

# FTA

FEDERAL TRANSIT ADMINISTRATION

## **National Transit Database Asset Inventory Expansion**



U.S. Department of Transportation  
Federal Transit Administration

# Welcome

- This presentation will take about 30-45 minutes
- Questions may be submitted through the Q&A pod in the lower left hand corner of your screen
  - Please submit questions throughout the presentation

# Agenda

- Overview and Background
- Changes to NTD Asset Inventory Reporting
- Proposed TAM Performance Metrics
- Question and Answer Session

# Overview

- Original F.R. notice published for comment in August 2014 (ID: FTA-2014-0006-0001; Federal Register Number: 2014-19605)
- Commenters requested that the implementation be postponed until release of the TAM NPRM
- FTA agreed and has reissued the proposed NTD Asset Inventory for comment in docket ID FTA-2015-0029; Federal Register Number 2015-29384

# Sources of Authority

## MAP-21 NTD Requirements

- Asset Inventory Module  
Expansion for Urban Reporters

## TAM NPRM NTD Requirements

- Performance Measures
- Performance Targets
- Data Report – condition assessments & slow zones
  - 5310 asset inventory
  - 5311 facility inventory

# Changes from August 2014 Notice

- Added elements needed for asset data in TAM NPRM
- Added performance measure target-setting in TAM NPRM
- Added TAM rule requirements for 5310 and 5311 reporting

# Changes from August 2014 Notice

- Reduced and streamlined reporting burden by:
  - Set 3-year reporting cycles for certain condition assessments
  - Added useful life benchmarks
  - Removed replacement cost information for facilities and revenue vehicles
- Total NTD reporting burden is estimated to be:
  - First year – increase of 6.5% in total NTD reporting burden
  - Subsequent years – increase of only 3%.

# Implementation Timeline

- Asset inventory reporting will be required concurrent with the effective date of the final Transit Asset Management System Rule
  - FTA anticipates optional reporting for FY16 and mandatory reporting in FY17

# Facility Reporting

- You must report facilities that you use in the provision of public transportation and you must indicate if you are partially or fully responsible to fund the renewal or replacement of any component or the facility in its entirety.

# Changes from Current NTD

Reporting Category	Current Reporting	New Changes
Administrative and Maintenance Facilities	Count of maintenance facilities, grouped by capacity	Individual facility inventory: <ul style="list-style-type: none"><li>• type,</li><li>• location,</li><li>• square footage and</li><li>• condition rating</li></ul>

- Applies to:
  - All reporter types
  - Administrative and maintenance facilities for which you are fully or partially responsible to fund the renewal or replacement of any component or the facility in its entirety

# Changes from Current NTD

Reporting Category	Current Reporting	New Changes
Passenger Stations and Parking	Count of passenger stations, only.	Individual facility inventory: <ul style="list-style-type: none"><li>• type,</li><li>• location,</li><li>• square footage and</li><li>• condition rating</li></ul>

- Applies to:
  - All reporter types
  - Passenger stations and parking facilities that you use in the provision of public transportation. You must indicate if you are partially or fully responsible to fund the renewal or replacement of any component or the facility in its entirety.
- A bus stop or basic bus shelter is not a facility for asset inventory reporting

# Track and Guideway Reporting

- If you operate or purchase transit service over fixed track, you must report rail track and guideway data and indicate if you are partially or fully responsible to fund the capital needs to replace all or some of its components.

# Changes from Current NTD

Reporting Category	Current Reporting	New Changes
Rail Track	Current reporting mixes track and guideway.	Track mileage by type (e.g. tangent or curved) Must also report major track elements e.g. crossovers

- Applies to:
  - All reporter types with rail fixed guideway
  - Track that you use in the provision of public transportation

# Asset Inventory Changes

Reporting Category	Current Reporting	New Changes
Fixed Guideway	None	Guideway by construction type (e.g. elevated, tunnel, etc.), each divided into 10-year age buckets

- Applies to:
  - All reporter types with rail fixed guideway
  - Guideway and equipment that you use in the provision of public transportation

# Asset Inventory Changes

Reporting Category	Current Reporting	New Changes
Substations	None	Count of substation structures and substation equipment, each divided into 10-year age buckets

- Applies to:
  - All reporter types with rail fixed guideway
  - Substations that you use in the provision of public transportation

# Asset Inventory Changes

Reporting Category	Current Reporting	New Changes
Signals	None	Percentage of signal assets total value divided into 10-year age buckets

- Applies to:
  - All reporter types with rail fixed guideway
  - Wayside signals that you use in the provision of public transportation

# Asset Inventory Changes

Reporting Category	Current Reporting	New Changes
Power	None	Percentage of total value of third rail or catenary in 10-year age buckets

- Applies to:
  - All reporter types with rail fixed guideway
  - Catenary/third rail that you use in the provision of public transportation

# Vehicle Inventory

- **Revenue Vehicles:** You are required to report the revenue vehicles by fleet used to operate transit service that you report to the NTD.
- **Service Vehicles:** You are required to report service vehicle inventory if you are responsible to fund its replacement.

# Asset Inventory Changes

Reporting Category	Current Reporting	New Changes
Revenue Vehicles - Urban	Detailed count of vehicles by type, capacity, age, etc.	Addition of a useful life benchmark
Revenue Vehicles – Rural	Detailed count of vehicles by type, capacity, age, etc.	Addition of a useful life benchmark
Revenue Vehicles - 5310	None	Mirrors requirements for rural reporters

- Applies to:
  - All reporter types

# Asset Inventory Changes

Reporting Category	Current Reporting	New Changes
Service Vehicles	None	Detailed count of vehicles by type, age, etc. A useful life benchmark for each vehicle type

- Applies to:
  - All reporter types
  - Service vehicles for which you are responsible for capital replacement costs

# Notes on Rural (5311) Reporting

- 5311 Rural Formula Grants & Tribal Transit Grants
  - Already report a revenue vehicle inventory (no change)
  - Added reporting of admin/maint facilities (if relevant)
  - Added reporting of passenger facilities (e.g. bus transfer stations, if relevant)
- Reporting will generally be done by State DOT's for 5311 program as Group Plan sponsor as proposed in NPRM

# Notes on 5310 Reporting

- 5310 Special Services to Elderly and Disabled
  - report a basic vehicle inventory for first time
  - report inventory of admin/maint facilities (if relevant)
- Reporting will generally be done by State DOT's for 5310 program as Group Plan sponsor as proposed in NPRM

# TAM NPRM Performance Metrics

- Rolling Stock: Percentage of revenue vehicles within a particular asset class that have either met or exceeded their useful life benchmark (ULB). FTA is proposing that reporters submit **one target for each revenue vehicle classification** (e.g. articulated bus, bus, cutaway, heavy rail car, ferryboat etc).

# TAM NPRM Performance Metrics

- Facilities: Percentage of facilities within an asset class, rated below 3 on the Transit Economic Requirements Model (TERM) scale (1=poor to 5=excellent). FTA is proposing that reporters provide **an annual target for each facility type.**
  - Passenger Facility
  - Passenger Parking Facility
  - Maintenance
  - Administration

# TAM NPRM Performance Metrics

- Infrastructure: Percentage of track segments, signal, and systems with performance restrictions. FTA is proposing that reporters submit **an annual target for each mode** (e.g. commuter rail, heavy rail, streetcar etc).

# TAM NPRM Performance Metrics

- Equipment: Percentage of vehicles that have met or exceeded their ULB . FTA is proposing that reporters provide **one target for the percentage of non-revenue vehicles that have met or exceeded their useful life benchmark for each service vehicle category.**
  - Automobiles
  - Trucks and Rubber Tire Vehicles
  - Steel Wheel Vehicles

# Questions

- Comments may be made to the Federal Register:
  - [www.regulations.gov](http://www.regulations.gov)
  - Docket ID: ID FTA-2015-0029;
- Additional questions may be directed to:  
Maggie Schilling, NTD Program Manager  
[margaret.schilling@dot.gov](mailto:margaret.schilling@dot.gov)  
202.366.2054