

FEDERAL TRANSIT ADMINISTRATION

FAST Act Review of Transit Safety Standards

Office of Transit Safety and Oversight
Office of Research, Demonstration and Innovation

May 19, 2016



Purpose of Webinar

This is an informational session. We will discuss the following:

- Statutory requirements
- Inventory of Transit Standards and Protocols
- Submission of public comments
- Outreach



"Review of Standards and Protocols" FAST Act Section 3020



FAST Act Requirements: Section 3020 Review of Standards and Protocols

- I. Requires the Secretary to conduct a review of the safety standards and protocols used in public transportation systems to examine the efficacy of existing standards and protocols;
- Requires the Secretary to consult with representatives of the transit industry to evaluate the need to establish additional Federal minimum transit safety standards; and
- 3. Requires the Secretary to issue a Final Report on the findings of the review, with a comprehensive set of recommendations and further actions needed to improve the safety of the transit industry by establishing additional Federal minimum safety standards.



Minimum Contents of Review

- a) Developed by the industry
- b) In use by rail fixed guideway public transportation systems
 - i. Written emergency plans and procedures for passenger evacuations
 - ii. Training programs to ensure personnel compliance and readiness in emergencies
 - iii. Scheduling of regular field exercises
 - iv. Maintenance, testing, and inspection programs
 - v. Coordination plans with local emergency responders
 - vi. Certification requirements for operators/control center personnel
 - vii. Consensus-based standards, practices, or protocols available



Minimum Contents of Review

- c) Rail and bus safety standards, practices, or protocols:
 - Rail and bus design and the workstation of rail/bus operators
 - Reduction of blind spots
 - ii. Protection of rail and bus operators from assaults
 - ii. Scheduling with adequate time/access for operators to use restroom facilities
 - iii. Fatigue management
 - iv. Crash avoidance/crashworthiness



Inventory of Transit Safety Standards

What Is the Compendium?

- A method of documenting public transportation safety standards and protocols
- A tool for gathering existing standards and protocols, not identified
- An approach for gathering industry knowledge related to the efficacy of standards
- An initial step in the development of the FAST Act Report documenting existing standards, and the review and evaluation of those standards in accordance with Section 3020 (c) of the Act



What Is the Compendium?

- Includes standards or protocols applicable to or used in transit modes listed in the NTD, including all rail and nonrail modes
- Sources:
 - Federal regulations and laws
 - State/SSO regulations and laws
 - SDO Standards
 - Industry Standards



Compendium of Public Transportation Safety Standards

| 1 | А | В | С |
|-------------|--|----------------------------|-------------------|
| 1 | Standard Title | Mode (Potential Applicatio | Standard Category |
| 2 | Evacuation and Rescue of Elderly and Disabled Passengers from Paratransit Vans and Buses (FTA) | All Modes | Operations |
| 3 | Disaster Recovery Institute (DRI) Professional Practices for Business Continuity | All Modes | Operations |
| 4 | Federal Emergency Management Agency - National Incident Management System (NIMS) | All Modes | Operations |
| 5 | Federal Emergency Management Agency - Incident Command System (ICS) | | Operations |
| l4 ← Rea | | RAIL MODE OTHER MODES | ALL MODES |

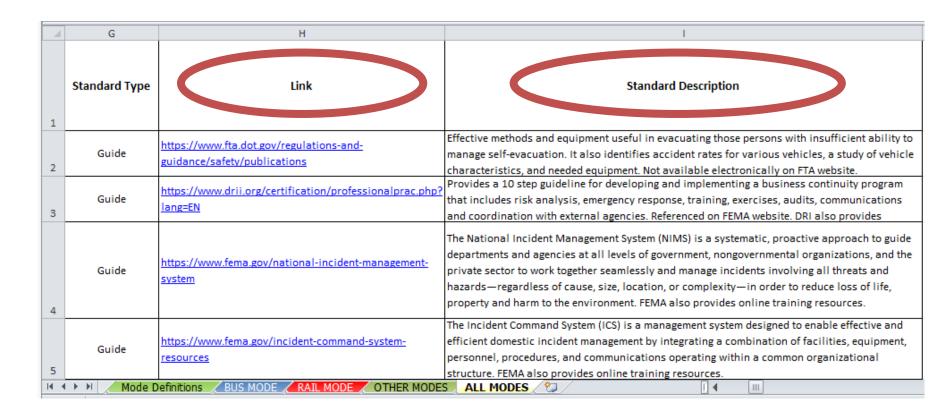


Compendium of Public Transportation Safety Standards

| Standard Development Entity Federal Agency / Standard Development Organization / State / State Safety Oversight Agency / Industry Federal Agency Federal Transit Administration | Standard Type Guide | Link https://www.fta.dot.gov/regulations-and- |
|--|---|--|
| | Guide | https://www.fta.dot.gov/regulations-and- |
| | Guide | guidance/safety/publications |
| Industry Association Disaster Recovery Institute | Guide | https://www.drii.org/certification/professionalprac.php? |
| Federal Agency Federal Emergency Management Agency | Guide | https://www.fema.gov/national-incident-management-system |
| Federal Agency Federal Emergency Management Agency | Guide | https://www.fema.gov/incident-command-system- resources |
| | Federal Agency Federal Emergency Management Agency Federal Agency | Federal Agency Federal Emergency Management Agency Federal Agency Federal Agency Federal Emergency Management Agency Federal Emergency Management Agency |



Compendium of Public Transportation Safety Standards





Vehicle Standard Subcategories

- Vehicle Components and Passenger Equipment Safety Standards
- Vehicle Crashworthiness
- Vehicle Interface/Communication Systems
- Vehicle Safety Standards (not related to design or construction)



Infrastructure and Related Items Subcategories

- Fixed Structures (includes elevators and escalator safety standards and recommended practices)
- Bridge Safety Standards
- Track and Roadbed
- Signals and Grade Crossings



Operational Standards

- Operating Rules and Practices
- Personnel Communications/Communication Procedures
- Standards and Practices for Route Planning/Scheduling



Personnel Standards

- Operator and Fatigue Management
- Hours of Service Standards
- Worker/Workplace Safety
- Qualifications and Certifications of Operators and Engineers
- Medical Examination Certification
- Drug and Alcohol Testing
- Training and Certifications



Asset Management Standards

- Preventative Maintenance
- Maintenance Recordkeeping
- Vehicle Safety Inspections

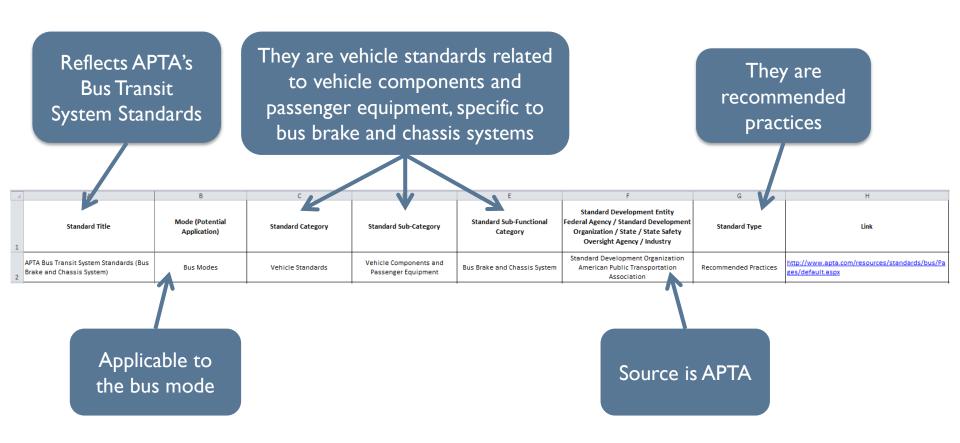


Emergency/Incident Management Standards

- Emergency Preparedness/Management (drills and exercises)
- Accident/Incident Investigation
- Accident/Incident Reporting and Data Collection
- Continuity of Operations (system recovery)

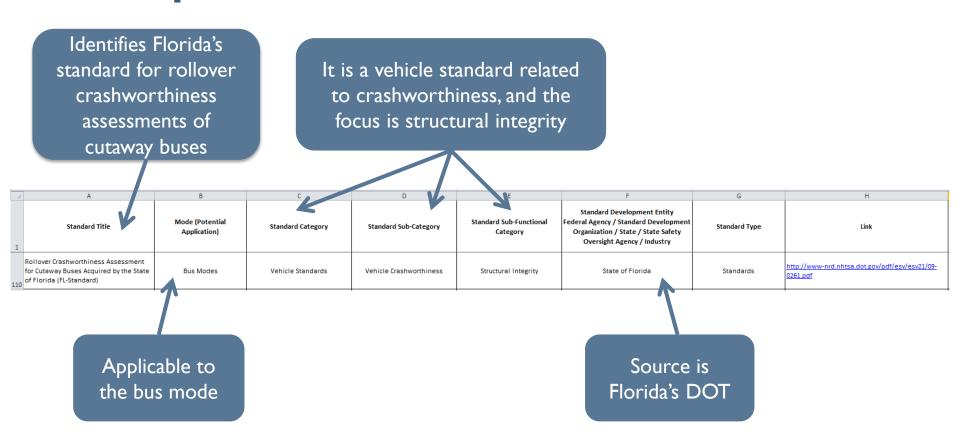


Example: Industry Standard





Example: State Standard





Public Evaluation and Comment

Your Input is Critical

- Compile all applicable standards
- Prioritize transit safety standards
- Establish the effectiveness of standards
- Ensure the thoroughness of the FAST Act review and analyses performed
- Support future standard development activities



Questions in the Federal Register Notice

- Are there standards not reflected for which you must observe/comply?
- Are these mandated by a Federal or state agency, SSOA, regional body or other?
- Do you have observations or data driven evidence demonstrating the effectiveness of any of these standards?
- Are there specific areas of concern for which FTA should establish minimum standards?
- Are there modes or specific areas of risk that require heightened focus from FTA?



Questions in the Federal Register Notice

- If standards were established based on risk, how should those areas of risk and any related standards be prioritized?
- Should standards be based on the exposure of the mode, number, or rate of injuries or fatalities?
- Are there standards not reflected in the Compendium that should be evaluated by FTA?
- Are you aware of standards within other industries that could be used in the public transportation industry to reduce risks?



Questions in the Federal Register Notice

- Are you aware of existing safety standards that may address any of these areas of risk? If so, please identify each standard by its reference and source.
 - Reduce blind spots
 - Protect rail and bus operators from assaults
 - Allow sufficient time within route schedules for operators to use restroom facilities



Other Scheduled Presentations

- Wednesday, May 25, 2016 CTAA Expo
 - Presentation from Deputy Administrator Angela Dluger
- Thursday, May 26, 2016 FTA Webinar
 - For more information please visit our events page <u>https://www.transit.dot.gov/about/events</u>



Learn More

- https://www.transit.dot.gov/regulations-and-guidance/safety/transit-safety-standards
- https://www.transit.dot.gov/research-innovation/researchinnovation-reports-and-publications



Submitting Public Comments

- The Federal Register Notice for Comment can be found here: https://federalregister.gov/a/2016-11585
- Comments must be made on or before June 16, 2016
- Public comments must identify the following information:

Federal Transit Administration

Compendium of Public Transportation Safety Standards

Docket Number: FTA-2016-0024



Submitting Public Comments

- **Electronically**: http://www.regulations.gov
- U.S. Mail:

Docket Operations

USDOT

1200 New Jersey Avenue SE,

West Building

Room W12-140

Washington, DC 20590-0001

- Hand Deliver: Docket Operations in Room W12-140 of the West Building, Ground Floor, at 1200 New Jersey Avenue SE, Washington, DC (M-F, 9:00 am – 5:00 pm)
- Fax: 202-493-2251



Comments

Please direct comments to:

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