



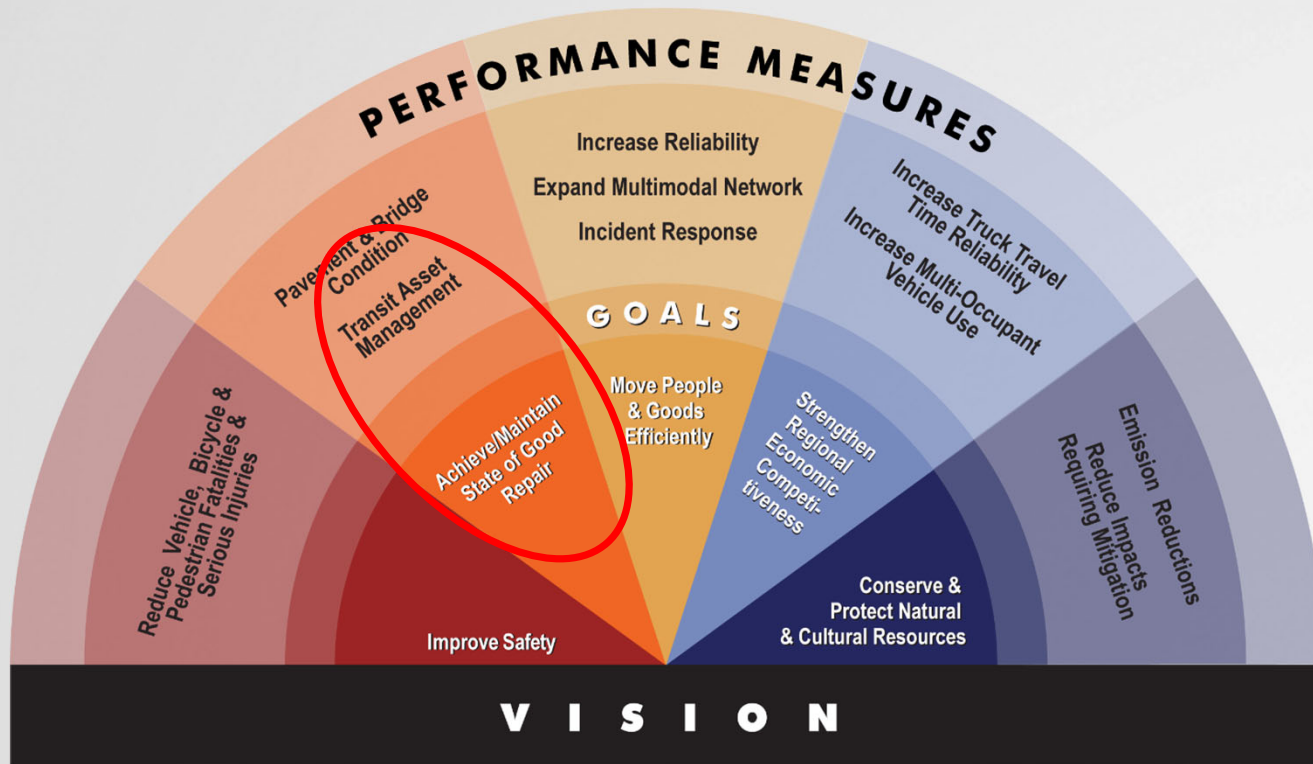
# ***Transit Asset Management & National Transit Database Overview***



***RTP Project Sponsor Workshop  
May 15<sup>th</sup>, 2024***



# RTP References



GOAL	STRATEGIES			PERFORMANCE MEASURE
	MANAGE [Improve System Management & Operations]	MAINTAIN [Asset Management]	EXPAND [Transportation Network Capacity]	
Improve Safety	•	•	●	Reduce Crash Rates of Fatalities and Serious Injuries
Achieve/Maintain State of Good Repair	•	•	•	Pavement & Bridge Conditions and Transit Asset Management
Move People and Goods Efficiently	•	•	●	Increase Reliability, Expand Multimodal Network and Improve Incident Response
Strengthen Regional Economic Competitiveness	•	•	•	Increase Truck Travel Time Reliability and Increase Multi-Occupant Vehicle Use
Conserve and Protect Natural and Cultural Resources	•	•	●	Emission Reductions and Reduce Impacts Requiring Mitigation

MAINTAIN	EXAMPLES
Roadway	Reconstruction, rehabilitation, or repaving of roadways and access facilities
Bridges	Upgrade facilities to new standards or rehabilitate for future use
Transit Facilities	Improve bus stops, transit centers, guideways, stations, or vehicle replacement or repair
Pedestrian Facilities	Upgrade to current design guidelines and ADA requirements

# Process Overview



- **Purpose: Ensure State of Good Repair**
- **Overview:**
  - **Final Rule issued in 2016**
  - **Each transit agency has a Transit Asset Management Plan**
  - **Updated at least once every 4 years**
  - **Considers all major assets (even if not purchased using federal \$)**
  - **TAM Final Rule Fact Sheet:**
    - [transit.dot.gov/sites/fta.dot.gov/files/2021-11/TAM-Final-Rule-FactSheet.pdf](https://transit.dot.gov/sites/fta.dot.gov/files/2021-11/TAM-Final-Rule-FactSheet.pdf)

# Performance Measures

<b>Asset Category</b>	<b>Performance Measure</b>
<b>Rolling Stock</b>	<b>Age</b> - % of Revenue Vehicles exceeding their Useful Life Benchmark (ULB)
<b>Equipment</b>	<b>Age</b> - % of Non-revenue Vehicles exceeding their Useful Life Benchmark (ULB)
<b>Facilities</b>	<b>Condition</b> - % of Facilities with a condition rating below 3 on the TERM scale (Marginal or Poor)
<b>Infrastructure</b>	<b>Performance</b> - % of Rail track segments, signals and systems with performance restrictions

Link to ULB Cheat Sheet: [transit.dot.gov/sites/fta.dot.gov/files/2021-11/TAM-ULB-CheatSheet.pdf](https://transit.dot.gov/sites/fta.dot.gov/files/2021-11/TAM-ULB-CheatSheet.pdf)



# Alternate Funding Opportunities



- FTA Urbanized Area Formula Grants – 5307
  - Operations & Maintenance only
  - [transit.dot.gov/funding/grants/urbanized-area-formula-grants-5307](https://transit.dot.gov/funding/grants/urbanized-area-formula-grants-5307)
- FTA Enhanced Mobility of Seniors & Individuals with Disabilities – 5310
  - [transit.dot.gov/funding/grants/enhanced-mobility-seniors-individuals-disabilities-section-5310](https://transit.dot.gov/funding/grants/enhanced-mobility-seniors-individuals-disabilities-section-5310)
- Formula Grants for Rural Areas – 5311
  - Capital, planning, and operating assistance
  - [transit.dot.gov/rural-formula-grants-5311](https://transit.dot.gov/rural-formula-grants-5311)
- List of all grants is at [transit.dot.gov/grants](https://transit.dot.gov/grants)





# *National Transit Database (NTD)*





# NTD Background



- Started in 1974
- Grant recipients are required to submit data annually
- Other agencies report annually based on their fiscal year
- Data is available at: [www.transit.dot.gov/ntd/ntd-data](http://www.transit.dot.gov/ntd/ntd-data)
- Transit agency profiles:  
[transit.dot.gov/ntd/transit-agency-profiles](http://transit.dot.gov/ntd/transit-agency-profiles)
- Data includes:
  - Ridership
  - Asset condition
  - Capital expenditures

# NTD State of Good Repair Metrics



- TAM Performance Tool
- Asset Inventory Time Series
- Annual Database Facility Inventory
  - TERM scale

Rating	Condition	Description
5.0 to 4.8	Excellent	No visible defects, near new condition
4.0 to 4.7	Good	Some (slightly) defective or deteriorated component(s)
3.0 to 3.9	Adequate	Moderately defective or deteriorated component(s)
2.0 to 2.9	Marginal	Defective or deteriorated component(s) in need of replacement
1.0 to 1.9	Poor	Critically damaged component(s) or in need of immediate repair



# Questions?



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