

## FTSN Committee Presentations – 9-12-16



## Florida Transit Safety Network Committees

- Collisions – Colin Mulloy, Chair
- Driver Fatigue – Dave Kelsey, Chair
- Operator and Passenger Safety – Steve Berry, Chair
- Distracted Driving – Jim Egbert, Chair
- Rural Transit Agencies – Ed Clark, Chair
- Safety Training – Paul Goyette, Chair

## FTSN Updates

- Original goals and objectives noted
  - **Updates are in bold**



3

## Collisions – Focus Areas for the Coming Year

- Statewide Transit Collision Database
  - SMS implementation planning tool
  - Data should be consistent with FTA’s pending mandates for bus
  - SMS metrics should be created to harmonize with database
  - Best practice guidelines to help agencies know how they “measure up” against others
  - Begin examining pedestrian collisions



4

## **Collisions – Focus Areas for the Coming Year**

- Possible joint venture between FDOT/FPTA in the development of a state-wide, safety awareness campaign, which could lead to a federally funded demonstration project.



5

## **Collisions – Focus Areas for the Coming Year**

- How to use reporting mechanisms to find leading indicators
  - Close call/near miss reporting
  - Develop recommendations for a program or protocol



6

## Collisions – Focus Areas for the Coming Year

- **Sample codes have been collected from various agencies**
- **Cross functional sub-committee to be created to analyze sample data bases and codes**
  - Will include all size agencies



7

## Collisions – Focus Areas for the Coming Year

- **Study effect of different back of bus designs and advertisements to address rear ended accidents:**
  - **JTA has implemented revised rear design lighting, which has been positively received by the operators and has shown a preliminary reduction in accidents. Fleet retrofit should be completed by 1/17.**



8

## Driver Fatigue – Focus Areas for the Coming Year

- Work with FDOT and the Florida Operations Network (FON):
  - Examining maximum hours of service and hours between shifts for potential Rule 14-90 modifications
    - **Efforts continue to address best practices, for all agencies – both fixed route and paratransit**



9

## Driver Fatigue – Focus Areas for the Coming Year

- Work with FDOT and FON (cont'd)
  - Develop a blame free system
    - **Challenges have been identified and suitable best practice is being developed for recommendation to entire committee**



10

## Driver Fatigue – Focus Areas for the Coming Year

- Work with FDOT and FON (cont'd)
  - Develop a standardized, fatigue awareness training, in addition to CUTR's current CBT
    - **Approval will need to come from FDOT Central Office and be based on prioritized statewide needs. Curriculum would be developed under Statewide Technical Assistance and Training Program (SMEs would come from FTSN)**



11

## Driver Fatigue - TRACS Focus Areas for the Coming Year

- Work with FDOT and FON (cont'd)
  - Concentrate on at risk sleep disorders and develop a standardized job description, featuring salient features of an operators job
    - **Job descriptions being collected for analysis and review**
  - Establish fatigue performance measures
    - **Being reviewed in conjunction with Rule 14-90, accident review**



12

## Driver Fatigue – TRACS Focus Areas for the Coming Year

- Work with FDOT and FON (cont'd)
  - Design best practice programs to provide continued support for all employees at risk for, or confirmed with, sleep disorders beyond our current fatigue management training
    - **Emphasis on salient job functions will be determined in conjunction with a recommended job description. This will include time off, down time, hours of service, consecutive days of driving, etc. in order to determine if fatigue was a causal factor.**



13

## Driver Fatigue – TRACS Focus Areas for the Coming Year

- Work with FDOT and FON (cont'd)
  - Collect case studies related to at risk employees, or those confirmed with sleep disorders, beyond our current fatigue awareness training, in order to develop a best practice guide book
    - **Will be addressed in FPTA recommended statewide data base development**



14

## Driver Fatigue – TRACS Focus Areas for the Coming Year

- Work with FDOT and FON (cont'd)
  - Develop a best practices and protocol templates for investigating whether fatigue was a contributing factor in an accident or incident
    - **Will be addressed in recommended statewide database development**



15

## Operator and Passenger Safety – Focus Areas for the Coming Year

- De-escalation
  - **A Computer Based Training (CBT) and Instructor Lead Training (ILT) training program is being developed.**
  - The intent of this course is to train operators to adopt the “Jason Bourne” philosophy –
    - **Anticipate/Plan how to handle/React effectively and safely**



16



## Operator and Passenger Safety – Focus Areas for the Coming Year

- Roll out root cause analysis training to assist agencies in eliminating safety hazards
  - **Instructor lead course complete**
- Develop public awareness of campaign of “see and be seen”
  - **Potential joint project between FDOT (Transit and Safety offices) and FPTA (Victor to expand)**



17

## Operator and Passenger Safety – Focus Areas for the Coming Year

- Develop a best practice hiring technique for operators:
  - **This committee recommends that this project be prioritized**



18

## Distracted Driving – Focus Areas for the Coming Year

- Rule 14-90 addresses in detail, cell phone use while operating a transit vehicle – develop a unified cataloging system on how agencies are policing, enforcing, and training to this requirement
  - **Will be addressed in cooperation with other cross functional FTSN committees**

## Distracted Driving – Focus Areas for the Coming Year

- Address how alternative schools and homeless impact operators and passengers
  - **Will be addressed at future time**

## Distracted Driving – Focus Areas for the Coming Year

- Continuously identify and target distractions that have been causal or contributing in transit events, establish their impact on safety risk
  - **Expand awareness to other distractions**
  - **May learn more about distractions through future data collection methods related to statewide database**



21

## Distracted Driving – Focus Areas for the Coming Year

- Identify methods that may be used to mitigate operator distractions
  - **May be addressed in statewide awareness campaign**



22

## Rural Transit Agencies – Focus Areas for the Coming Year

- Discuss and determine requirements, specific to small and rural transit agencies, relative to:
  - Access to technical assistance
  - Work with FDOT to ensure that any modifications to Rule 14-90, FAC will not adversely impact rural and small urban agencies
  - Others to be determined



23

## Rural Transit Agencies – Focus Areas for the Coming Year

- **Bus Stop Design – engineering support**
- **Development of SSPP and Security Program Plan (SPP) – FDOT District 2 put out a template years ago complete with training modules. If updated in a way that satisfies all districts it could be a good resource.**
- **RTAP/START training – requesting statewide offerings**



24

## Safety Training – Focus Areas for the Coming Year

- Develop de-escalation training
  - In-progress
- Develop active shooter training
  - **Will submit to FDOT for consideration, requesting the development of active shooter training. If approved, SME's will be assigned to work with statewide Technical Assistance and Training Program to develop, or developed by a contractor.**



25

## Safety Training – Focus Areas for the Coming Year (FTSN w/FON)

- Evaluate options and develop statewide standardized operator training, with transferability and certificate
  - **Recommend to FDOT that standardized bus operator training curriculum be established. Bus operators would receive certification and would have easier transferability between agencies, potentially reducing training costs throughout the state.**



26

## Safety Training – Focus Areas for the Coming Year

- Develop electronic messaging board training to address systemic issues, awards, safety messages and policy changes
  - **Recommend to FDOT that training be developed to address systemic issues related to the use of electronic messaging boards, concentrating on safety and other operational issues.**



27

## Safety Training – Focus Areas for the Coming Year (FTSN w/FON)

- Develop a role playing model for customer service training:
  - **Samples have been received from agencies. Will recommend to FDOT that consideration be given for the development of a standardized training program.**



28

## Safety Training – Focus Areas for the Coming Year

- Develop a training program for operators transitioning into supervisors/dispatchers:
  - **CUTR currently offers Dispatcher/Supervisor Training, which will support this initiative**
- Develop a training program on the impact of Worker's Compensation:
  - **Committee would like to develop a Best Practice on how to mitigate WC costs**