

Florida Pedestrian and Bicycle Safety Coalition Meeting Report

April 8 - 9, 2025

Orlando City Hall, Orlando, FL



*Prepared for the Florida Department of
Transportation
5-29-2025*



Attendees

Coalition Members & Program Management Support:

Last Name	First Name	Agency	Attendance
Acosta- Anderson	Libertad	FDOT District Five	✓
Alluri	Priyanka	Florida International University	<input type="checkbox"/>
Amicarelli	Mariano	FDOT District Four	✓
Askins	Jon	Florida LEL Program	✓
Avola-Brown	Michelle	Naples Pathway Coalition	<input type="checkbox"/>
Babcock	Gina	National Coalition for Safer Roads	<input type="checkbox"/>
Bhattacharya	Poorna	ASHA Planning Consultancy	✓
Blais	Jasmine	Kittelson & Associates, Inc.	✓
Bobo	Loreen	FDOT District Five	✓
Borms	Jotan	FDOT – TDA	✓
Bracken	Tara	FDOT Transit Office	✓
Brown	Mark	Broward MPO	<input type="checkbox"/>
Bryant	Curtis	Creative Fuel, LLC	✓
Burgess	Kevin	FHWA Florida Division	<input type="checkbox"/>
Bush	Emily	Bike/Walk Central FL	✓
Caldwell	Allie	FDOT Central Office	✓
Cerame	Caitlin	City of Pensacola	<input type="checkbox"/>
Cerulli	Ronda	Florida Department of Health	✓
Chico	Lina	Orlando Health-Arnold Palmer Hospital for Children	✓
Corkery	Terrence	FDOT Central Office	✓
Craig	Chris	FDOT Central Office	✓
Crescenzi	Tara	Florida Highway Patrol	✓
Crosby	Dana	FDOT Central Office	<input type="checkbox"/>
Discepolo	Isabella	HCA Bayonet Point Hospital-Trauma Center	✓
Duran	Emmeth	FDOT District Seven	✓
Fall	Matthew	City of Jacksonville	✓
Feinberg	Rory	FDOT District Six	✓
Fellerhoff	Christopher	Hillsborough County	<input type="checkbox"/>
Frank	Jason	Sarasota Police Department	✓
Galloway	Alicia	FDOT Central Office	✓
Garcia	Migdalisis	Florida Highway Patrol	✓
Giroux	Rupert	FDOT Central Office	<input type="checkbox"/>
Gray	Andrew	JMT (on behalf of FDOT District Seven)	✓
Gray	Ray	Florida Department of Education	<input type="checkbox"/>
Gruener	Leilani	FLHSMV	✓
Gutierrez	Ricardo	Broward MPO	✓
Hackett	Jensen	FDOT District Seven	✓
Hardwicke	Laura	City of Orlando	✓
Hawk	David	FHWA – Florida Division	<input type="checkbox"/>

Henwood	Jessica	Health First	✓
Horst	Timothy	City of Tampa	✓
Karron	Annely	FDOT District Two	✓
Katz	Eric	FDOT Central Office	✓
Kehres	Katherine	FDOT District Four	✓
Knox	Dana	FHWA – Florida Division	<input type="checkbox"/>
Kristiansen	Angela	Kittelson & Associates, Inc.	✓
Lewis	Michael	FDOT District Three	✓
Marquez	Kevin	FDOT District Five	✓
McDaniel	Gevin	SpanPath, LLC	✓
Mello	Megan	Kittelson & Associates, Inc.	✓
Merkle	Tanya	FDOT District One	<input type="checkbox"/>
Miller	Chris	FL Highway Patrol	<input type="checkbox"/>
Morgan	Erin	FDOT Central Office	<input type="checkbox"/>
Morphy	Kelly	Florida Bicycle Association	<input type="checkbox"/>
Morris	Jaqueline	FDOT Roadway Design Office	✓
Nandam	L.K.	FDOT District One	✓
Phillips	Stephanie	FDOT District Five	✓
Quenneville	Kristina	FL Highway Patrol	<input type="checkbox"/>
Railey	Brett	IPTM	✓
Reinhardt	Ken	AARP Florida	✓
Reiser	James	Florida LEL Program	✓
Rendon	Patricia	Space Coast TPO	✓
Robbins	Keith	FDOT District One	✓
Rodrigues-Silva	Karla	Dept. of Transportation/City of Gainesville	✓
Roeder	Alexandria	Tampa General Hospital	✓
Russo	Tina	FDOT District Seven	✓
Severyn	Josette	Broward County Florida	✓
Sheppard	Derwood	FDOT Central Office	<input type="checkbox"/>
Silva	Lisa	Hillsborough County MPO	✓
Simpson	Kyle	Forward Pinellas	✓
Simpson	Paul	University of Florida –PedBike SRC	✓
Smith	Kim	Space Coast TPO, Retired	✓
Suguri	Vitor	FDOT District One	✓
Sully	Thuraia	FDOT Systems Implementation Office	✓
Tangvik	Sol	Palm Beach TPA	✓
Teague	Michael	Florida Police Chief’s Association	<input type="checkbox"/>
Torres	Lauren	National Safety Council	<input type="checkbox"/>
Torres	Stephanie	St Lucie TPO	✓
Walford	Kevin	Miami-Dade TPO	<input type="checkbox"/>
Wall	Kathy	Safe Kids Palm Beach County	✓
Wandall	Melissa	National Coalition for Safer Roads	✓
Williams	Angel	IPTM	✓
Zenoni	Scott	Health First	<input type="checkbox"/>

Coalition Guests:

Last Name	First Name	Agency	Attendance
Brazeal	Devon	AtkinsRéalís	✓
Carver	DeWayne	Kittelsohn & Associates, Inc.	✓
Champlin	Lindsey	AAA	✓
Devastey	Kristof	Fehr & Peers	✓
Ehmer	James	Kittelsohn & Associates, Inc.	✓
Fuentes	Jesus	Miami-Dade TPO	✓
Greco	Michael	City of Orlando	✓
Green	Daphne	City of Orlando	✓
Harris	Michele	AAA	✓
McLeod	Peyton	FDOT District One	✓
Patterson	Rain	FDOT District Five	✓
Rodriguez	Ananyeliz	FDOT District Five	✓
Sadhai	Rohan	ASHA Planning	✓
Wilson	Mighk	MetroPlan Orlando	✓

Tuesday, April 8, 2025

Call To Order – Chris Craig, FDOT Traffic Safety Administrator

The meeting was called to order at 1:00 PM by Chris Craig. Chris highlighted key points from the meeting agenda, expressed gratitude to the Coalition for their dedication to safety, and warmly welcomed new members and guests.

Meeting Dedication in Honor of Margaret Raynal – Angela Kristiansen, Kittelson & Associates (*see Appendix B for slides*)

The meeting was dedicated to the memory of Margaret Raynal, who lost her life in a bike crash in 1996.

In the 1990's, Margaret E. Raynal was a statewide bicycle safety trainer for the Florida Traffic and Bicycle Safety Education Program at the University of Florida. As part of her job, she instructed teachers and law enforcement officers in proper bicycle techniques so that they could teach safety to children. She was also an enthusiastic promoter of the campaigns that helped establish the law requiring children under the age of 16 to wear helmets while riding bikes.

Tina Russo and Mighk Wilson shared some of their memories of Margaret as part of the dedication.

Announcements – Angela Kristiansen, Kittelson & Associates; Chris Craig, FDOT Traffic Safety Administrator

Angela shared logistical updates and a link to legislative tracking updates via the coalition Teams channel under the Policy channel [files](#).

Chris provided an update on NHTSA grant funding as it relates to the coalition. FDOT is keeping a close eye on changes at the federal level, and Chris has not yet seen any indicators that safety coalition funding will be cut. Florida's processes are well prepared for federal audits.

Angela shared that the Data team created a [Glossary of Terms](#) related to Ped Bike Safety and a draft of [Data Sources](#) for crash analysis reporting. Both documents are available on the Teams channel and the Glossary of Terms is available on the Alert Today website. Coalition members were asked to provide comments on the Data Sources document by April 30. Gevin McDaniel recommended cross-checking the glossary with the FDOT Glossary of Terms.

Coalition Members Introductions – All Attendees

Coalition members and guests then briefly introduced themselves, sharing their organization and role.

Non-Motorized Traffic Monitoring Dashboard – Jotan Borms, FDOT Transportation Data Analytics Office (*see Appendix B for slides*)

Jotan provided an update on non-motorized traffic monitoring including FDOT permanent counts. Jotan provided an overview of the [PowerBI Dashboard](#), which is updated daily. The dashboard has multiple views for data visualization. Data can be filtered by location and provides information on the routes and equipment used for monitoring.

Jotan clarified that counters categorize micromobility as “motorized vehicles,” separate from pedestrians and bicycles. This categorization is based on vehicle speed and length. New installation

locations can be proposed [here](#). State Roads are currently prioritized, but other locations can be proposed.

FDOT District Spotlights – Annely Karron, District 2 and Michael Lewis, District 3 (*see Appendix B for slides*)

Megan gave a brief introduction to the history of FDOT District Champions for Pedestrian and Bicycle Safety.

Annely Karron highlighted recent projects in St. Augustine and Gainesville. In St. Augustine, green bike lanes were implemented at US-1 and SR-312. In Gainesville, pedestrian and cyclist safety improvements were constructed along West University Avenue at the stadium entrance, NW 19th street, NW 16th, NW 14th St, and University Ave. and 13th St. intersections.

The Target Zero Communications team completed several outreach events and distributed several materials for distribution, including:

- Safety event campaign video with the University of Florida Police Department that will be shown to incoming freshman and parents at orientation
- Bike/Ped safety materials shared at local libraries and schools
- A tip card on bicycle awareness produced for the University of Florida
- E-Bike safety recommendations
- A mobility week event at Oakleaf Village Elementary School in Clay County

Questions and discussion from coalition members focused on the use of blank out signs, where to find safety resources for children, and the West University Avenue project.

Michael Lewis shared highlights from events that were held over the past year, along with information about recent District 3 projects, including:

- Carrabelle Mid-Block Pedestrian Signal
- Short- and Long-term Cervantes Street Safety Improvements
- US 90 (Tennessee St) in Tallahassee

2025 FDOT Design Manual Updates – Allie Caldwell, FDOT Roadway Design Office (*see Appendix B for slides*)

Allie provided a summary of updates to the FDOT Design Manual related to bike/ped design, including changes to:

- Glossary of Terms
- Speed Management
- Arterials and Collectors
- Modern Roundabouts
- Lighting
- Pedestrian Facilities
- Bicycle Facilities
- Shared Use Paths

There was a group discussion on the use of sharrows and whether cyclists are permitted to use the sidewalk if sharrows are present. It was suggested that some educational materials could educate the

general public on this matter. The Planning, Design, and Operations group planned to discuss this topic in more detail during their breakout session.

Implementation Plan Updates – Megan Mello, Kittelson & Associates, Inc.

Megan shared team progress and introduced the agenda for breakout sessions.

Breakout Session: 2025 Emphasis Area Plans and Priorities

Emphasis area teams met to discuss their respective implementation plans.

Regroup: Collaboration Needs – Coalition Team, Goal Leaders

The emphasis area teams reported back on their collaboration needs for Day 2.

Public Comment Period

Emmeth Duran shared thoughts on the move over law and recommended the coalition think about how to educate the public on the 3 ft passing law, such as using creative ways to demonstrate what 3 feet looks like.

Day 1 Wrap Up

Members and guests were provided with reminders about travel and the optional group dinner.

Wednesday, April 9, 2025

Coffee Talk – Meet & Greet with Coalition Members

Members used this time to connect before the start of the Coalition meeting. Members were encouraged to share stories on how they celebrated Florida's Bike Month.

Call to Order – L.K. Nandam, FDOT District 1 Secretary

The meeting was called to order at 8:30 AM by Secretary Nandam.

Integrated Multimodal Transportation for Communities – Vitor Suguri, Michelle Peronto, Peyton McLeod of FDOT D1 Transit Unit/C3MP (*see Appendix B for slides*)

Vitor introduced the presentation by describing how transportation planning and land use can align to achieve transportation goals for the state.

Michelle introduced C3MP: the Congestion Management Multimodal Initiative. The initial mission of C3MP was to Increase mobility choices/options to decrease/reduce congestion through innovative public transportation solutions and technology. Today, it has expanded to include other modes of transportation. C3MP tries to think outside of the box as if there weren't financial limitations. Michelle shared the goals and process of the program, as well as a few key success stories.

Lisa Silva asked for more information on how comprehensive plans can lead to better multimodal planning. Vitor spoke about the importance of the land use and transportation connection and recommended Manatee County as a good example. Poorna Bhattacharya asked how projects are prioritized and Peyton McLeod offered more details on the analysis.

Ped Safe Trailer Overview and Demo – Kevin Marquez and AtkinsRéalis, FDOT District 5 Traffic Operations (*see Appendix B for slides*)

Kevin provided an introduction to the broader traffic operations team and introduced representatives from AtkinsRéalis, who shared an overview of the Ped Safe program and trailer. Ped Safe originated with a project on Orange Blossom Trail. Devon shared more information on what is included in the trailer and how it has been used at local events. Coalition members then went outside for a demonstration of the trailer's technology and a short signalized intersection activity.

Ped Safe Trailer Debrief

Coalition members shared their experiences from interacting with the trailer and observing pedestrian safety devices at the signalized intersection.

Breakout Session: Collaboration & Partnerships

Megan introduced the agenda for the breakout sessions. Emphasis area teams met to discuss their respective implementation plans. Several groups connected across emphasis areas to discuss topics requiring collaboration.

Emphasis Area Status Updates – Goal Leaders (*see Appendix B for slides*)

- **Communication, Outreach, and Education (Emily Bush):**
 - Closing Out (Jan-April):
 - RRFB Tip Card Revisions Complete
 - Root Cause Tip Card Second Draft

- Initial Website Review
 - Determined Action Items for Mid-Quarter Call
- Coming Up (April-July):
 - Alert Today Website Review
 - Finalize Root Cause Tip Card
 - Children’s version of Root Cause Tip Card (Pending info from Data team)
 - Implementation Plan Clean Up
 - Prioritizing HVE Distribution Tip Cards
- **Data, Analysis, & Evaluation (Poorna Bhattacharya):**
 - Closing Out (Jan-April):
 - Bike/Ped Performance Metrics Guide
 - Data Sources Compilation
 - Glossary of Terms (GOT)
 - Geolocation Coordination with law enforcement
 - [Map of Non-motorized projects](#)
 - Coming Up (April-July):
 - Mapping of safety countermeasures
 - Comparison of FDOT Glossary of Terms to Data team Glossary of Terms
 - Document signature safety projects from District and offer summary of before/after data
 - Brief of findings and data gaps that can be shared within the Coalition
 - LPI location identification
 - Implementation Plan Update
- **Driver Education & Licensing and Legislation, Regulation & Policy (Stephanie Torres):**
 - Closing Out (Jan-April):
 - Implementation Plan Revisions
 - Champions Letter Review
 - Coming Up (April-July):
 - Case Studies – Best Practices Trail Oriented Developments / Pedestrian Bicycle Friendly Projects
 - Data Analysis of Permission Left Turn Crashes
 - Sharrows – Collaborate with Engineering team
 - Temporary Traffic Control (TTC) for Pedestrians & Bicyclists during construction
- **Emergency Medical Services (Isabelle Discepolo):**
 - Closing Out (Jan-April):
 - Data review from health department
 - Working with EMS Medical Directors can drive importance of Ped/Bike education in the community
 - Coming Up (April-July):
 - Determine where Emergency Vehicle Preemption is being used and what drove them to implement change – will meet to learn more about D5 Preemption Pilot
 - Locate trauma centers in top 3 counties to connect local EMS Injury Prevention teams.
 - Provide readily available resources to EMS Injury Prevention Teams

- Provide feedback to EMS agencies in top 3 counties on importance of documenting if helmets were used and if device was motorized for data collection.
- **Law Enforcement (Jason Frank):**
 - Closing Out (Jan-April):
 - Nothing new closed from Jan-April
 - Coming Up (April-July):
 - Tip Card Revisions
 - Training (Micromobility)
 - GIS Layer of Jurisdictional Boundaries
- **Planning, Design, and Operations (Mariano Amicarelli):**
 - Closing Out (Jan-April):
 - N/A
 - Coming Up (April-July):
 - Statewide real-time operating speeds – *DATA team*
 - Collaboration between offices - information in other manuals about high-speed design for vulnerable road user safety, potential for sharrows guidance/education opportunities in TEM and/or other planning documents
 - More information in manuals on transition zones – between context classifications
 - Predictive analysis / AI data to calibrate near misses. An example in Georgia uses near misses to assign a cost-benefit value to help prioritize improvements. Streamline and develop a common methodology – *DATA team*.
 - Video of near miss can be an effective way to convey to decision makers the need to make safety improvements -- breaks through the data to convey the human element.
 - Planning - how do we plan for better transportation in times of uncertainty/hostility toward planning. It is more than just checking the box. - *POLICY team*
 - White Paper on Pedestrian and Bicycle Safety Projects
 - Transportation Funding - Is there actually "floor" where serious funding investment still create real change? Could this be a case study?
- **Vision Zero (Josette Severyn):**
 - Closing Out (Jan-April):
 - Objective leaders reviewed strategies and tasks and revised and updated each objective in the Implementation Plan
 - Coming Up (April-July):
 - Cleaning up tasks to roll over

Public Comment Period

No public comments were received.

2025 Legislative Tracking – Chris Craig, FDOT Traffic Safety Administrator (*see Appendix B for slides*)

Chris shared that legislative updates are provided biweekly and are available on the Coalition Teams Channel under the Policy channel's [files](#). He provided an overview of several active bills related to traffic safety.

Next Steps – Coalition Management Team

Angela provided some housekeeping items and provided the information and location for the next meeting in Orlando.

Closing Remarks – L.K. Nandam, FDOT District 1 Secretary

Secretary Nandam delivered the closing remarks, briefly reviewing the key points presented during the coalition meeting and thanking everyone for their attendance.

Next Meeting Announcement:

The next Coalition Meeting will be held:

July 29, 2025, 1:00 – 5:30PM

July 30, 2025, 8:00AM – 12:30PM

Embassy Suites Orlando I I-Drive ICON Park
8250 Jamaican Ct
Orlando, FL, 32819

Appendix A – Meeting Agenda



Florida's Pedestrian and Bicycle Safety Coalition

Meeting Agenda

April 8 - 9, 2025 Orlando

Tuesday, April 8, 2025 – General Session 1

1:00 – 1:05 PM	Call to Order – L.K. Nandam, FDOT District 1 Secretary
1:05 – 1:15 PM	Meeting Dedication in Honor of Margaret Raynal
1:15– 1:25 PM	Coalition Meeting Announcements – Kittelson
1:25 – 1:35 PM	Introductions – Coalition Members and Guests
1:35 – 1:50 PM	Non-Motorized Traffic Monitoring Dashboard – Jotan Borms, FDOT TDA
1:50 – 2:00 PM	Safety Terminology – Erin Morgan, FDOT State Safety Office PIO
2:00 – 2:40 PM	FDOT District Spotlights – Annely Karon, District 2 and Michael Lewis, District 3
2:40 – 2:55 PM	BREAK
2:55 – 3:25 PM	2025 FDOT Design Manual Updates – Allie Caldwell, FDOT Roadway Design Office
3:25 – 3:35 PM	Implementation Plan Updates – Megan Mello, Kittelson
3:35 – 5:10 PM	Breakout Session: Emphasis Areas Implementation Plan Working Session – All
5:10 – 5:15 PM	Task Collaboration Needs – Emphasis Area Goal Leaders
5:15 – 5:25 PM	<i>Public Comment Period</i>
5:25 – 5:30 PM	Day 1 Wrap Up

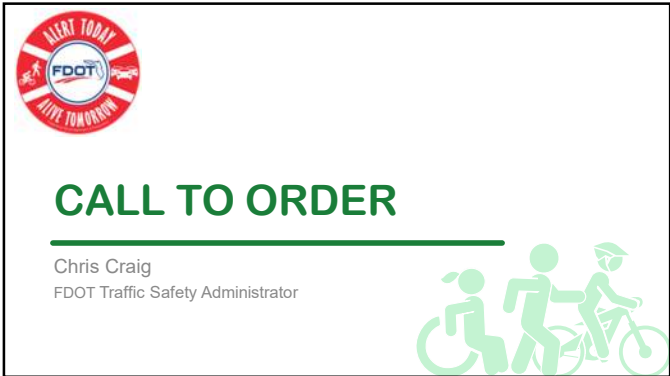
Wednesday, April 9, 2025 – General Session 2

8:00 – 8:30 AM	Coffee Talk – All Attendees
8:30 – 8:35 AM	Call to Order and Welcome – L.K. Nandam, FDOT District 1 Secretary
8:35 – 9:00 AM	Integrated Multimodal Transportation for Communities – Vitor Suguri, Michelle Peronto, Peyton McLeod of FDOT D1 Transit Unit/C3MP
9:00 – 10:00 AM	Ped Safe Trailer Overview and Demo – Kevin Marquez and Devon Brazeal, FDOT District 5 Traffic Operations
10:00 – 10:15 AM	BREAK
10:15 – 10:30 AM	Ped Safe Trailer Debrief
10:30 – 11:50 AM	Breakout Session: Collaboration & Partnerships
11:50 AM –12:10 PM	Emphasis Area Status Updates – Goal Leaders (3 Min Each)
12:10 – 12:20 PM	<i>Public Comment Period</i>
12:20 – 12:25 PM	Next Steps – Kittelson and IPTM
12:25 – 12:30 PM	Closing Remarks – L.K. Nandam, FDOT District 1 Secretary

Appendix B – Presentation Slides



1



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3



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COALITION ANNOUNCEMENTS

Coalition Management Team



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2025 LEGISLATIVE TRACKING

- Updated Biweekly
- Available on Coalition Teams Channel



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FDOT SAFETY OFFICE ANNOUNCEMENTS

Chris Craig
FDOT Traffic Safety Administrator



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DATA TEAM DELIVERABLES




- **Glossary of Terms** related to bicycle and pedestrian safety is now available on the Alert Today website.
- **Data Sources for crash analysis and reporting** is available for review. Provide comments and additional sources to the Data Team by April 30.
 - [Document](#) saved on Teams in the [Data Team Deliverables](#) folder

2024 Glossary of Terms Related to Ped Bike Safety

[View Glossary Terms](#)



<https://www.alerttoday.com/professionals>



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GET TO KNOW THE COALITION

INTRODUCTIONS

In 15 seconds or less, share your:

- Name
- Role/Organization
- Emphasis Area



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BREAK

Until 3:00 PM

What is a Midblock Pedestrian Signal (MPS)?



An MPS is a new pedestrian signal that stops traffic to help you safely cross a busy roadway.



fdot.info/walking




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IMPLEMENTATION PLAN UPDATE



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BREAKOUT AGENDA – ZOOM IN


Focus on 2-3 tasks identified in your agenda

- Share updates on recent progress
- Discuss what happens next
- Assign task leaders
- Determine upcoming deadlines

GOAL: MAKE PROGRESS ON 2-3 PRIORITY TASKS

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IP PROGRESS

Average % Complete	
% Complete	Emphasis Area
37%	Vision Zero
90%	Planning, Design, and Operations
16%	Communication, Outreach, and Education
29%	Data, Analysis and Evaluation
84%	Law Enforcement
34%	Emergency Medical Services
47%	Driver Ed. and Licensing & Leg. Reg. and Policy


Percent of Tasks - Completed	
Total Task Completed Tasks	Emphasis Area
80	6% Vision Zero
44	82% Planning, Design, and Operations
24	4% Communication, Outreach, and Education
51	20% Data, Analysis and Evaluation
24	63% Law Enforcement
17	18% Emergency Medical Services
34	38% Driver Ed. and Licensing & Leg. Reg. and Policy

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COLLABORATION PREP

- Which tasks require collaboration?
 - What Objective, Strategy, and Task #?
- Who are your task leaders?
 - Who are you sending from your team?
- Who can support you from another emphasis area?
 - Who do they need to talk to?




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BREAKOUT: EMPHASIS AREAS

3:25 – 5:00 PM




17



Please return at 5:00 pm

BREAKOUT LOCATIONS



Fairview Nona Fredrica

18

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TASK TEAM COLLABORATION

- Goal leader report out
 - Communication
 - Data
 - Enforcement
 - Vision Zero
 - EMS
 - Policy and Programs
 - Planning, Design, and Operations




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PUBLIC COMMENT PERIOD

5:15 – 5:25 PM



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E-BIKES

Coalition Management Team






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TUESDAY WRAP UP



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PEDESTRIAN AND BICYCLE SAFETY COALITION MEETING

April 9, 2025





Wifi: City Guest

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WHAT DID YOUR FIRST BIKE MEAN TO YOU?

"Quality time with my Dad!"

—Pedestrian and Bicycle Safety Coalition Member



WHAT DID YOUR FIRST BIKE MEAN TO YOU?

"Between ages 10-15 a bike represented freedom. And it was always easy to tell where your friends were because of all the bikes in the yard outside."

—Pedestrian and Bicycle Safety Coalition Member


COFFEE TALK

How did you celebrate Florida Bike Month?

The Alert Today Facebook Account used some of your quotes for FL bike month posts.




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CALL TO ORDER

L.K. Nandam
FDOT District 1 Secretary



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PUBLIC MEETING ANNOUNCEMENT

12:10 – 12:20 PM




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BREAK

Until 10:30 AM


What is a Midblock Pedestrian Signal (MPS)?




An MPS is a new pedestrian signal that stops traffic to help you safely cross a busy roadway.



fdot.info/walking





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BREAKOUT: COLLABORATION & WORK SESSION

10:15 – 11:45 AM



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BREAKOUT AGENDA – ZOOM OUT

- **Collaboration Partners** – Connect and discuss your collaboration needs
- **Everyone else** – Take this time to track progress and make a plan for the next quarter:
 - What are you closing out?
 - What is coming up?
- **Goal Leaders** – Prepare to share status updates

GOAL:
MAKE A PLAN FOR THE NEXT QUARTER


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Please return at 11:50 am


BREAKOUT LOCATIONS




Fairview



Nona



Fredrica



Richmond

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30

31


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33


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COMMUNICATIONS, OUTREACH, & EDUCATION



Goal:
Develop and deploy clear and targeted communication, outreach, and educational campaigns both internally and externally with the goal of increasing awareness, facilitating behavior change for all road users, and decreasing fatalities and injuries to people walking and biking.


Emily Bush, Bike/Walk Central Florida	★
Tara Bracken, FDOT Central Office Transit	
Curtis Bryant, Creative Fuel LLC	
Caitlin Cerame, City of Pensacola	
Ricardo Gutierrez, Broward MPO	
Dana Knox, Federal Highway Administration (FHWA)	
Stephanie Phillips, FDOT District Five	
Tina Russo, FDOT District Seven	
Paul Simpson, University of Florida: Florida PedBike Safety Resource Center	

★ = Goal Leader

9 members

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COMMUNICATIONS, OUTREACH, & EDUCATION




Closing Out (Jan - Apr)

Coming Up (Apr - Jul)


- RRFB Tip Card Revisions Complete
- Root Cause Tip Card Second Draft
- Initial Website Review
- Determined Action Items for Mid-Quarter Call

- Website Review
- Finalize Root Cause Tip Card
- Implementation Plan Clean Up
- Prioritizing HVE Distribution Tip Cards

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EMERGENCY MEDICAL SERVICES



Goal:
Improve medical response and reduce mortality and morbidity resulting from crashes involving people walking and biking.


Lina Chico, Orlando Health	
Ronda Cerulli, Safe Kids Florida	
Isabella Discepolo, HCA Bayonet Point Hospital-Trauma Center	
Jessica Henwood, Health First	
Alexandria Roeder, Tampa General Hospital	
Kathy Wall, Safe Kids Palm Beach County	
Scott Zenoni, Health First	

★ = Goal Leader

7 members

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EMERGENCY MEDICAL SERVICES



Closing Out (Jan - Apr)

Coming Up (Apr - Jul)

- Scene safety is an important part of EMS training
- Data is released to health department to maintain EMS license
- Working with EMS Medical Directors can drive importance of Ped/ Bike education in the community

- Determine where Emergency Vehicle Preemption is being used & what drove them to implement change
- Locate Trauma Centers in top 3 counties to connect local EMS Injury Prevention teams
- Provide readily available resources to EMS Injury Prevention Teams
- Provide feedback to EMS agencies in top 3 counties on importance of documenting if helmets were used and if device was motorized for data collection

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LAW ENFORCEMENT



Goal:
Identify, develop, and implement diverse enforcement strategies in support of Target Zero.


Jason Frank, Sarasota Police Department	★
Jon Askins, Florida Law Enforcement Liaison (LEL) Program	
Kevin Marquez, FDOT District Five	
Chris Miller / Magdalis Garcia, Florida Highway Patrol	
Sharon Murchison, Institute of Police Technology and Management (IPTM)	
Kristina Quenneville / Tara Crescenzi, Florida Highway Patrol	
Chief Brett Railey, Institute of Police Technology and Management (IPTM)	
Sgt. James Reiser, Florida Law Enforcement Liaison (LEL) Program	
Michael Teague, Retired Police Chief	

★ = Goal Leader

9 members

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LAW ENFORCEMENT



Closing Out (Jan - Apr)

Coming Up (Apr - Jul)


- Nothing New closed from Jan-April

- Tip Card Revisions
- Training
- GIS Layer of Jurisdictional Boundaries

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POLICY & PROGRAMS



Goal:
Strengthen legislation, regulations, policies and programs to support the overall goal of eliminating fatal and serious injury crashes involving people walking and biking.


Lellani Gruener, Florida Highway Safety and Motor Vehicles (FLHSMV)★
Stephanie Torres, St. Lucie Transportation Planning Organization (TPO)★
Libertad Acosta-Anderson, FDOT District Five
Dana Crosby, FDOT Central Office
Michelle Avola-Brown, Naples Pathways Coalition
Ray Gray, Florida Dept. of Education
Kelly Morphy, Florida Bicycle Association
Patty Rendon, Space Coast TPO
Vitor Suguri, FDOT District One
Lauren Torres, National Safety Council
Kevin Walford, Miami-Dade Transportation Planning Organization (TPO)

★ = Goal Leader

11 members

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POLICY & PROGRAMS




Closing Out (Jan - Apr)

- Implementation Plan Revisioning
- Champions Letter Review


Coming Up (Apr - Jul)

- Case Studies - Best Practices Trail Oriented Developments / Pedestrian Bicycle Friendly Projects
- Data Analysis of Permissive Left Turn Crashes
- Sharrows – Potential changes in FDM
- TTC for Pedestrians & Bicyclists during construction.

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DATA, ANALYSIS, & EVALUATION



Goal:
Increase data literacy and facilitate the use of timely, relevant, and quality data to support equitable and data-driven decision-making to improve the mobility and safety of people walking and biking in Florida.


Poorna Bhattacharya, ASHA Planning Consultancy★
Rupert Giroux, FDOT State Safety Office★
Priyanka Alluri, Florida International University
Jotan Borms, FDOT Transportation Data and Analytics (TDA) Office
Mark Brown, Miami-Dade Department of Transportation and Public Works (DTPW)
Terrence Corkery, FDOT Forecasting and Trends Office
Rory Feinberg, FDOT District Six
Annelly Karron, FDOT District Two
Eric Katz, FDOT Transportation Data and Analytics (TDA) Office
Karla Rodrigues-Silva, City of Gainesville

★ = Goal Leader

10 members

45

DATA, ANALYSIS, & EVALUATION



Closing Out (Jan - Apr)

- Bike/Ped Performance Metrics Guide
- Data Sources Compilation
- Glossary of Terms (GOT)
- Geolocation Coordination with law enforcement
- Map of Non-motorized projects (<https://experience.arcgis.com/experience/1cf2c953fe814dd5842a60d32ffc0f44>)

Coming Up (Apr - Jul)

- Mapping of safety countermeasures
- Comparison of FDOT GOT
- Document signature safety projects from District and offer summary of B/A data
- Brief of findings and data gaps that can be shared within the Coalition
- LPI location identification
- Implementation Plan Update

46



2025 LEGISLATIVE TRACKING

• Updated Biweekly

• Available on Coalition Teams Channel



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2025 ACTIVE BILLS

Transportation Funding, Speeds, & Electric Bikes / Micromobility

- HB 567 / SB 462
- Increases maximum speed limits by 5mph
- Allows local governments to adopt ordinance with a minimum age for e-bikes, e-scooters, or micromobility
- Adds funding to account for impact of electric and hybrid vehicles
- Requires FDOT to implement traffic signal modernization
- Expands FDOT authority for eminent domain for future proposed improvements

***possible inclusion of micromobility definition**

- Requires PD&E studies for limited access capacity projects to evaluate elevated roadways
- Adds responsibility of MPOs to reduce traffic congestion
- Adds requirement that FDOT prioritize SIS projects impacting gaps in a corridor
- Requires FDOT to develop a report on widening I-4 between I-75 and US 27
- Allows expectant mothers to park in ADA parking spaces
- Requires FDOT to review district boundaries



48



2025 ACTIVE BILLS

Unlawful Speed

- HB 241 / SB 350
- Allows vehicle or boat to operate at what would normally be unlawful slow speed on a flooded street

Hands-Free Driving

- HB 501 / SB 1318
- Rename Ban on Texting While Driving Law to "Florida Hands-Free Driving Law"
 - Defines handheld manner, hands-free accessory, and wireless communications device
 - Law enforcement must indicate the type of wireless device used if the citation is given in work zone



49



2025 ACTIVE BILLS

Hazardous Walking Conditions

- HB 85 / SB 650
- Updates criteria for Hazardous Walking Conditions to include walkways near limited access to criteria

Driver License Requirements

- HB 889 / SB 994
- Requires driver education course to
 - apply for learner's permit
 - apply for a driver license for people 18 years or older



50



2025 ACTIVE BILLS

Personal Mobility Device Battery Safety Standards

- HB 291 / SB 410
- Defines personal mobility devices*
 - Small, lightweight vehicle powered by rechargeable lithium ion battery
 - Designed to transport only one person
 - Examples: electric bicycle, electric skateboard, or electric scooter

Utility Terrain Vehicles

- HB 221 / SB 88
- Authorizes UTVs to operate on county or city roads with a speed limit less than 55 mph
- UTVs would be able to cross state roadways where not prohibited by FDOT
- Requirements for insurance, license plates, and registration



*possible inclusion of micromobility definition

51





2025 ACTIVE BILLS

Traffic Infraction Enforcement

- HB 1275 / SB 812
- Allows traffic infraction detectors at railroad crossings
- Allows use of speed detection systems for enforcement of speed limits in work zones

Traffic Infractions Resulting in a Crash with Another Vehicle

- HB 699 / SB 1210
- Provides penalties for certain infractions that result in a crash with another vehicle



52



2025 ACTIVE BILLS

Transit

- HB 1397 / SB 1662
- Establishes Florida Transportation Research Institute to support workforce development
- Requires Florida Transportation Commission to monitor transit agencies that receive funding from FDOT's public transit block grant program
- Funds allocated for transit projects that are not ready by June 30 would be reallocated to SIS for next year

Prearranged Transportation Services

- HB 1525 / SB 1696
- Prohibits impersonation of Transportation Network Company (TNC) driver



53



2025 ACTIVE BILLS

Leaving Scene of Crash Involving Damage to Vehicle or Property

- HB 479 / SB 1378
- Court can order restitution if a driver leaves the scene of a crash involving damage to a vehicle or property

Offenses Involving Motor Vehicles

- HB 253 / SB 44
- Increases penalty for driving with prohibited lights
- Prohibits a person from buying a license plate obscuring device



54



2025 ACTIVE BILLS

Driving and Boating Under the Influence

- HB 687 / SB 138
- Strengthens and enhances crimes related to driving, boating, and refusal to submit to lawful test when driving or boating under influence

Boating Safety

- HB 289 / SB 58/628
- Updates penalties for boat collisions and providing false information in reports



55



2025 ACTIVE BILLS

Motor Vehicles Using Furthestmost Left-Hand Lane

- HB 545 / SB 636
- Defines "furthestmost left-hand lane"
 - Prohibits driver from operating a vehicle in furthestmost left-hand lane on specified roadways
 - Requires FDOT to make certain designations and install signs

Traffic Infractions – Reckless Driving

- HB 351 / SB 1782
- Provides additional actions that are considered reckless driving
- Increases penalties for reckless driving



56



2025 ACTIVE BILLS

Motor Vehicle Safety & Repair

- HB 807 / SB 92
- Requires all licensed vehicles to have front and rear license plates

Motor Vehicle Insurance

- HB 1181 / SB 58/628
- Revises insurance coverages



57



2025 ACTIVE BILLS

Impounding of Motor Vehicles


- HB 779 / SB 1824
- Sets procedure for impounding vehicles involved in fleeing
- Provides conditions for releasing impounded vehicles

Fleeing or Attempting to Elude a Law Enforcement Officer

- HB 113 / SB 468
- Revises law enforcement vehicle markings
- Reclassifies offenses




58




PUBLIC COMMENT PERIOD

12:10 – 12:20 PM




59





NEXT STEPS

IPTM
Kittelson & Associates, Inc.




60





NEXT MEETING

July 29 – 30, 2025
Embassy Suites Orlando I-Drive ICON Park



61



2025 MEETINGS

January 28 – 29 Orlando City Hall	April 8 – 9 Orlando City Hall
July 29 – 30 Embassy Suites Ori I-Drive ICON Park	October 21 – 22 Embassy Suites Tampa USF



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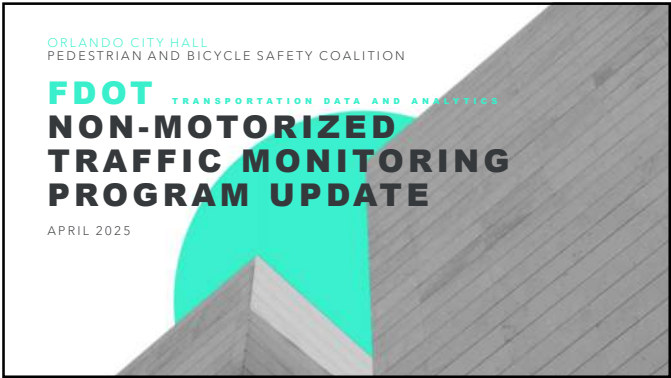


CLOSING REMARKS

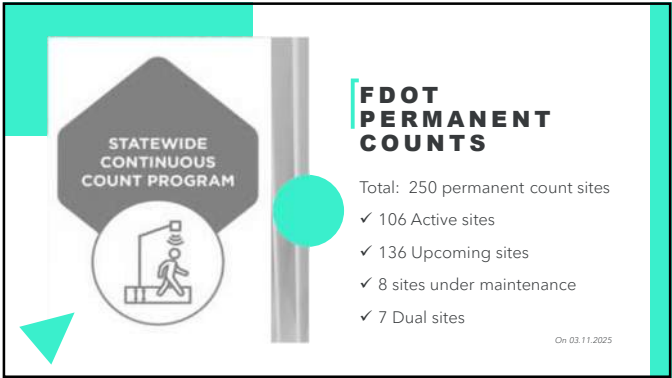
L.K. Nandam
FDOT District 1 Secretary



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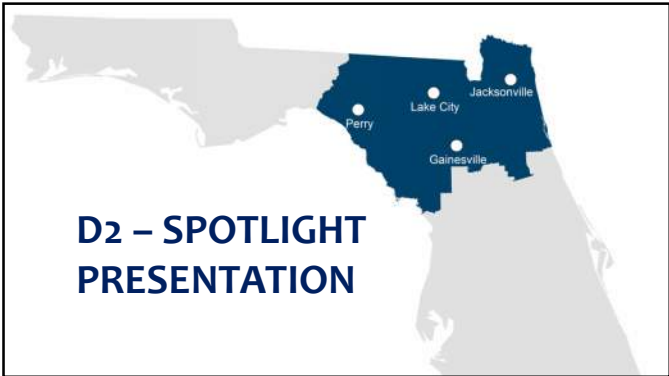
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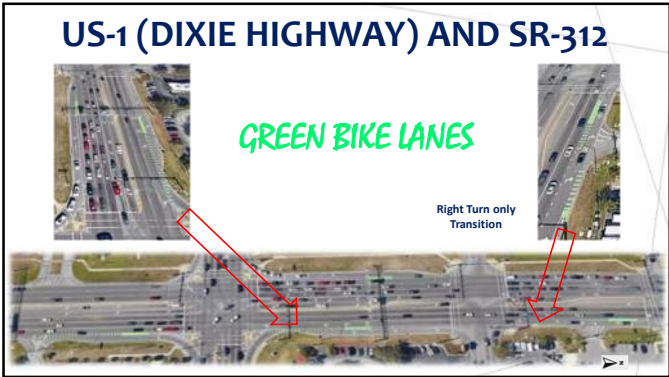
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TOPICS:

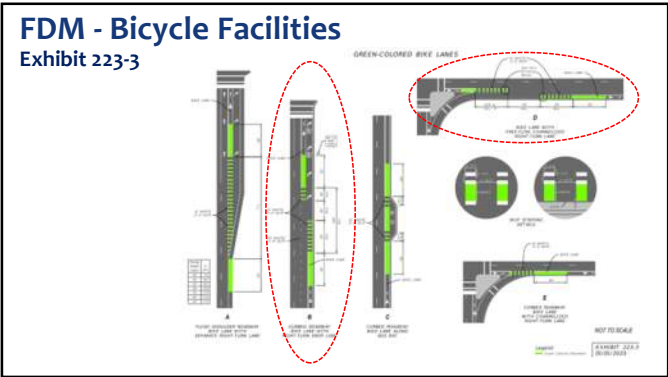
- Projects – St. Augustine and Gainesville
- Communications Office – Outreach Events
- UF Bicycle Awareness Postcard
- Traffic Safety Activity Books and Stickers
- E-Bike Safety
- Mobility Week

A photograph of a young girl with blonde hair, wearing a pink helmet, a bright green long-sleeved shirt, and pink pants. She is standing on a pink kick scooter and holding the handlebars.

2



3



4



5

Projects in Gainesville near the UF Campus - SR 26 (W University Ave.)

An aerial photograph of a section of SR 26 (W University Ave.) in Gainesville. Red arrows point from specific locations on the road to a list of projects below the image.

Stadium Entrance <ul style="list-style-type: none">✓ Midblock Pedestrian Signal (MPS)✓ Speed Table✓ Passive Pedestrian Detection✓ Crosswalk Lighting	NW 19th St <ul style="list-style-type: none">✓ Traffic Signal✓ Blank out Sign with Alternating Messages✓ Passive Pedestrian Detection✓ Intersection Lighting	NW 16th St <ul style="list-style-type: none">✓ Traffic Signal✓ Blank out Sign with Alternating Messages✓ Passive Pedestrian Detection✓ Intersection Lighting	NW 14th St <ul style="list-style-type: none">✓ Midblock Pedestrian Signal (MPS)✓ Speed Table✓ Passive Pedestrian Detection✓ Crosswalk Lighting
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NW 13th St

- ✓ Blank out Signs with Alternating Messages

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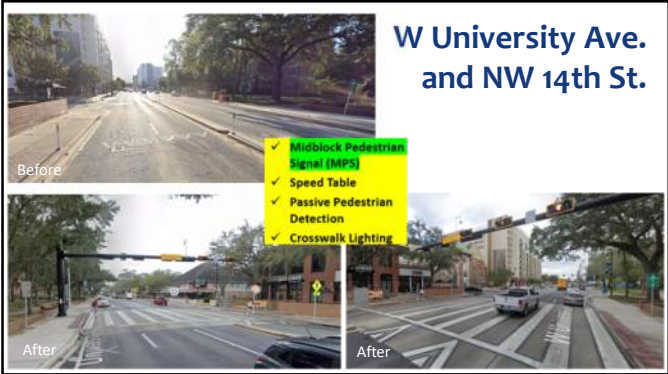
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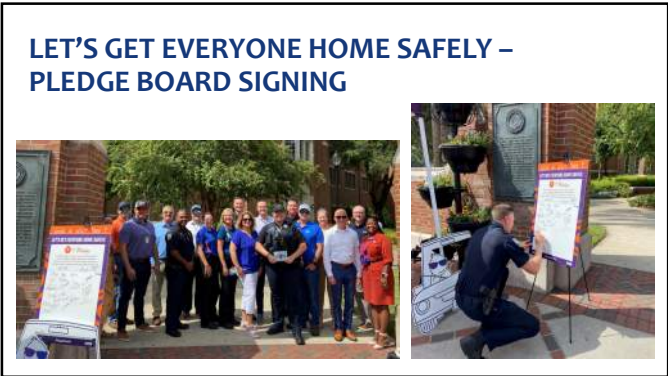
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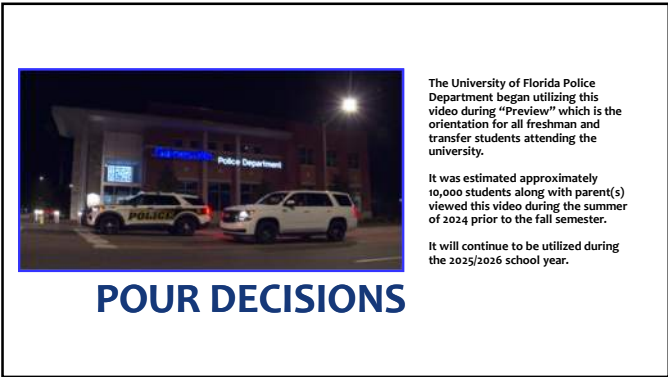
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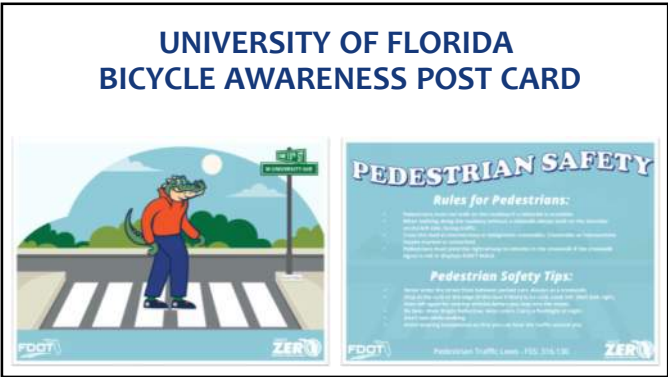
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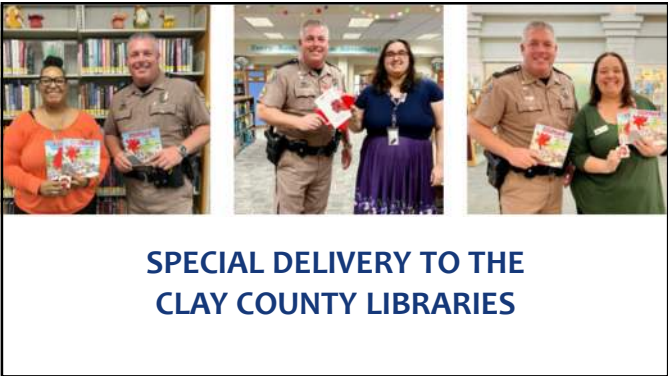
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18

E-BIKE SAFETY

SAFETY FOR ELECTRIC BICYCLES, SCOOTERS, AND UNICYCLES



Basic Safety Tips for Electric Bicycle Users



Alert Today, Alive Tomorrow's Safety Reminders for Electric Bicycles and More



Know the Different Categories and Rules for Electric Bicycles & More



E-BIKE SAFETY

Protect Your Brain – E-Bike Safety from UF Health, TraumaOne

19

MOBILITY WEEK

November 13th, 2024
Oakleaf Village Elementary School
in Clay County



WALK AND ROLL TO SCHOOL DAY!



20

THANK YOU!

COMMENTS / QUESTIONS?

Annelly Karron
FDOT – District 2
Traffic Operations - Safety
Annelly.Karron@dot.state.fl.us

21



1



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3



4



5



6

Florida Panhandle Section ITE – Safety Month

Tallahassee Farmers Market Event

September 2024 – Tallahassee, FL



FDOT

4/8/2025

7

ZERO

7

Tallahassee Rest Area Pop-Up Event



September 2024 – Tallahassee, FL

FDOT


4/8/2025

8

ZERO

8

Joshua Kreiser’s Day of Remembrance



November 2024 – Okaloosa County, FL

FDOT




4/8/2025

9

ZERO

9

Holmes County College Career Fair



February 2025 – Bonifay, FL

FDOT




4/8/2025

10

ZERO

10

Washington County College Career Fair



February 2025 – Vernon High School , FL

FDOT


4/8/2025

11

ZERO

11

Washington County College Career Fair



March 2025 – Chipley High School, FL

FDOT

4/8/2025

12

ZERO

12

Carrabelle Mid-Block Pedestrian Signal

February 2024 – Franklin County, FL



FDOT

4/8/2025

13

VERO

13

Carrabelle Mid-Block Pedestrian Signal



FDOT

4/8/2025

14

VERO

14

Cervantes Street Safety Improvements

December 2023 – Escambia County, FL



FDOT

4/8/2025

15

VERO

15

US 90 - Roadway Conditions and Crash History

Pedestrian Safety Improvements

W Cervantes St (US 90) From DOMINGUEZ ST TO A ST

- W Cervantes St (US 90) was a 4 and 5 lane section with a TWLT lane at the center. Now Typical section includes 4 lanes with frequent left turn lanes; and raised medians with planters and median fencing.
- Significant number of night-time pedestrian fatalities. A Double fatality occurred in 2018.
- Major contributing factor was pedestrians trying to cross Cervantes St at uncontrolled locations.

Year	Bicycle Involved Crashes	Pedestrian Involved Crashes	Fatal Pedestrian & Bicycle Involved Crashes	Serious Injury Pedestrian & Bicycle Involved Crashes	Total Pedestrian & Bicycle Involved Crashes
2014	1	6	0	0	7
2015	1	11	2	2	12
2016	4	3	1*	1	7
2017	10	7	3*	1	17
2018	3	7	2	0	10
2019	1	4	1	0	5
2020	5	3	1	2*	8
2021	3	1	0	0	4
2022	0	5	0	1	5
2023	4	2	0	0	6
2024	4	0	0	0	4
2026*	0	0	0	0	0
Totals	36	49	10	7	85

Notes – Data was downloaded from 1/1/2014 to 7/8/2024. * Includes one bicycle crash, Fatal or SI.

FDOT

4/8/2025

16

VERO

16

Road Safety Audit

Tennessee St (US 90)



FDOT

4/8/2025


17

VERO

17

Study Overview

- West Tennessee Street from Stadium Drive/Basin Street to N Macomb Street – 1.2 miles
- Two-way, Six-lane divided roadway with speed limit varying from 30 to 35 mph
- New Developments in the area:
 - Tallahassee Village: 203 residential units and 8,019 SF of commercial space
 - Up Campus: 277 residential units, 148 hotel rooms, and 5,684 SF of commercial space
 - The Hub: 366 residential units



FDOT

4/8/2025

18

VERO

18

Improvement Phases

- **2011** – FDOT partnered with FHWA to conduct a **Roadway Safety Audit (RSA)**.
- **2014** – Based on RSA recommendations - added **Midblock Crosswalks**, upgraded **all pedestrian features**, added median **fencing**, added **bicycle share the lane markings**, and added **raised median islands**.
- **2018** – Upgraded **roadway lighting to LED**. Added **speed feedback signs** along the corridor.
- **2020** – Added **pedestrian warning signs with flashing beacons** in advance of the midblock crosswalks. Also added **new speed feedback signs** in both directions west of N Woodward Ave.
- **2024** – Widened the **median cut-through sidewalk** at the midblock crosswalk east of W Brevard St and at the signalized intersection with W Brevard St.
- **2026** – A **traffic signal upgrade** is programmed for FY 26 at the intersection with Stadium Drive/Basin Street.
- **TBD** – A **traffic signal upgrade** is under design at the intersection with N Maccomb Street.

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Traffic and Safety Data

Collision Summary January 2019 - December 2023 (60 months of data)

COLLISION TYPE	2019	2020	2021	2022	2023	TOTAL
Pedestrian	4	7	3	4	4	22
Bicycle	4	1	1	1	0	7
Total	8	8	4	5	4	29

Fatal	0	1	0	0	0	1
Serious Injury	0	0	0	1	2	3
Injury	7	3	4	4	1	19
Property Damage Only	1	4	9	0	1	6

Day	7	5	4	4	2	19
Night	1	3	0	4	2	10

Tennessee St.
Peak Hourly Vehicular Volume = 3,500 & AADT = 38,500

20

Traffic and Safety Data

21

QUALITATIVE ASSESSMENT

W Tennessee St

22

QUALITATIVE ASSESSMENT


W Tennessee St

23


QUALITATIVE ASSESSMENT

24

QUALITATIVE ASSESSMENT



Pedestrian Crossing West Tennessee Street just west of N Copeland Street



Bicycle Share the Road Markings along West Tennessee Street

FDOT


4/8/2025

35


ZERO

25

QUALITATIVE ASSESSMENT



Speed Feedback Sign on West Tennessee Street



Tripping Hazard on South Side just West of N Copeland Street

FDOT

4/8/2025

36

ZERO

26

Improvement Recommendations – Short Term

Speed Management :

- Add Speed Limit Shield Markings in Pavement
- Add Speed Feedback Signs
- Provide Portable Mobile Speed Feedback Signs to Tallahassee PD and FSU PD
- Signal Timing Revisions

Intersection Safety:

- Add Additional Pedestrian warning and Yield Signs and Stop Bars

Guidance and Trailblazing :

- Add signing and sidewalk markings on both sides of Street

Maintenance:

- Refresh all crosswalk markings and Detectable warning Surfaces
- Trim Foliage
- Fix Tripping Hazards
- Upgrade Pedestrian Warning Signs with Fluorescent Yellow Green

FDOT

4/8/2025

37

ZERO

27

Improvement Recommendations – Mid Term

Midblock Safety:

- Extend the pedestrian fencing in the median
- Consider adding pedestrian fencing along the sidewalk in front of The Hub

Intersection Safety:

- Add reflective backplates to all signal heads
- Enhance lighting at the signalized crosswalk locations
- Add a push-button pedestrian detector station within the median at the mid-block crosswalk
- Add ped recall for the crosswalks
- Add post mounted signal heads
- Add pedestrian crossing pavement messages
- Consider providing pedestrian detector stations on separate poles

FDOT

4/8/2025

38

ZERO

28

Improvement Recommendations – Long Term

Midblock Safety:

- Consider widening the sidewalk to 10 feet where possible

Intersection Safety:

- Consider adding the missing crosswalks along with pedestrian signals, detectors, and curb ramps
- Consider changing the five-section left turn signal heads to four-section heads at various Locations
- Add one signal head per lane to all signalized approaches
- Consider eliminating the channelized northbound, southbound, and eastbound right turn lanes

FDOT

4/8/2025

39

ZERO

29

Improvement Recommendations

Florida State University

- Close W Call Street to vehicular traffic from Stadium Drive to Chieftan Way
- Consider adding ADA compliance features and bicycle access to the tunnel just west of Dewey Street
- Consider adding enhanced pedestrian features to the south side of the tunnel to make it more inviting for pedestrians

FDOT

4/8/2025

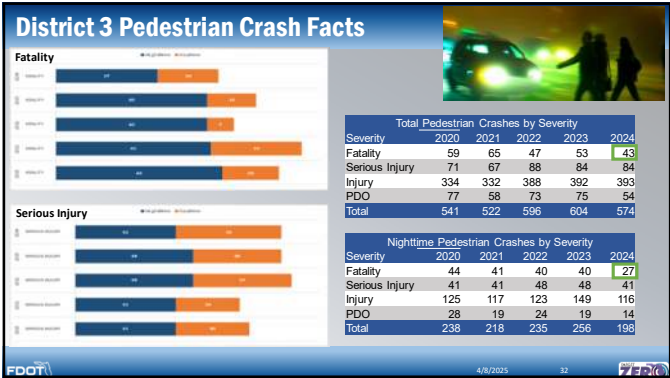
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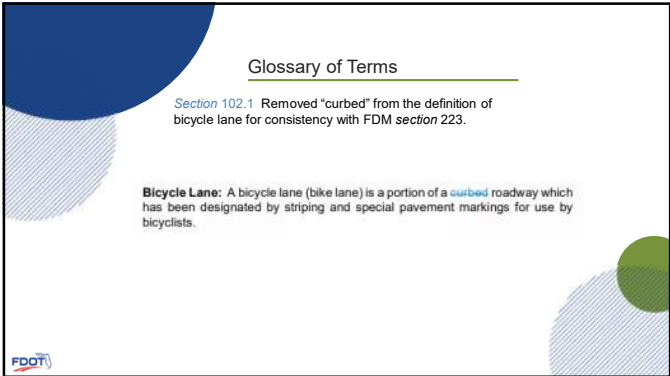
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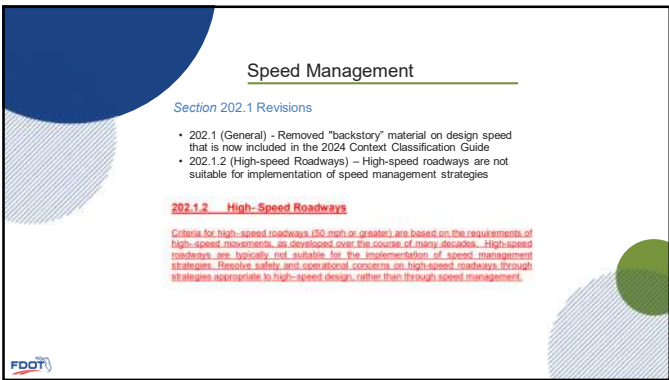
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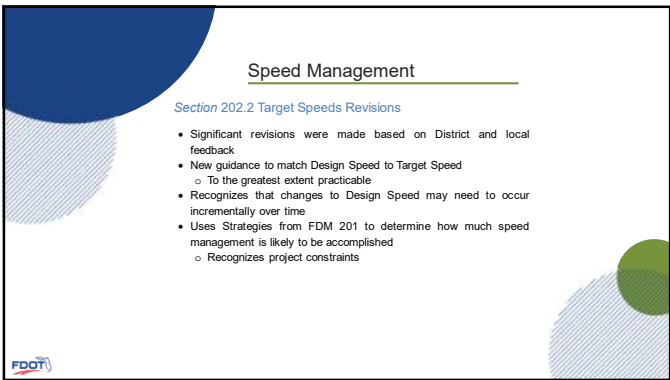
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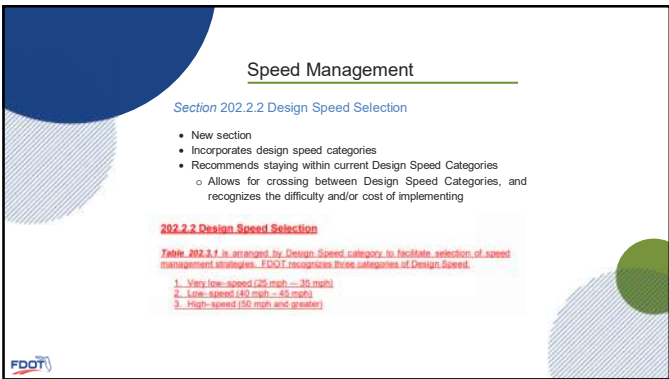
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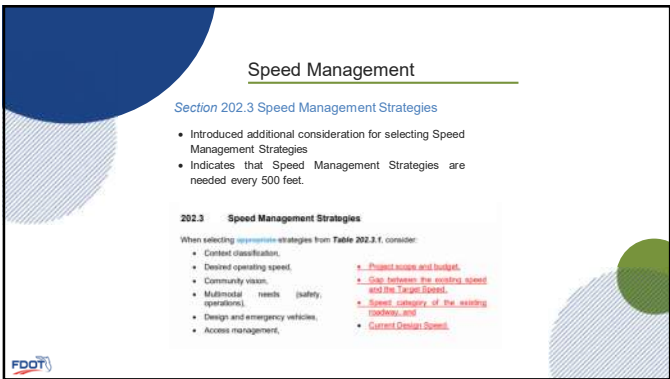
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Speed Management

Section 202.3.8 Vertical Deflection

- Introduced Type I and Type II Raised Crosswalks
 - Type I is intended where lowest operating speeds are desired (25 mph)
 - Type II has a gentler ramp slope and allows for higher speeds (below 40 mph)

Image: Developmental Standard Plan D520-030 (Raised Crosswalk)

7

Arterials and Collectors

Section 210.4

Clarified that bike lanes on flush shoulder roadways must be either 5 feet or 8 feet wide.

When it is determined that the Helmeted Bicyclist Symbol and Bicycle Lane Arrow pavement markings (see **FDM 223.2.2**) will be placed on the shoulder of a flush shoulder roadway, the paved width for the outside shoulder without shoulder gutter must be **either 8 feet instead of the 5 feet as shown in Table 210.4.1 or 8 feet.**

8

Modern Roundabouts

Section 213.8.3 Pedestrian Crossings

- Added guidance on different types of pedestrian crossings
- Added guidance for signs and pavement markings typically needed for separated bike lanes at roundabouts

Figure 213.8.3.1 Angular and Straight Crosswalks

Figure 213.8.3.2 Offset Crosswalks

Figure 213.8.3.3 Roundabout with Separated Bicycle Lane

9

Lighting

Section 231

- Section 231.3.4 Standalone Crosswalks (New)
- Section 231.3.4.1 Midblock Crosswalks and Ramp Crosswalks (New subsection)
- Section 231.3.4.2 Channelized Turn Lane Crosswalks (New Subsection)

231.3.4 Standalone Crosswalks

When required for standalone crosswalks, calculate the vertical clearance for overhead obstructions in accordance with the requirements outlined in FDM 231.3.2.

231.3.4.1 Midblock Crosswalks and Ramp Crosswalks

Provide lighting for midblock crosswalks as required per FDM 231.3.4.1.1. This lighting requirement also applies to crosswalks on bridges and viaducts. Use the corresponding criteria provided in Table 231.3.4.1.1.

Where midblock crosswalks are placed to serve a facility that generates pedestrian passage only during daylight hours, the lighting requirement may be limited at the District's discretion.

231.3.4.2 Channelized Turn Lane Crosswalks

Provide lighting for crosswalks on channelized right-turn lanes if the intersection is lighted. For channelized right-turn lanes with a non-perpendicular entry per FDM 212.12, use the vertical illumination level for the corresponding intersection type per Table 212.14.1. For channelized right-turn lanes with a steep curve and significant separation from the intersection (this lane), midblock crosswalk criteria may be used at the District's discretion.

10

Pedestrian Facilities

Section 222.2.1

Clarified conditions where sidewalk is required on flush shoulder roadways.

Provide sidewalks on **both shoulder and** high speed curbed **and** flush-shoulder roadways within C2T, C3C, C4, C5 or C6 context classifications; and within C1, C2 or C3R where the demand for use is demonstrated.

For high-speed curbed and flush shoulder roadways, place sidewalk in the following order of desirability:

- (1) As near the RW line as possible.
- (2) Outside of the clear zone.
- (3) Five feet beyond the limits of the full width shoulder.
- (4) At the limits of the full width shoulder.

11

Pedestrian Facilities

Section 222.2.2

Clarified requirements for curb ramp design at crossings

Curb ramps should be in line with the crossing and **provide non-visual, physically detectable elements (e.g., concrete edge lines or curb lines) to clearly indicate the direction of the crossing.** **Provide the flattest ramp slope practicable, not to exceed a maximum slope of 1:12 (8.3 percent).** **At intersections where more than one road-to-roadway, provide a curb ramp or detectable transition, as appropriate, at both ends of each crossing.** Crossings are required to meet the same grade and cross slope requirements as sidewalks. Where criteria for maximum cross slope cannot be met, process a Design Variation and provide the minimum attainable cross slope. When following the profile grade of the roadway, curb ramp slopes should not exceed 15 feet in length.

12


Pedestrian Facilities

Section 222.2.3 Clarified where to use standard versus high emphasis crosswalk markings

222.2.3 Crosswalks

Crosswalks are marked paths where pedestrians can safely cross a roadway. Marking of crosswalks helps drivers better identify the intersection and guides pedestrians to the best crossing location.

Use standard crosswalk markings at marked stop-controlled intersection approaches. Use Special Emphasis crosswalk markings for all other marked crosswalks except the following— Use standard crosswalk markings at marked stop-controlled intersection approaches.




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Pedestrian Facilities

Section 222.2.3.2 Added requirement to coordinate with the DSE and DSA to determine if illumination is needed to address safety concerns at existing midblock crosswalks

Midblock crosswalks are used to supplement pedestrian crossings in areas between intersections.

Provide illumination for both new and existing midblock crosswalks in accordance with **FDM 231** — Coordinate with the District Safety Engineer and the District Safety Administrator to determine if illumination should be provided to address safety concerns at existing midblock crosswalks.



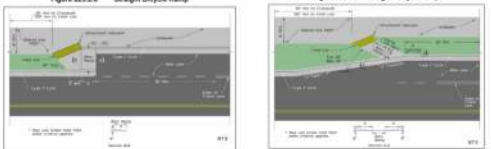
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Bicycle Facilities

Section 223.2.6 Updated images to show a bike lane connecting to another bike facility (shared use path) instead of a sidewalk

Figure 223.2.6 Straight Bicycle Ramp

Figure 223.2.5 Angled Bicycle Ramp




15

Bicycle Facilities

Section 223.2.1 Clarified when bicycle lanes may be provided on flush shoulder roadways

Bicycle lanes may be provided on flush shoulder roadways. Mark paved shoulders as bicycle lanes when all the following are met:

- (1) Design speed ≤ 45 mph.
- (2) Shoulder width ≥ 5-foot (≥ 4-foot on RBR projects).
- (3) Within C2T, C4, C5, C6, C3C context classification, or within C3R when demand is demonstrated, and
- (4) Shared use path or separated bicycle lanes are not present along corridor.



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Bicycle Facilities


Section 223.2.4.1 Added channelizing curb as a form of separation at 35 mph or less

223.2.4.1 Type of Separation

Tubular markers, islands, on-street parking, and rigid barriers may be used as forms of separation for the appropriate design speeds as follows:

- 35 mph or less: Tubular markers, channelizing curbs, traffic separators, islands, rigid barriers, or on-street parking. For separated bicycle lanes adjacent to on-street parking, use an island (see Figure 223.2.2).
- 40-45 mph: Traffic separator, islands, or rigid barriers.

Use curb types for separated bicycle lanes as shown in **FDM 223.2.5**. Other forms of separation require approval from the State Roadway Design Engineer.



17

Bicycle Facilities

Section 223.3 Referred to MUTCD 9E.02 for application of Shared Lane Marking (SLM) in RTOL. And Removed restriction on SLM in right turn lanes to be consistent with MUTCD 11th Edition.

223.3 Shared Lane Markings (Sharrows)


Shared lane markings, or "sharrows", are optional pavement markings used to indicate a shared environment for bicycles and motor vehicles. Sharrows are used where it is not practical to provide a bicycle facility, and any of the following conditions exist:

- (1) With on-street parallel parking in order to reduce the chance of a bicyclist impacting the open door of a parked vehicle.
- (2) To fit a gap in an otherwise continuous bicycle facility, generally for a short distance.
- (3) As part of an approved temporary traffic control plan, see **FDM 240**.

Streets with low traffic volumes and low traffic speeds are better suited to on-street shared lane markings than streets with high traffic volumes and speeds. Do not use the following conditions:

- Roadways with a posted speed greater than 55 mph.
- On shared use paths.
- Within a right-of-way.

Place Sharrows in the center of the travel lane. This placement provides guidance to bicyclists to "share the lane", which discourages motorists from passing too closely. The placement also informs drivers that bicycles are entitled to use the center of the lane for their safety. To effectively convey this message, place Sharrows immediately after intersections and at a minimum spacing of 250 feet. Do not use Sharrows on streets with a posted speed greater than 55 mph.



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Shared Use Paths

Section 224.6 Clarified that the minimum clearance referenced to FDM 260.6 is for the bridge structure itself

224.8 Vertical Clearance

Provide a 10-foot vertical clearance from the lowest edge of an overhead obstruction to any portion of the path under the obstruction. An 8-foot clearance is allowed for overhead signs and for other overhead obstructions under constrained conditions.

A 12-foot vertical clearance is desirable for:

(1)

Accommodation of equestrians or maintenance and emergency vehicles.

(2)



Underpasses and tunnels.

(3)


SUN Trail.

Minimum vertical clearances for the bridge structures over sidewalks, waterways, and railroad tracks shall above ground be given in FDM 260.6.

Existing elements that provide a minimum 8-foot vertical clearance are not required to be corrected to the clearances listed above.



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Thank you!

Allie Caldwell

State Complete Streets Coordinator

(850) 414- 4330

Carey.Caldwell@dot.state.fl.us



2025 FDOT Design Manual

Effective January 1, 2025

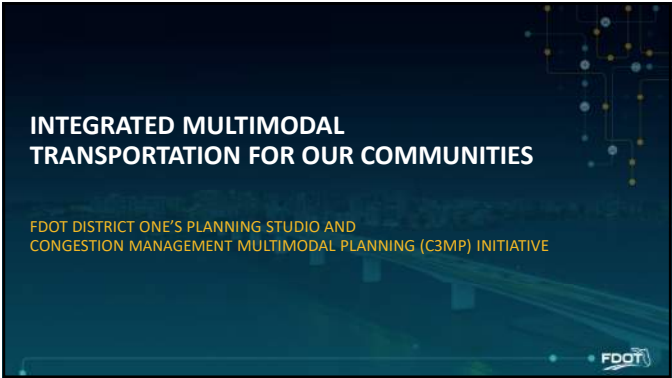
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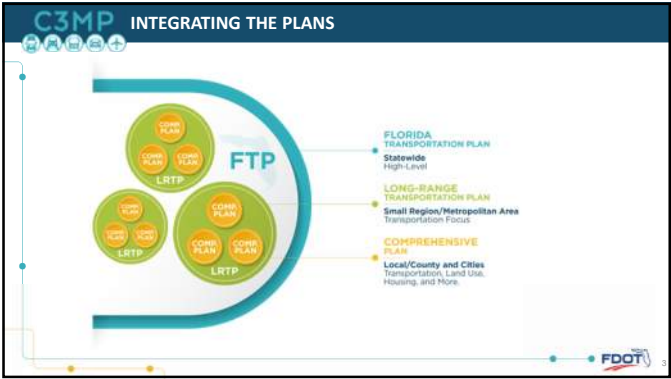
Pedestrian and Bicycle Safety Coalition



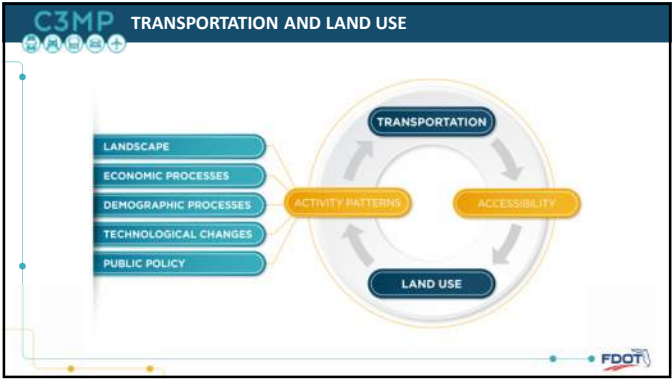
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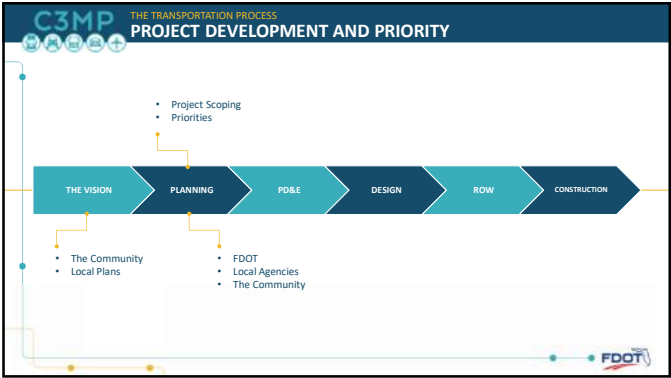
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6

C3MP INITIATIVE



FDOT

7

C3MP DEVELOPMENT AND PROCESS

- VISION/MISSION
- LINKING PLANNING DOCUMENTS
- GOALS
- C3MPI PROCESS

FDOT

8

C3MP TRANSIT – INITIAL C3MP FOCUS MODE

VISION (ORIGINAL)
Public Transportation is a reliable choice mobility solution that mitigates congestion.

MISSION (ORIGINAL)
Increase mobility choices/options to decrease/reduce congestion through innovative public transportation solutions and technology and to improve the safety and efficiency of our transportation system.

FDOT

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C3MP MULTIMODAL PERSPECTIVE

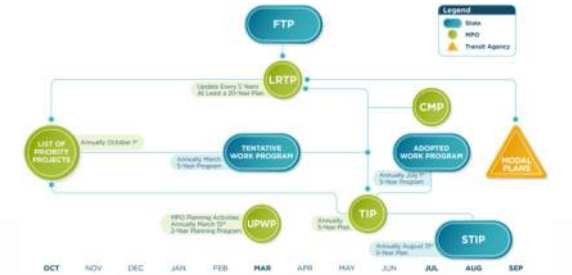
VISION (CURRENT)
Planning for and accommodating various modes of transportation will be routinely carried out in all FDOT projects and processes and will help achieve congestion mitigation.

MISSION (CURRENT)
To improve the safety and efficiency of our transportation network through innovative multimodal solutions, technology, and partnerships and to provide reliable mobility choices that reduce congestion in our communities.

FDOT

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C3MP DEVELOPMENT AND PROCESS
LINKING PLANNING DOCUMENTS



FDOT

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C3MP MESSAGE

“Think outside the box for practical solutions and without financial limitations.”

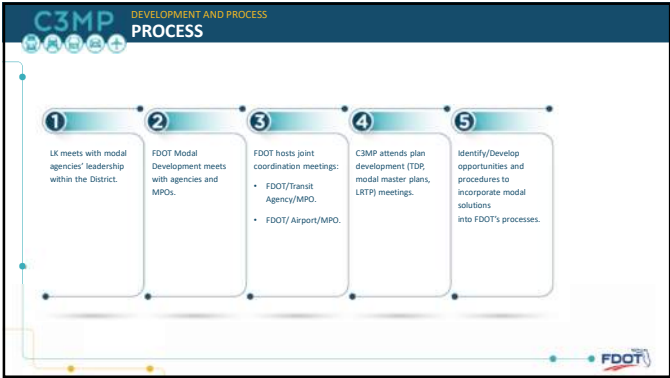
- Consider/include multimodal strategies to increase mobility choices and to reduce congestion into the MPO and transit planning processes.
- Analyze connectivity between modes and develop solutions to increase efficiency of the existing transportation system.
- Consider/include previous plans, as appropriate, to bridge the gap between plans and the LRTP.
- Incorporate and prioritize multimodal strategies into the Congestion Management Process (CMP).
- Identify potential pilot project(s).

FDOT

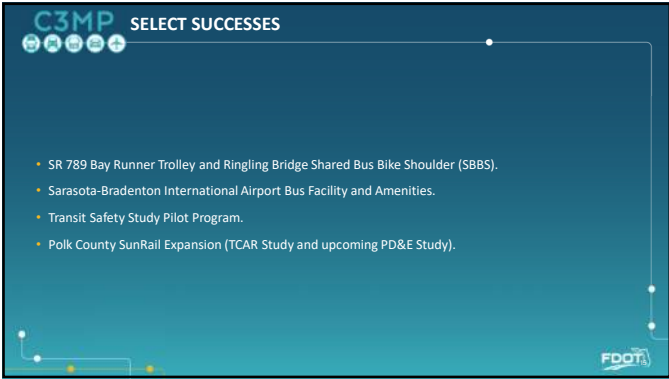
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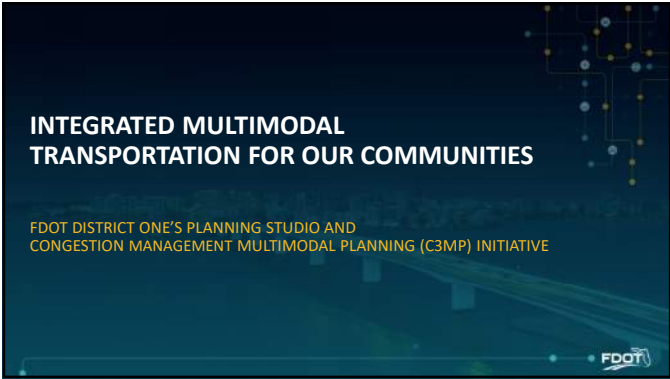
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14




15



16

Florida's Pedestrian & Bicycle Transportation Coalition

FDOT District 5 - PedSafe Trailer



1

PedSafe Origin (Orange Blossom Trail – FPID: 447395-1)

Project Goals:

- Improve Pedestrian Safety
- Community Enhancements


Project End

34th Street


Project Begin

Holden Avenue



Map showing the project corridor on Orange Blossom Trail, bounded by Holden Avenue to the west and 34th Street to the east. The corridor passes through 37th Street and 43rd Street. A north arrow is in the bottom left.



- Pre-2007: 7-Lane Section, 45 MPH
- 2007: Installed 3 mid-block crossings
- 2012: Installed a raised median along the corridor
- 2014: Reduced speed to 40 MPH
- 2020: Installed Pedestrian Hybrid Beacons (PHBs)
 - Including various technologies & applications (i.e. Passive Pedestrian Detection)




2

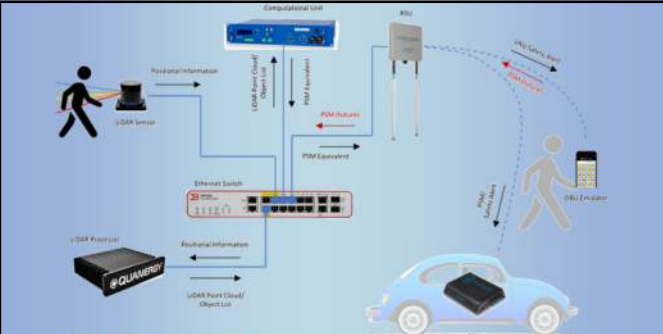


PedSafe Technologies


- Connected Vehicle Technologies
 - Advanced Traffic Controller (ATC)
 - Roadside Unit (RSU)
- Real-time Advanced Analytics (DERQ & Gridsmart)
 - Including computer vision, machine learning, and sensor fusion techniques
 - Merging intersection actuation, traffic data insights and heightened situational awareness
 - Near miss data, analytics, and recordings
- Thermal Sensors (FLIR)



3



PedSafe Technologies



4

PedSafe Trailer

Purpose:


- Enhance safety, education, outreach, and compliance
- Workforce Development: inspiring next generation of workforce to pursue transportation careers


Current Features:


- Passive Pedestrian Detection
- Pedestrian Confirmation Light
- Leading Pedestrian Interval (LPI)
- Accessible Pedestrian Signals (APS – including touchless)
- Connected Vehicle Technologies (ATC, RSU, etc)


Future Features:

- Extending/Truncating Pedestrian Phases
- Dynamic LED Countdown Display
 - Displaying time until pedestrian movement is sensed
- Four-Section Flashing Arrow Signal Head Applications
 - Left & Right Turns










5

ORANGE CITY
FLORIDA
1883



National Night Out
(Orange City)

Purpose:


- To promote police-community partnerships and camaraderie to make our neighborhoods safer.


Audience:

- Local community (all ages)
- Law enforcement
- First responders
- Agencies (i.e. Orange City, FDOT, etc)

Activities:

- General overview of signalized intersection equipment
- LIDAR and CCTV demonstration
- Touchless pushbutton actuation





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Pedestrian and Bicycle Safety Coalition

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FDOT District 5 Construction Career Days

Purpose:


- Workforce Development: educate students on careers in the construction industry

Audience:

- High school & Trade school students

Activities:

- Presentation of traffic control and ITS devices
- Viewing of the PedSafe and Smart Work Zone trailers



7

Our Vision For The Future

Industry Events:

- Transportation Symposiums & Conferences
- Construction Career Days

Community Events:

- National Night Outs (Law Enforcement, First Responders)
- Pedestrian & Bicycle Events (FDOT & Local agencies)
 - Vision Zero
 - Bike to Work Day

Driver Educational Events:

- New technology, applications, strategies



8

Appendix C – Map

PEDESTRIAN & BICYCLE SAFETY COALITION MEETING

APRIL 8-9, 2025



ORLANDO CITY HALL



400 S Orange Ave, Orlando, FL 32801

PARKING INFORMATION



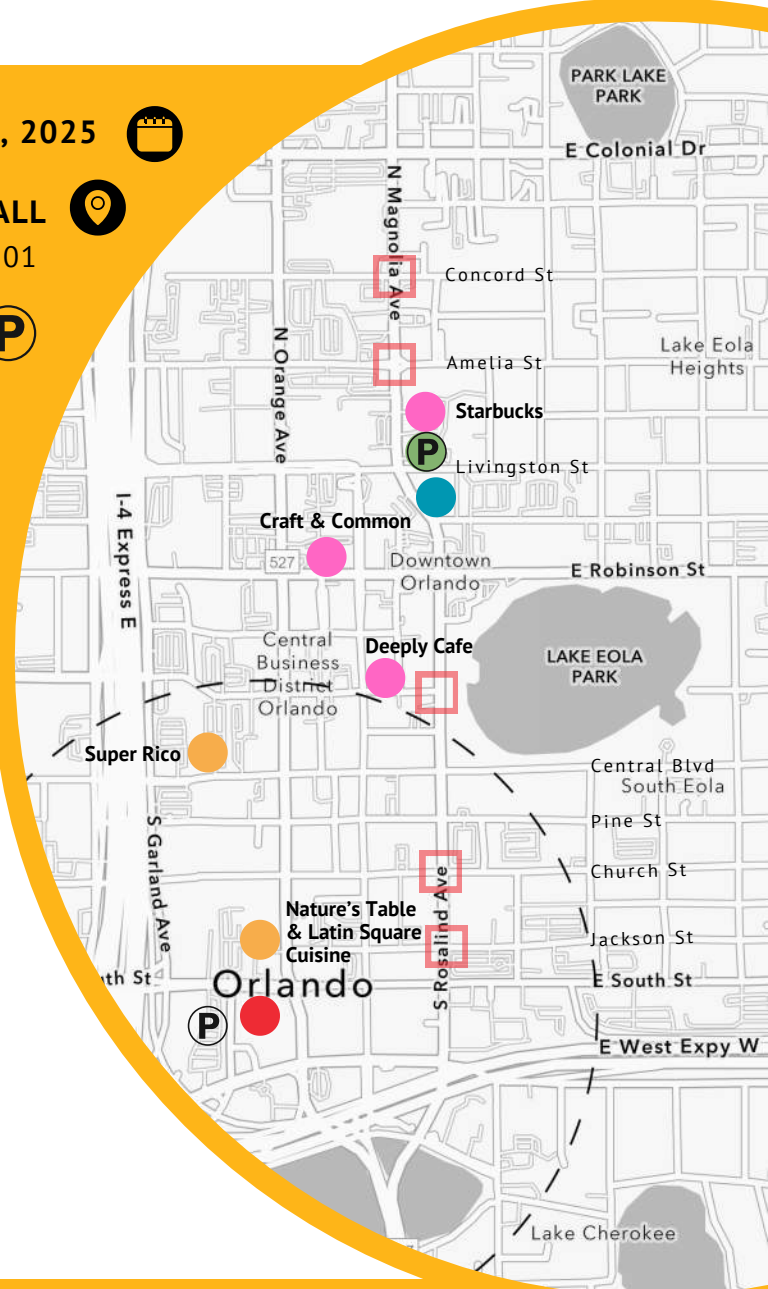
Option 1: City Commons Parking Garage (460 Boone Ave, Orlando FL, 32801).

Validation codes will be available to those who request them by Friday, April 4.

Option 2: Home2Suites Hotel (401 N Magnolia Ave, Orlando, FL 32801) Individuals staying at the hotel may valet park at this location and walk or take public transportation to the meeting site.

Downtown Orlando

- Orlando City Hall (Meeting Location)
- Home2Suites Hotel
- Optional Dinner Location (The Drake)
- Nearby Coffee Shops
- Nearby Lunch Locations
- New Quick Build Curb Extensions
- 10 minute walkshed



Transportation Alternatives



LYNX is Orlando's local bus service. A single ride fare is \$2. LYNX also provides LYMMO, a FREE downtown Orlando circulator with three different routes. For more information, please visit golynx.com. For real time bus location activity, please download the [TransitApp](#) or [Lynx app](#).



Ride Circuit offers door to door service in downtown Orlando using electric shared vehicles that seat 5 people. Daily service runs from 8:00 a.m. to 8:00 p.m., and each ride is \$1. New users can: ride for free on their first three trips using the code [RIDEOTO](#). For more information, please visit ridecircuit.com



If taking the train would be a better fit, SunRail offers fares from \$2. The rail system operates for over 49 miles with 16 stations through Volusia, Seminole, Orange and Osceola counties. For more information, please visit sunrail.com



Want to try one of Orlando's micromobility options? Three companies offer bike or scooter alternatives.

