

# FTA

FEDERAL TRANSIT ADMINISTRATION



U.S. Department of Transportation  
**Federal Transit Administration**

# Today's Agenda

- Rulemaking Update
- Safety Management System (SMS)
- WMATA Update
- Training Opportunities
- Safety Outreach
- Resources
- Questions

# Rulemaking Update

# Public Transportation Safety Program

RULE

SMS

National Public Transportation Safety Plan  
GUIDANCE

RULE

National Public Transportation Safety Certification Training Program

RULE

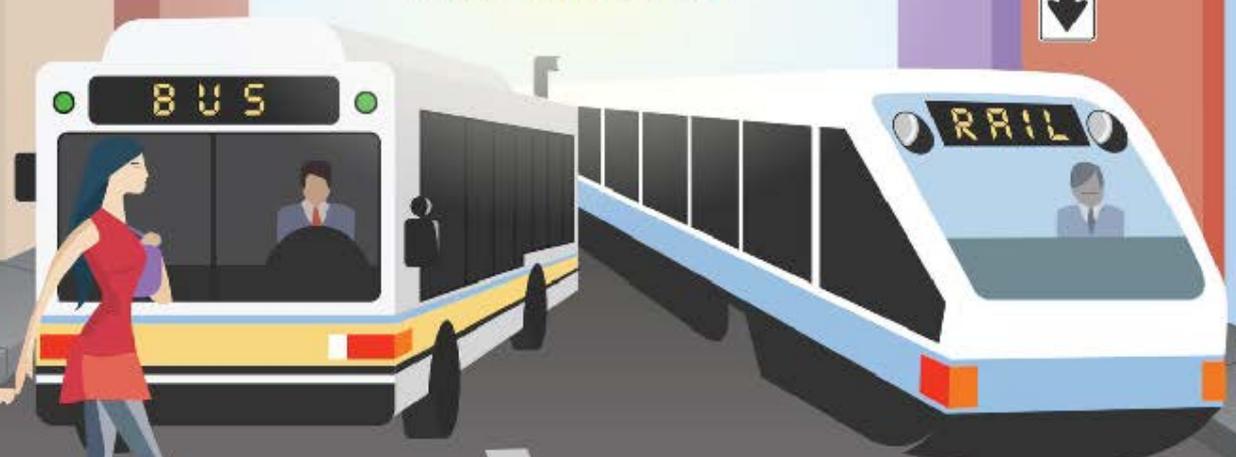
Public Transportation Agency Safety Plans

RULE

State Safety Oversight (SSO) Program

**TRANSIT AGENCIES**

SAFETY WORK AHEAD



SAFER PUBLIC TRANSPORTATION

# FTA Safety Rulemaking Timeline

Regulation	Rulemaking Timeline	Status
<b>State Safety Oversight</b> <b>49 CFR Part 674</b>	<b>NPRM</b> <b>Published: 2/27/2015</b> <b>Comment By: 4/28/2015</b>	<b>Final Rule</b> <b>Published: 3/16/16</b> <b>Effective: 4/15/16</b>
<b>Public Transportation Safety Program</b> <b>49 CFR Part 670</b>	<b>NPRM</b> <b>Published: 8/14/2015</b> <b>Comment By: 10/13/2015</b>	<b>Final Rule</b> <b>Published: 8/11/2016</b> <b>Effective: 9/12/2016</b>
<b>Transit Asset Management</b> <b>49 CFR Part 625</b>	<b>NPRM</b> <b>Published: 9/30/2015</b> <b>Comment By: 11/30/2015</b>	<b>Final Rule</b> <b>Published: 7/26/2016</b> <b>Effective: 10/1/2016</b>
<b>Bus Testing</b> <b>49 CFR Part 665</b>	<b>NPRM</b> <b>Published: 6/23/2015</b> <b>Comment By: 8/24/2015</b>	<b>Final Rule</b> <b>Published: 8/1/2016</b> <b>Effective: 10/31/2016</b>
<b>National Public Transportation Safety Certification Training Program</b> <b>49 CFR Part 692</b>	<b>NPRM</b> <b>Published: 12/3/2015</b> <b>Comment By: 2/1/2016</b>	<b>Final Rule in Development</b>
<b>Public Transportation Agency Safety Plan</b> <b>49 CFR Part 673</b>	<b>NPRM</b> <b>Published: 2/5/2016</b> <b>Comment By: 4/5/2016</b>	<b>Final Rule in Development</b>
<b>National Public Transportation Safety Plan</b> <b>49 CFR Part 673</b>	<b>Proposed National Safety Plan</b> <b>Published: 2/5/2016</b> <b>Comment By: 4/5/2016</b>	<b>Final Guidance Document in Development</b>
<b>Transit Worker Assault NPRM</b>	<b>NPRM</b> <b>Expected: 2017</b>	<b>Under Development</b>

# Rulemaking Update

## *Final Rules*

# State Safety Oversight (SSO) Final Rule



- Oversight of rail fixed guideway public transportation systems
- SSO Final Rule (49 CFR Part 674) replaces the current SSO rule at 49 CFR Part 659
- SSO Programs must be certified by April 15, 2019

**Effective Date: 4/15/16**

# Interim Safety Certification Training Program Provisions



- Three components
  - Required training program
  - Required Technical Training Plan
  - Voluntary
- Fills in the gap requirements until the National Public Transportation Safety Certification Training Program Final Rule is published

**Effective Date: 5/28/15**

# Public Transportation Safety Program Final Rule



- Formally establishes FTA's safety policy - Safety Management Systems (SMS)
- Commits FTA to creating and implementing a National Public Transportation Safety Plan
- Establishes the procedural rules for enforcement of FTA's safety programs

Effective Date: 9/12/16

# Transit Asset Management (TAM) Final Rule



- Requires FTA grantees to develop management plans for their public transportation assets, including vehicles, facilities, equipment, and other infrastructure
- Sets state of good repair standards for Agency Safety Plan performance targets

# TAM Website

**Federal Transit Administration**

About Funding Regulations & Guidance

Home » Regulations and Guidance » Asset Management

Transit Asset Management Overview

Getting Started

Rulemaking

TERM-Lite

TAMNews

State of Good Repair Roundtables

State of Good Repair Programs

Resources

## Transit Asset Management

In 2013, FTA estimated that more than 40 percent of buses and 25 percent of rail transit assets were in marginal or poor condition. Transit Asset Management (TAM) is a model that uses asset condition to help prioritize funding to achieve or maintain transit networks in a state of good repair. Estimates from the National Repair Assessment identified an \$86 billion backlog in deferred maintenance and replacement needs, a backlog that continues to grow.

*Related Links*

- TAM Final Rule
- Register for our TAM webinar series, July 26-August 18
- FTA Acting Administrator Carolyn Flowers' TAM video message
- Sign Up for Updates

*Related Documents*

- Transit Asset Management FAQ

*Contact Us*

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*Tags*

<https://www.transit.dot.gov/TAM>

# Bus Testing Final Rule



- Requires newly procured buses to meet minimum thresholds
- Scoring system that makes it easier to compare similar bus models from different manufacturers
- Better inform local transit agencies as they evaluate and purchase buses for use in their communities

**Effective Date: 10/31/2016**

# Bus Testing Website

The screenshot shows the Federal Transit Administration's website for Bus Testing. The header includes the FTA logo and name, a search bar, and navigation links for About, Funding, and Regulations & Guidance. The main content area features a breadcrumb trail (Home » Research & Innovation), a left-hand navigation menu with categories like Research & Reports, Technology, and Bus Testing, and a central article titled "Bus Testing". The article includes a photograph of a blue bus with a camera on a tripod in front of it. To the right of the article, there is a dedication paragraph, a "Related Links" section with two links, and a "Contact Us" section with the office name, address, phone number, and business hours.

Federal Transit Administration

About Funding Regulations & Guidance

Home » Research & Innovation

Research & Innovation

Research & Reports

Technology

Training and Workforce Development

Bus Rapid Transit

International Public Transportation Program

Bus Testing

Overview

Background

History

Testing Process

Partial Testing

Requirements

Policies and Guidance

Reports

## Bus Testing



FTA dedicates the bus testing rule to the memory of our departed colleague, Gregory Rymarz, whose vision, energy and intelligence were instrumental in its creation.

### Related Links

- [Bus Testing Final Rule](#)
- [Bus Testing Final Rule Press Release](#)

### Contact Us

**Office of Research, Demonstration, and Innovation**  
Federal Transit Administration  
1200 New Jersey Avenue, S.E.  
Washington, DC 20590  
United States

Phone: 202-366-4052

Business Hours:  
9:00am-5:00pm ET, M-F

On August 1, 2016, FTA announced a [final rule for bus testing](#) for improving the process of ensuring the safety and reliability of new transit buses. The rule satisfies requirements in MAP-21 to establish minimum performance standards, a standardized scoring system, and a pass-fail threshold that will better inform local transit agencies as they evaluate and purchase buses.

<https://www.transit.dot.gov/research-innovation/bus-testing>

# **Rulemaking Update**

## ***Rules Under Development***

# National Public Transportation Safety Certification Training Program NPRM



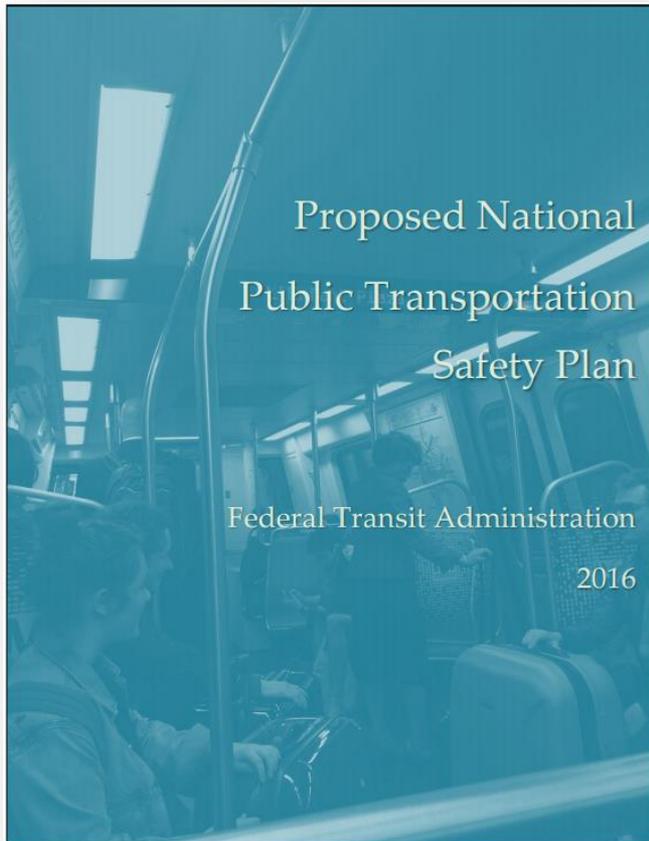
- Training program for rail transit system auditing and oversight
- Interim Provisions and NPRM only apply to rail fixed guideway systems
- Bus agency participation is voluntary, but highly encouraged

# Public Transportation Agency Safety Plan NPRM (PTASP or Agency Safety Plan)



- Would require a transit agency to implement an SMS through an Agency Safety Plan
- Would require larger transit agencies to certify they have established and implemented a Plan
- Smaller transit agencies may have State DOT draft and certify a Plan

# Proposed National Public Transportation Safety Plan (National Safety Plan)



The Plan is:

- NOT a rule
- FTA's strategic plan
- Sets safety performance criteria for Agency Safety Plan performance targets

# Transit Worker Assault NPRM



- FAST Act requirement
- FTA's National Online Dialogue on Transit Worker Assault
- NPRM expected in 2017

# Safety Management System (SMS)

# Components of an SMS

## **Safety Management Policy**

- Establish responsibilities and accountabilities; set objectives and expectations for safety; document SMS processes and procedures

## **Safety Risk Management**

- Identify and prioritize safety concerns based on risk; apply solutions to control safety risk

## **Safety Assurance**

- Monitor, measure, and verify that safety risk is adequately controlled; continuously improve the SMS and safety performance

## **Safety Promotion**

- Communicate, and train personnel about the SMS and their safety roles and responsibilities

# What does an effective SMS look like?

- A transit agency routinely and confidently answers these questions:
  - What are our *most serious* safety concerns?
  - How do we *know* this?
  - What are we *doing* about it?
  - Is what we are doing *working*?
  - How do we *know* what we are doing is working?

# SMS Implementation Pilot Program Overview

**In partnership with select transit agencies, FTA is developing and testing practical guidance materials and tools to help the transit industry transition to safety management systems (SMSs).**

Through this program, FTA

- Provides onsite training, guidance, technical assistance, and expertise on SMS implementation
- Identifies best practices and lessons learned
- Develops insights on how best to support the industry-wide transition to SMSs

# SMS Implementation Pilot Program Status Update

## Chicago Transit Authority (CTA) Pilot

FTA continues to support CTA's transition to an SMS, applying lessons learned to the development of SMS guidance documents and technical assistance tools for the industry.

## Leveraging aviation's SMS expertise

Safety experts from United Airlines have shared their real-world experience implementing and operating an SMS, including employee safety reporting and data visualization.



# SMS Implementation Pilot Program Status Update

## Small and Mid-size Bus Agencies Pilot

FTA initiated an SMS pilot with three small and mid-size bus agencies in Maryland. This pilot is focused on developing and testing SMS guidance documents and technical assistance tools for:

- Bus agencies of all sizes
- Rural transit operators
- Contractor-operated services



Montgomery County, MD



Frederick County, MD



Charles County, MD

# WMATA Safety Oversight Update

# FTA WMATA Safety Oversight Update

- FTA continues to provide direct safety oversight
- WMATA safety improvements
  - Federal funding used by WMATA on safety-related projects
  - RWP Safety Training
  - Ensure SafeTrack plans prioritize reducing the risk of smoke and fire events
- Advocates for creation of a new State Safety Oversight Agency (SSOA) by February 9, 2017
- Transparency in our oversight
  - FTA WMATA Safety Oversight website:  
<https://www.transit.dot.gov/regulations-and-guidance/safety/fta-safety-oversight-washington-metropolitan-area-transit-authority>

# Safety Training

# Schedule of Upcoming Training

November 2016			
Dates	Course	Location	Web Link
September 2016 – December 2016	SMS Awareness ELearning	Available Online	<a href="https://safety.fta.dot.gov/">https://safety.fta.dot.gov/</a>
September 2016 – December 2016	Rail Nomenclature	Available Online	<a href="https://safety.fta.dot.gov/">https://safety.fta.dot.gov/</a>
October 31 – November 4, 2016	Transit System Security	St. Louis, MO	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>
November 3, 2016	SMS Safety Assurance	Virtual-Live Training	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>
November 22, 2016	SMS Safety Assurance	Virtual-Live Training	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>
November 15 – 18, 2016	Effectively Managing Transit Emergencies	Washington, D.C.	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>
November 30 – December 2, 2016	SMS Principles for Transit	Cleveland, OH	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>

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November 30 – December 2, 2016	SMS Principles for Transit	Cleveland, OH	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>
December 5 – 9, 2016	Transit Rail System Safety	Washington, D.C.	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>
December 7 – 9, 2017	SMS Principles for Transit	Tampa, FL	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>
December 13, 2016	SMS Safety Assurance	Virtual-Live Training	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>
December 13 – 16, 2016	Effectively Managing Transit Emergencies	Landover, MD	<a href="http://www.rita.dot.gov/tsi/about/transit_safety">http://www.rita.dot.gov/tsi/about/transit_safety</a>

# FTA's Safety and Training Resource Website

The screenshot shows the homepage of the Federal Transit Administration's Safety and Training Resource Website. At the top, the FTA logo and name are on the left, and 'Register Now' and 'Login' buttons are on the right. Below this is a navigation menu with links for WELCOME, RESOURCES, TRAINING, MAPS, EVENTS, CONTACT FTA, and HELP. The main heading is 'Welcome to FTA Safety', with a 'Register with Website' button to its right. A central video player features a 'Register Now' button overlaid on a play button. Text next to the video says 'Gain full access after you register' and 'Register to begin'. Below the video, there are 'Previous' and 'Next' navigation arrows, and a 'Register now for full site access' link with a 'Download video transcripts' option. At the bottom, a paragraph states: 'FTA invites you to register and take advantage of FTA Training and Resource Site. Filled with resources, training, and tools to facilitate safety and training for you and your agency.'

# Safety Outreach

# Upcoming FTA Safety Outreach

Date	Name	Location
December 5 – 7	APTA Mid-Year Meeting Update	Miami, FL
December 12	Florida Transit Association Annual Conference	Jacksonville, FL
January 8 – 12	TRB Annual Meeting	Washington, D.C.

# Resources

# Rulemaking Website

The screenshot shows the Federal Transit Administration website. The header includes the FTA logo and name, a search bar, and navigation links for 'About', 'Funding', and 'Regulations & Guidance'. The breadcrumb trail is 'Home » Regulations and Guidance » Safety'. A left sidebar contains a menu with 'Transit Safety & Oversight' selected, and other items like 'Office Leadership', 'Organization Structure', 'System Safety', 'Safety Review', 'Program Oversight', 'TRACS', and 'Related Links'. The main content area features the title 'MAP-21 /FAST Act & Safety-Related Rulemaking' and a 'Navigate to sections below:' section with a bulleted list of links. A 'Public Transportation Agency Safety Plan' section is highlighted in orange, containing a detailed bulleted list of documents. On the right, there are sections for 'Related Links', 'Contact Us' (with address and phone), and 'Share' (with social media icons).

Federal Transit Administration

About Funding Regulations & Guidance

Home » Regulations and Guidance » Safety

Transit Safety & Oversight

Office Leadership

Organization Structure

System Safety

Safety Review

Program Oversight

TRACS

Related Links

## MAP-21 /FAST Act & Safety-Related Rulemaking

Navigate to sections below:

- Public Transportation Agency Safety Plan
- National Public Transportation Safety Plan
- State Safety Oversight (SSO) Final Rule
- Public Transportation Safety Program Final Rule
- Interim Safety Certification Training Program Provisions
- Advanced Notice of Proposed Rulemaking (ANPRM)
- Resources

### Public Transportation Agency Safety Plan

- Public Transportation Agency Safety Plan Notice of Proposed Rulemaking (NPRM)
  - Regulatory Impact Analysis for the Federal Transit Administration's Public Transportation Agency Safety Plan NPRM
- Public Transportation Agency Safety Plan Notice of Proposed Rulemaking (NPRM): Request for Comments
  - Federal Register
- Crosswalk Matrix: 49 CFR Part 659.19 System Safety Program Plan Requirements with Proposed Requirements for Public Transportation Agency Safety Plans (PDF)

*Related Links*

- State Safety Oversight Final Rule News Release
- Public Transportation Safety Program Final Rule News Release

*Contact Us*

**Office of Transit Safety and Oversight**  
Federal Transit Administration  
1200 New Jersey Avenue, SE  
Washington, DC 20590  
United States

Phone: 202-366-1783

Business Hours:  
9:00am-5:00pm ET, M-F

*Share*

f t G +

<https://www.transit.dot.gov/regulations-and-guidance/safety/map-21-fast-act-safety-related-rulemaking>

# Resources to Help You Prepare Now

## Read, watch, and participate

- Review FTA's *SMS Framework*
- Participate in webinars explaining new regulations and guidance
- Visit FTA's YouTube page to view previous webinars
- Read our newsletter *TSO Spotlight*

## Get trained

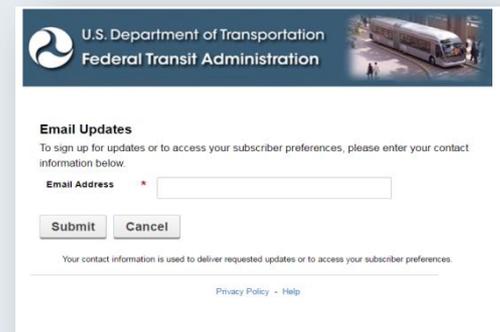
Through FTA's safety website:

- Take the *SMS Awareness* online course
- Sign up for classroom courses
- Request an Individual Training Profile (ITP)
  - Courses based on your role

## Sign up to receive updates

Sign up for GovDelivery

- FTA announcements and new documents
- <https://public.govdelivery.com/accounts/USDOTFTA/subscriber/new>



The screenshot shows the FTA GovDelivery sign-up form. At the top, it features the U.S. Department of Transportation Federal Transit Administration logo and a small image of a bus. Below the logo, the text reads "Email Updates" and "To sign up for updates or to access your subscriber preferences, please enter your contact information below." There is a text input field for "Email Address" with a red asterisk indicating it is required. Below the input field are "Submit" and "Cancel" buttons. At the bottom, there is a small line of text: "Your contact information is used to deliver requested updates or to access your subscriber preferences." and a link for "Privacy Policy - Help".

Questions? Comments? Email us at [FTASafetyStakeholder@dot.gov](mailto:FTASafetyStakeholder@dot.gov)

# Questions?

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