



FEDERAL TRANSIT ADMINISTRATION

# **Performance Management Framework**

**Asset Management, State of Good Repair,  
Safety & Performance-Based Planning**

**Performance Based Planning Roundtable  
Atlanta, Georgia, September 2017**

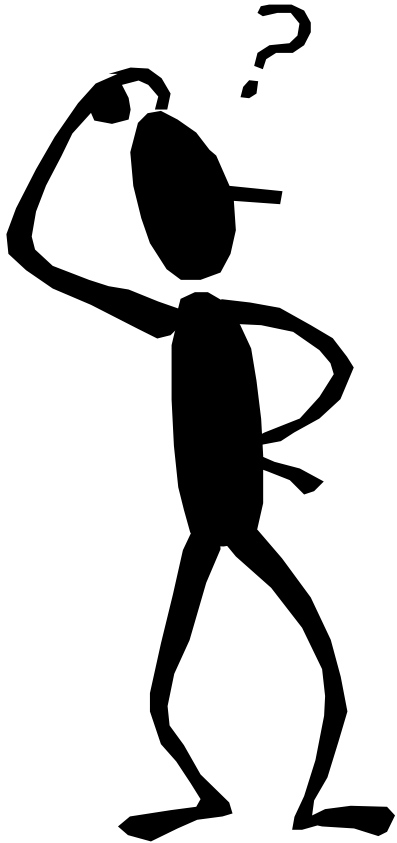


U.S. Department of Transportation  
Federal Transit Administration

# Performance Based Planning Requirements

- What is MAP-21's Performance Management Framework?
- How are transit SGR and safety linked with performance-based planning at the MPO?
- What is the transit agency's role in PBPP?

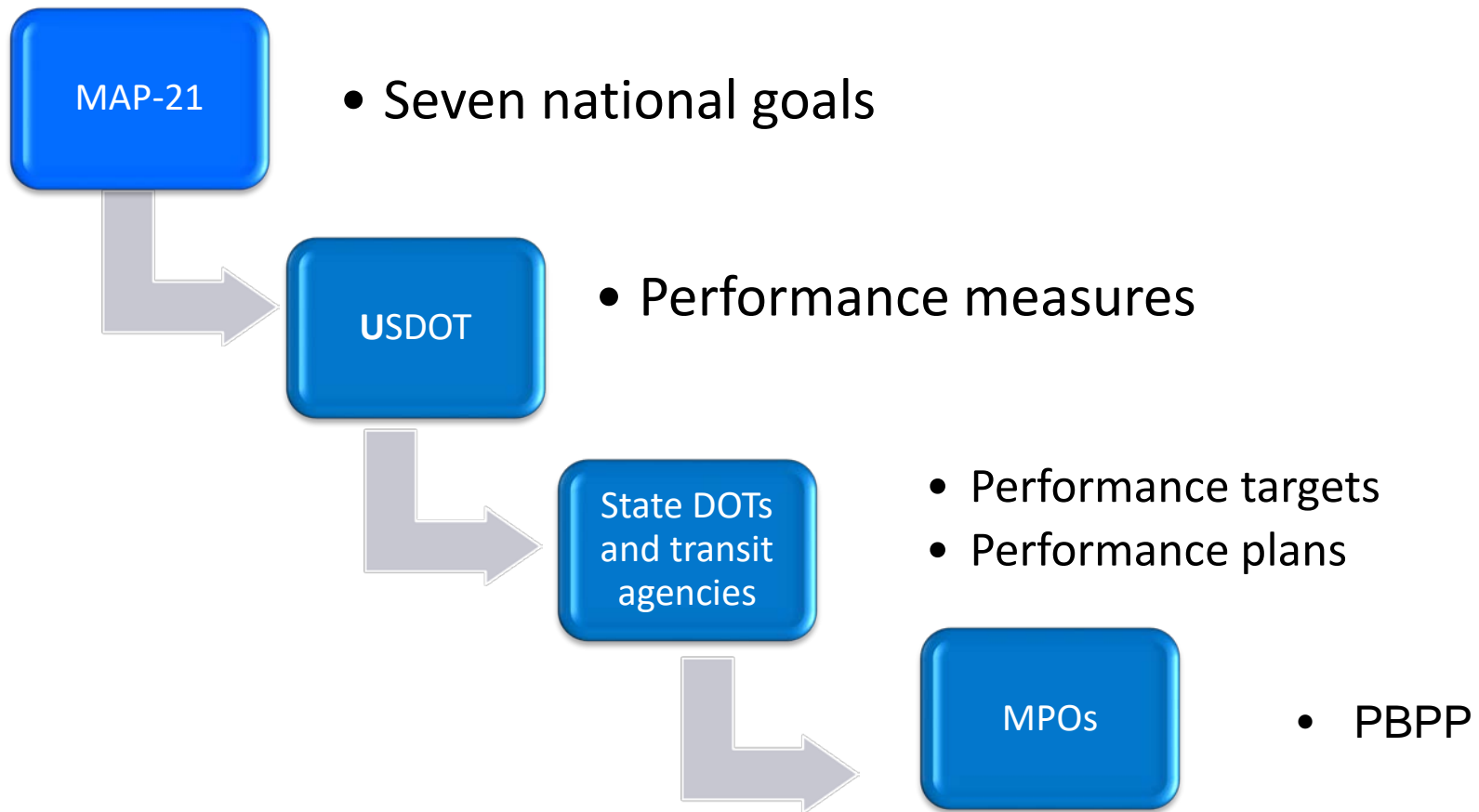
# MAP-21 Performance Management



**What is MAP-21's  
Performance Management  
Framework?**

# MAP-21 Performance Management Framework

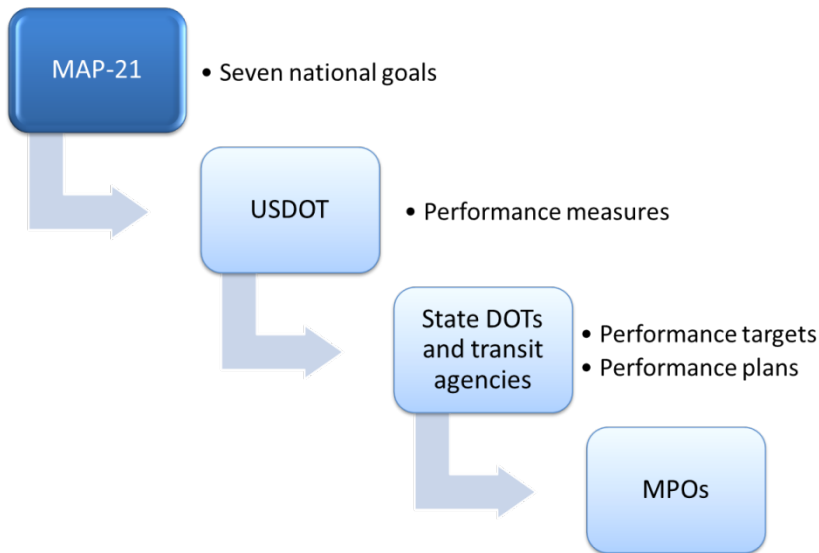
To increase accountability and transparency



# MAP-21 Performance Management Framework

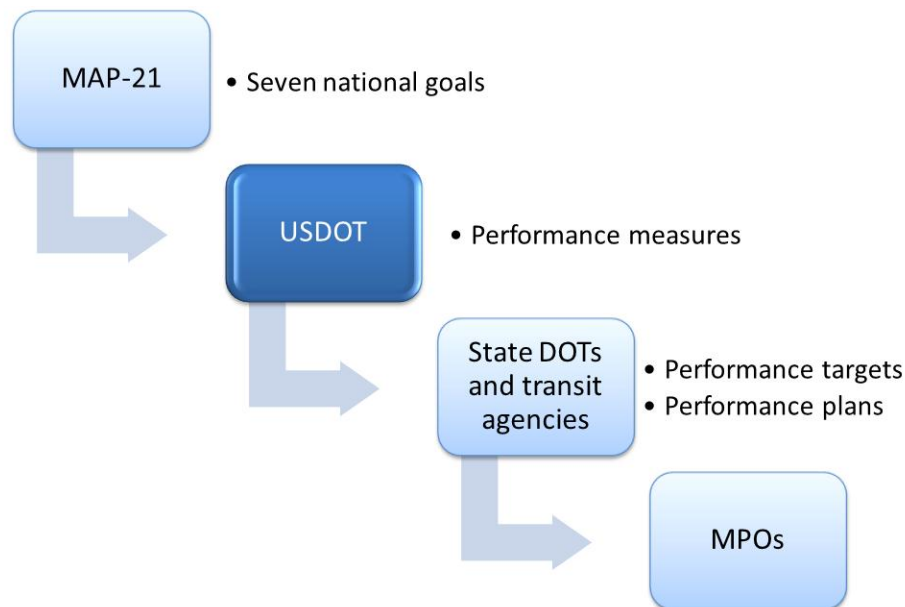
## SEVEN NATIONAL GOALS

1. Safety
2. Infrastructure Condition
3. Congestion Reduction
4. System Reliability
5. Freight Mobility and Economic Vitality
6. Environmental Sustainability
7. Reduced Project Delivery Delays



# MAP-21 Performance Management Framework

## USDOT PERFORMANCE MEASURES



- RULEMAKINGS

- FTA

- Safety (5329)
- Transit Asset Management (5326)

- FHWA 150(c)

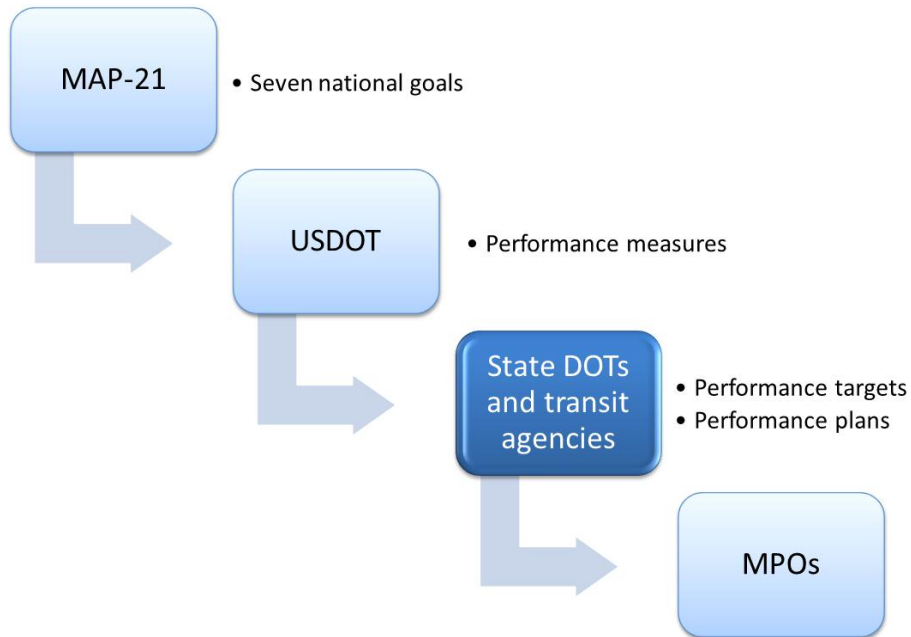
- Safety
- Asset Condition
- Congestion, Air Quality, Reliability

- FHWA/FTA

- Metropolitan and Statewide and Nonmetropolitan Transportation Planning

# MAP-21 Performance Management Framework

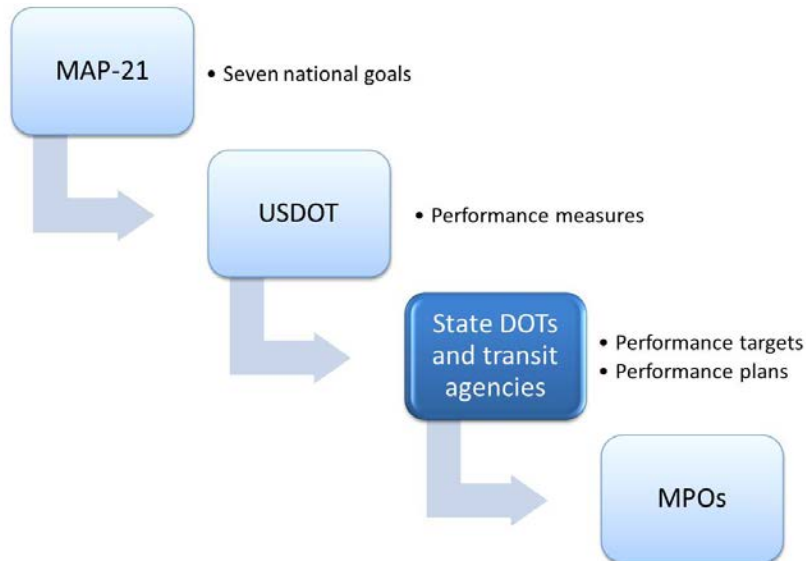
## State DOT and Transit Agency Performance Targets



- Transit Agencies (FTA Grantees)
  - Establish SGR performance targets not later than **3 months** after TAM Rule
  - Establish Safety performance targets **1 year** after the Agency Safety Plan Final Rule
- State DOTs
  - Establish performance targets not later than **1 year** after 150(c) measures established

# MAP-21 Performance Management Framework

## PERFORMANCE PLANS

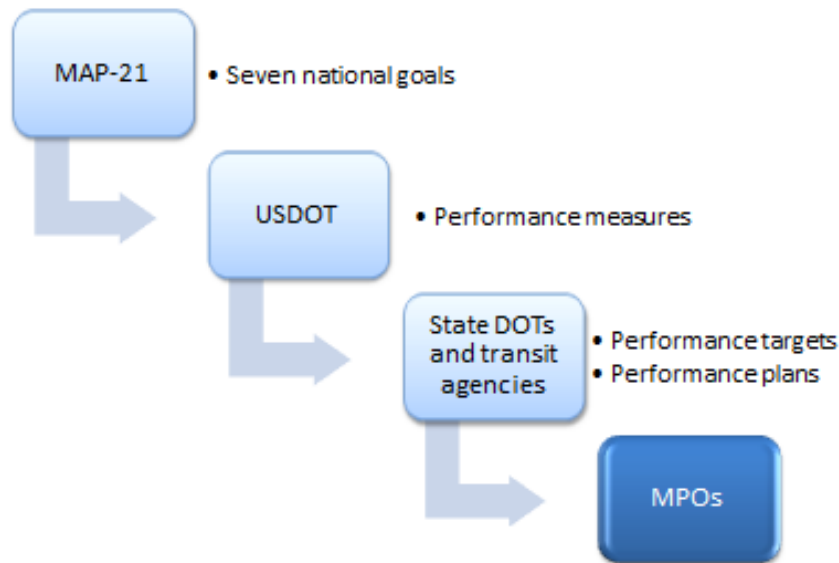


- FTA Grantees
  - Transit Asset Management (TAM) Plan
  - Public Transportation Agency Safety Plan
- FHWA Grantees (Title 23)
  - State Highway Safety Improvement Plan
  - State NHS Asset Management Plan
  - Congestion Management Plan (TMA > 1 million)
  - State Freight Plan (optional)



# MAP-21 Performance Management Framework

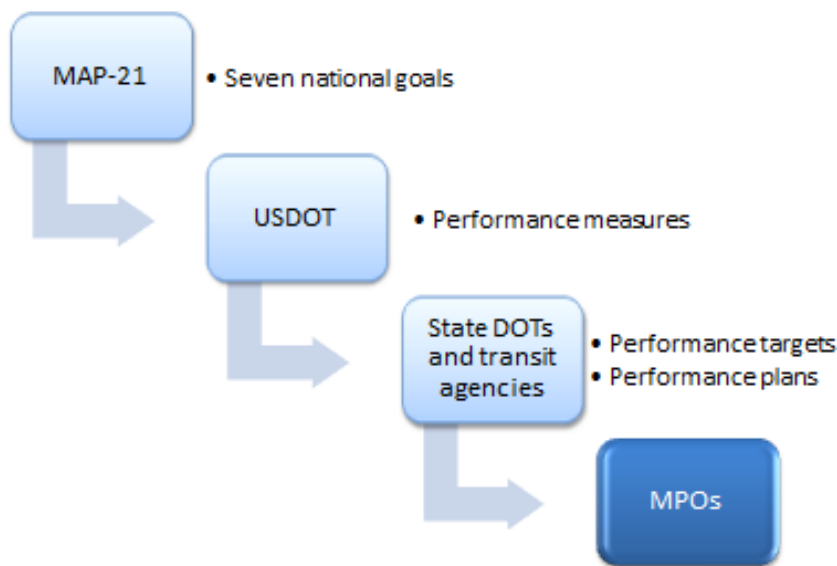
## MPOs Integrate State and Transit Agency Performance Plans



- **Metropolitan Transportation Plan and Transportation Improvement Program**
- Either directly or by reference
- Goals, objectives, performance measures, and targets
- Includes
  - transit agency safety plan
  - transit asset management plan
- Demonstrate Progress towards meeting targets

# MAP-21 Performance Management Framework

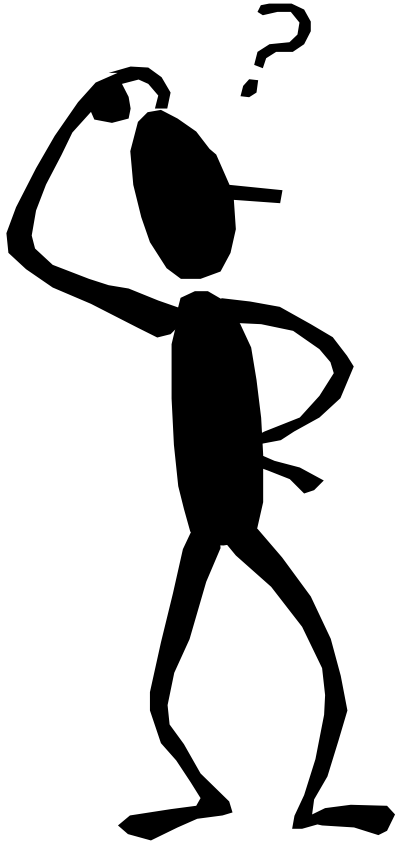
## MPO PERFORMANCE TARGETS



- Establish performance targets within **180 days** after State and public transportation providers establish performance targets
- Coordinate with providers of public transportation to select SGR and safety targets
- Coordinate with State to select 150(c) targets

# Questions?

# MAP-21 Performance Management



**What is the transit agency's  
role in the performance  
based planning process?**

# Transit Providers and Performance Based Planning

- Participate in the MPO Planning Process
  - Representation on the MPO
  - Metropolitan Planning Agreements
  - Establish Performance Targets for State of Good Repair and Safety
  - Share Performance Based Plans for TAM and Safety with the MPO and State DOT

# Transportation Planning Joint Rulemaking

## **MPO Structure: New Provision**

- Within two years of enactment of MAP-21- October 2014
- MPOs serving TMA areas shall consist of:
  - Local elected officials
  - Officials of public agencies that operate major modes of transportation ***including representation by providers of public transportation***
  - Appropriate State officials
- MPO does not need to re-designate to restructure

# Transportation Planning Joint Rulemaking

## **Representation by Providers of Public Transportation**

- Have equal decision-making rights and authorities
  - Be elected or appointed board members or senior officer of transit provider – can wear “two hats”
  - Operate in TMA and be eligible recipient of Urbanized Area Formula Funds
  - Be selected through a cooperative process
- Affirmed by FAST Act
  - MPO Self-Certification --- TIP/STIP Submittal

# Transportation Planning Joint Rulemaking

## **Representation by Providers of Public Transportation EXEMPTION**

- operates pursuant to a State law that was in effect on or before December 18, 1991 and
- State law has not been amended after December 18, 1991 to change the structure or organization of the MPO; and
- MPO has not been designated or re-designated after December 18, 1991



# Transportation Planning Joint Rulemaking

## Metropolitan Planning Agreements

- Written agreement(s) among States, MPOs and Providers of Public Transportation
- Should include specific provisions for
  - cooperatively developing and sharing information related to transportation systems performance data
  - the selection of performance targets
  - the reporting of performance targets
  - the reporting of system performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO
  - and the collection of data for the asset management plans for the NHS

# MAP-21 Performance Management Framework

***How are transit agency SGR needs and safety linked with performance-based planning at the MPO?***



# Transit Asset Management

**Inventory Assets and Assess Condition**

**Establish SGR Targets**

**Prepare Transit Asset Management  
Plan**

**Prioritize Investments/ Program of  
Projects**

**Program Funds**

**Submit Annual Report**

# Grantees Have to:

- Set Targets for 4 categories of assets
- Develop and maintain a TAM Plans
  - Asset inventories
  - Condition Assessments
- Report Annually to NTD
- Share with Planning partners
  - TAM Plan
  - Performance targets
  - Investment strategies
  - Annual condition assessments

# TAM Plan Elements

- |                                  |                                       |
|----------------------------------|---------------------------------------|
| 1. Inventory of Capital Assets   | <b>All Providers</b><br>(Tier I & II) |
| 2. Condition Assessment          |                                       |
| 3. Decision Support Tools        |                                       |
| 4. Investment Prioritization     |                                       |
| 5. TAM and SGR Policy            | <b>Tier I only</b>                    |
| 6. Implementation Strategy       |                                       |
| 7. List of Key Annual Activities |                                       |
| 8. Identification of Resources   |                                       |
| 9. Evaluation Plan               |                                       |



# TAM Plan Applicability

Tier

I

Operates Rail

OR

≥ 101 vehicles across all  
fixed route modes

OR

≥ 101 vehicles in one non-  
fixed route mode

Tier

II

Sub-recipient of 5311 Funds

OR

American Indian Tribe

OR

≤ 100 vehicles across all  
fixed route modes

OR

≤ 100 vehicles in one  
non-fixed route mode

# Performance Measures

Category	Performance Measure	Scale
Equipment	Percentage of non revenue service vehicles that have met or exceeded Useful Life Benchmark (ULB)	ULB
Rolling Stock	Percentage of revenue vehicles within a particular asset class that have met or exceeded Useful Life Benchmark (ULB)	ULB
Infrastructure	Percentage of track segments with performance restrictions by class	Slow Zone
Facilities	Percentage of facilities with a condition rating below 3.0 on FTA Transit Economic Requirements Model (TERM) Scale (1 = Poor to 5 = Excellent)	TERM

# Certification

- TAM Plans are Self-Certified by the Accountable Executive
- FTA will update Certifications and Assurances to reflect TAM Plan requirements
- FTA will review Plans and Progress during Triennial and State Management Reviews, as well as during *MPO Certification Reviews*



# SGR Targets

FTA must establish performance measures based on the SGR definition

Recipients set their own targets, report on progress annually

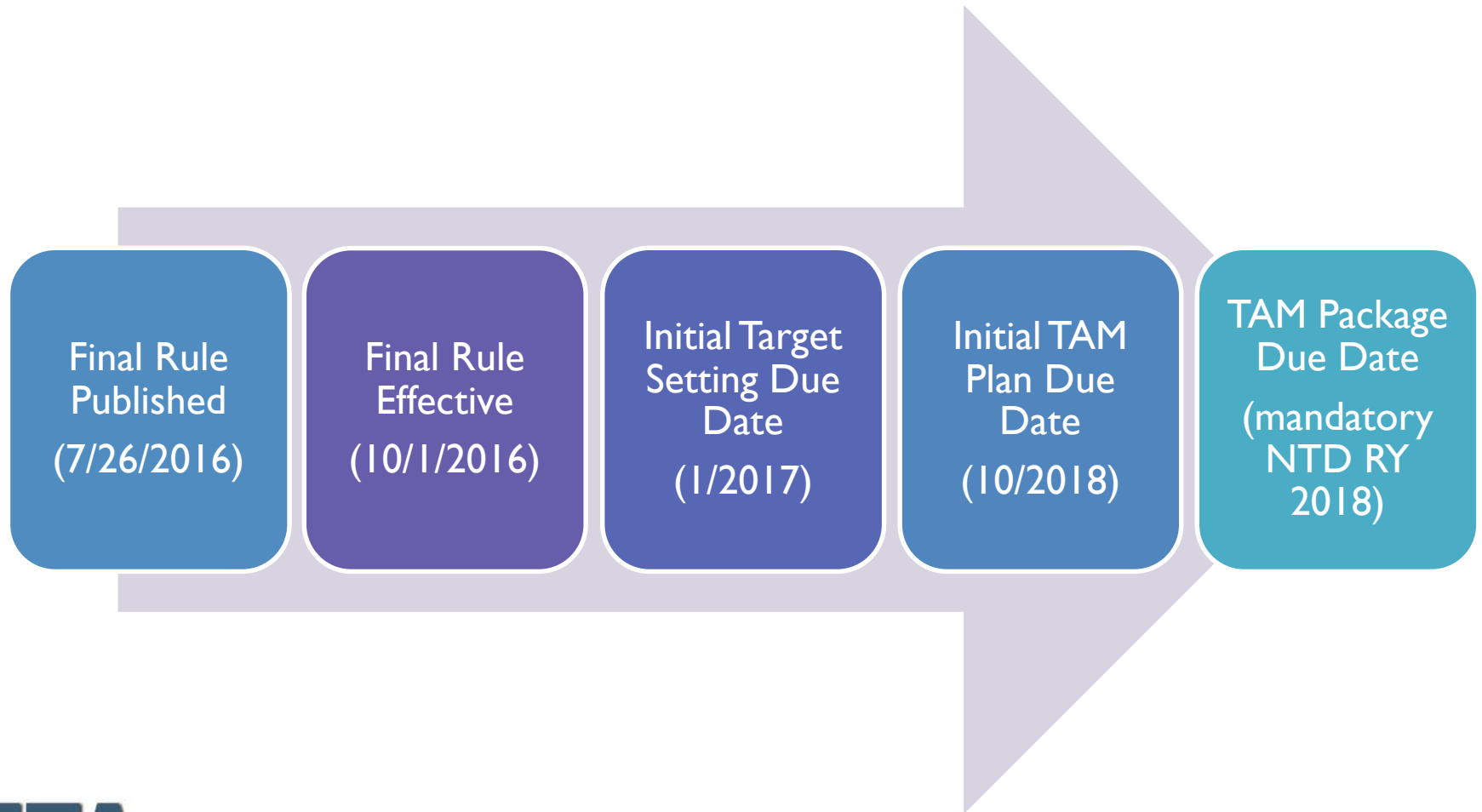
- No reward for making a target
- No penalty for missing a target

Investment  
Prioritization

SMS  
Approach to  
Safety

Performance-  
Based  
Planning  
Process

# Where do we go from here?



# TAM\_Initial Deadlines

- Share targets with MPOs July 2017
- Compliant TAM Plan Oct 2018
- Annual data report Report year '18
  - Asset Inventory
  - Condition Assessment
  - SGR targets
- Annual narrative report Report year '19
- Coordinate with Planning Oct 2018

[www.transit.dot.gov/TAM](http://www.transit.dot.gov/TAM)

# Resources

# Performance Based Planning Resources

- Performance Based Planning Website
  - Fact Sheet
  - Frequently Asked Questions
  - Roles and Responsibilities
  - Timeframes
  - Recorded Webinars and Presentations

<https://www.transit.dot.gov/performance-based-planning>

# Key Technical Assistance

- Small Providers TAM Guide
  - Includes Template for compliant or comprehensive TAM plan
- Performance Measure Guidebooks
  - [Facility Condition Assessments](#)
  - [Measuring Slow Zones on Infrastructure](#)
- TAM News newsletters
- Updated training courses

# Final Rule Resources

- TAM Compliance Checklists
- Final Rule Fact Sheets
- FAQs
- Revamped Website
  - Getting Started Page
  - Resources by topic and type

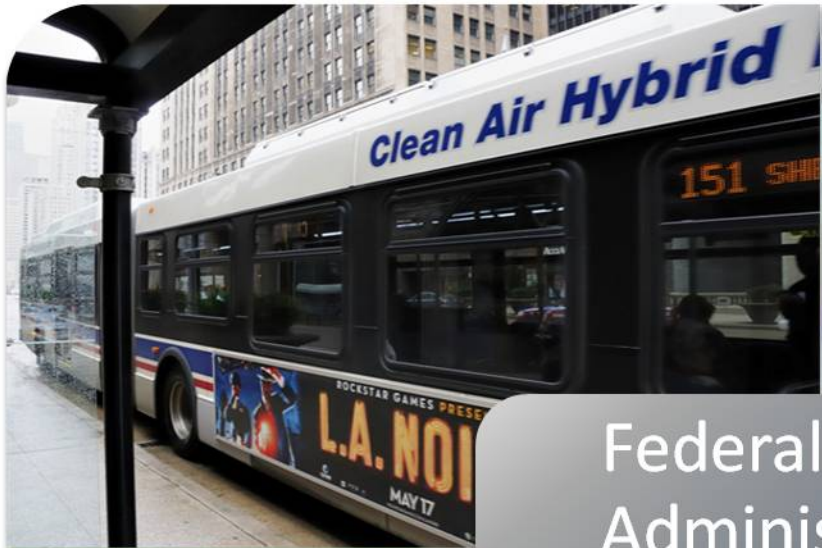
[www.transit.dot.gov/TAM](http://www.transit.dot.gov/TAM)

# Questions?



# FTA Performance Related Rulemakings Contacts

- Joint Planning Final Rule
  - [Sherry.Riklin@dot.gov](mailto:Sherry.Riklin@dot.gov)
  - [Dwayne.Weeks@dot.gov](mailto:Dwayne.Weeks@dot.gov)
- Transit Asset Management Final Rule
  - [John.Giorgis@dot.gov](mailto:John.Giorgis@dot.gov)
  - [Mshadoni.Smith@dot.gov](mailto:Mshadoni.Smith@dot.gov)
- Safety NPRMs
  - [Candace.Key@dot.gov](mailto:Candace.Key@dot.gov)
  - [Michael.Culotta@dot.gov](mailto:Michael.Culotta@dot.gov)



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Administration  
[www.fta.dot.gov](http://www.fta.dot.gov)



**FTA**

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