

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

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

Effective Date: 10/1/16

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

Mshadoni Smith
Transit Asset Management
1200 New Jersey Ave., SE
Washington, DC 20590
United States
mshadoni.smith@dot.gov

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

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 website's 'Bus Testing' page. The header includes the FTA logo and navigation links for 'About', 'Funding', and 'Regulations & Guidance'. A search bar is located in the top right. The main content area features a large image of a blue articulated bus with a camera on a tripod in front of it. To the right of the image is a paragraph of text and a 'Related Links' section. A sidebar on the left contains a navigation menu with categories like 'Research & Innovation', 'Technology', and 'Bus Testing', with 'Overview' selected under 'Bus Testing'.

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



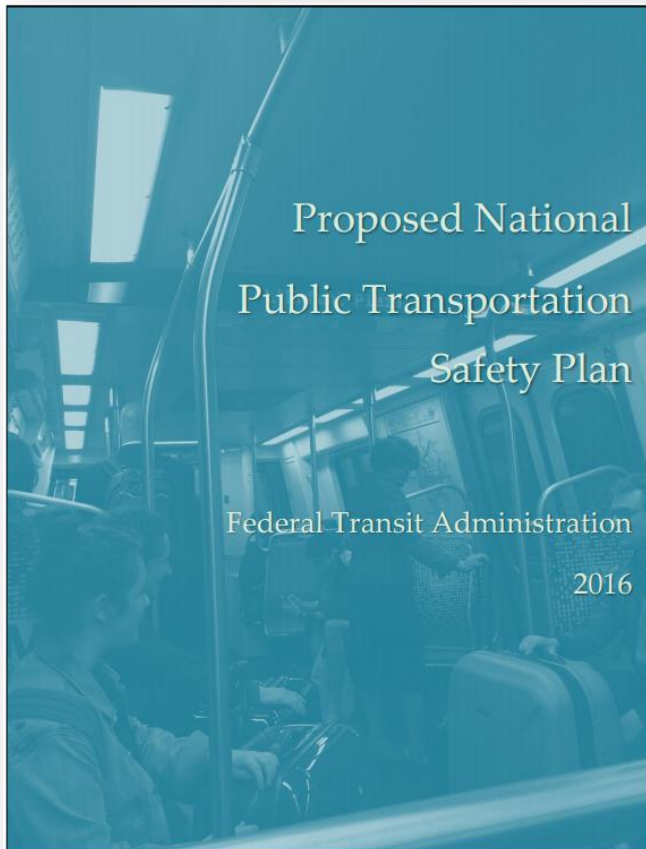
- Training program for rail transit system auditing and oversight
- Interim Provisions and NPRM only apply to rail fixed guideway systems
- Bus agency participation is voluntary, but highly encouraged

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

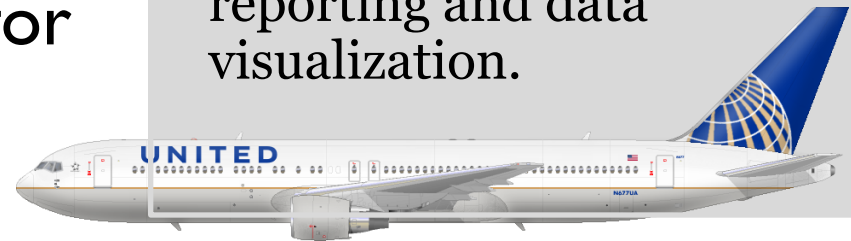
SMS Implementation Pilot Program Status Update

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

Schedule of Upcoming Training

December 2016			
Dates	Course	Location	Web Link
September 2016 – December 2016	SMS Awareness ELearning	Available Online	https://safety.fta.dot.gov/
September 2016 – December 2016	Rail Nomenclature	Available Online	https://safety.fta.dot.gov/
November 30 – December 2, 2016	SMS Principles for Transit	Cleveland, OH	http://www.rita.dot.gov/tsi/about/transit_safety
December 5 – 9, 2016	Transit Rail System Safety	Washington, D.C.	http://www.rita.dot.gov/tsi/about/transit_safety
December 7 – 9, 2017	SMS Principles for Transit	Tampa, FL	http://www.rita.dot.gov/tsi/about/transit_safety
December 13, 2016	SMS Safety Assurance	Virtual-Live Training	http://www.rita.dot.gov/tsi/about/transit_safety
December 13 – 16, 2016	Effectively Managing Transit Emergencies	Landover, MD	http://www.rita.dot.gov/tsi/about/transit_safety

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. A navigation bar below contains 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 the video. To the right of the video, the text reads 'Register to begin' and 'As soon as you register, you can begin E-learning courses, training at your own pace.' Below this is a 'Watch the video' link. At the bottom of the video player are 'Previous' and 'Next' navigation arrows. Below the video player, the text says 'Register now for full site access' and 'Download video transcripts'. At the very 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 items like 'Transit Safety & Oversight', '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, with its own bulleted list of links. On the right, there are sections for 'Related Links', 'Contact Us' (with office 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

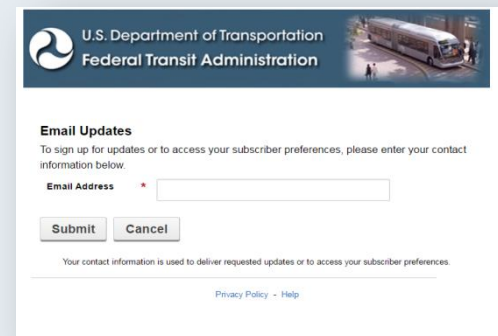
Through FTA's safety website:

- 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

Questions?

Angela Dluger
Deputy Associate Administrator
Office of Transit Safety and Oversight
202.366.5303
Angela.Dluger@dot.gov