



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, February 14, 2024

TIME: 2:00 p.m. (EST)

PLACE: Daytona Beach International Airport
700 Catalina Drive (Airline Conference Room)
Daytona Beach, Florida 32114

NOTE:
Microsoft Teams has been
established for remote
participation.

BPAC

Join the BPAC meeting on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

+1 561-484-5911 836715133# United States, West Palm Beach

Phone Conference ID: 836 715 133#

[Find a local number](#) | [Reset PIN](#)

Mr. Ted Wendler, 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 APPROVAL OF THE JANUARY 10, 2024 BPAC MEETING MINUTES

(Contact: Donna King) (Enclosure, pages 3-6)

III. ACTION ITEMS *(continued)*

B. REVIEW AND RECOMMEND APPROVAL OF THE DRAFT FY 2024/25 AND FY 2025/26 UNIFIED PLANNING WORK PROGRAM (UPWP) BICYCLE/PEDESTRIAN TASKS FOR FDOT/FHWA REVIEW *(Contact: Stephan Harris) (Enclosure, pages 7-10)*

C. APPOINTMENT/REAPPOINTMENT OF 2024 BPAC PROJECT REVIEW SUBCOMMITTEE MEMBERS *(Contact: Stephan Harris) (Enclosure, page 11)*

D. APPOINTMENT/REAPPOINTMENT OF 2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) SUBCOMMITTEE MEMBERS *(Contact: Stephan Harris) (Enclosure, page 12)*

IV. PRESENTATIONS AND DISCUSSION ITEMS

A. PRESENTATION AND DISCUSSION OF PEDESTRIANS, BICYCLISTS, AND ROUNDABOUTS *(Contact: Stephan Harris) (Enclosure, pages 13-15)*

V. STAFF COMMENTS *(Enclosure, page 16)*

VI. INFORMATION ITEMS *(Enclosure, pages 16-24)*

- BPAC Attendance Record
- TPO Board Report
- TPO Outreach & Activities
- TPO Upcoming Events
- 2024 Priority Project Process Schedule
- FDOT Safety Workshop Invitation

VII. BPAC MEMBER COMMENTS *(Enclosure, page 16)*

VIII. ADJOURNMENT *(Enclosure, page 16)*

*****The next meeting of the BPAC will be on Wednesday, March 13, 2024*****

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 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.

**SUMMARY SHEET
BPAC
FEBRUARY 14, 2024**

III. ACTION ITEMS

A. REVIEW AND APPROVAL OF THE JANUARY 10, 2024 BPAC MEETING MINUTES

BACKGROUND INFORMATION:

Minutes are prepared for each meeting and must be approved by the BPAC. The January 10, 2024 BPAC meeting minutes were revised to incorporate additional member comments as requested and are provided with this agenda packet for your review.

ACTION REQUESTED:

MOTION TO APPROVE THE JANUARY 10, 2024 BPAC MEETING MINUTES

**Bicycle/Pedestrian Advisory Committee (BPAC) Meeting Minutes
January 10, 2024
Daytona Beach International Airport, Airline Room
700 Catalina Drive
Daytona Beach, FL 32114**

Members/Technical Appointees Physically Present:

Doug Hall
Terry Lodge, Vice Chairperson
Ted Wendler, Chairperson
Nic Mostert
Bob Storke
Tom Bahleda
Katheryn Meagher
Jason Aufdenberg
Elizabeth Bonds
Maggie Ardito
Emery Jeffreys
Eileen Sharp
David German (non-voting)
Jacob Lunceford (non-voting)
Adam Mengel (non-voting)
Amy Stroger (non-voting)

Members/Technical Appointees Virtually Present:

Luis Leal
Larry Coletti
Nancy Epps
Christy Gillis
Suzette Cameron (non-voting)
Penelope Cruz (non-voting)
Lisa Divina (non-voting)
Jay Williams (non-voting)

Members/Technical Appointees Absent:

Candice Cornelssen
Jauxniece Palmer
Patrick McCallister (Excused)
Gayle Belin (Excused)
Hamid Tabassian (non-voting) (excused)
Trevor Martin (non-voting) (excused)
Stephanie Moss (non-voting advisor) (excused)

Others Physically Present:

Donna King, Recording Secretary
Pamela Blankenship
Stephan Harris
Colleen Nicoulin
Kia Powell

Others Virtually Present:

Richard Hamilton
Jonathan Scarfe

Representing:

Daytona Beach
DeBary
DeLand
New Smyrna Beach
Orange City
Ponce Inlet
South Daytona Alternate
Volusia County At-Large
Volusia County Chair
Volusia County District 1
Volusia County District 1 Alternate
Volusia County District 2
Volusia County Schools
Volusia County Transit Services
Flagler County
Flagler County Transit

Representing:

Deltona
Flagler County
Ponce Inlet
South Daytona
Large City, Port Orange
Large City, Port Orange Alternate
Volusia County Schools Alternate
Volusia County

Representing:

Flagler Beach
Flagler Beach Alternate
Lake Helen
Ormond Beach
Flagler County Transit
Flagler County Transit Alternate
FDOT

Representing:

TPO Staff
TPO Staff
TPO Staff
TPO Staff
FDOT

Representing:

Citizen
FDOT

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

The River to Sea Transportation Planning Organization (TPO) Bicycle/Pedestrian Advisory Committee (BPAC) meeting was called to order at 2:00 p.m. by Chairperson Ted Wendler. The roll was called, and it was determined that a quorum was physically present. The meeting was held in a hybrid format with eleven voting and four non-voting members physically present, and four voting and four non-voting members virtually present. The Pledge of Allegiance was given.

MOTION: *A motion was made by Mr. Hall to allow members attending virtually to participate and vote. The motion was seconded by Mr. Lodge and carried unanimously.*

II. Public Comment/Participation

Mr. Richard Hamilton, a Flagler County citizen, stated that he is supportive of the Flagler Beach trail gap funding and requested an update on how the new Manual on Uniform Traffic Control Devices through FDOT might affect some of the local safety projects.

III. Action Items

A. Review and Recommend Approval of the November 8, 2023 BPAC Meeting Minutes

MOTION: *A motion was made by Mr. Storke to recommend approval of the November 8, 2023 BPAC meeting minutes. The motion was seconded by Ms. Bonds and carried unanimously.*

B. Review and Recommend Approval (Ratification) to Amend the List of Shared-Use Non-Motorized (SUN) Trail Projects

Mr. Stephan Harris gave in-depth details of the amendment to the List of Shared-Use Non-Motorized (SUN) Trail projects. He stated that maps were provided in the agenda packet. He also noted that this item will be on the CAC/TCC agenda later this month. He discussed the areas where the Work Program will address gaps.

Mr. Harris answered members' questions regarding previously washed-out areas and the additional option.

Ms. Nicoulin gave a summary of the amendment and noted that the action for today is to put this project on the TPO's Priority List. She explained the process of adding projects to the TPO's Priority List.

MOTION: *A motion was made by Mr. Lodge to recommend approval to amend the List of Shared-Use Non-Motorized (SUN) Trail Projects. The motion was seconded by Ms. Sharp and carried unanimously.*

C. Review and Recommend Approval of Resolution 2024-## Adopting the 2024 River to Sea TPO Safety Data and Targets

Ms. Nicoulin gave a PowerPoint presentation and explained the process of adopting the 2024 River to Sea TPO Safety Data and Targets Resolution. She stated that TPOs can either adopt this target or come up with their own. The TPO has recommended adopting FDOT's target of zero. She discussed the five performance measures including fatalities and serious injuries statistics and provided statistic charts for fatalities/serious injuries and bike/pedestrian serious injuries in Volusia and Flagler Counties over the last ten years.

Ms. Nicoulin answered members' questions regarding measures being taken to separate fatalities and serious injuries statistics; achievable goals; whether Target Zero is state-mandated or federal, and whether the TPO has to meet the goals in order to get funding.

MOTION: *A motion was made by Ms. Bonds to recommend approval of Resolution 2024-## adopting the 2024 River to Sea TPO Safety Data and Targets. The motion was seconded by Mr. Lodge and carried unanimously.*

IV. Presentation and Discussion Items

A. Presentation and Discussion of the FY 2024/25 and FY 2025/26 Unified Planning Work Program (UPWP)

{Handout Provided}

Ms. Nicoulin gave an overview of the process for the UPWP in detail and explained that today's presentation is more of a brainstorming activity.

Mr. Harris gave a PowerPoint presentation and provided in-depth details of the provided handout. He discussed the required activities and unique projects. He noted that counters will be installed on some of the local trails, the exact locations of the counters are yet to be determined.

Mr. Harris answered members' questions regarding whether the data from the counters will be available to the public; the purpose of the counters; if other municipalities can use the counter data, and who will be looking at the data.

Members provided possible projects to be in the UPWP such as an app for the Bicycle Suitability Map, help with planning the Active Transportation Workshop, education for bicyclists and pedestrians, identifying school crossing zones where cameras could be installed, and increasing the TPO staff size.

V. Staff Comments

Ms. Nicoulin announced that FDOT is putting together a safety summit tentatively scheduled for February 27, 2024, and noted that she will provide more details at next month's meeting.

VI. Information Items

- BPAC Attendance Record
- TPO Board Report
- TPO Outreach & Activities
- TPO Upcoming Events
- VoRide Mobility on Demand Service
- 2024 TPO Meeting Schedule

VII. BPAC Member Comments

BPAC member comments were provided regarding speeding on Nova Road; the upcoming Manatee Festival; appreciation of TPO staff and FDOT; speed limit signs placed on sidewalks in Ponce Inlet, and an update on the bicycle busses asked about at a previous meeting.

VIII. Adjournment

The BPAC meeting adjourned at 3:31 p.m.

River to Sea Transportation Planning Organization

**Mr. Ted Wendler, Chairperson
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 January 10, 2024 regular meeting of the Bicycle/Pedestrian Advisory Committee (BPAC), approved and duly signed this 14th day of February 2024.

**Donna King, Recording Secretary
River to Sea Transportation Planning Organization**

****A recording of the January 10, 2024 BPAC meeting is available upon request.***

**SUMMARY SHEET
BPAC
FEBRUARY 14, 2024**

III. ACTION ITEMS

B. REVIEW AND RECOMMEND APPROVAL OF THE DRAFT FY 2024/25 AND FY 2025/26 UNIFIED PLANNING WORK PROGRAM (UPWP) BICYCLE/PEDESTRIAN TASKS FOR FDOT/FHWA REVIEW

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, 2024. 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) 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. At last month's meeting, TPO staff reviewed the draft tasks for consideration.

TPO staff will provide an update on the recommended tasks and activities as well as the funding allocations to be included in the draft FY 2024/25 and FY 2025/26 UPWP.

ACTION REQUESTED:

MOTION TO RECOMMEND APPROVAL OF THE DRAFT FY 2024/25 AND FY 2025/26 UNIFIED PLANNING WORK PROGRAM (UPWP) BICYCLE/PEDESTRIAN TASKS FOR FDOT/FHWA REVIEW

Fiscal Year 2024/25 & 2025/26 Unified Planning Work Program (UPWP)

Connect 2045 Goals

- Goal #1 – Develop and maintain a balanced and efficient multimodal transportation system
- Goal #2 – Support the economic development and growth of the TPO area and region
- Goal #3 – Enhance and expand transportation connectivity and choice for all users
- Goal #4 – Eliminate or reduce crash-related fatalities and serious injuries (safety) and improve security throughout the transportation network
- Goal #5 – Promote livability by providing, protecting and enhancing social, cultural, physical, and natural environmental places
- Goal #6 – Promote equity, transparency, and opportunities for the public to be involved with their transportation system

Estimated Funding Allocations

| | FY 2024/25 | FY 2025/26 |
|------------------------------|--------------------|--------------------|
| CPG – PL Portion* | \$943,622 | \$961,960 |
| CPG – FTA Portion* | \$314,685 | \$314,685 |
| SU | \$200,000 | \$200,000 |
| Transportation Disadvantaged | \$33,142 | \$33,142 |
| PL Carry Forward | TBD | TBD |
| TOTAL | \$1,491,449 | \$1,509,787 |

- The Consolidated Planning Grant (CPG) allows for PL and FTA 5305(d) funds to be combined into a single grant. These funds will be represented as PL in the FY 2024/25 and FY 2025/26 UPWP.

| TASK # | Task Title / Category General Description | Activities & Deliverables Current UPWP | Activities & Deliverables FY 2024/25 & 2025/26 |
|--------|---|---|--|
| 3.01 | <p>Bicycle/Pedestrian Planning & Implementation</p> <p>Planning & promotion of safe, non-motorized travel options within the planning area.</p> <p>Other Previous Activity Includes:</p> <ul style="list-style-type: none"> Attendance & participation at various workshops and events such as: Coast to Coast Trail Alliance Workshop, Florida Greenways and Trails System (FGTS) Plan Workshop, Active Transportation Workshop, Volusia County Trails Summit, Florida Wildlife Corridor Town Hall, NEFRC Ecotourism & Trails Steering Committee, White Cane Awareness Workshop, Mobility Week Workshop, FDOT Non-Motorized Transportation Workshop, Florida Trails Summit. | <p>Provide technical staff support to the BPAC.</p> <p>Manage the Annual Call for Bike/Ped/Trails projects.</p> <p>Develop & approve the Bicycle/Pedestrian List of Prioritized Projects.</p> <p>Participate in local & regional bicycle/pedestrian advisory groups.</p> <p>Continued coordination with stakeholders to develop the St. Johns River to Sea Loop Trail and Coast to Coast Trail.</p> <p>Provide bicycle/pedestrian input and assistance in planning efforts, activities and work products to ensure appropriate representation.</p> <p>Provide project development support to member governments on bicycle/pedestrian projects.</p> <p>Coordinate with FDOT on bicycle/pedestrian project programming.</p> <p>Implement Bicycle and Pedestrian Count Program.</p> <p>Adopt Bicycle and Pedestrian Safety Action Plan*</p> <p>Implement strategies identified in the Bicycle and Pedestrian Safety Action Plan*</p> <p>Update Bicycle Suitability Map*</p> | <p>Provide technical staff support to the BPAC.</p> <p>Manage the Annual Call for Bike/Ped/Trails projects.</p> <p>Develop & approve the Bicycle/Pedestrian List of Prioritized Projects and List of SUN Trail Projects.</p> <p>Participate in local & regional bicycle/pedestrian advisory groups.</p> <p>Continued coordination with stakeholders to develop the St. Johns River to Sea Loop Trail and Coast to Coast Trail.</p> <p>Provide bicycle/pedestrian input and assistance in planning efforts, activities and work products to ensure appropriate representation.</p> <p>Provide project development support to member governments on bicycle/pedestrian projects.</p> <p>Coordinate with FDOT on bicycle/pedestrian project programming.</p> <p>Coordinate with FDOT and local governments on short-term and continuous Bicycle and Pedestrian Counters.</p> <p>Integrate bicycle and pedestrian safety countermeasures into Safe Streets and Roads for All (SS4A) Comprehensive Safety Action Plan*</p> <p>Create a digital, app-compatible replacement for the 2019 River to Sea TPO Bicycle Suitability Map*</p> |

| | | | |
|------|--|--|--|
| | | | <p>Provide bicycle/pedestrian input and assistance in planning efforts, activities and work products for the 2050 Long Range Transportation Plan.</p> <p>Facilitate coordination with municipalities in East Volusia County to complete SUN Trail Projects via periodic meetings and/or workshops.</p> <p>Participation in St. Johns River to Sea Loop Alliance's Active Transportation Workshops.</p> <p>Participation in Bike/Walk Central Florida's Best Foot Forward Pedestrian Safety Program.</p> <p>Update the 2018 River to Sea TPO Bicycle and Pedestrian Master Plan</p> |
| 3.02 | Bicycle/Pedestrian Project Feasibility Studies Manage studies to determine project feasibility & costs prior to programming. | Complete project feasibility studies IAW LOPP* | Complete project feasibility studies IAW LOPP* |
| | | * Indicates work products that may utilize consultants | |

**SUMMARY SHEET
BPAC
FEBRUARY 14, 2024**

III. ACTION ITEMS

**C. APPOINTMENT/REAPPOINTMENT OF 2024 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. All subcommittee members are eligible for reappointment. Current BPAC Project Review Subcommittee members are:

| | Name | Representing |
|---|------------------|----------------------------|
| 1 | Maggie Ardito | Volusia County, District 1 |
| 2 | Jason Aufdenberg | Volusia County, At Large |
| 3 | Gayle Belin | Ormond Beach |
| 4 | Terry Lodge | DeBary |
| 5 | Nic Mostert | New Smyrna Beach |
| 6 | Ted Wendler | DeLand |

ACTION REQUESTED:

***MOTION TO APPOINT/REAPPOINT 2024 BPAC PROJECT REVIEW SUBCOMMITTEE
MEMBERS***

**SUMMARY SHEET
BPAC
FEBRUARY 14, 2024**

III. ACTION ITEMS

D. APPOINTMENT/REAPPOINTMENT OF 2024 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 2024. All subcommittee members are eligible for reappointment. Current TIP Subcommittee members are:

| | Name | Advisory Committee | Representing |
|---|------------------------|---------------------------|------------------------------------|
| 1 | Bobby Ball | CAC | Port Orange |
| 2 | Elizabeth Lendian | CAC | Volusia County, At Large |
| 3 | Caryn Miller | TCC | Flagler Beach |
| 4 | Jose Papa/Phong Nguyen | TCC | Palm Coast |
| 5 | Bob Storke | BPAC/CAC | Orange City |
| 6 | Brian Walker | TCC | Holly Hill |
| 7 | Jay Williams | TCC | Volusia County Traffic Engineering |

ACTION REQUESTED:

MOTION TO APPOINT/REAPPOINT 2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) SUBCOMMITTEE MEMBERS

**SUMMARY SHEET
BPAC
FEBRUARY 14, 2024**

IV. PRESENTATIONS AND DISCUSSION ITEMS

A. PRESENTATION AND DISCUSSION OF PEDESTRIANS, BICYCLISTS AND ROUNDABOUTS

BACKGROUND INFORMATION:

Roundabouts can be safer than traditional intersections and can shorten travel times for both drivers and pedestrians. As motorists move through the roundabout in the same direction, the chance of a potential head-on collision is greatly reduced. Roundabouts have been shown to reduce the number of fatal and severe injury crashes by 78 percent to 82 percent compared to a stop-controlled intersection or a signalized intersection, according to the Federal Highway Administration. Furthermore, motorists must slow down when using a roundabout, helping to make the road safer. Roundabouts also keep traffic moving, as opposed to intersections, which force drivers and pedestrians to wait at stoplights or at stop signs for vehicles to cross. While navigating intersections comes naturally to most drivers, some might not be as used to using roundabouts. Similar to an intersection, a motorist should decide which direction he or she wants to go in before approaching the roundabout. Always pay attention to the upcoming signage to understand which lane to take to reach your exit.

Before entering the roundabout, drivers should slow down to about 10 to 15 mph and yield to any pedestrians or cyclists attempting to cross in crosswalks. Also, before entering, drivers should yield to traffic within the roundabout. Once there is a gap in traffic, the driver can enter the roundabout. Traffic in roundabouts moves counterclockwise, in other words, to the right. While driving through the roundabout, the driver should stay in their lane and then exit at the street they want to go on. If an emergency vehicle approaches, the driver should drive through the roundabout before pulling over, as they would if they were crossing an intersection during that situation.

Pedestrians should stay on the walkways and only cross at designated crosswalks. If needed, the pedestrian can stop in the middle of the crosswalk at the splitter island. Pedestrians have the right-of-way. They should not enter the center island of the roundabout. Cyclists have the choice of using a roundabout as a motorist would or using it as a pedestrian would. If a cyclist chooses to ride with the vehicle traffic, they must follow the same rules that vehicles follow and signal which direction they will go, just as a vehicle would. If a cyclist chooses to use a walkway, they should yield the right-of-way to pedestrians. Cyclists should also walk their bicycles across crosswalks.

FDOT Safety Video: https://www.youtube.com/watch?v=8ORpNX_3Qn8&t=1s

ACTION REQUESTED:

NO ACTION IS REQUIRED UNLESS OTHERWISE DIRECTED BY THE BPAC

Roundabouts: For Pedestrians & Bicyclists

- » Learn more about the benefits of roundabouts at fdot.tips/roundabout
- » See planned FDOT roundabout projects in Central Florida at cflroads.com

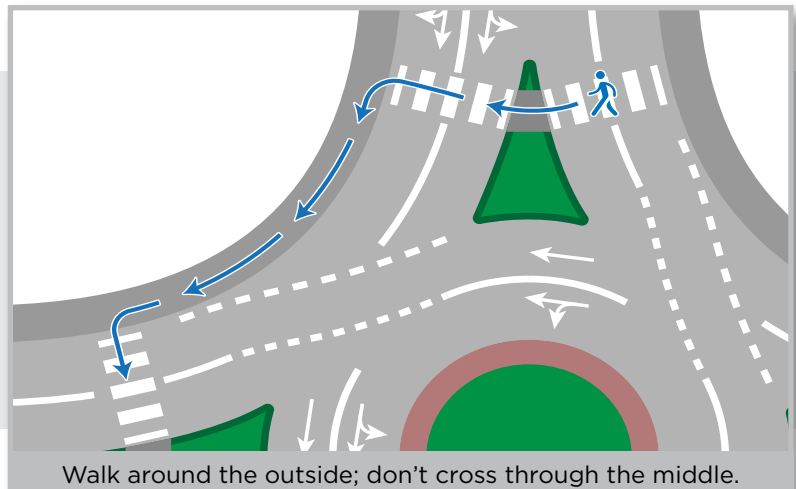
Roundabouts: How They Work for Pedestrians & Bicyclists



Modern roundabouts are designed with important pedestrian safety features. For example, the design ensures that vehicles pass through at slower speeds and face fewer conflict points than at traditional intersections.

Pedestrians:

Crosswalks are set further back from vehicle traffic, allowing drivers more time to react to people in the roadway before merging into or out of the roundabout. Triangular islands between lanes of vehicle traffic give pedestrians a safe place to wait if they choose to cross only one direction of traffic at a time.



Walk around the outside; don't cross through the middle.

Bicyclists:

Bicyclists can choose to ride through the roundabout with traffic (FIG. A) or walk their bicycles through the pedestrian crosswalks (FIG. B) – much like they would in a traditional intersection. Always give pedestrians the right of way, and use hand signals when riding with traffic.

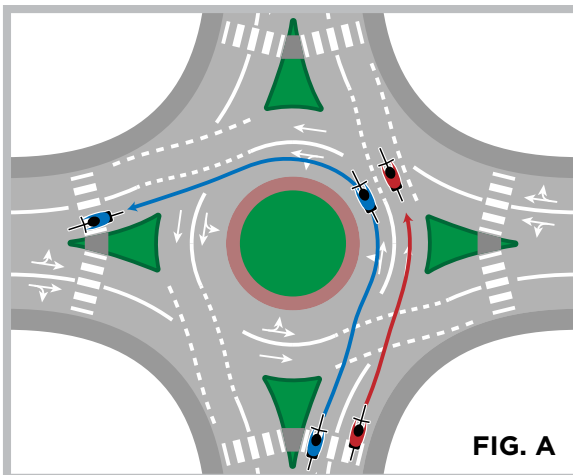


FIG. A

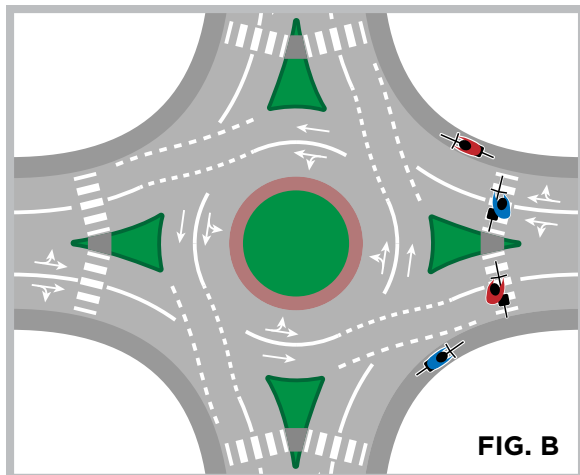


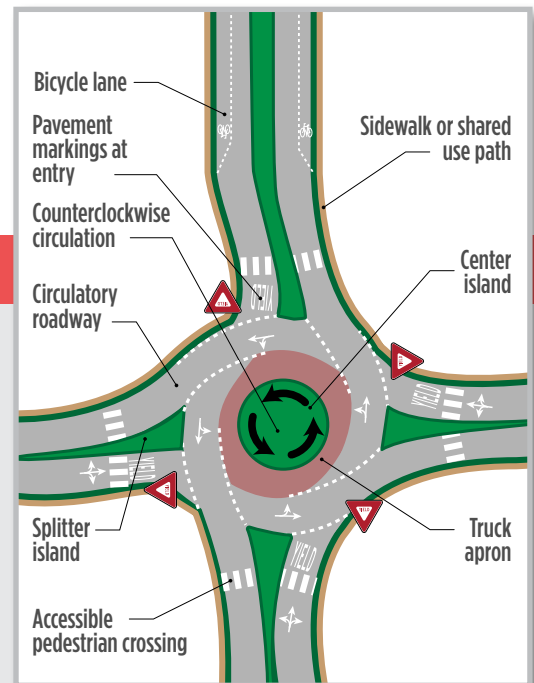
FIG. B

More Information About Roundabouts

- » Learn more about the benefits of roundabouts at fdot.tips/roundabout
- » See planned FDOT roundabout projects in Central Florida at cflroads.com

Anatomy of a Roundabout

Modern roundabouts have been proven safer and more efficient than other types of circular intersections, such as a neighborhood traffic circle or large rotary. Roundabouts have certain distinguishing features and characteristics, which are labeled in the illustration to the right.



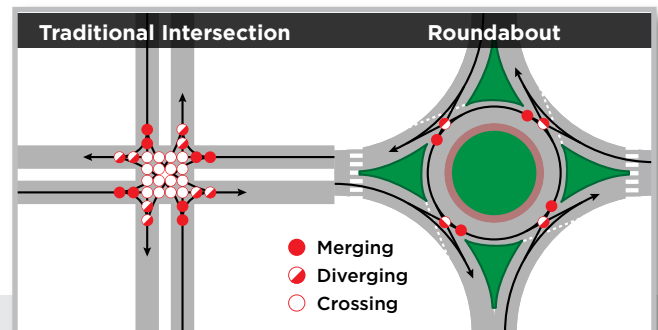
ROUNDAABOUT FAQs

Q. How is a modern roundabout different from a traffic circle or rotary?

- A. Modern roundabouts are typically smaller than the large, high-speed rotaries, which are common in the Northeast. In addition, roundabouts are typically larger than neighborhood traffic circles used to calm traffic. A roundabout has these characteristics:
- » Counterclockwise Flow — Traffic travels counterclockwise around a center island.
 - » Entry Yield Control — Vehicles approaching the roundabout yield to traffic already circulating in the roundabout.
 - » Low Speed — The design of approaching roadway and the diameter of the roundabout ensures low speeds through the intersection.

Q. How do roundabouts improve safety?

- A. The illustration to the right shows how traditional intersections have 32 conflict points, which roundabouts reduce to just eight. Roundabouts remove right angle conflicts, which lessens the severity of crashes at these types of intersections. Incidents that do occur in roundabouts are at low speeds and are typically sideswipe, glancing collisions.



Q. How should a driver yield to emergency vehicles?

- A. If you have not entered the roundabout, pull over to the right and allow the emergency vehicle to pass. If you have already entered the roundabout, continue to the closest exit and pull into it to allow the emergency vehicle to pass.

Q. How do large vehicles navigate a roundabout?

- A. Roundabouts are designed to accommodate all vehicles, including tractor-trailers, emergency vehicles, recreational vehicles, etc. To accommodate the vehicle turning path as the vehicle makes its way through the roundabout, a truck apron around the inside of the circulating roadway provides the space needed. The apron is slightly elevated and visually different from the circulating roadway. This different color helps make it clear that the truck apron is not a lane for smaller vehicles or a pedestrian walkway.

**SUMMARY SHEET
BPAC
FEBRUARY 14, 2024**

V. STAFF COMMENTS

VI. INFORMATION ITEMS

- BPAC Attendance Record
- TPO Board Report
- TPO Outreach & Activities
- TPO Upcoming Events
- 2024 Priority Project Process Schedule
- FDOT Safety Workshop Invitation

VII. BPAC MEMBER COMMENTS

VIII. ADJOURNMENT

******The next meeting of the BPAC will be on Wednesday, March 13, 2024******

BPAC ATTENDANCE RECORD 2024

| | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec |
|-----------------------------|-------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
| BPAC Member | Representing | Apptmt Date | | | | | | | | | | | | |
| Doug Hall | Daytona Beach | 03/2012 | P | | | | | | | | | | | |
| Luis Leal | Deltona | 11/2021 | V | | | | | | | | | | | |
| Terry Lodge | DeBary | 08/2020 | P | | | | | | | | | | | |
| Ted Wendler | DeLand | 05/2011 | P | | | | | | | | | | | |
| Candice Cornelissen | Flagler Beach | 05/2023 | A | | | | | | | | | | | |
| Jauxniece Palmer | Flagler Beach-Alt | 05/2023 | A | | | | | | | | | | | |
| Larry Coletti | Flagler County | 02/2016 | V | | | | | | | | | | | |
| Patrick McCallister | Lake Helen | 02/2022 | E | | | | | | | | | | | |
| Nic Mostert | New Smyrna Beach | 03/2015 | P | | | | | | | | | | | |
| Bob Storke | Orange City | 12/2007 | P | | | | | | | | | | | |
| Gayle Belin | Ormond Beach | 01/2015 | E | | | | | | | | | | | |
| Tom Bahleda | Ponce Inlet | 11/2023 | P | | | | | | | | | | | |
| Nancy Epps | Ponce Inlet Alt | 08/2021 | V | | | | | | | | | | | |
| Vacant | Palm Coast | | | | | | | | | | | | | |
| Christy Gillis | South Daytona | 01/2016 | V | | | | | | | | | | | |
| Katheryn Meagher | South Daytona Alt | 09/2023 | P | | | | | | | | | | | |
| Elizabeth Bonds | Volusia County | 10/2023 | P | | | | | | | | | | | |
| Jason Aufdenberg | Volusia County | 07/2012 | P | | | | | | | | | | | |
| Maggie Ardillo | Volusia County | 02/2022 | P | | | | | | | | | | | |
| Emery Jeffreys | Volusia County Alt | 05/2022 | P | | | | | | | | | | | |
| Eileen Sharp | Volusia County | 04/2023 | P | | | | | | | | | | | |
| Vacant | Volusia County | | | | | | | | | | | | | |
| Suzette Cameron | Large City-Port Orange | 11/2023 | V | | | | | | | | | | | |
| Penelope Cruz | Large City-PO Alt | 11/2023 | V | | | | | | | | | | | |
| Jacob Lunceford | VC Transit Division | 03/2023 | P | | | | | | | | | | | |
| Ralf Heseler | VC Transit Division Alt | 03/2023 | | | | | | | | | | | | |
| Lisa Divina | VC School Board | 03/2023 | | | | | | | | | | | | |
| David German | VC School Board-Alt | 03/2023 | P | | | | | | | | | | | |
| Adam Mengel | Flagler County | 08/2021 | P | | | | | | | | | | | |
| Vacant | Flagler County-Alt | | | | | | | | | | | | | |
| Sean Castello | VC Traffic Engineering | 09/2022 | A | | | | | | | | | | | |
| Meghan Lindsey | VC Traffic Eng-Alt | 08/2022 | A | | | | | | | | | | | |
| Hamid Tabassian | Flagler County Transit | 08/2023 | A | | | | | | | | | | | |
| Trevor Martin | FC Transit-Alt | 08/2023 | A | | | | | | | | | | | |
| Stephanie Moss | FDOT | 11/2019 | E | | | | | | | | | | | |
| QUORUM | | | Y | | | | | | | | | | | |
| Vacancies | | Legend | | | | | | | | | | | | |
| Bunnell | | Present | P | | | | | | | | | | | |
| Beverly Beach | | Virtual Present | V | | | | | | | | | | | |
| Daytona Beach Shores | | Excused | E | | | | | | | | | | | |
| Edgewater | | Absent | A | | | | | | | | | | | |
| Flagler County School Board | | | | | | | | | | | | | | |
| Holly Hill | | | | | | | | | | | | | | |
| Oak Hill | | | | | | | | | | | | | | |
| Pierson | | | | | | | | | | | | | | |
| Port Orange | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |



River to Sea TPO Board Meeting Summary January 24, 2024

- Approved a motion allowing members attending virtually to participate and vote
- Approved Consent Agenda including approval of the December 6, 2023 TPO Board meeting minutes; ratification of an amendment to the Shared Use Non-Motorized (SUN) Trail Project List; and a letter of support for the FDOT Consolidated Rail Infrastructure and Safety Improvements (CRISI) Grant Application for the proposed Railroad Crossing Safety Improvements and Monitoring System project
- Approved the River to Sea TPO's FY 2022/23 Independent Audit Report
- Approved Resolution 2024-01 amending the FY 2023/24 to FY 2027/28 Transportation Improvement Program (TIP) by roll call vote
- Approved Resolution 2024-02 adopting the 2024 River to Sea TPO Safety Targets
- Approved Resolution 2024-03 adopting the 2020 Adjusted Urban Area Boundary subject to reviewing the Lake Helen boundaries for additional adjustments
- Received a presentation and discussion of the draft FY 2024/25 and FY 2025/26 Unified Planning Work Program (UPWP)
- Received a presentation and discussion of an amendment to the Connect 2045 Long Range Transportation Plan (LRTP)
- Received the FDOT report; announced the most up-to-date project information can be found at www.cflroads.com; and announced ten crosswalks have been chosen for the Best Foot Forward Pedestrian Safety Program
- Received the Executive Director's report regarding FDOT's response to the Greenhouse Gas Emissions Performance Measure and its effect on TPOs; discussion of House Bill 7049/Senate Bill 1032 and their impacts to the MPO Advisory Council (MPOAC) and TPO; announced FDOT Safety Summit in Titusville on February 27; and upcoming MPOAC weekend Institute training
- Received TPO Board member comments
- Received TPO Chairperson comments

The next River to Sea TPO Board meeting will be on Wednesday, February 28, 2024, at 9:00 a.m.

| | | | | | |
|----------------------|-----------|----------------|------------------|-------------|----------------|
| Beverly Beach | DeBary | Flagler Beach | New Smyrna Beach | Palm Coast | South Daytona |
| Bunnell | DeLand | Flagler County | Oak Hill | Pierson | Volusia County |
| Daytona Beach | Deltona | Holly Hill | Orange City | Ponce Inlet | |
| Daytona Beach Shores | Edgewater | Lake Helen | Ormond Beach | Port Orange | |



River to Sea TPO Outreach & Activities

www.R2CTPO.org

December/January 2023/24

Transportation Disadvantaged Legislative Day

On January 18, 2024, Transportation Disadvantaged Local Coordinating Board (TDLCB) members Cassandra Jessie and Doug Hall, Volusia County Council Members Matt Reinhart and Danny Robins, and TPO staff member Stephan Harris attended TD Legislative Day in Tallahassee. The group met with Legislators to discuss transportation issues affecting the transportation disadvantaged including revenue limitations on public transit projects, alternative mobility funding systems, and local government adoption of alternative mobility planning and fee systems. Among those the group met with were Representative Thomas Leek, Representative Webster Barnaby, Senator Tom Wright's Legislative Aide Christopher Morris, and Senator Travis Hutson's Legislative Aide Craft Talbot. Various exhibitors and vehicles were on display in The Capitol Courtyard.





River to Sea TPO Outreach & Activities

www.R2CTPO.org

December/January 2023/24

The Neighborhood Center Toy Giveaway

The Neighborhood Center of West Volusia held a toy giveaway for their clients' children on December 16. Among the toys given to the children were items donated by the River to Sea TPO which were collected at the TPO's Annual Open House. More than 110 toys were provided to the Center.



Do you want up-to-date River to Sea TPO news and information?

Subscribe to the TPO's monthly newsletter, Transportation Talk, for more transportation news and information. Simply click the link below, fill out the form and sign up!

[Click Here](#)

Ongoing Projects, Studies, & Activities

- Implement Regional Resiliency Action Plan
- Safe Streets and Roads for All (SS4A) Grant Implementation
- 2024 Annual Call for Projects
- Best Foot Forward for Ped Safety Program
- FY 2024/25 and 20 25/26 Unified Planning Work Program (UPWP) development
- Amendment to the Connect 2045 Long Range Transportation Plan (LRTP)

TPO Call for Projects is Now Open

The River to Sea TPO is now accepting applications for projects to be added to our List of Priority Projects. These applications will be used by the TPO to qualify and prioritize proposed transportation-related projects for feasibility study and/or implementation using federal and/or state transportation funding. The deadline for submitting project applications is 4:00 p.m. on Thursday, February 29, 2024.

[Additional information is available here](#)

Follow the TPO:





February-March 2024 Events

February 1

Volusia County Community Traffic Safety Team (CTST) Meeting

9:00 am – 10:00 am

Florida Highway Patrol Troop D DeLand

1551 E. Int'l Speedway Blvd, DeLand

February 9

Central Florida MPO Alliance (CFMPOA) Meeting

10:00 am – 12:00 pm

MetroPlan Orlando

250 South Orange Ave, Suite 200, Orlando

More info: [Click Here](#)

February 13

Flagler County Community Traffic Safety Team (CTST) Meeting

9:00 am – 10:00 am

Flagler County Commissioner Conference Room

1769 E. Moody Blvd. Bldg. 2, Bunnell

February 15

Families & Communities Together (FACT) Fair

5:30 pm – 7:00 pm

Heritage Middle School

1001 Parnell Ct, Deltona, FL 32738

More info: [Click Here](#)

February 17

Health & Wellness Expo

10:00 am – 2:30 pm

Babe James Community Center

201 N Myrtle Ave, New Smyrna Beach

More info: [Click Here](#)

February 22

Central Florida Commuter Rail Commission Board Meeting

2:00 pm – 4:00 pm

Lynx Administrative Building

455 North Garland Ave, Orlando

More info: [Click Here](#)



February 26

Round Table of Volusia County Elected Officials Transportation/Infrastructure Subcommittee Meeting

10:00 am – 11:30 am

Volusia County Road & Bridge NE Services Facility

3771 W. International Speedway Blvd, Daytona Beach

More info: [Click Here](#)

February 27

FDOT District Safety Strategic Plan Workshop

Time details to follow

Titusville Public Library

2121 S. Hopkins Ave, Titusville

More Info: TBD

February 29

Volusia County Best Foot Forward Steering Committee Meeting

9:00 am – 10:00 am

Virtual Teams Meeting

More Info: [Click Here](#)

March 7

Volusia County Community Traffic Safety Team (CTST) Meeting

9:00 am – 10:00 am

Volusia County Public Works Northeast Services Facility

3771 W International Speedway Blvd, Daytona Beach

March 11

Roundtable of Volusia County Elected Officials

9:00 am – 11:00 am

Dennis R. McGee Room at Daytona Beach International Airport

700 Catalina Dr, Suite 300, Daytona Beach

More info: [Click Here](#)

March 12

Flagler County Community Traffic Safety Team (CTST) Meeting

9:00 am – 10:00 am

Flagler County Commissioner Conference Room

1769 E. Moody Blvd. Bldg. 2, Bunnell

March 28

Central Florida Commuter Rail Commission Board Meeting

2:00 pm – 4:00 pm

Lynx Administrative Building

455 North Garland Ave, Orlando

More info: [Click Here](#)

2024 Priority Project Process Schedule

December 8, 2023

- Issue Call for Projects/Notice of Funding Availability (12 weeks long).

January 16, 2024

- TCC Meeting/Priority Project Process Workshop.

February 9, 2024

- Deadline to submit draft project applications for TPO staff review in advance of application deadline.

February 29, 2024

- Application Deadline (4:00 p.m.).
- Project sponsors submit letter of support to retain projects on the List of Priority Projects (LOPP) and updated cost estimates for unfunded projects/project phases on the LOPP.
- Project sponsors submit list of regionally significant projects for Transportation Regional Incentive Program (TRIP) eligible projects
- Project sponsors submit list of Shared Use Non-Motorized (SUN) Trail eligible projects

March - April, 2024

- TIP Subcommittee and BPAC Subcommittee meet separately to score/rank applications.

May 8, 2024

- BPAC reviews preliminary rankings

May 21, 2024

- CAC/TCC review preliminary rankings

May 22, 2024

- TPO Board reviews recommended preliminary rankings

June 12, 2024

- BPAC reviews/recommends rankings

June 18, 2024

- CAC/TCC reviews/recommends rankings

June 26, 2024

- TPO Board reviews/approves final rankings and adopts LOPP

July 1, 2024

- Adopted LOPP submitted to FDOT

On behalf of the Florida Department of Transportation's (FDOT) District Five Secretary, John E. Tyler, and in partnership with River to Sea TPO and Space Coast TPO, we invite you to participate in a workshop on **Tuesday, February 27th from 11:30 am to 12:30 pm** at the **Titusville Public Library**.

This workshop is a step in developing a Safety Strategic Plan that brings the nine counties represented by FDOT's District Five together towards OUR common goal of ZERO – Zero Fatalities and Serious Injuries on our roadways. We look forward to hearing your feedback on how best we can all work together to get everyone home safely each night.

We hope you will be able to join us – **Please RSVP here, <https://forms.gle/7yvj36YcWSn1m7cu7> by Friday, February 16th**. Please email me, Loreen Bobo, if you have any issues with RSVP'ing.



**FDOT DISTRICT 5
SAFETY STRATEGIC PLAN**

BRINGING CENTRAL FLORIDA TOGETHER

**SAFETY WORKSHOP
OPEN HOUSE**

TUESDAY, FEBRUARY 27TH, 2024
TIME: 11:30 AM - 12:30 PM
LOCATION: TITUSVILLE PUBLIC LIBRARY
2121 S HOPKINS AVE
TITUSVILLE, FL 32780

*Learn about FDOT District 5's
Safety Strategic Plan
and provide your feedback on collaboration
opportunities with FDOT to achieve zero serious
injuries and fatalities*

**PLEASE RSVP BY
FRIDAY, FEBRUARY 16TH, 2024**

FDOT **TARGET ZERO** in collaboration with  