

## FLORIDA TRANSIT SAFETY NETWORK - AGENDA

- Introduction – Members and Guests
- FTSN Committee Reports and Discussion
- Annual Transit Safety Summit and PDW
- Other FTSN Member Discussion
- Topics from Last FTSN Quarterly Meeting
- RTS Tour
- Lunch
- Tour Continues



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## FTSN Committee Reports/Discussion

- Bus Operator and Passenger Safety
- Collisions
- Distracted Driving
- Fatigue
- Safety Training



## New Training

***Rule Chapter 14-90, Florida  
Administrative Code:  
A Review for You  
A Course for Bus Transit Drivers***



## Course Modules

- Module 1: What is Rule Chapter 14-90, FAC
- Module 2: Driver Selection, Qualifications, and Minimum Driver Training Requirements
- Module 3: Wireless Communication Devices
- Module 4: Operational and Driving Requirements
- Module 5: Operational Safety and Medical Examinations
- Module 6: Pre-Trip Inspections



## Course Requirements

- Must complete each module
- Receive an 80% or higher on the test provided at the end of each module
- Complete the course evaluation form



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## Annual Statewide Transit Safety Summit and PDW

### Current Topics Summit:

- Fatigue Awareness – Impacts of fatigue, fitness for duty, and how fatigue awareness plays into the SMS framework
- Cyber Security in Transit
- APTA's Industry Standards Program and Voluntary Bus Assessments
- Observations and Lessons Learned from TSA Voluntary Base Line Assessments for Security Enhancements (BASE)
- Other Topics?



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## Professional Development Workshop

### Current Topics of Interest:

- “Compliance Track” featuring
  - Preparing for Triennial Reviews
  - FDOT’s New State Management Plan
  - FTA and FDOT Compliance
- Conflict Avoidance
- Reducing Absenteeism
- Communication Strategies for Managers



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## Professional Development Workshop

### Current Topics of Interest (Continued)

- Dispatching Best Practices
- Understanding ADA
- Leading as a Mid-Manager in Today’s Public Transportation Environment



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## Professional Development Workshop

### Networking Opportunities

- Evening reception on Monday night, June 1<sup>st</sup>
- Dinner off-site at the Columbia on Tuesday night, June 2<sup>nd</sup>
- Monday and Tuesday evenings – “The Coffee House” – 8:00pm until 10:00 pm



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## OTHER FTSN MEMBER DISCUSSION

- FDOT Safety-Related Content – State Management Plan Updates
- CUTR Safety Research Project Update
  - Strategies to Prevent, Reduce, and Mitigate Bus Collisions
  - Passenger Assaults
- TSA Voluntary Base Line Reviews
- FTSN Resource Website Modifications





## Approach

- **Task 1** – Initial telephone interviews with transit agencies to identify policies, procedures and any associated strengths and/or areas of need for the following:
  - Collision documentation and reporting
  - Post-collision investigation
  - Risk Management
  - Training (both pre- and post-collision)
  - Use of technologies for signaling, warning, avoidance, etc.
  - Exterior vehicle equipment configurations, paint schemes and graphics
- **Task 2** – Identify 15 transit agencies for case study with data collection for all agency collisions, interviews with key personnel and any follow-up needed.
- **Task 3** – Synthesize results, provide conclusions and recommendations with definitive best practices, policies and procedures to reduce, mitigate and prevent rear-ended and side impact collisions.



## Objectives

- **Strategies that effectively prevent and mitigate rear-ended and side-impact collisions including the following:**
  - Collision documentation and reporting
  - Practices in risk management to manage liability and recovery
  - Practices in training/policies/procedures
  - Uses and needs for technology and rear bus treatments
  - Paint schemes and graphics



- Group transit agencies by size
- Compile System Safety Program Plans
- Conduct telephone interviews

**Activities**

- Large Transit Agencies >220 buses
- Medium Transit Agencies >100 and <199 buses
- Small Transit agencies <100 buses
- Review for collision procedures
- Ascertain areas in need of development
- Prepare and share questions in advance
- Identify agencies for further case study




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- Site Visits

**Activities**

- Coordinate with other research efforts so as not to duplicate
- Make available all files relative to all collision types. Files may be housed in Operations, Risk Management, and/or Finance.
- 2-3 days in duration
- Review of records
- Expert Review
- Exit Interviews



## • 19 Questions

### Questions

How does the agency define and classify preventable vs. non-preventable collisions and how do those definitions impact rear-ended and side impact collision investigation, reporting, and future prevention?

Does the agency track causal or contributing factors to rear-ended and side impact collision events and are there strategies for future prevention based on those factors?

Does the agency provide training (individual or collective) in response to identified trends in causal or contributory factors and what results have been achieved by such training?

How are rear-ended and side impact collisions documented during and post event and how is documentation used for future prevention and/or mitigation?

Are there checklists that must be completed before a file can be considered closed and, if not, what does the agency need to ensure completion of all internal policies and procedures?

What elements of post collision investigation are utilized by the agency in alignment with a comprehensive collision investigation training curriculum and which yield the best results and insight into collision reconstruction and future prevention?

## Records Retention

### *Groups A and B Agencies that did not participate in Questionnaire*

- Jacksonville Transportation Authority (JTA)

### *Agencies with Relative Strengths in Records Retention*

- BCT
- LYNX
- HART
- PSTA
- MCAT
- Senior Resource (Indian River)
- Star Metro

## Collision Documentation and Reporting

### *Agencies with Relative Strengths in Collision Documentation and Reporting*

- PalmTran
- HART
- PSTA
- LeeTran
- RTS Gainesville
- Star Metro
- VOTRAN

## On-scene collision management

### *Agencies with Relative Strengths in On-scene Collision Management*

- LYNX
- HART
- PalmTran
- PSTA
- MCAT
- RTS Gainesville
- SCTA
- St. Johns
- LeeTran
- Star Metro

## Post Collision Investigation

### *Agencies with Relative Strengths in Post Collision Investigation*

- PalmTran
- HART
- PSTA
- SCAT/Brevard
- LeeTran
- MCAT
- RTS
- SCTA
- Star Metro
- VOTRAN

## Risk Management

### *Agencies with Relative Strengths in Risk Management*

- LYNX
- PalmTran
- PSTA
- LeeTran
- VOTRAN

- Synthesis and Results

**Activities**









Ensure that the *outcomes* of this study **produce results** that are **actionable and adoptable** by transit systems.

To ensure that results provide agencies with **specific strategies to reduce, prevent and mitigate rear-ended and side impact collisions**.

To provide **general strategies** and recommendations that provide criteria, guidelines, and programs for FDOT to manage statewide collision reduction goals.

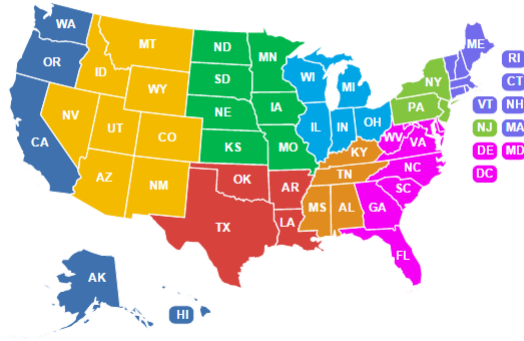
## FTSN Modifications Resource Website

- Adding Federal and state laws and regulations
- Adding research and other resource materials for rail fixed guideway to that provided for bus
- Adding MAP-21 guidelines and regulations for all transit modes, including SSO regulations
- Other visual improvements

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## Other Discussion Topics from FTSN Members



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# RTS Tour

