



Board Report

File #: 2024-0456, **File Type:** Oral Report / Presentation

Agenda Number: 5.

**MEASURE M INDEPENDENT TAXPAYER OVERSIGHT COMMITTEE
OCTOBER 3, 2024**

SUBJECT: STATE OF GOOD REPAIR

ACTION: ORAL REPORT

RECOMMENDATION

RECEIVE oral report on State of Good Repair budget and expenses.

ISSUE

To support the discussion for the effective and efficient use of funds, this quarterly presentation provides the committee with Metro’s status in meeting State of Good Repair (SGR) requirements per the Federal Transit Administration’s Transit Asset Management (TAM) Rulemaking. This includes progress on condition assessments performed by Enterprise Transit Asset Management (ETAM) in support of the implementation of the new Enterprise Asset Management (EAM) system.

EQUITY PLATFORM

The Enterprise Transit Asset Management (ETAM) assessment contracts cover all Metro-owned stations, tunnels, bridges, facilities, and buildings that house Metro employees who provide transportation services and benefits to riders. The ETAM assesses all of Metro’s structures and facilities to prevent major disruption of service to Los Angeles communities. Ensuring a state of good repair directly benefits riders, particularly those from Equity Focus Communities, who are more reliant on public transportation for their daily needs.

ATTACHMENTS

Attachment A - Presentation

Prepared by: Denise Longley, Executive Officer, Administration, (213) 922-7294

Reviewed by: Kenneth Hernandez, Interim Chief Safety Officer, (213) 922-2990



Measure M Independent Taxpayer Oversight Committee

Enterprise Transit Asset Management
State of Good Repair

October 3, 2024



Metro

TAM Inventory Database Overview - FY24 Q4

ETAM must remain in compliance with the FTA's TAM Rulemaking 49 CFR Part 625 by reporting annually, so Metro can remain eligible for federal grants.

- Asset Inventory Database Statistics
 - Tracking approximately 33,200 asset records
 - \$24.6B Asset Replacement Value
 - \$31.7B SGR needs over 40 years
 - \$3.3B Current Backlog

- ETAM Reported data through 6/30/2023 into National Transit Database (NTD) by 10/31/2023 deadline
 - 17 reports regarding asset inventory
 - Annual TAM Narrative Report
 - Performance Measure Targets Report
 - Group TAM update

- FTA FY24 Triennial Audit “Recipient Information Request” (RIR) commenced in Q3. Entrance interview and audit week of Sept. 9, 2024.



Metro

Transit Asset Management – Accomplished and In Progress as of FY24 Q4

Support Implementation of new Enterprise Asset Management System (EAMS):

- ETAM supporting inclusion of TAM functionality in EAM system integration.

Continued Condition Assessments:

- Structures Inspections Contract – 7-year contract for FY 20-26 inspections. 63 of 63 final inspection reports approved by the end of FY24 Q4. 27 inspections scheduled for completion in FY25.
- Facility Condition Assessments required per FTA TAM Rulemaking – 3-year contract for FY23-25 required assessments. 68 of 68 final inspection reports approved by the end of FY24 Q4. 75 assessments scheduled for completion in FY25.

FTA TAM Rulemaking compliance deadline:

- **October 31, 2024:** Next reporting due for FY24.
- August/September – Validate information with asset owners; Formulate Performance Measures and Targets information, including Written Narrative.
- September/October – Receive Executive Approval to upload Metro Performance Target data into NTD.
- Upload data into National Transit Database (NTD) for multiple asset reports by ETAM, including Group TAM Plan targets by NTD deadline.



Metro

Federal Transit Administration (FTA) Annual Reporting 10/31/2023

Rolling Stock and Equipment

FTA TAM Rulemaking: “§ 625.45, Setting performance targets for capital assets.

(a) General.

(1) A provider must set one or more performance targets for each applicable performance measure.

(2) A provider must set a performance target based on realistic expectations, and both the most recent data available and the financial resources from all sources that the provider reasonably expects will be available during the TAM plan horizon period.”

FTA TAM Performance Measures / Targets					Based on FY23 Census Date (6/30/2023)				FY24 Forecast (6/30/24)					
Asset Class	Performance Measure based on 49 CFR Part 625	① FY23 Target (reported to FTA)	② = ⑥ / ⑤ FY23 Actual (Calcd by FTA)	② = ① FY23 Performance Meet/Exceed	③ = ⑩ / ⑨ FY24 Target * (reported to FTA)	④ Total Asset Count	⑤ "Active" Asset Count	⑥ Exceeded ULB (NTD Method [‡])	⑦ Average Age	⑧ Total Asset Estimate	⑨ "Active" Asset Estimate	⑩ Exceeded ULB (NTD Method [‡])	⑪ Average Age	
Rolling Stock	Articulated Bus (AB)	36.00%	35.34%	Met	35%	274	266	94	7.7	275	271	94	8.5	
	Bus (BU)	625.43(b): Rolling stock. The performance measure for rolling stock is the percentage of [active, dedicated] revenue vehicles [for which the agency has capital responsibility] within a particular asset class that have either met or exceeded their useful life benchmark.	1.00%	1.74%	Not Met	1%	1,798	1,722	30	7.3	1,807	1,739	8	7.5
	Heavy Rail Vehicles (HR)		25.00%	30.23%	Not Met	30%	100	86	26	26.2	102	87	26	26.6
	Light Rail Vehicles (LR)		0.00%	0.00%	Met	0%	337	303	0	8.6	337	328	0	9.6
Asset Class	Performance Measure based on 49 CFR Part 625		FY23 Target (reported to FTA)	FY23 Actual (Calcd by FTA)	FY23 Performance Meet/Exceed	FY24 Target * (reported to FTA)	Total Asset Count	Exceeded ULB (NTD Method [‡])	Average Age	Total Asset Estimate	Exceeded ULB (NTD Method [‡])	Average Age		
Equipment	Automobiles	40.00%	39.83%	Met	52%		467	186	9.3		488	252	9.8	
	Trucks and Other Rubber Tire Vehicles	625.43(a): Equipment: (non-revenue) service vehicles. The performance measure for non-revenue, support-service and maintenance vehicles equipment is the percentage of those vehicles that have either met or exceeded their useful life benchmark.	46.00%	42.02%	Met	41%		1,021	429	10.4		1,039	425	10.6
	Steel Wheel Vehicles		20.00%	20.00%	Met	20%		10	2	10.1		10	2	11.1

* FY24 Target is the forecast performance or condition rounded up to the next whole percentage.

‡ Uses the FTA/NTD method of calculating age: Census Year - Year of Manufacture for each asset.



Federal Transit Administration (FTA) Annual Reporting 10/31/2023

Facilities and Infrastructure

FTA TAM Rulemaking: “§ 625.45, Setting performance targets for capital assets.

(a) General.

(1) A provider must set one or more performance targets for each applicable performance measure.

(2) A provider must set a performance target based on realistic expectations, and both the most recent data available and the financial resources from all sources that the provider reasonably expects will be available during the TAM plan horizon period.”

FTA TAM Performance Measures / Targets						Based on FY23 Census Date (6/30/2023)			
Asset Class	Performance Measure based on 49 CFR Part 625	① FY23 Target (reported to FTA)	② = ⑥ / ⑤ FY23 Actual (Calc'd by FTA)	② = ① FY23 Performance Meet/Exceed	③ = ⑩ / ⑨ FY24 Target * (reported to FTA)	④ Total Asset Count	⑤ "Active" Asset Count	⑥ Exceeded ULB (NTD Method [‡])	
Facilities	Passenger Facilities (Stations & Parking)	625.43(d): Facilities. The performance measure for facilities is the percentage of facilities within an asset class, rated below condition 3 on the TERM scale.	0.00%	0.00%	Met	0%	285	233	0
	Administration & Maintenance Facilities		0.00%	0.00%	Met	0%	152	152	0
Infrastructure	Asset Class	Performance Measure based on 49 CFR Part 625	FY23 Target (reported to FTA)	FY23 Actual (Calc'd by FTA)	FY23 Performance Meet/Exceed	FY24 Target * (reported to FTA)		Total Revenue Track	Average Performance Restriction
	Heavy Rail (HR)	625.43(c): Infrastructure: rail fixed-guideway, track, signals, and systems. The performance measure for rail fixed-guideway, track, signals, and systems is the percentage of track segments with performance restrictions.	1.00%	1.10%	Not Met	2%		31.84 miles	0.35 miles
	Light Rail (LR)		4.00%	3.76%	Met	4%		186.76 miles	7.02 miles

* FY24 Target is the forecast performance or condition rounded up to the next whole percentage.

‡ Uses the FTA/NTD method of calculating age: Census Year - Year of Manufacture for each asset.



Metro



Thank you!

Denise Longley
Enterprise Transit Asset Management
State of Good Repair



Metro®