



Metro

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

Board Report

File #: 2020-0758, **File Type:** Informational Report

Agenda Number: 6.

MEASURE M INDEPENDENT TAXPAYERS OVERSIGHT COMMITTEE DECEMBER 2, 2020

SUBJECT: RECEIVE Oral Report on State of Good Repair

ACTION: ORAL REPORT

RECOMMENDATION

Oral Report on State of Good Repair



Measure M Independent Taxpayer Oversight Committee

Enterprise Transit Asset Management
State of Good Repair



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Transit Asset Management (TAM)

“TAM is a business model that uses condition of assets to guide optimal prioritization of funding at transit properties in order to keep our transit networks in a State of Good Repair” --- FTA

Per FTA’s TAM Rulemaking – A Capital Asset is in a State Of Good Repair if it Meets The Following Objective Standards:

- The capital asset is able to perform its designed function;
- The use of the asset in its current condition does not pose an identified unacceptable safety risk; and
- The life-cycle investment needs of the asset have been met or recovered, including all scheduled maintenance, rehabilitation, and replacements.

Metro’s TAM Policy Defines

An SGR asset as one that is currently in use in operation and its rehabilitation or replacement needs shall be included in the asset inventory.

An SGR capital project involves rehabilitating or replacing an existing asset. *Excluded from this definition are capital projects for capacity enhancements or expansions to existing projects or new services.*

TAM Inventory Database Overview

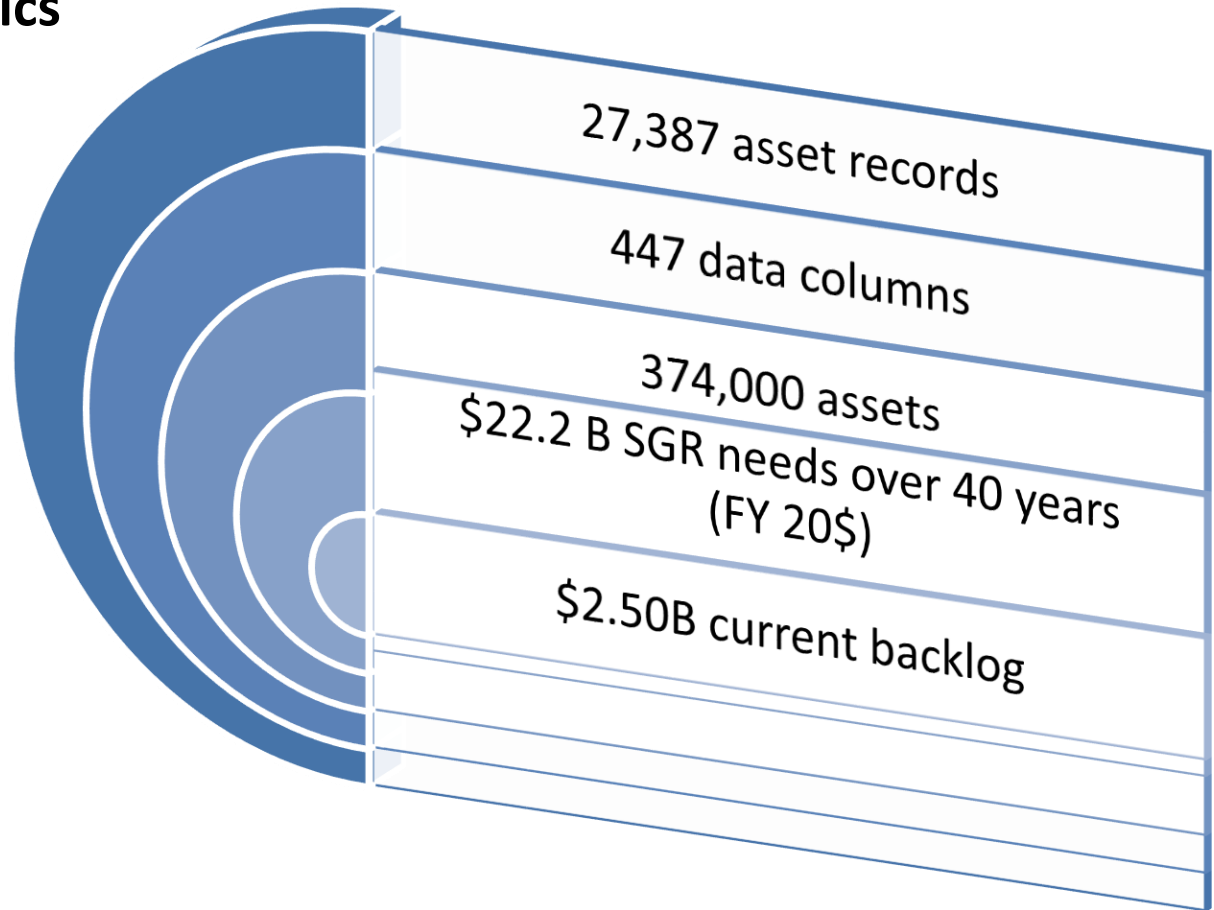
Current Statistics

As of 6/30/20

Data collection is an ongoing process with Asset Stakeholder Technical Working Groups

Inventory \$19.2B - Continual gathering of information

Backlog: Assets overdue for replacement or rehabilitation



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Federal Transit Administration (FTA) Reporting Requirements

	FTA TAM Performance Measures / Targets				Based on FY20 Census Date (6/30/2020)		
	Asset Class	On 6/30/2020	Performance Measure based on 49 CFR Part 625	FY21 Target (reported to FTA)	Total Asset Count	Exceeded ULB	Average Age
Rolling Stock	Articulated Bus (AB)	80.00%	625.43(b): Rolling stock. The performance measure for rolling stock is the percentage of revenue vehicles within a particular asset class that have either met or exceeded their useful life benchmark.	46.59%	370	296	11.3
	Bus (BU)	16.26%		15.12%	2,177	354	8.1
	Heavy Rail Vehicles (HR)	0.00%		0.00%	102	0	23.5
	Light Rail Vehicles (LR)	0.00%		0.00%	302	0	7.8
Equipment	Automobiles	25.63%	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.	25.47%	480	123	6.4
	Trucks and Other Rubber Tire Vehicles*	38.71%		37.41%	961	372	9.2
	Steel Wheel Vehicles**	25.00%		20.00%	8	2	8.6
Facilities	Asset Class	On 6/30/2020	Performance Measure based on 49 CFR Part 625	FY21 Target (reported to FTA)	Total Asset Count	Locations Below TERM Condition 3	
	Passenger Facilities (Stations & Parking)	0.00%	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%	247	0	
	Administration & Maintenance Facilities	0.00%		0.00%	145	0	
Infrastructure	Asset Class	On 6/30/2020	Performance Measure based on 49 CFR Part 625	FY21 Target (reported to FTA)	Total Revenue Track	Average Performance Restriction	
	Heavy Rail (HR)	0.35%	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.	0.28%	31.84 miles	0.11 miles	
	Light Rail (LR)	2.96%		2.36%	171.73 miles	5.08 miles	



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FTA TAM Requirements Accomplished

The following has been accomplished by Metro's Enterprise Transit Asset Management (ETAM) staff:

- The Group Plan was completed and the uniform performance targets were reported to the FTA through the National Transit Database (NTD) by October 31, 2020.
- The TAM performance measures for the preceding fiscal year and new targets were reported to the FTA's NTD by October 31, 2020
- Southern California Association of Governments (SCAG) has been provided Metro's updated TAM Plan and the NTD performance and target data for their regional TAM reporting.

	Current Estimated Replacement Cost	Current Backlog
Facilities	\$ 7,027,139,595	\$ 536,274,808
Equipment	\$ 133,430,113	\$ 45,404,749
Infrastructure	\$ 8,040,365,128	\$ 1,073,658,431
Rolling Stock	\$ 4,007,159,069	\$ 845,155,674
Metro Overall	\$ 19,208,093,905	\$ 2,500,493,662

Transit Asset Management - Next Steps

Share FY21 TAM information with SCAG to meet MPO Rulemaking reporting dates

- Updated Group TAM Plan;
- Updated FY20 TAM Performance, Condition and FY21 Targets;
- Updated Inventory, Performance, Condition and Targets to FTA;
- Shared information with Southern CA Association of Governments (SCAG)

Support implementation of new Enterprise Asset Management System

- Work with Operations and ITS to procure and implement software
- Coordinate onboarding process for new assets from new projects

ETAM, Operations and OMB to integrate asset inventory into capital project prioritization process

- Include identification of asset replacements in capital project proposals to OMB
- Update backlog with funded FY21 data

Continue Condition Assessments:

- Facilities
- Structures
- Fire Life Safety Systems

October 31, 2020 FTA compliance deadline:

- Uploaded data into National Transit Database (NTD) for multiple forms
- Provide clarification as needed by the FTA on Performance measures and targets throughout FY21.



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Thank you!

Denise Longley
Enterprise Transit Asset Management
State of Good Repair



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