DRCOG / FTA Region 8: RTD TAMP Summary

DRCOG Board of Directors Meeting - November 28, 2018

Presentation Goals

- Asset Management – what are
  - AM / TAM / SGR
- Background
  - FTA MAP21 / FAST Act and TAM Final Rule Making
    - TAM Requirements
- TAMP (Transit Asset Management Plan)
  - Assets deliver our agency objective

Section 1 - Fundamentals

Managing Assets vs. Asset Management

…but then what?

Asset Management involves the balancing of costs, opportunities and risks against the desired performance of assets, to achieve the organizational objectives.

Source: ISO 55000

State of Good Repair

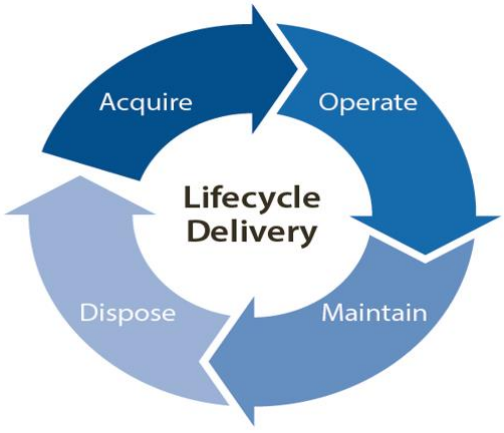
The condition in which a capital asset is able to operate at a **full level of performance**. This means the asset:

1. Is able to perform its designed function,
2. Does not pose a known unacceptable safety risk, and
3. Its lifecycle investments have been met or recovered.

FTA FEDERAL TRANSIT ADMINISTRATION

Final Rule: National Transit Asset Management System 23

Managing Assets



Systematic Approach: Asset Management

Section 2 – MAP21 / FAST Act

Compliance

FTA Themes

Prescriptive

TAM Plan Requirements

- ✓ Asset Inventory
- ✓ Condition Assessments
- ✓ Decision Support Tools
- ✓ Investment Prioritization
- ✓ TAM & SGR Policy
- ✓ Implementation Strategy
- ✓ List of Key Annual Activities
- ✓ Identification of Resources
- ✓ Evaluation Plan

Accountable

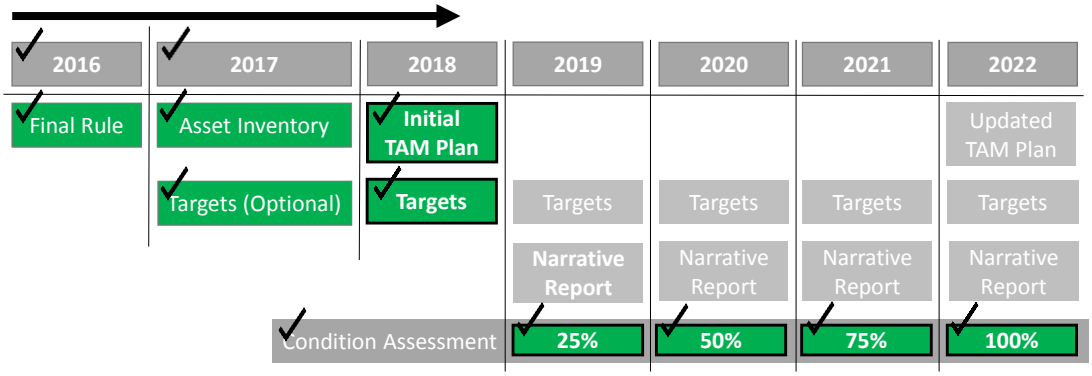
- ✓ Accountable Executive
- ✓ Deadlines
- ✓ Grant Eligibility

MAP 21: FTA requirements 9 TAMP elements

No.	TAMP Element	Description
1	**Asset inventory**	All capital assets owned by agency, including equipment (construction, maintenance, service vehicles), rolling stock (rail cars, buses, ferries), infrastructure (fixed guideway, signal systems, structures, power), facilities (support, passenger, parking)
2	**Condition assessment**	A rating of the inventoried assets with direct capital responsibility (age, condition, percentage of residual life, vulnerability to natural/climate hazards etc). At the individual or asset class level.
3	**Decision-making approach / support tools**	List analytical processes used to make investment prioritization, does not have to be software tool
4	**Investment prioritization**	A financially constrained ranked listing of proposed projects ordered by year of planned implementation, prioritized based on local policy, needs, safety risks, etc
5	**TAM and SGR Policy**	The agency's vision for TAM, SMART objectives, roles and responsibilities
6	**Implementation strategy**	Operational level process for implementing TAM Plan
7	**Roadmap activities**	Description of actions needed to implement TAM Plan for each year of the plan's horizon
8	**Needed resources**	Staffing, technology, funding, etc
9	**Evaluation plan for continuous improvement**	How TAM activities will be monitored, evaluated, and updated to ensure the continuous improvement of TAM practices

* Source: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/TAMFinalRule_Presentation.pdf

Today in Context – **Compliant**

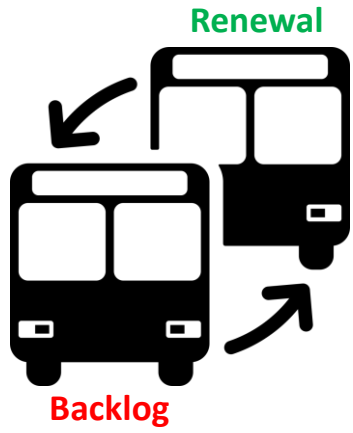


Shifting Perspective

Federal Transit Administration

- *"MAP-21 fundamentally shifted the focus of Federal investment in transit to emphasize the need to maintain, rehabilitate, and replace existing transit investments."*
- *"Deciding how to best balance and prioritize reasonably anticipated funds (revenues from all sources) towards improving asset condition and achieving a sufficient level of asset performance within those means"*

Shifting Focus

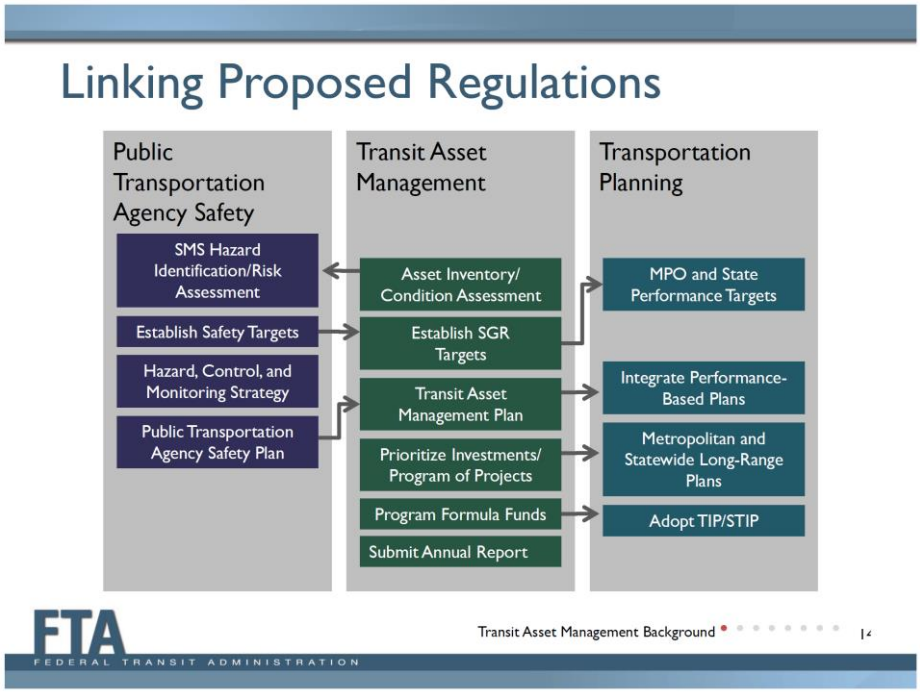


Benefits of a TAM culture

- Better business investments
- Mission alignment across all departments
- Flexible reaction to changes
- Stakeholder confidence increases

Phil Jackson
"Before a vision can become a reality, it must be owned by every member of the group"

FTA FEDERAL TRANSIT ADMINISTRATION



Constraints

Federal Transit Administration

"…the SGR grants alone will not be enough to address the backlog." *FTA 49 CRF Parts 625 and 630*

"In these financially constrained times, transit agencies will need to be more strategic in the use of all available funds." *FTA 49 CRF Parts 625 and 630*

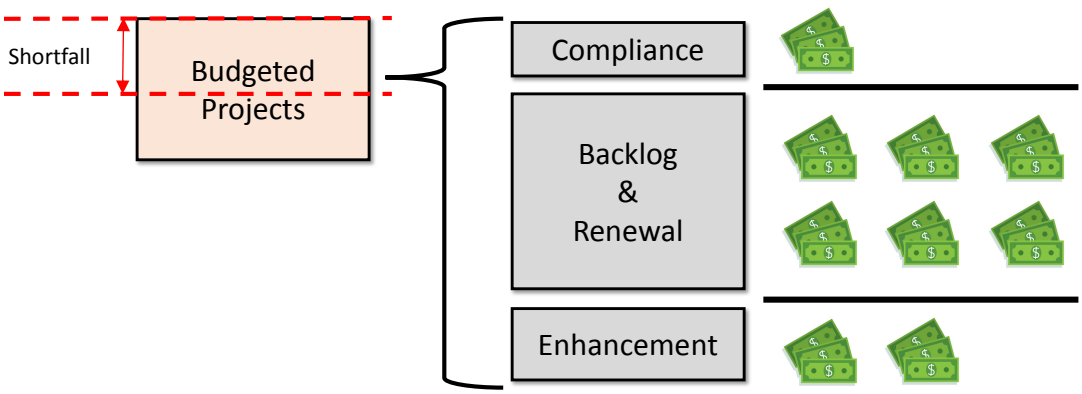
https://www.gpo.gov/fdsys/pkg/FR-2016-07-26/pdf/2016-16883.pdf

Priorities & Options

"…set meaningful transit SGR performance targets and to achieve those targets is critically dependent upon the ability of all parties to work together to prioritize the funding of SGR projects from existing funding sources." FTA 49 CRF Parts 625 and 630

https://www.gpo.gov/fdsys/pkg/FR-2016-07-26/pdf/2016-16883.pdf

Strategically Manage



Alignment to Purpose

Moving People

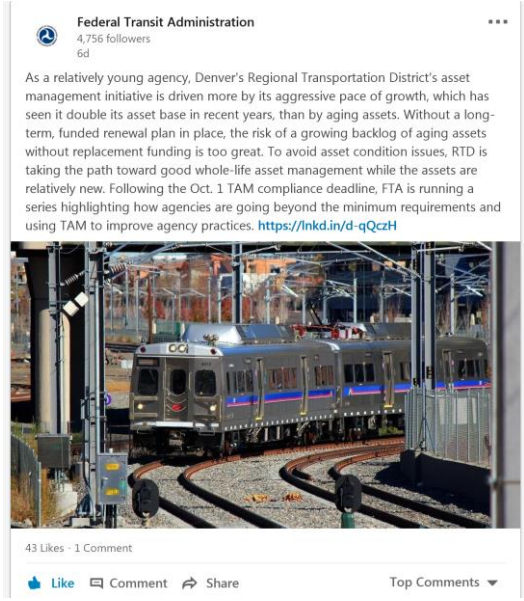
Section 3 – TAMP

Compliance

RTD TAMP Structure

We are Compliant

- Accountable Executive certified TAM compliance.
- Compliance during a comprehensive oversight review (Triennial or State Management)
- FTA holding RTD up as an example.



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