



Space Coast Transportation Planning Organization (SCTPO)  
**BICYCLE PEDESTRIAN TRAILS ADVISORY COMMITTEE**

Angelika Keene, Chair, Presiding

DATE: Monday, October 28, 2024  
TIME: 5:30 PM  
LOCATION: Viera Government Center, Florida Room,  
Building C, 3rd Floor



Wireless Access Available  
Network Name: Guestwireless  
Password: GuestWifi

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## Agenda

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1. **Call to Order and Pledge of Allegiance**
2. **Public Comment (Non-Agenda Items Only)**  
*Anyone wishing to make a comment on an item not on the agenda should complete a "speaker card" at the sign-in desk. For items on the agenda, please fill out a "speaker card" and you will be called upon when the item is discussed. Comments are limited to three minutes.*
3. **Reports**
  - A. Staff Report (Pg. 3)
4. **Consent Agenda**  
*(The entire Consent Agenda will be passed in one motion and read aloud for the record)*
  - A. Approval RE: Bicycle, Pedestrian, and Trails Advisory Committee Meeting Minutes -June 24, 2024 (Pg. 7)
5. **Presentations**
  - A. Bike/Walk Central Florida - Best Foot Forward Pedestrian Safety Program (Pg. 13)
6. **Adjourn**

**In celebration of Mobility Week and support of Vision Zero, please join the SCTPO and Bike/Walk Central Florida for a pedestrian safety event following the meeting!**

Public Comment: Comments will be heard on items that do not appear on the agenda of this meeting. Public comments are solicited without regard to race, color, national origin, age, sex, religion, disability or family status. Note, however, that state law and administrative rules prevent the TPO from taking any formal action on any item discussed at this time. The TPO may schedule such items as regular agenda items and act upon them in the future. The Chair is authorized to limit discussion, as necessary, with each commentary limited to 3 minutes.

Appeal: Any person who desires or decides to appeal any decision made by this agency with respect to any matter considered at this meeting or hearing will need a record of the proceedings. For such purpose, such person may need to ensure that a verbatim record of the proceedings is made, at his own expense, which record includes testimony and evidence upon which the appeal is to be based. Any questions about this meeting should be directed to TPO staff, (321) 690-6890 or e-mail: [tpostaff@sctpo.com](mailto:tpostaff@sctpo.com)

Accessibility: In accordance with the Americans with Disabilities Act and Section 286.26, Florida Statutes, persons with disabilities needing special accommodations to participate in this proceeding or persons who require translation services (free of charge) should contact the Space Coast TPO Office no later than 48 hours prior to the meeting at (321) 690-6890 for assistance.

The SCTPO is actively working to increase the accessibility of our meeting materials and in doing so, adhere to many of the available standards and guidelines, when applicable. Should you encounter any inaccessible material, please contact Abby Hemenway, Title VI Coordinator, (321) 690-6890 or e-mail: [abby.hemenway@sctpo.com](mailto:abby.hemenway@sctpo.com)

Live Broadcast: The TPO meeting will be broadcast live on Space Coast Government Television on Spectrum Networks cable channel 499, Comcast (North Brevard) Channel 51, Comcast (South Brevard) Channel 26. SCGTV will also replay the meeting during the coming month. Check the SCGTV website for daily program updates, (<http://www.scgtv.org>).

**\*\*\* PLEASE SILENCE ALL ELECTRONIC DEVICES \*\*\***

**Space Coast TPO**  
2725 Judge Fran Jamieson Way  
Building B, Room 105  
Melbourne, FL 32940  
Phone: 321-690-6890

**REPORTS  
ITEM NUMBER 3.A**

**Staff Report**

*For further information, please contact: [sarah.kraum@sctpo.com](mailto:sarah.kraum@sctpo.com)  
Strategic Plan Emphasis Area: Leadership*

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**DISCUSSION:**

Sarah Kraum, Senior Transportation Planner, will advise the Bicycle, Pedestrian, and Trails Advisory Committee of any pertinent items not covered on the agenda.

The Space Coast TPO has undergone changes in staff. Due to the changes, projects such as the Southern Brevard Trails Master Plan and Dixon Boulevard Complete Streets Feasibility Study, schedules have been extended. Please see the attached Project Status Report for the latest information.

**REQUESTED ACTION:**

As desired by the BPTAC.

**ATTACHMENTS:**

- [October 2024 Project Status Report](#), Attachment 1
- [DRAFT 2025 Committees & Board Calendar](#), Attachment 2

# Project Status & Updates



October 2024

## Advance 2050 Long Range Transportation Plan

**Project Manager:**  
Sarah Kraum  
sarah.kraum@sctpo.com

**Began: June 2023**

**Estimated Completion:**  
Sept 2025



**Completed Tasks:** Continue Needs List development, began compiling financial resources, development of CFRPM 8 with FDOT.

**Upcoming Tasks:** Working Group review of draft Needs List, promotion of Transportation Tycoon online engagement, begin prioritization of Needs

## Advance 2035 Transit Development Plan

**Project Manager:**  
Laura Carter  
laura.carter@sctpo.com

**Began: June 2023**

**Estimated Completion:**  
Dec 2024



**Completed Tasks:** Development of draft route changes and alternatives, development of draft Implementation Plan and Report, meeting with Subcommittee

**Upcoming Tasks:** Board of County Commissioners Presentation, finalize Implementation Plan and Report

## Intermodal Station Feasibility Study

**Project Manager:**  
Laura Carter  
laura.carter@sctpo.com

**Began: June 2023**

**Estimated Completion: Dec 2024**



**Completed Tasks:** Presentations to: Governing Board, TAC/CAC, and Cocoa City Council

**Upcoming Tasks:** Finalize Report

## State of the System Report and Dashboard

**Project Manager:**  
Laura Carter  
laura.carter@sctpo.com

**Began: May 2024**

**Estimated Completion: Dec 2024**



**Completed Tasks:** Presentations to Governing Board and TAC/CAC

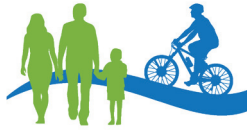
**Upcoming Tasks:** Updates to Dashboard including adding additional data sets, finalize Report

For more information, please email the appropriate project manager.

## Southern Brevard Trails Master Plan

### Project Manager:

Sarah Kraum  
sarah.kraum@sctpo.com



**Began: Oct 2023**

**Estimated Completion: September 2025**

**Completed Tasks:** Updates to draft trail network, coordination with BPTAC, continued development of public workshops, development of draft prioritization methodology

**Upcoming Tasks:** Continued development of public workshops, development of data driven prioritization

## North Merritt Island Pioneer Trail Feasibility Study

### Project Manager:

Sarah Kraum  
sarah.kraum@sctpo.com



**Began: March 2023**

**Estimated Completion: September 2025**

**Completed Tasks:** Field review of preferred alternative, environmental screening and review

**Upcoming Tasks:** Development of preferred alternative recommendations, continued environmental and drainage screening, Project Working Group Meeting

## Mobility On Demand Analysis

### Project Manager:

Laura Carter  
laura.carter@sctpo.com



**Began: Dec 2023**

**Estimated Completion: March 2025**

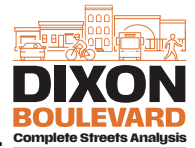
**Completed Tasks:** Meetings with County management and municipal stakeholders

**Upcoming Tasks:** Meetings with municipal stakeholders regarding potential MOD zones, development of potential MOD service

## Dixon Boulevard Complete Streets Analysis

### Project Manager:

Sarah Kraum,  
sarah.kraum@sctpo.com



**Notice to Proceed Issued: May 2024**

**Estimated Completion: Dec 2025**

**Completed Tasks:** Project Working Group Meeting, Field Review, future conditions analysis, existing conditions analysis

**Upcoming Tasks:** Finalize future conditions analysis and existing conditions analysis

## UPCOMING PUBLIC ENGAGEMENT:

### Winter 2025:

- Late Jan/Early Feb: Southern Brevard Trails Master Plan Public Workshops
- February 3rd: North Merritt Island Pioneer Trail Presentation at the North Merritt Island HOA

### Spring 2025:

- March: North Merritt Island Pioneer Trail Public Workshop
- May: Advance 2050 Long Range Transportation Plan Cost Feasible Public Comment Period



**DRAFT**

# 2025 Meeting Calendar

January					February					March					April					May				
MON	TUE	WED	THU	FRI	MON	TUE	WED	THU	FRI	MON	TUE	WED	THU	FRI	MON	TUE	WED	THU	FRI	MON	TUE	WED	THU	FRI
		1	2	3																				
6	7	8	9	10	3	4	5	6	7	3	4	5	6	7	3	4	5	6	7	3	4	5	6	7
13	14	15	16	17	10	11	12	13	14	10	11	12	13	14	10	11	12	13	14	7	8	9	10	11
20	21	22	23	24	17	18	19	20	21	17	18	19	20	21	14	15	16	17	18	12	13	14	15	16
27	28	29	30	31	24	25	26	27	28	24	25	26	27	28	28	29	30			20	21	22	23	24
																				27	28	29	30	31

June					July					August					September					October				
MON	TUE	WED	THU	FRI	MON	TUE	WED	THU	FRI	MON	TUE	WED	THU	FRI	MON	TUE	WED	THU	FRI	MON	TUE	WED	THU	FRI
2	3	4	5	6	7	8	9	10	11	4	5	6	7	8	1	2	3	4	5	1	2	3	4	5
9	10	11	12	13	14	15	16	17	18	11	12	13	14	15	8	9	10	11	12	6	7	8	9	10
16	17	18	19	20	21	22	23	24	25	18	19	20	21	22	15	16	17	18	19	13	14	15	16	17
23	24	25	26	27	28	29	30	31		25	26	27	28	29	22	23	24	25	26	20	21	22	23	24
30																				27	28	29	30	

November					December				
MON	TUE	WED	THU	FRI	MON	TUE	WED	THU	FRI
3	4	5	6	7	8	9	10	11	12
10	11	12	13	14	15	16	17	18	19
17	18	19	20	21	22	23	24	25	26
24	25	26	27	28	29	30	31		

Meeting Questions? Call (321) 690-6890  
View Agenda Center: [www.sctpo.com](http://www.sctpo.com)

Typically, no TAC/CAC/ TPO Board meetings are held during January, June, August or November.

\*Meeting Start at 2:30 p.m.

Drafted: October 15, 2024

### Meeting Key:

- SCTPO Governing Board**  
Thursdays, 1:30 p.m.  
Center for Collaboration  
1100 Rockledge Blvd.  
Rockledge, FL 32955
- Bicycle, Pedestrian, and Trails Advisory Committee (BPTAC)**  
Last Monday of Month, 5:30 - 7:00 p.m.  
Viera Govt. Center 2725  
Judge Fran Jamieson Way  
Florida Room, Bldg. C  
Melbourne, FL 32940

- Technical & Citizens Advisory Committee (TAC/CAC)**  
Mondays, 9:30 - 11:30 a.m.  
Center for Collaboration  
1100 Rockledge Blvd.  
Rockledge, FL 32955
- Transportation Disadvantaged Local Coordinating Board (TDLCB)**  
Mondays, 10:30 a.m. - 12:00 p.m.  
Viera Govt. Center  
2725 Judge Fran Jamieson Way  
Space Coast Room, Bldg. C  
Melbourne, FL 32940

**CONSENT  
ITEM NUMBER 4.A**

**Approval RE: Bicycle, Pedestrian, and Trails Advisory Committee Meeting Minutes -  
June 24, 2024**

*For further information, please contact: [zoe.mcneely@sctpo.com](mailto:zoe.mcneely@sctpo.com)  
Strategic Plan Emphasis Area: Leadership*

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**DISCUSSION:**

Staff has prepared draft minutes for the Bicycle, Pedestrian, and Trails Advisory Committee (BPTAC) from their meeting conducted on June 24, 2024.

**REQUESTED ACTION:**

Approve Bicycle, Pedestrian, and Trails Advisory Committee meeting minutes from June 24, 2024.

**ATTACHMENTS:**

- [Draft Bicycle, Pedestrian, and Trails Committee Meeting Minutes](#), Attachment 1



## Bicycle, Pedestrian, and Trails Advisory Committee

Viera Government Center  
Florida Room, Bldg. C, 3<sup>rd</sup> Floor



Meeting Date: Monday, June 24, 2024  
5:30 P.M.

### MEETING MINUTES

#### Agenda

#### 1. Call to Order and Pledge of Allegiance

#### 2. Public Comment (non-agenda items only)

*Anyone wishing to make a comment on an item not on the agenda should complete a "speaker card" at the sign-in desk. For items on the agenda, please fill out a "speaker card" and you will be called upon when the item is discussed. Comments are limited to three minutes.*

#### 3. Reports

- A. Executive Director's Report
- B. Trails Report
- C. FDOT Report

#### 4. Consent Agenda (The entire Consent Agenda will be passed in one motion and read aloud for the record)

- A. Approval RE: SCTPO BPTAC Meeting Minutes – April 29, 2024

#### 5. Action Items

- A. Approval RE: Draft FY 25 List of Project Priorities

#### 6. Presentations

- A. Brevard County Housing & Human Services Sharpes Greenway Trail Project

#### 7. Member Comment

#### 8. Adjourn



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### ***BPTAC Committee Members Present:***

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Todd Corwin, *City of Melbourne*  
 Carl Kaiserman, *Citizen of Melbourne*  
 Angelika Keene, *UFIFAS Extension*  
 Lexi Miller, *City of Cape Canaveral*  
 Pete Petyk, *City of Titusville*  
 Jim Scherff, *Space Coast Area Transit*  
 Craig Smith, *Town of Grant-Valkaria*  
 Devin Swanson, *BOCC Public Works*  
 Drew Thompson, *Citizen of Malabar*  
 Frank Watanabe, *City of Palm Bay*  
 Alan Woolwich, *BOCC Housing/Human Services*

### ***Others Present:***

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Laura Carter, *Space Coast TPO Staff*  
 Lindsay Carter, *City of West Melbourne*  
 Debbie Flynn, *Space Coast TPO Staff*  
 Georganna Gillette, *Space Coast TPO Staff*  
 Tonya Holder, *City of Palm Bay*  
 Sarah Kraum, *Space Coast TPO Staff*  
 Zoe McNeely, *Space Coast TPO Staff*  
 Stephanie Phillips, *FDOT*

### ***Item 1. Call to Order and Pledge of Allegiance***

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Angelika Keene, Chair, called the meeting to order at 5:30 p.m. All participated in the Pledge of Allegiance.

### ***Item 2. Public Comment***

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None.

### ***Item 3A. Director's Report***

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Georganna Gillette, Executive Director, advised the Bicycle, Pedestrian, and Trails Advisory Committee of any pertinent items not covered on the agenda.

Georganna Gillette shared that the FY 25 – 29 Transportation Improvement Program and List of Project Priorities will be taken to the Technical and Citizens Advisory Committee and TPO Governing Board meetings in July for approval and adoption. A project status update highlighting current TPO projects, timelines, and project managers was included in the agenda package.

### ***Item 3B. Trails Report***

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Debbie Flynn, Transportation Planner, provided the Trails Report and discussed updates on current trails projects that were recently completed and upcoming activities.

Activities for the North Merritt Island Pioneer Trail Feasibility Study include a field review of preliminary alternatives, refining alignments, and a review of utilities and drainage. Activities for the Southern Brevard Trails Master Plan include developing a draft trail network recommendation and conducting stakeholder meetings.

Alan Woolwich asked if there are preliminary maps for the study area. Debbie Flynn replied that the maps will be reviewed by the working group and then posted to the project website.

Drew Thompson asked for an update on the conversations with project entities. Debbie Flynn replied that the coordination and communication is going well with guidelines from entities such as Florida Power & Light. Sarah Kraum commented that there are working group meetings and public meetings taking place in July and that a more detailed update will be received by the BPTAC in August.

Pete Petyk asked if the trails can be in low lying areas. Debbie Flynn replied that they are working through the typology and that some trails may have water that prevents access to the trail during certain times of year.

### ***Item 3C. FDOT Report***

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FDOT Bicycle & Pedestrian Coordinator, Stephanie Phillips, provided any pertinent information and was available for questions. Updates included the Mobility Week bike lane design contest wrap up. Golfview Elementary School in Rockledge was a winner, and a bike safety presentation took place at the school. Nominations are being accepted for school to be considered for the next Mobility Week in October. In May, FDOT held the inaugural Central Florida Safety Summit. In July, the Florida Pedestrian Bicycle Safety Coalition will meet at in Orlando at the City Hall.

### ***Consent Agenda***

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#### **Item 4A. Approval SCTPO BPTAC Meeting Minutes – April 29, 2024.**

Staff has prepared draft minutes for the Bicycle, Pedestrian, and Trails Advisory Committee (BPTAC) from their meeting conducted on April 29, 2024.

***Motion by Drew Thompson, seconded by Carl Kaiserman to pass the Consent Agenda. Hearing no objections, the motion passed unanimously.***

## Action Items

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### **Item 5A. Approval RE: Draft FY 25 List of Project Priorities**

Sarah Kraum, Senior Transportation Planner, provided an overview of the Draft FY 25 List of Project Priorities. The SCTPO List of Project Priorities (LoPP) are consistent with the goals, objectives, and values of the TPO's adopted Long Range Transportation Plan. Annually the TPO solicits requests for state and federally funded candidate projects from local governments and transportation agencies. Projects are then scored and ranked based upon quantitative criteria.

Pete Petyk asked construction on SR 528 in relation to the SR 401 Bridge. After review of the documentation, it was realized that the project in question is unfunded and there is not a date for construction. Georganna Gillette commented that SR 401 Bridge is in the Cost Feasible Plan but construction on SR 528 is not included in the Cost Feasible Plan. Gillette commented that multiple options are being looked at to gather funding for SR 528 including a potential "mega grant".

***Motion by Devin Swanson, second by Frank Watanabe to approve the FY 25 Draft List of Project Priorities. Hearing no objections, the motion passed unanimously.***

## Presentations

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### **Item 6A. Brevard County Housing & Human Services Sharpes Greenway Trail Project**

Alan Woolwich, Brevard County Housing & Human Services, presented on the Sharpes Greenway Trail Project. The Sharpes Greenway Trail was recently constructed by Brevard County Housing & Human Services to provide a safe off-road linkage from the surrounding neighborhoods and elementary school to the Walter Butler Community Center. The Sharpes Greenway Trail project was funded by the Brevard County Community Development Block Grant (CDBG).

Drew Thompson asked if the lighting was done with solar or through Florida, Power & Light. Alan Woolwich replied that the project used existing electric grid with the community center (FPL) and that energy efficient lighting was used.

Craig Smith commented that it is important to keep in mind that small projects like this make a big impact. Multiple small projects have the potential to connect to each other and have a larger impact on the entire Brevard community.

Pete Petyk commented that the Walter Butler Community Center seems to be an active hub. Alan Woolwich commented about the potential for connectivity to stem from the Community Center.

***Item 7. Member Comment***

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Drew Thompson shared that the Malabar Trails and Greenways Committee was pleased to learn that a fire well installation was approved at the Eagles Nest trailhead in Malabar. The fire well would protect the area and serve as a backup station for immediate water in the event of a wildfire.

Craig Smith commented kudos on the Eagles Nest trailhead fire well project.

***Item 7. Adjourn***

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Hearing no further comment the meeting was adjourned by Angelika Keene at 6:22 p.m.

DRAFT

**PRESENTATIONS  
ITEM NUMBER 5.A**

**Bike/Walk Central Florida - Best Foot Forward Pedestrian Safety Program**

*For further information, please contact: [abby.hemenway@sctpo.com](mailto:abby.hemenway@sctpo.com)*

*Strategic Plan Emphasis Area: Safety*

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**DISCUSSION:**

A representative from Bike/Walk Central Florida, will present on the Best Foot Forward (BFF) Pedestrian Safety Program, which uses engineering, enforcement, and education to get more drivers stopping for people in crosswalks. Over the past decade, driver yield rates at BFF-monitored Central Florida crosswalks have increased from 17% to 50%.

In 2024, in collaboration with FDOT's Target Zero initiative, BFF expanded its program operations into Brevard County. During their presentation, they will review their program methodology and highlight recent crosswalk enforcement efforts across the Space Coast. More information about the BFF program and their results can be found on their website at [www.iyield4peds.org](http://www.iyield4peds.org).

After the presentation, members and attendees are invited to join the SCTPO and BFF by taking it to the streets to participate in a sign waving event on Stadium Parkway, reminding motorists to yield for pedestrians!

**REQUESTED ACTION:**

As desired by the Space Coast BPTAC.

**ATTACHMENTS:**

- [Bike Walk Central Florida BFF Presentation Slides](#), Attachment 1

**Best Foot Forward**  
for pedestrian safety

**TARGET ZERO**  
PEDESTRIAN & BICYCLE SAFETY

**Best Foot Forward**  
for pedestrian safety

## One of the Most Dangerous Regions in U.S.

Best Foot Forward  
for pedestrian safety

### 2024 Most Deadly Metro Areas in the US

Rank	Metro area	Average ped deaths/100k per year	Rank	Metro area	Average ped deaths/100k per year
1	Memphis, TN-MS-AR	5.14	12(t)	Riverside-San Bernardino-Ontario, CA	3.46
2	Albuquerque, NM	4.83	14	Miami-Fort Lauderdale-Pompano Beach, FL	3.44
3	Tucson, AZ	4.16	15	Jacksonville, FL	3.40
4	Bakersfield, CA	3.99	16	Cape Coral-Fort Myers, FL	3.29
5(t)	Deltona-Daytona Beach-Ormond Beach, FL	3.96	17	North Port-Sarasota-Bradenton, FL	3.27
5(t)	Baton Rouge, LA	3.96	18	Orlando-Kissimmee-Sanford, FL	3.26
7	Fresno, CA	3.89	19	Stockton, CA	3.23
8	Tampa-St. Petersburg-Clearwater, FL	3.75	20	Sacramento-Roseville-Folsom, CA	3.15
9	Charleston-North Charleston, SC	3.66	21(t)	Lakeland-Winter Haven, FL	3.12
10	Little Rock-North Little Rock-Conway, AR	3.63	21(t)	New Orleans-Metairie, LA	3.12
11	Palm Bay-Melbourne-Titusville, FL	3.47	23	Phoenix-Mesa-Chandler, AZ	3.10
12(t)	Columbia, SC	3.46	24	Jackson, MS	2.98

**Florida metro areas are ranked among the most dangerous for pedestrians in the nation according to Smart Growth America's Dangerous by Design reports**

**TARGET ZERO**  
PEDESTRIAN & BICYCLE SAFETY

**1**

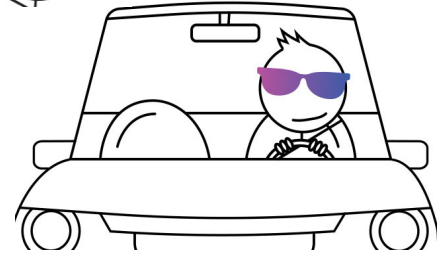
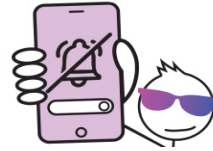
**Best Foot Forward**  
for pedestrian safety

## Contributing Factor: Distracted Driving



# MULTITASKING

**DRIVE TIME IS YOU TIME**  
Ride with **DO NOT DISTURB**



2



## Speeding & Aggressive Driving



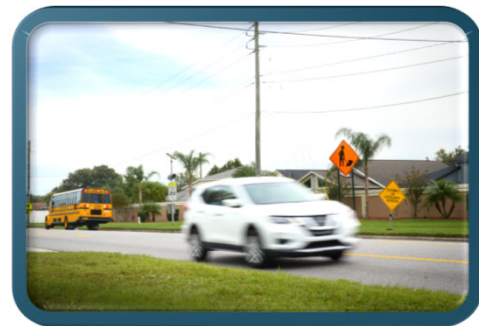
- Our roads are built for moving cars fast. Many of our communities' speed limits have not been updated to reflect development in the area.



**1 out of 10** survives




**9 out of 10** survive



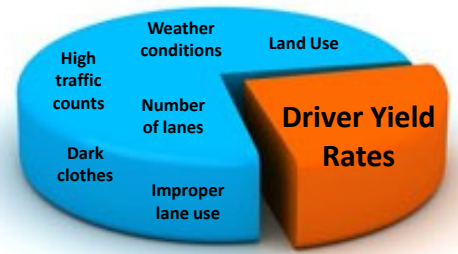
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## Changing the Culture of Drivers vs. Walkers



Best Foot Forward  
for pedestrian safety




**Driver Yield Rates**

Focus on one behavior to monitor, measure, & change


**BFF Program Vision:**

**IF** we increase the rate of drivers that stop for pedestrians in crosswalks...


**THEN** ...more pedestrians will cross in crosswalks.



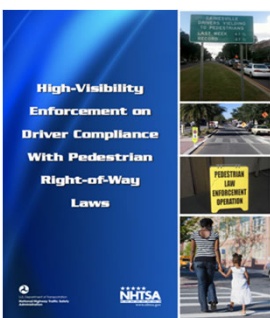
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## Changing the Culture of Drivers vs. Walkers

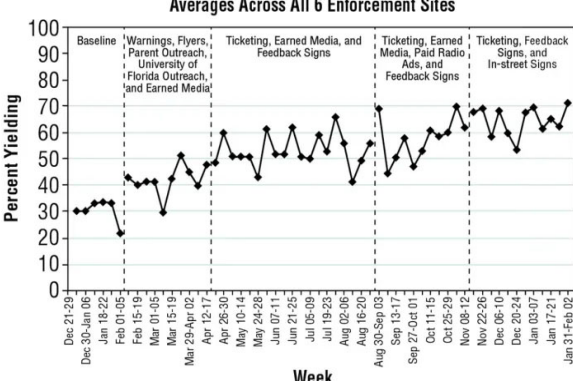


Best Foot Forward  
for pedestrian safety

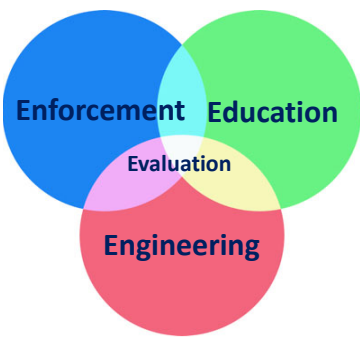



**2013 NHSTA Study: Percent of Drivers Yielding to Pedestrians**

Averages Across All 6 Enforcement Sites




Week	Percent Yielding
Dec 21-28	30
Jan 05-11	32
Jan 18-24	35
Feb 01-07	25
Feb 15-19	40
Mar 01-05	42
Mar 15-19	30
Mar 29-Apr 02	45
Apr 12-17	48
Apr 26-30	60
May 10-14	50
May 24-28	55
Jun 07-11	45
Jun 21-25	60
Jul 05-09	50
Jul 19-23	55
Aug 06-10	65
Aug 20-24	40
Aug 30-Sep 03	70
Sep 13-17	45
Sep 27-Oct 01	50
Oct 11-15	60
Oct 25-29	65
Nov 08-12	70
Nov 22-26	65
Dec 06-10	55
Dec 20-24	65
Jan 03-07	60
Jan 17-21	65
Jan 31-Feb 04	70

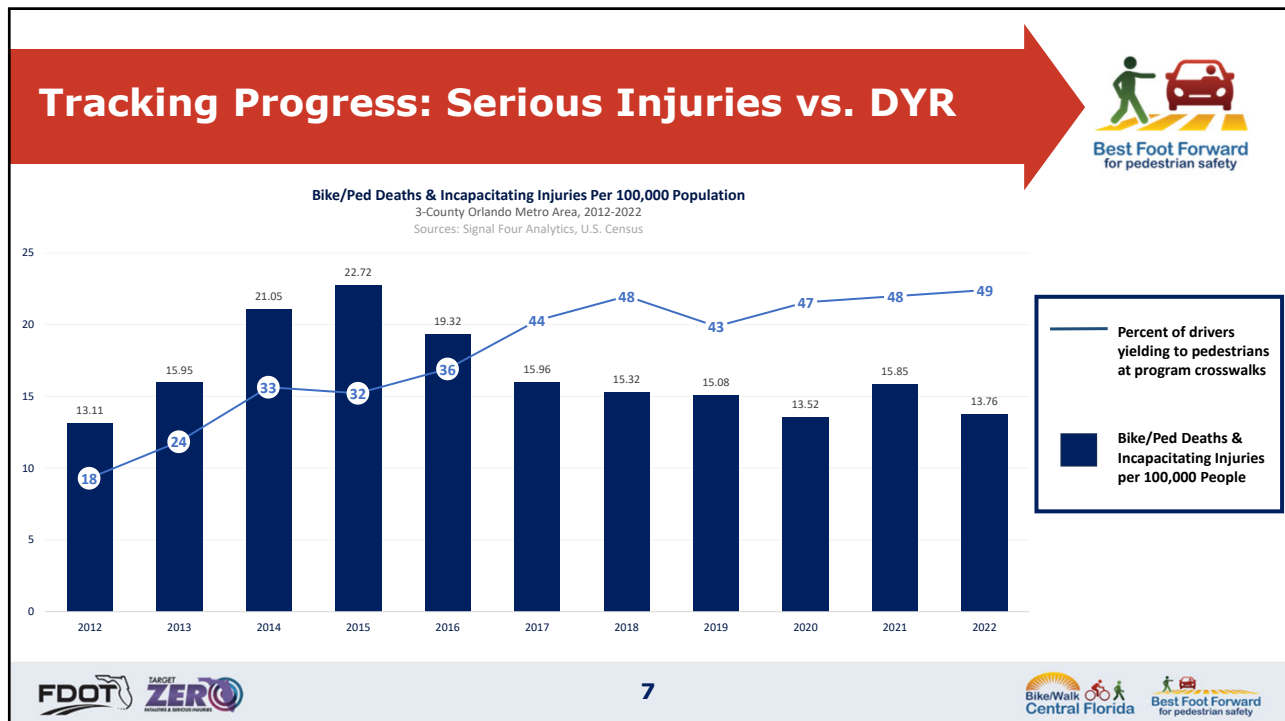
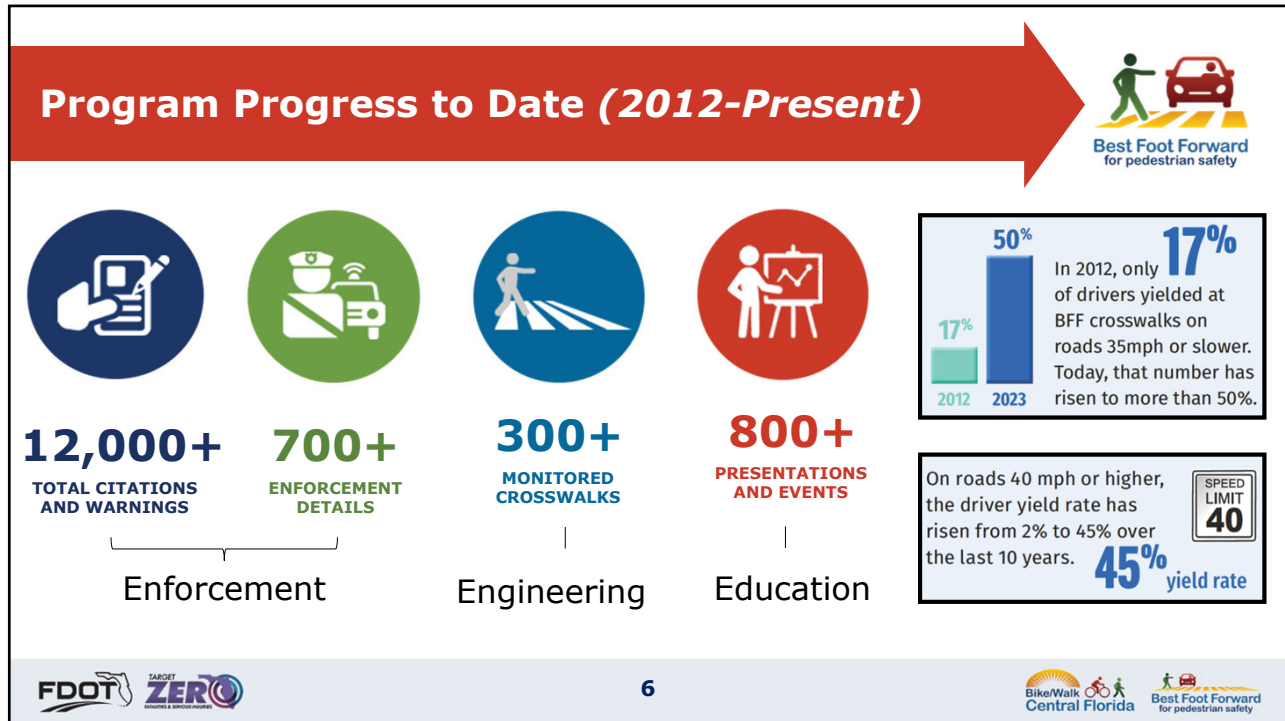




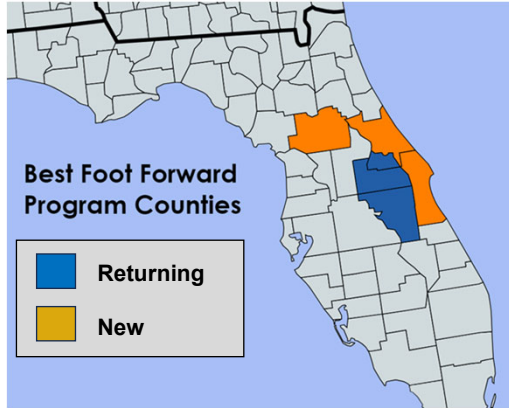
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# Growing a Multi-County Footprint



## Best Foot Forward Partners




School Districts & Health Departments of Brevard, Marion, Orange, Osceola, Seminole, and Volusia Counties



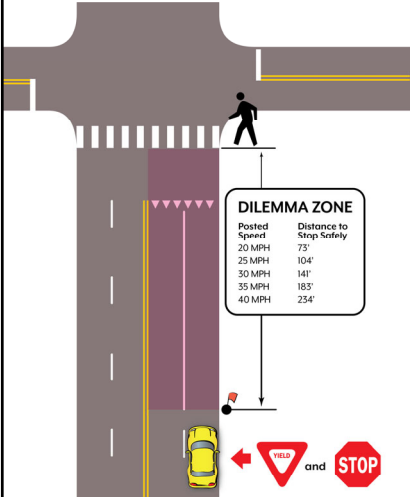
# THE 4-E APPROACH: BREVARD COUNTY



## Evaluate: Collecting Driver Yield Rate Data





Best Foot Forward  
for pedestrian safety





Posted Speed	Distance to Stop Safely
20 MPH	75'
25 MPH	104'
30 MPH	141'
35 MPH	183'
40 MPH	234'

### BFF Data Collectors:


- Take **photos** of the crosswalk and record **observations**
- Set up **flag markers** at a safe stopping distance for drivers
- Conduct **40 staged crossings** over two times of day
- Return throughout the year to **monitor changes** and collect an average yield rate


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## Evaluate: Collecting Driver Yield Rate Data





Best Foot Forward  
for pedestrian safety

SITE ID & NAME	SITE DETAILS				YIELD RATE
 Best Foot Forward for pedestrian safety	Program Partner	Speed Limit (Wave)	Daily Traffic (Wave)	Travel Lanes (Wave)	FY 23-24 AVG
	Stadium Pkwy. midblock, S. of Judge Fran Jamieson Way	Brevard County	30	N/A	5
N. Wickham Rd. and Trimble Rd.	Brevard County	35	29,500	5	4%
Turtle Mound Rd. & Parkway Dr.	Brevard County	40	6,000	2	26%
N. Atlantic Ave. & Southgate Mobile Homes	Cape Canaveral	25	5,700	2	64%
W. Central Blvd. & Bayside Dr.	Cape Canaveral	20	N/A	2	55%
Florida A1A midblock N. of Antigua Dr.	Cocoa Beach	35	27,500	4	93%
Ocean Beach Blvd. midblock N. of Dixie Ln.	Cocoa Beach	25	2,700	2	72%
Yacht Club Blvd. & Cheyenne Ct.	Indian Harbour Beach	25	N/A	2	66%
FL A1A & Atlantic Blvd.	Indian Harbour Beach	35	22,000	6	18%
Ocean Ave. & Orange St.	Melbourne Beach	30	12,700	2	70%

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## Enforcement: Creating High Visibility



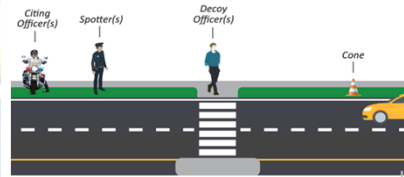
**High visibility enforcements** are an **evidence-based** way to help educate drivers about Florida's driver yield laws.

**How we create high visibility:**

- Creating **press releases** and contacting local broadcast, radio, & print **media**
- Inviting **elected officials** to attend
- Posting full list of locations, dates, and times across Central FL on our **website**
- Promoting the operation through **social media** & our **weekly newsletter**



**EXAMPLE OPERATIONS LAYOUT:**




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## Enforcement: Brevard County



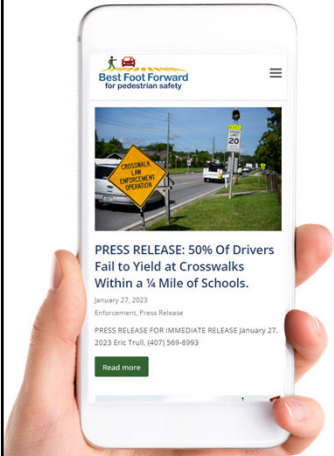
 Best Foot Forward for pedestrian safety	Law Enforcement Agency	FY 23-24 DETAILS	FY 23-24 WARNINGS	FY 23-24 CITATIONS
Stadium Pkwy. midblock S. of Judge Fran Jamieson Way	Brevard Sheriff	3	14	70
N. Atlantic Ave. & Southgate Mobile Homes	BCSO Cape Canaveral	3	18	5
Washington Ave. & Rosalind Ave	BCSO Cape Canaveral	2	1	0
W. Central Blvd. & Bayside Dr.	BCSO Cape Canaveral	1	12	0
Yacht Club Blvd. & Cheyenne Ct.	Indian Harbour Beach PD	1	0	0
Yuma Dr. & Cheyenne Dr.	Indian Harbour Beach PD	1	0	1
FL A1A & Atlantic Blvd.	Indian Harbour Beach PD	2	11	21
Ocean Ave. & Orange St.	Melbourne Beach PD	1	11	3
	<b>TOTAL:</b>	<b>14</b>	<b>67</b>	<b>100</b>



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# Educate: Through Digital Channels



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# Presentations & Events: Brevard County



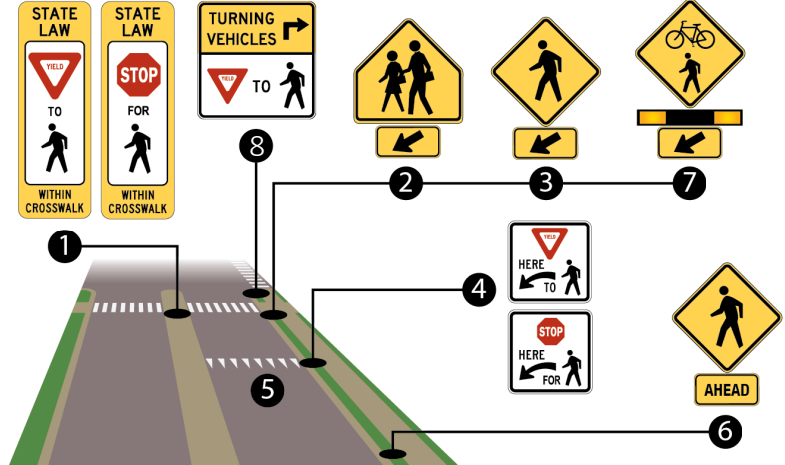
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## Engineer: Recommend Countermeasures




Best Foot Forward  
for pedestrian safety




We create customized **crosswalk improvement plans** that evaluate each crosswalk and recommend potential countermeasures based on the unique characteristics of the location from our observations and data collection


Then we **evaluate the effect** of any new countermeasures



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## Engineer: Recommend Countermeasures



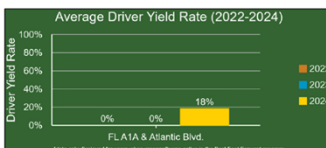
Best Foot Forward  
for pedestrian safety

### CROSSWALK OVERVIEW

Years Monitored: 1  
Speed: 35 mph  
Number of Lanes: 6  
Crossing Type: Semi-controlled  
Average Daily Traffic: 22000  
Average Pedestrians/hour: 5  
Average Cyclists/hour: 3  
Ped Crashes within 70 ft: 1

**Operation Best Foot Forward**

2 Details    11 Warnings    21 Citations



### Data Collector Observations:


- Moderate percentage of drivers (32 - 64%) yield to pedestrians at this crosswalk
- High pedestrian activity in the immediate area (>20 per hr. avg.)
- Maximum speed recorded on pocket radar was 50 MPH (in a 30 MPH zone)
- Crosswalk is also commonly used by golf carts, including by students at the nearby schools
- No street lighting near the crosswalk
- Large refuge in the middle adds comfort and safety for pedestrians
- In spring 2024, the crosswalk markings were delineated to make them more visible, and Stop Here for Peds signs were added with stop bars. This improved driver compliance during the following enforcement
- In summer 2024, the northbound 30 mph speed limit sign was moved back to the location of the 40 mph that was shortly ahead of it. Yield rates improved to 65% on the most recent data collection in August, after multiple engineering improvements and multiple enforcements

### EXISTING COUNTERMEASURES


School Crossing + Arrow (S1-1)	
PED Crossing + Ahead	X
PED Crossing + Arrow	X
Vertical State Law (n-street)	X
Vertical State Law (off-street)	X
Yield Here to PED (R1-5)	
Stop Here for PED (R1-5b)	X
Advance Stop/Yield Markings	X
Turning Vehicles Yield (R10-15)	
Special Emphasis Markings	X
Refuge Island	X
Raised Median	X
ADA Compliant	X
RRFB	
Other	

### COUNTERMEASURE RECOMMENDATIONS

- Install pedestrian crossing W11-2 signs in median as well to bring extra visibility to the crosswalk. The existing State Law sign can be mounted under the W11-2 sign (TEM 5.2)
- Install vertical in-street signage (State Law: Stop for Peds, R1-5a) before crosswalk to encourage slower speeds and increase visibility of crosswalk (TEM 5.2)
- Add street lighting near the crosswalk to improve visibility at night and early morning



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# Tracking Effects of Engineering & Enforcement



**Cape Canaveral: N Atlantic Ave. at Southgate Mobile Homes**



- 3 enforcements with 23 warnings & citations
- New flexible delineators around crosswalk
- January: **42%** DYR    September: **71%** DYR

**Brevard: Stadium Pkwy. midblock, S. of Judge Fran Jamieson Way**



- 3 enforcements with 84 warnings & citations
- New "Stop Here" signs with stop bars
- January: **52%** DYR    September: **65%** DYR



# Promoting Visibility of Program Crosswalks





**Emily Bush**  
Executive Director  
Emily@bikewalkcf.org



**Kayla Mitchell**  
Operations Director  
Kayla@bikewalkcf.org



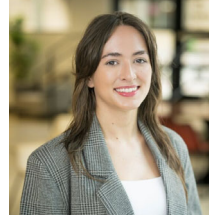
**Patrick Panza**  
Programs Director  
Patrick@bikewalkcf.org



**Vince Dyer**  
Program Manager  
Vince@bikewalkcf.org



**Kenzie Anderson**  
Program Coordinator  
Mackenzie@bikewalkcf.org



**Jenna Mousseau**  
Outreach Coordinator  
Jenna@bikewalkcf.org

## Questions?

Contact our outreach team and visit us on our website & social media pages:



**@BestFootCFL**



**@BikeWalkCFL**







# SPACE COAST TRANSPORTATION PLANNING ORGANIZATION GLOSSARY OF TERMS

## Acronyms and Abbreviations

<u>Acronym</u>	<u>Full Name</u>
ADA	Americans with Disabilities Act
AMPO	Association of Metropolitan Planning Organizations
ATMS	Advanced Traffic Management System
BMBA	Brevard Mountain Bike Association
BOCC	Board of County Commissioners
BPTAC	Bicycle/Pedestrian and Trails Advisory Committee
CAC	Citizens Advisory Committee
CFMPO	Central Florida Metropolitan Planning Organization
CIGP	County Incentive Grant Program
CMS	Congestion Management System
CRA	Community Redevelopment Agency
CTST	Community Traffic Safety Team
ECFRPC	East Central Florida Regional Planning Council
ECRRT	East Central Florida Regional Rail Trail
EPA	Environmental Protection Agency
ETDM	Efficient Transportation Decision Making
FAST ACT	Fixing America's Surface Transportation Act
FDOT	Florida Department of Transportation
FEC	Florida East Coast Railroad
FHWA	Federal Highway Administration
FM	Financial Management
FS	Florida Statute
FTA	Federal Transit Administration
FY	Fiscal Year
GIS	Geographical Information System
GMSC	Growth Management Subcommittee
GPC	General Planning Consultant
G/W	Goes With
ITS	Intelligent Transportation System
LAP	Local Agency Program
LOGT	Local Option Gas Tax
L RTP	Long Range Transportation Plan
MAP-21	Moving Ahead for Progress in the 21 <sup>st</sup> Century
MPO	Metropolitan Planning Organization
MPOAC	Metropolitan Planning Organization Advisory Council
PD&E	Project Development & Environment
PPP	Public Participation Plan
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SCAT	Space Coast Area Transit
SJHP	St. John's Heritage Parkway
SJRWMD	St. Johns River Water Management District
SR	State Road
SU	Surface Transportation Block Grant Program Urban
TAC	Technical Advisory Committee
TDP	Transit Development Plan
TDLCB	Transportation Disadvantaged Local Coordinating Board
TIP	Transportation Improvement Program
TPO	Transportation Planning Organization
TRIP	Transportation Regional Incentive Program
UPWP	Unified Planning Work Program



# Space Coast Transportation Planning Organization Bicycle, Pedestrian, & Trails Advisory Committee Strategic Plan

Approved May 16, 2024.

**MISSION:** To collaboratively review plans and make recommendations to the Space Coast TPO Governing Board to improve bicycle, pedestrian, and trail facilities and enhance multimodal connections for people of all ages, incomes, and abilities.

**CORE VALUES:** Safety. Equity. Innovation.

## Leadership

Represent and promote the Space Coast TPO

### BPTAC Role:

- Report BPTAC activities to City/Town Manager or TAC Representative
- Attend Public Meetings and make formal comments
- Share TPO social media posts and news

**Potential Supporting Activities:** Joint meeting with IRCMPO BPTAC, presentation from Office of Greenways & Trails on their programs and economic impact of trails, trusts for trails



## Safety

Implement a safe transportation system for all users

### BPTAC Role:

- Champion Vision Zero
- Support innovative safety counter measures

**Potential Supporting Activities:** Develop Vision Zero and counter measure fact sheet, provide Vision Zero updates and data



## Linking Transportation & Land Use

Plan a network that provides transportation choices

### BPTAC Role:

- Participate in the development of plans and programs

**Potential Supporting Activities:** Sidewalk Gap Analysis, Southern Brevard Trails Master Plan, North Merritt Island Pioneer Trail Feasibility Study, Dixon Road Complete Street Analysis, Municipal Updates Presentation



## Resiliency & Sustainability

Plan for a resilient and sustainable transportation system

### Priority Actions:

- Participate in the development of plans and programs

**Potential Supporting Activities:** Consider transit connectivity regarding Sidewalk Gap Analysis, Resiliency Corridor Studies



## Technology & Data

Implement technology to enhance reliability of the transportation system

### Priority Actions:

- Understand and share data trends and new technologies

**Potential Supporting Activities:** Provide reports when bike/ped counts are conducted, presentation from FDOT on Non-Motorized Count Program, Presentation on new technologies such as video recognition, automation, and leading pedestrian signals

