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Staying on Track with TAM: FTA Updates, Upcoming Deadlines and Resources
October 21, 2020

TRANSIT
ASSET
MANAGEMENT

U.S. Department of Transportation
Federal Transit Administration

Today's Speakers

- **Mshadoni Smith, Ph.D.**
  Chief, Analysis Division
  Office of Budget and Policy

- **Tom Coleman**
  Program Manager
  National Transit Database

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Today's Agenda

Today's webinar will provide recent updates on the FTA TAM program and information on upcoming deadlines.

- Highlighted TAM Program Updates

- NTD Reporting

- New Resources

- Questions

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Highlighted TAM Program Updates

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TAM Plan: Horizon, Updates, and Amendments

- TAM Plans must be updated in their entirety *at least* every 4 years
  - First plans complete by October 2018
  - Update plans by October 2022

- You may need to update sooner if:
  - Significant unexpected changes:
    - asset inventory
    - condition assessments
    - investment prioritization
  - Realign with other internal or regional planning processes

For detailed requirements, see 49 CFR §625.29.

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TAM Plan: Facility Condition Assessments

- Agencies must submit facility condition assessments to NTD every year.
  - At least 25% reported each year of TAM plan horizon
  - By RY19 reported at least 50%

- For guidance and additional information, refer to the Facility Condition Assessment Guidebook www.transit.dot.gov/sites/fta.dot.gov/files/docs/Facility%20Performance%20Assessment%20Guidebook.pdf

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NTD Reporting of TAM data Continues in RY20

Update asset inventory

Report condition data

Report targets to NTD

Narrative report update

Third year of asset inventories and target reporting

Narrative Report is your chance to provide context for your numerical results!

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Update: TAMPLATE 2.0

- Updating Technical assistance tool based on feedback from rollout

- **Replaces** *Small Provider Excel Template*

- Automatically populates TAM (AIM) data from NTD.

www.transit.dot.gov/regulations-and-programs/asset-management/tamplate

New: Self-Assessment Tool

- Tool to assess TAM Plan quality and completeness.
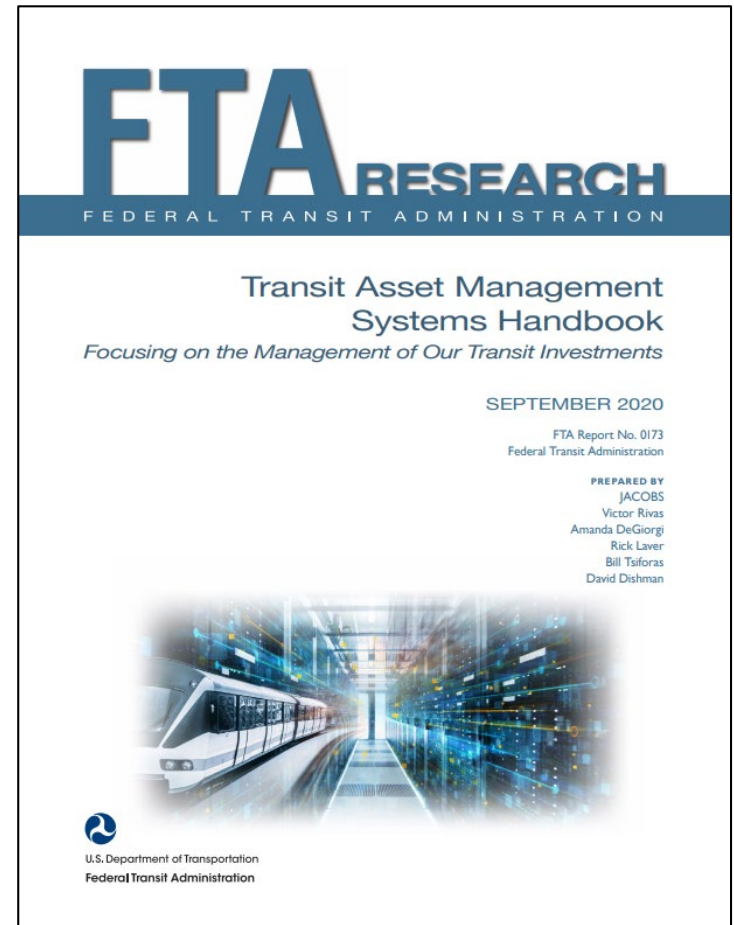- Includes rating guide to evaluate the maturity of TAM Plan.

www.transit.dot.gov/TAM/TAMPlans/SelfAssessment

Compliant	Expanded	Advanced
Element rating=1 point	Element rating=2 points	Element rating=3 points
Overall Tier I Plan Score = 13-21 Overall Tier II Plan Score = 8-13	Overall Tier 1 Plan Score = 22-35 Overall Tier II Plan Score = 14-22	Overall Tier I Plan Score = 36+ Overall Tier II Plan Score =23+
+ Presents information needed for compliance.	+ Exhibits comprehension of FTA TAM rule with applications of other Asset Management principles.	+Demonstrates understanding of FTA TAM rule through policies and practices of the TAM Plan. + Ties all TAM elements into the organization structure of the document.

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New: TAM Systems Handbook

- Provide general information and resource on the management of systems

- Provide practical information on inventorying systems assets and identifying activities and investments needed throughout the system life cycle

www.transit.dot.gov/sites/fta.dot.gov/files/2020-09/TAM-Systems-Handbook.pdf

FTA RESEARCH
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Transit Asset Management Systems Handbook
Focusing on the Management of Our Transit Investments

SEPTEMBER 2020

FTA Report No. 0173
Federal Transit Administration

PREPARED BY
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U.S. Department of Transportation
Federal Transit Administration

TAM Systems Handbook
Intended Audience

Those who:

- compile the transit operator's asset inventory,

- conduct or report asset condition assessments,

- collect performance measures, or

- manage the investment prioritization processes.

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TAM Systems Handbook Chapters

Chapter 1- Introduction

Chapter 2 - Systems Theoretical Framework
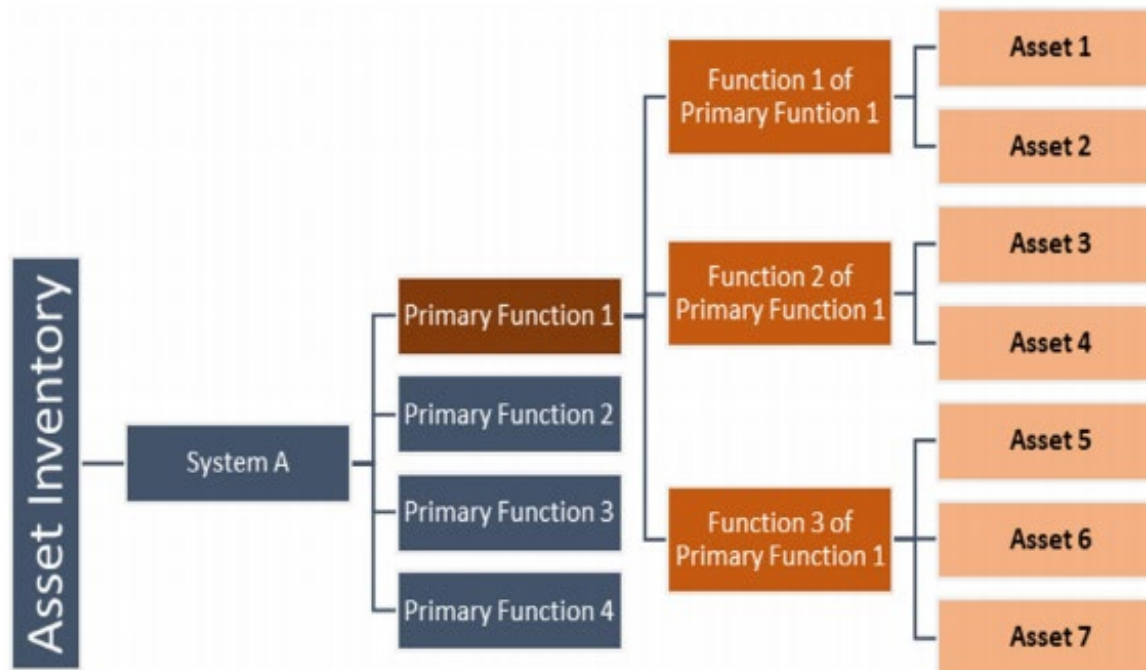
Chapter 3 - Overview of Transit *Systems*

Chapter 4 - Systems Asset Inventories and Hierarchies

Chapter 5 - NTD Asset Inventory Module (AIM) Reporting

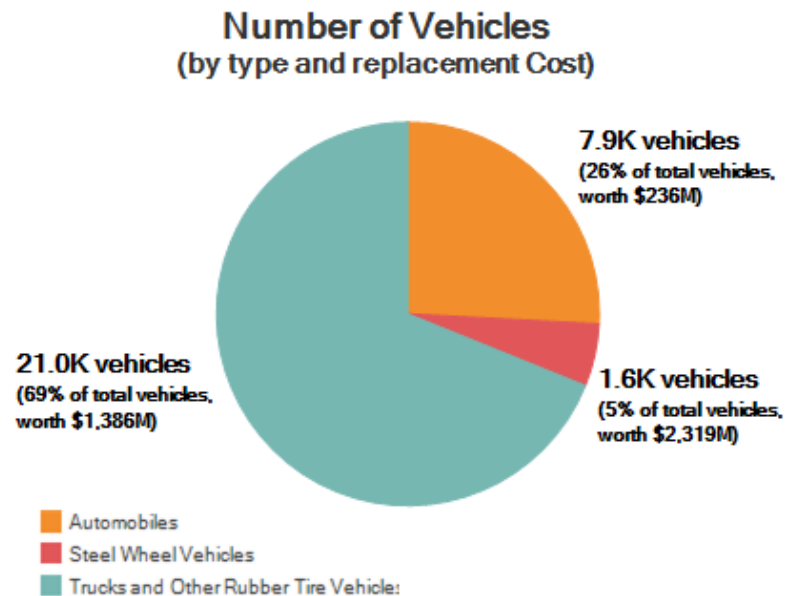Chapter 6 - Systems Performance Management and Investment Prioritization

CH 4: TAM Systems Handbook

- Provides examples of *system* asset hierarchies
- Illustrates findings of what transit operators have inventoried as part of the *system* asset class

NTD RY18 TAM Baseline Fact Sheets

- Highlights TAM (AIM) data from NTD
  - Two cycles of AIM data reported to NTD
  - RY19 TAM factsheet under development
  - Overview and Asset Category specific factsheets

Number of Vehicles
(by type and replacement Cost)

7.9K vehicles
(26% of total vehicles, worth $236M)

1.6K vehicles
(5% of total vehicles, worth $2,319M)

21.0K vehicles
(69% of total vehicles, worth $1,386M)

- Automobiles
- Steel Wheel Vehicles
- Trucks and Other Rubber Tire Vehicle

Vehicle data from RY18 NTD reporting.

NTD Group Plan Summary Tool

Accessing NTD Data Reports

Data Categories
- ☐ Agency Information
- ☑ Assets
- ☐ Data Dictionary/Questionable Items
- ☐ Expenses

Product Type
- Any - ⌄

Search

urbanized area

Apply

Data Product Year
-Year ⌄

2018 Urbanized Area Asset Summary Tool   Annual Data Tables (Excel)   2018

https://www.transit.dot.gov/ntd/ntd-data

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NTD Group Plan Summary Tool

NTD Group Plan Summary Tool

New Introduction Button	Linked Excel Tab	New Functionality
1) "I want to see data about all the participants in a Group TAM Plan"	1) View by Group Plan Tab	1a) Added 2018 Performance Target as a column 1b) Added 2019 Performance Target as a column 1c) Primary UZA flag
2) "I want to see data from a custom designed group of agencies"	2) View Individual Agencies	2a) Added single search functionality (last year had to filter then search) 2b) Added All the functionality of 1)
3) "I want to see data from all agencies that serve a particular urbanized area"	3) View by UZA	3a) New Excel Tab Mirroring 1) and 2)

View by Group Plan

- Added "by-group" performance measures to view by group plan tab

- 8R01 – Colorado Department of Transportation

- Performance Targets (new)

Revenue Vehicles in Selected Group Plan

Vehicle Type	2018 Performance Target	2019 Performance Target
Aerial Tramway	41.00%	86.76%
Articulated Bus	18.80%	0.00%
Automobile	8.00%	28.00%
Bus	18.80%	26.00%
Cutaway	18.00%	23.00%
Minivan	2.00%	21.50%
Other	13.00%	0.00%
Over-the-road Bus	18.80%	17.50%
School Bus	0.00%	100.00%
Sports Utility Vehicle	8.00%	40.00%
Van	2.00%	17.50%

NTD Feedback?

Email: NTDHelp@dot.gov
Include "UZA Data Table" in the Subject Line

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NTD Training and Resources

- Urban Full Reporting through NTI:

  www.ntionline.com/national-transit-database-urban-reporting/

- Recordings:

  www.transit.dot.gov/ntd/presentations-and-webinars

- NTI webinar (October 6, 2020):

  www.youtube.com/watch?v=JBy9jnfpIZc

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New Resources

New Resources

- Interactive resource table on the TAM website www.transit.dot.gov/tam/search

- Easier to find

- Keyword search

- Date search

- What's new list

Transit Asset Management Resource Table

The TAM Resource Table is designed to support successful agency implementation of Transit Asset Management. This table contains resources such as FTA reports, materials from webinars and roundtables, and publications from external stakeholders. Search the inventory of available resources by keyword, author, date range, or document type. View documents by clicking on resource titles.

Agencies are encouraged to submit examples of policies, processes, tools, and other resources to TAM@dot.gov for inclusion in the table. TAM Plans are also accepted, to be featured on the APTA Transit Asset Management site.

Keywords	Author	From		To	
		January	2000	July	2020

Document Type	Tag		
- Any -	- Any -	Apply	Reset

Title	Author	Document Type	Date
Using NTD Data to Support TAM	FTA	Webinar	June 2020
TAMNews - May 2020	FTA	Newsletter	May 2020
Multi-State Transit Technical Assistance Program	FTA	Webinar	March 2020
FTA FY20 Comprehensive Review Guide Section 6: Transit Asset Management	FTA	Report	March 2020
Workforce Planning and Development	FTA	Webinar	February 2020

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New Resources Posted
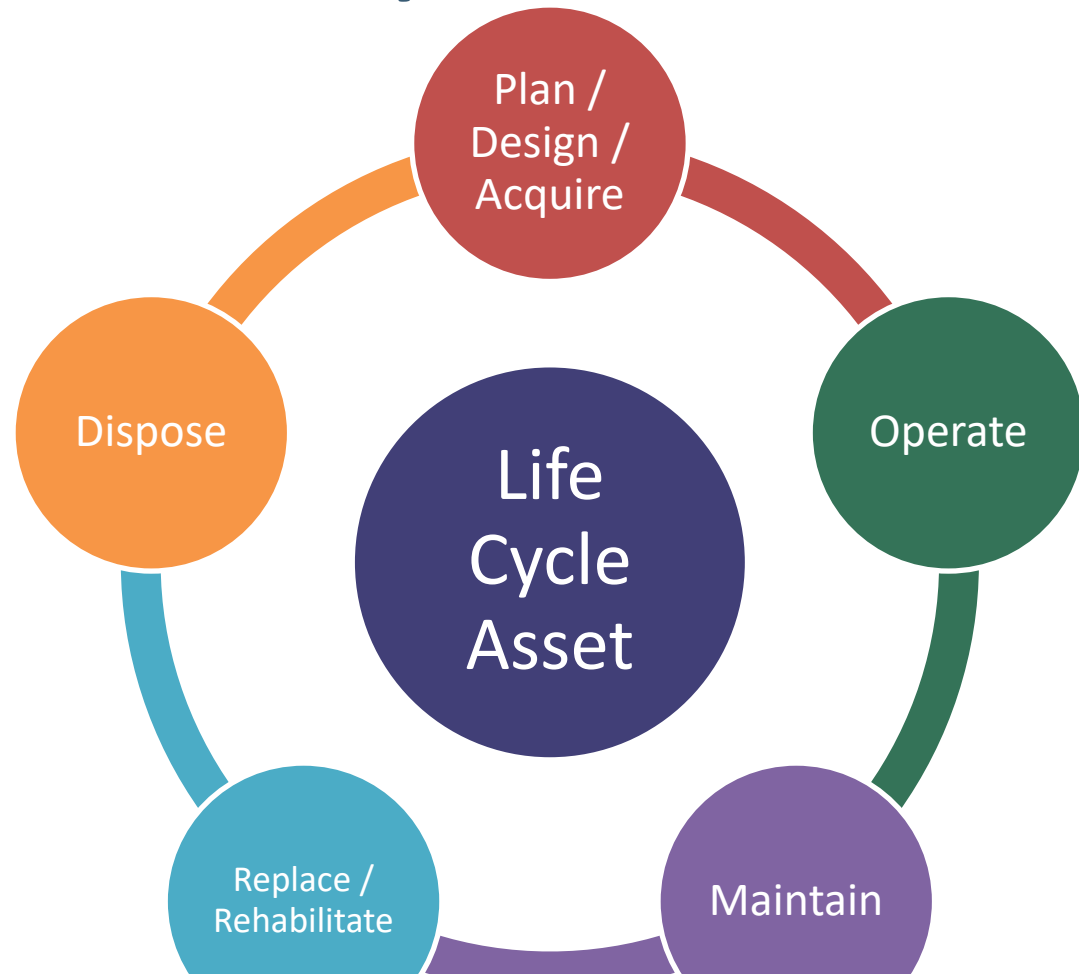
- Events:
  - First Virtual Roundtable (July 2020)
    - Recording www.youtube.com/watch?v=XVMDXgyUeO4
    - Presentationswww.transit.dot.gov/TAM/SGRroundtables/2020Roundtable
- Reports:
  - Investment Prioritization Synthesis
  - Decision Support Tool (DST) Synthesis

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TAM Investment Prioritization State of the Practice Synthesis

- State of the practice of TAM investment prioritization at transit agencies

www.transit.dot.gov/TAM/TAMPlans/InvestmentPrioritizationStateofthePractice

Plan / Design / Acquire

Operate

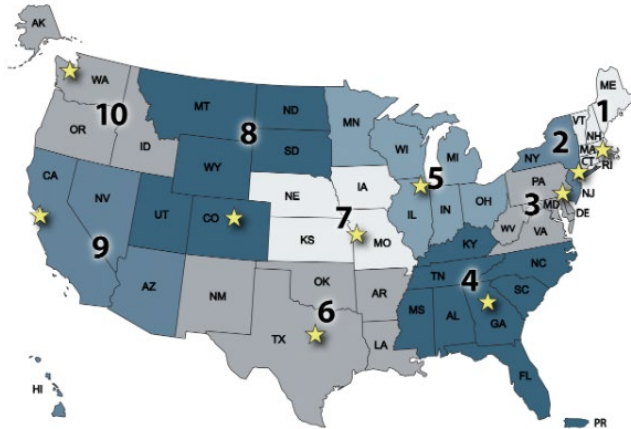Maintain

Replace / Rehabilitate

Dispose

Life Cycle Asset

TAM Decision Support Tool
State of the Practice Synthesis

- State of the practice of TAM decision support tools implementation

- Real-world applications and noteworthy practices

www.transit.dot.gov/TAM/TAMPlans/DecisionSupportToolStateofthePractice

Best Resource: TAM Contacts

www.transit.dot.gov/TAM

TAM@dot.gov

1	Christopher LaMacchia
	Leah Sirmin
2	Sheldon Soleyn
3	Anne Marie Coughlin
	Ryan Long
4	Guanying Lei
	Parris Orr
5	Lisa Joiner
	Cecilia Godfrey-Crenshaw
6	Lynn Hayes
	Eddie Chavarria
7	Bill Kalt
	Jeremiah Shuler
8	Ranae Tunison
9	Susan Ko
	Jean Mazur
10	James "Steve" Saxton

Questions?

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