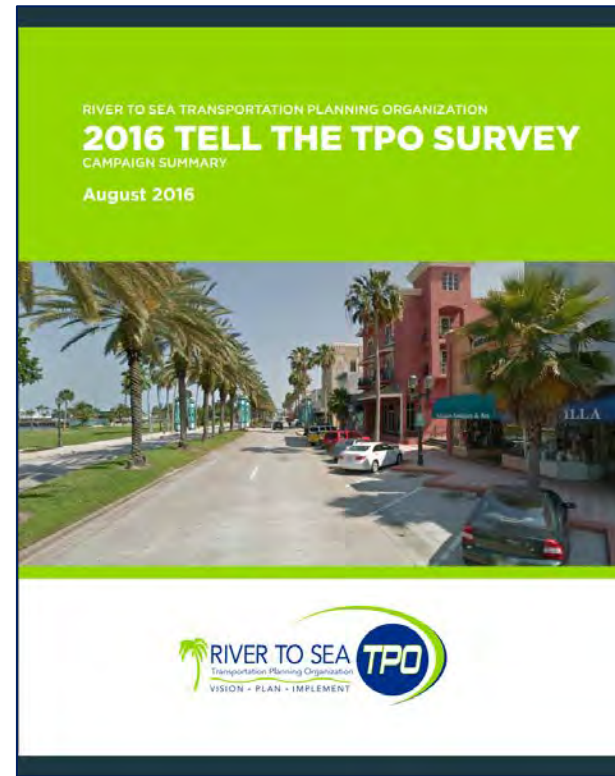
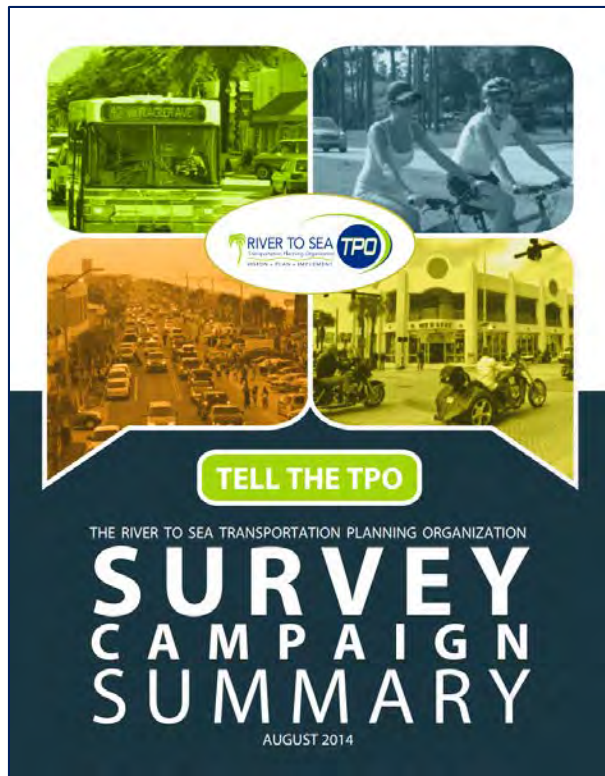
Respond to Win \$250!
All responses received by July 23, 2014 will be placed in a drawing for a chance to win \$250!

Learn more at www.TelltheTPO.com

Survey Website



Prior Survey Summaries



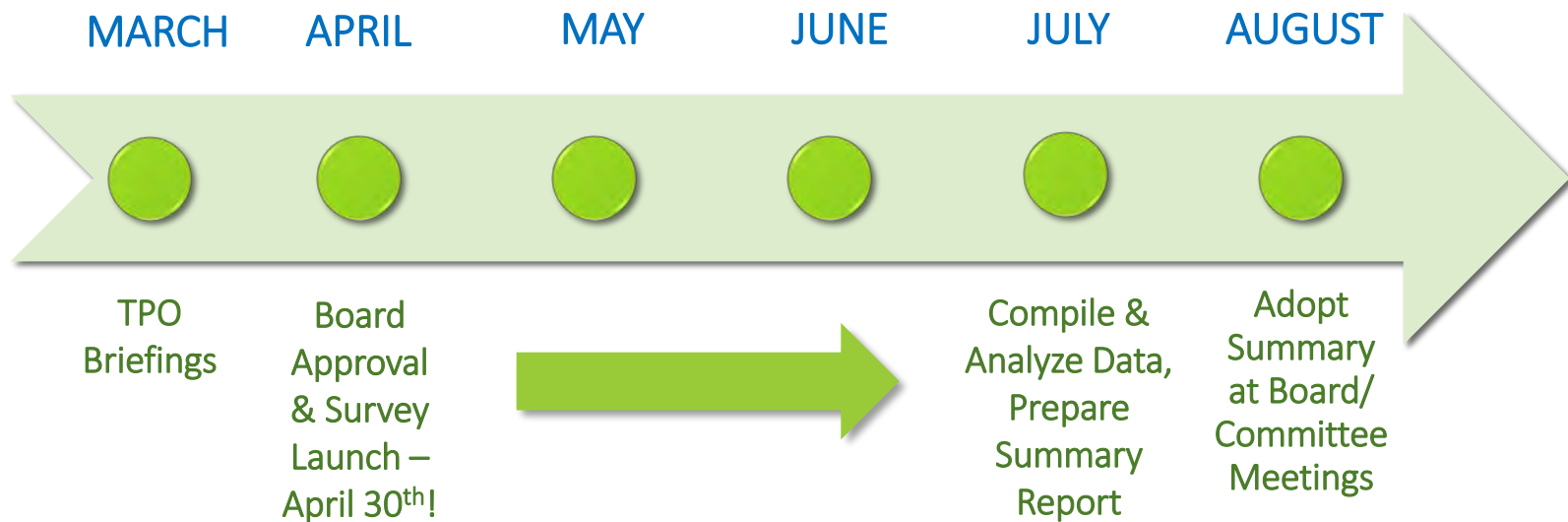
<https://www.r2ctpo.org/public-involvement/tell-tpo-survey/>



2018 Survey Updates

- Committee suggestions?
- Proposed changes to the previous survey
 - Adding questions to address:
 - *Sea level rise* impacts
 - *Tourism*
 - *Spending on traffic calming* measures & *technology*
 - *Performance* of the existing transportation system (top frustrations, best aspects, etc.)
 - How to *prioritize spending*
 - Adding a question to track *prior participation* on the Tell the TPO survey
 - Other minor wording/text changes for clarification.

Schedule and Next Steps



Any Questions?



www.tellthetpo.com

TPO Project Manager: Pamela Blankenship

pblankenship@r2ctpo.org

Consultant Project Manager: Lara Bouck

lbouck@hwlochner.com



**SUMMARY SHEET
BPAC
MARCH 14, 2018**

IV. PRESENTATIONS AND DISCUSSION ITEMS

B. PRESENTATION AND DISCUSSION OF THE BIKE FLORIDA SAND AND STARS TOUR

BACKGROUND INFORMATION:

The Sand and Stars Tour is Bike Florida's 2018 Spring Tour. The bicycle tour will have two locations. The first location will be at the Southeast Volusia Family YMCA in Edgewater from March 17th – 20th. The second location will be at Sand Point Park in Titusville from March 20th – 23rd. All routes include rest stops every 15 miles (when possible), clear signage, SAG support and law enforcement support. All riders will receive detailed maps and cue sheets with their registration. Additional information can be found at: www.bikeflorida.org.

ACTION REQUESTED:

NO ACTION IS REQUIRED UNLESS OTHERWISE DIRECTED BY THE BPAC

**SUMMARY SHEET
BPAC
MARCH 14, 2018**

IV. PRESENTATIONS AND DISCUSSION ITEMS

C. PRESENTATION AND DISCUSSION OF RECTANGULAR RAPID FLASHING BEACON (RRFB) ALTERNATIVES

BACKGROUND INFORMATION:

Rectangular Rapid Flashing Beacons (RRFBs) are user-actuated amber LEDs that supplement warning signs at unsignalized intersections or mid-block crosswalks. They can be activated by pedestrians manually by a push button or passively by a pedestrian detection system. RRFBs use an irregular flash pattern that is similar to emergency flashers on police vehicles. RRFBs can enhance safety by reducing crashes between vehicles and pedestrians at unsignalized intersections and mid-block crossings by increasing driver awareness of potential pedestrian conflicts. The FHWA terminated Interim Approval 11 for RRFBs on December 21, 2017. TPO staff will lead a discussion of alternatives to RRFBs.

ACTION REQUESTED:

NO ACTION IS REQUIRED UNLESS OTHERWISE DIRECTED BY THE BPAC

**SUMMARY SHEET
BPAC
MARCH 14, 2018**

V. STAFF COMMENTS

VI. INFORMATION ITEMS

- BPAC Attendance Record
- 2018 R2CTPO Annual Planning Retreat
- TPO Board Meeting Report
- TPO Outreach & Activities (February 2018)
- Who's Who in Transportation

VII. BPAC MEMBER COMMENTS

VIII. ADJOURNMENT

BPAC Attendance Record 2017

Name	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Notes
Holly Ryan/Doug Hall	x	exc										Daytona Beach (appt. 3/12) (alt. appt. 02/14)
Jeff Hodge	abs	abs										DeBary (appt. 3/15)
Ted Wendler	exc	x										DeLand (appt. 05/11) (appt. 6/14)
Scott Leisen	x	abs										Deltona (appt. 12/12)
Michelle Grenham	exc	x										Edgewater (appt. 01/17)
Paul Eik (17/18 Vice Chairman)	x	x										Flagler Beach (appt. 7/14)
Larry Coletti/Andrew Dodzik	x	x										Flagler County (appt 2/16)
Gilles Blais	x	x										Holly Hill (appt 3/17)
Nic Mostert	x	x										New Smyrna Beach (appt. 03/15)
Bob Storke (17/18 Chairman)	x	x										Orange City (appt. 12/07)
Gayle Belin	x	exc										Ormond Beach (appt. 01/15 - 07/16)
Danielle Anderson	x	abs										Palm Coast (Appt. 02/16)
Joe Villanella	x	x										Ponce Inlet (Appt. 4/17)
Christy Gillis	exc	exc										South Daytona (appt. 01/16)
Patrick McCallister	abs	x										Volusia County District 1 (appt. 10/16)(Patterson)
Roy Walters/Jason Aufdenberg	x	x										Volusia County At-Large (appt. 03/05) (alt. appt 07/12)
Nancy Burgess-Hall	x	exc										Volusia County (app 2/14) D-2 (Wheeler)(alt. appt 09/15)
Alice Haldeman	x	x										Volusia County (appt. 04/13) D-3 (Denys)
<u>NON-VOTING MEMBERS</u>												
Wendy Hickey	exc	exc										Flagler County (appt. 12/15)
Heidi Petito/Bob Owens	abs	abs										Flagler County Transit (appt 9/14)
Gwen Perney	x	x										Large City - Port Orange (appt. 10/13)
John Cotton/Edie Biro	x	exc										Votran (appt. 07/13)(alt. appt. 02/16)
Melissa Winsett/Terri Bergeron	x	x										Volusia County (02/14) (alt. Appt. 09/16)
Rob Brinson/Eric Kozielski	abs	abs										Volusia County School Board (appt. 01/16)
Mike Ziarnik	x	exc										FDOT (appt 8/17)
QUORUM	Y	Y										

Vacancies
Beverly Beach
Bunnell
Daytona Beach Shores
Flagler County School Board
Flagler County Traffic Engineering
Lake Helen
Oak Hill
Pierson
Port Orange
Volusia County D-2
Volusia County Chair



2018 ANNUAL RETREAT

In Partnership with Volusia County Association for Responsible Development and its Flagler County Chapter



THE FUTURE OF TRANSPORTATION TECHNOLOGY

AND WHAT ARE THE COSTS AND BENEFITS

Friday, March 23rd

9:00 a.m. – 12:00 p.m.

8:30 a.m. Registration & Breakfast

Brannon Civic Center

105 S. Riverside Drive

New Smyrna Beach, FL



Free to attend | Register by March 20th | www.tpotechnology.eventbrite.com



**River to Sea TPO Board
Meeting Summary
February 28, 2018**

- Received public comment regarding the public meeting on the I-95/LPGA interchange, the Community Development District's (CDD) concerns regarding the cost of landscaping maintenance at the interchange and concerns about the road improvements being completed in time to support the new construction
- Approved consent agenda including approval of the January 24, 2018 TPO Board meeting minutes and approval of the Selection Committee's recommendation of consultants for Traffic Operations/ITS/Safety Feasibility Studies
- Approved Resolution 2018-04 amending the FY 2017/18 to 2021/22 Transportation Improvement Program (TIP)
- Approved the draft tasks and funding tables to support development of the FY 2018/19 and 2019/20 Unified Planning Work Program (UPWP) for submission to FDOT/FHWA
- Approved Resolution 2018-05 authorizing the execution of a supplemental agreement to the Metropolitan Planning Organization (MPO) Agreement for the use of Planning (PI) and Urban Attributable (SU) funds and amending the FY 2016/17 and 2017/18 Unified Planning Work Program (UPWP)
- Approved Resolution 2018-06 authorizing the de-obligation of \$57,716 in Planning (PL) funds for the current federal fiscal year
- Received a presentation on the draft amendment of the lease with Root Riverfront Properties, LLC for office space
- Received status update on the draft Bicycle and Pedestrian Master Plan Report
- Received a status update on the Volusia County Bus Stop Improvement Plan Report
- Received member comment expressing concern regarding the use of planning level estimates in the Volusia County Bus Stop Improvement Plan
- Received the FDOT report
- Received the Executive Director's report including updates on FY 2017/18 SU funding; the Flagler County Fixed Route Transit Operations Plan; the Roundtable of Volusia County Elected Officials consideration of an infrastructure sales tax; a legislative update; announcement of TPO Annual

Retreat on March 23, 2018 at the Brannon Center; the CFMPOA Regional Long Range Transportation Plan (LRTP); and SunRail Phase II South

- Discussed the “Who’s Who in Transportation” information sheet (handout)
- Received update on the staffing changes at FDOT
- Discussed the consideration of an infrastructure sales tax being considered by local governments in Volusia County
- Received member comment on improvements needed for the I-95/US 1 interchange and Hand Avenue as an east-west corridor in Ormond Beach including an extension over I-95
- Received member comment requesting information on the improvements being proposed at I-4 and Saxon Boulevard

Items Requiring Follow Up:

- TPO staff to review the cost estimates provided in the Volusia County Bus Stop Improvement Plan
- TPO staff to provide information regarding the proposed improvements at I-4 and Saxon Boulevard

The next River to Sea TPO Board meeting will be on Wednesday, March 28, 2018

TPO Outreach & Activities Completed in February 2018

1 TPO Business Community Presentations

February 5: Deltona City Commission

February 6: DeLand Rotary Club

February 22: Flagler County Chamber

Description: TPO staff gave presentations on the role of the TPO and an overview of transportation projects underway, planned and constructed.

2 Transportation Disadvantaged (TD)

Legislative Awareness Day

Date: Wednesday, February 14, 2018

Location: Tallahassee

Description: TPO staff, along with Votran and three TDLCB members attended TD Day to speak with Legislators regarding TD issues and concerns.



3 Not So Noisy Bike Week Outreach Events

February 19: Daytona State College

February 20: Embry-Riddle University

February 21: Bethune-Cookman University

February 24: Community Festival, BCU

Description: TPO staff manned a display table at the first three college events followed by fitting and donating bicycle helmets at the Community Festival.



ONGOING PROJECTS & STUDIES:

- Development of FY 2018/19 and 2019/20 Unified Planning Work Program (UPWP)
- Bicycle and Pedestrian Master Plan
- 2018 Tell the TPO Survey
- Annual Call for Projects Process
- Votran Bus Stop Improvement Plan
- Flagler County Fixed Route Transit Operations Plan
- I-95 to SR 417 Connector Environmental Study
- Development of Bicycle Suitability Map
- FY 2016/17 Annual Report
- TSM&O (ITS) Masterplan Phase II
- Central Florida Visitors Study PAG
- Regional Truck Parking Study PAG
- Central Florida Regional Transit Study PAG
- Resilient Flagler County Study
- SR 442 Sidewalk Feasibility Study
- Ponce Inlet Mobility Feasibility Study

MARCH EVENTS:

March 12: Roundtable of Volusia County Elected Officials Meeting, Daytona Beach International Airport

March 19: Bike Florida Helmet Fitting, Edgewater

March 23: Annual TPO Planning Retreat held in partnership with VCARD, Brannon Center, New Smyrna Beach

March 29: Central Florida Commuter Rail Commission Meeting, MetroPlan Orlando

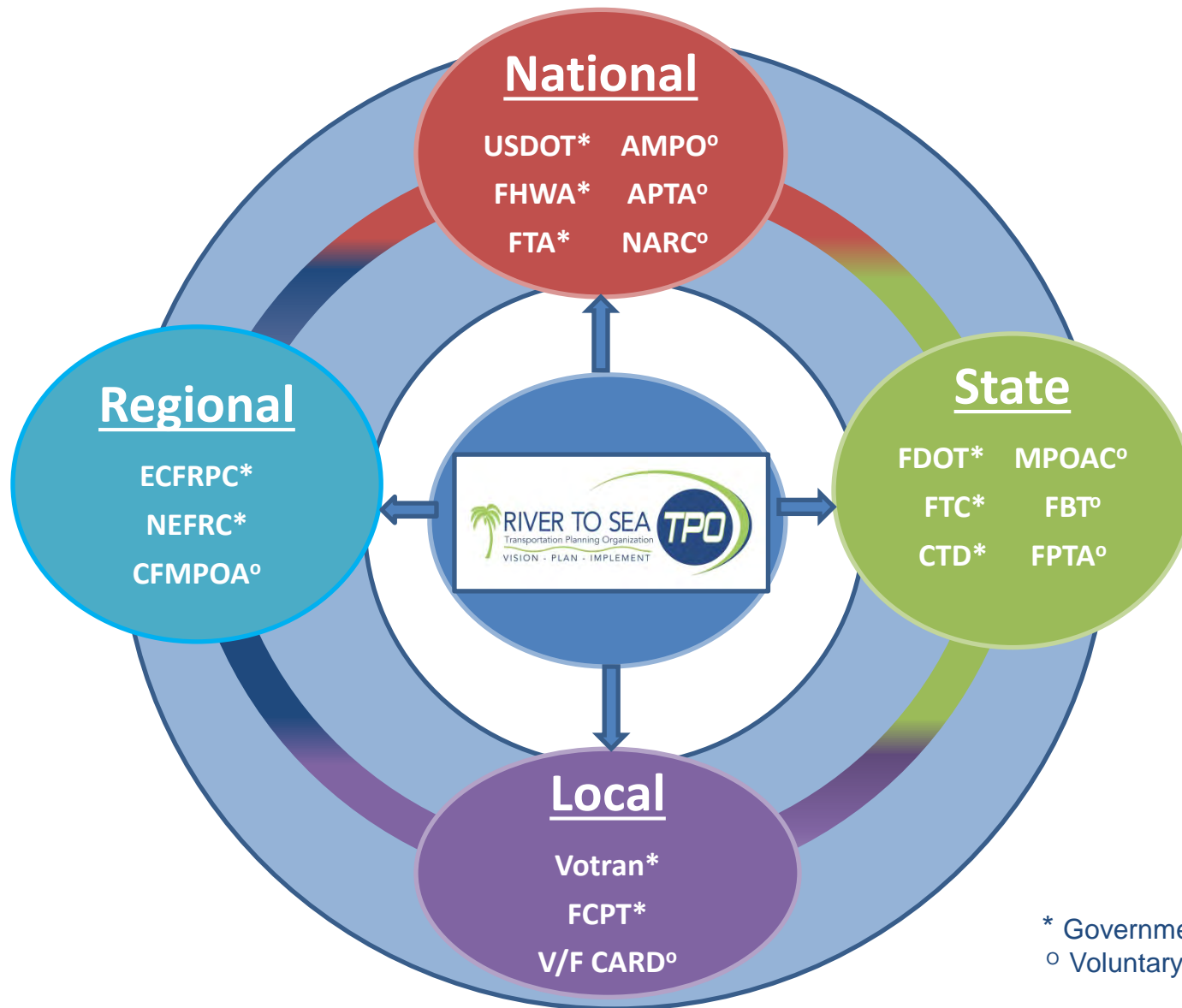
March 30: Good Friday Holiday, R2CTPO Office Closed

OTHER UPCOMING EVENTS:

April 13: Central Florida MPO Alliance, MetroPlan Orlando

May 5: Oak Hill Riverfest Helmet Fitting, Oak Hill

Who's Who in Transportation?



The River to Sea TPO partners and communicates with many organizations. Some of these are required by law, some are voluntary; all are intended to enhance the transportation system.

USDOT	United States Department of Transportation mission is to "serve the United States by ensuring a fast, safe, efficient, accessible, and convenient transportation system that meets our vital national interests and enhances the quality of life of the American people, today and into the future"
FHWA	Federal Highway Administration provides stewardship over construction, maintenance and preservation of Nation's highways, bridges and tunnels. Conducts research, provides technical assistance to state and local agencies to improve safety, mobility, livability, and encourage innovation
FTA	Federal Transit Administration provides financial and technical assistance to local public transit systems, including buses, subways, light rail, commuter rail, trolleys and ferries; oversees safety measures, helps develop next-generation technology research
AMPO	Association for MPOs transportation advocate for metropolitan regions committed to enhancing MPOs' abilities to improve metropolitan transportation systems
APTA	American Public Transportation Association serves and leads membership through advocacy, innovation and information sharing; works to ensure public transportation is available and accessible for all Americans.
NARC	National Association of Regional Councils advocate for regional organizations and solutions that positively impact American communities through effective inter-jurisdictional cooperation
FDOT	Florida Department of Transportation primary statutory responsibility is to coordinate planning and development of safe, viable, and balanced state transportation system serving all regions of the state, and assure the compatibility of all components, including multimodal facilities
FTC	Florida Transportation Commission provide leadership in meeting Florida's transportation needs through policy guidance on issues of statewide importance and by maintaining oversight and public accountability for the Department of Transportation and other statutorily specified transportation authorities
CTD	Florida Commission for the Transportation Disadvantaged ensures the availability of efficient, cost-effective, and quality transportation services for transportation disadvantaged persons.
MPOAC	MPO Advisory Council statewide transportation planning and policy organization created by Florida Legislature to augment role of MPOs in the cooperative transportation planning process; assists MPOs in carrying out urbanized area transportation planning process by serving as principal forum for collective policy discussion
FBT	Floridians for Better Transportation statewide business and transportation association dedicated to making transportation safer and more efficient in Florida
FPTA	Florida Public Transit Association nonprofit association whose members include every major public transit agency in Florida as well as interested citizens and businesses
Votran	Votran Volusia County's public transit system, includes fixed route and paratransit service
FCPT	Flagler County Public Transportation Flagler County's public pre-scheduled, demand-response transportation system
V/F CARD	Volusia County/Flagler County Association for Responsible Development not-for-profit organization dedicated to affecting positive outcomes for the development in the community
ECFRPC	East Central Florida Regional Planning Council area-wide association of local governments serving seven counties of Brevard, Lake, Marion, Orange, Osceola, Seminole, Sumter and Volusia; provides a forum where members (and leaders can discuss complex regional issues and set regional goals and objectives
NEFRC	Northeast Florida Regional Council area-wide association of local governments serving seven counties of Baker, Clay, Duval, Flagler, Putnam, Nassau and St. Johns; promote area-wide coordination and related cooperative activities of federal, state, and local governments ensuring a broad-based regional organization that can provide a truly regional perspective and enhance the ability and opportunity of local governments to resolve issues and problems transcending their individual boundaries
CFMPOA	Central Florida MPO Alliance coalition of transportation and government organizations committed to addressing transportation challenges in the larger Central Florida area