



Metro

Los Angeles County
Metropolitan Transportation
Authority
One Gateway Plaza
3rd Floor Board Room
Los Angeles, CA

Board Report

File #: 2024-0011, File Type: Oral Report / Presentation

Agenda Number: 6.

MEASURE M INDEPENDENT TAXPAYER OVERSIGHT COMMITTEE MARCH 6, 2024

SUBJECT: STATE OF GOOD REPAIR

ACTION: RECEIVE 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 made on condition assessments performed by Enterprise Transit Asset Management (ETAM) and in support of the new Enterprise Asset Management (EAM) system implementation.

ATTACHMENTS

Attachment A - Presentation

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

Kenneth Hernandez, Deputy Chief Risk, Safety, and Asset Management Officer, (213)
922-2990

Reviewed by: Gina L. Osborn, Chief Safety Officer, (213) 922-3055



Measure M Independent Taxpayer Oversight Committee

Enterprise Transit Asset Management

State of Good Repair



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TAM Inventory Database Overview - FY24 Q2

ETAM must remain in compliance with the FTA's TAM Rulemaking 49 CFR Part 625, 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) will commence in Q3.



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

Rolling Stock and Equipment

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 (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 [‡])	⑦ Average Age	⑧ Total Asset Estimate	⑨ "Active" Asset Estimate	⑩ Exceeded ULB (NTD Method [‡])	⑪ Average Age	
Rolling Stock	Articulated Bus (AB)	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.	36.00%	35.34%	Met	35%	274	266	94	7.7	275	271	94	8.5
	Bus (BU)		1.00%	1.74%	Exceeded	1%	1,798	1,722	30	7.3	1,807	1,739	8	7.5
	Heavy Rail Vehicles (HR)		25.00%	30.23%	Exceeded	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
Equipment	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 Asset Count	Exceeded ULB (NTD Method [‡])	Average Age	Total Asset Estimate	Exceeded ULB (NTD Method [‡])	Average Age		
	Automobiles	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.	40.00%	39.83%	Met	52%	467	186	9.3	488	252	9.8		
	Trucks and Other Rubber Tire Vehicles		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) Reporting 10/31/2023

Facilities and Infrastructure

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 Facilities	⑤ Facilities Assessed	⑥ Facilities Below TERM Condition 3	
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%	Exceeded	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.

Transit Asset Management – Accomplished and In Progress as of FY24 Q2

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

- ETAM staff participating as Sponsor and Subject Matter Expert (SME) to implement EAM System Integration (SI) – awarded October 2021.
- Support EAM project for duration of approximate 3-year contract to help ensure success. Currently in Phase I of IV.
- ETAM attending workshops to ensure NTD reporting data and other requirements are included in EAMS design and functionality.

Continued Condition Assessments:

- Structures Inspections Contract – 5-year contract with 2 option years beginning in July 2019 for FY 20-26 inspections. Received 19 of 63 final inspection reports by the end of FY24 Q2. Coordinating with Operations and Program Management to resolve issues found during inspections.
- Facility Condition Assessments required per TAM Rulemaking – 3-year contract beginning in May 2022 for FY23-25 required assessments. Received 27 of 68 final inspection reports in FY24 Q2.
- Train Control Condition Assessment Study – In procurement process.



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Transit Asset Management – Accomplished and In Progress as of FY24 Q2

Asset On-boarding:

- Finalized collecting needed asset information from new projects, Crenshaw (K Line) and Regional Connector (A/E Line) projects for reporting into the NTD. Continue to gather asset information above what FTA requires for reporting.
- Coordinating with EAM team for “on-boarding” of new assets being acquired from new capital projects. Must report new assets “in service” to the FTA on annual basis.

FTA TAM Rulemaking compliance deadline:

- **October 31, 2023:**
- Group TAM Plan – Completed coordination with 33 sub-recipient transit agencies who are verified participants to report TAM data documenting changes from last year, including unified performance targets into the NTD.
- Finalized Metro TAM Data – Received executive approval and completed coordination with stakeholder departments to report 18 asset reports on TAM inventory, performance and targets into the NTD.
- November/December -- Shared data with MPO/SCAG. Resolved first round of NTD questions from FTA.



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Thank you!

Denise Longley
Enterprise Transit Asset Management
State of Good Repair



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