



Metro

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

Board Report

File #: 2023-0085, **File Type:** Oral Report / Presentation

Agenda Number: 7.

**MEASURE M INDEPENDENT TAXPAYER OVERSIGHT COMMITTEE
MARCH 1, 2023**

SUBJECT: ORAL REPORT ON STATE OF GOOD REPAIR

ACTION: ORAL REPORT

RECOMMENDATION

RECEIVE 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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TAM Inventory Database Overview

- Asset Inventory Database Statistics – as of Oct. 2022 NTD update
 - 27,989 asset records tracking over 500,000 assets
 - \$22.1B Asset Replacement Value (FY23\$)
 - \$26.8 B SGR needs over 40 years (FY23\$)
 - \$2.65B Current Backlog (FY23\$)
- ETAM Reported data through 6/30/2022 into National Transit Database (NTD) by 10/31/2022 deadline
 - 16 reports regarding asset inventory
 - Annual TAM Narrative Report
 - NTD A90 report - Performance Measure Targets
 - TAM Plan 2022 update
 - Group TAM Plan update
- Next NTD update due October 31, 2023

Federal Transit Administration (FTA) Reporting Requirements FY22

| FTA TAM Performance Measures / Targets | | | | | Based on FY22 Census Date (6/30/2022) | | | | FY23 Forecast (6/30/23) | | | | |
|--|--|---|---|--|---------------------------------------|------------------------------|---|--|------------------------------|---------------------------------|--|---|----------------|
| Asset Class | Performance Measure based on 49 CFR Part 625 | ① FY22 Target (reported to FTA) | ② = ⑥ / ⑤ FY22 Actual (Calc'd by FTA) | ③ = ⑩ / ⑨ FY23 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. | 34.07% | 35.45% | 36% | 274 | 268 | 95 | 6.8 | 275 | 270 | 95 | 7.5 |
| | Bus (BU) | | 2.63% | 1.52% | 1% | 1,910 | 1,841 | 28 | 6.6 | 1,715 | 1,651 | 14 | 6.9 |
| | Heavy Rail Vehicles (HR) | | 18.18% | 16.67% | 25% | 100 | 84 | 14 | 25.2 | 122 | 107 | 26 | 21.5 |
| | Light Rail Vehicles (LR) | | 0.00% | 0.00% | 0% | 298 | 247 | 0 | 8.6 | 337 | 309 | 0 | 8.5 |
| Equipment | Asset Class | Performance Measure based on 49 CFR Part 625 | FY22 Target (reported to FTA) | FY22 Actual (Calc'd by FTA) | FY23 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. | 37.83% | 37.25% | 40% | | 459 | 171 | 8.5 | | 475 | 186 | 9.0 |
| | Trucks and Other Rubber Tire Vehicles | | 40.18% | 40.12% | 46% | | 972 | 390 | 10.1 | | 954 | 433 | 10.9 |
| | Steel Wheel Vehicles | | 20.00% | 20.00% | 20% | | 10 | 2 | 9.1 | | 10 | 2 | 10.1 |
| Facilities | Asset Class | Performance Measure based on 49 CFR Part 625 | FY22 Target (reported to FTA) | FY22 Actual (Calc'd by FTA) | FY23 Target ** (reported to FTA) | Total Facilities | Facilities Assessed * | Facilities Below TERM Condition 3 | | | | | |
| | 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% | 0% | 260 | 213 | 0 | | | | | |
| | Administration & Maintenance Facilities | | 0.00% | 0.00% | 0% | 155 | 155 | 0 | | | | | |
| Infrastructure | Asset Class | Performance Measure based on 49 CFR Part 625 | FY22 Target (reported to FTA) | FY22 Actual (Calc'd by FTA) | FY23 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. | 0.30% | 0.09% | 1% | | 31.84 miles | 0.03 miles | | | | | |
| | Light Rail (LR) | | 2.78% | 3.28% | 4% | | 171.73 miles | 5.63 miles | | | | | |

* FY22 Facility Performance Measure includes the facilities assessed in FY19 - FY22.

** FY23 Target is the forecast performance or condition rounded up to the next whole %.

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



Transit Asset Management – Accomplished and In Progress

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) Phase II – awarded October 2021.
- Support EAM project for duration of approximate 3-year contract to help ensure success.
- Coordinate with EAM team for a process to “on board” new assets acquired from new capital projects. Must report new assets “in service” to the FTA on annual basis.

Continued Condition Assessments:

- Structures (Inspections) Contract – FY23, in contract year 4 of 5. Completed 24 of 68 inspections, 11 in progress as of end of January 2023.
- Awarded Facilities Condition Assessment Contract May 2022 for FY23 required assessments. Started Condition Assessments with 46 of 66 inspections performed in FY23 to date.
- Anticipate Train Control Assessment Study Scope to be out for bid/proposals early 2023, for award by end of FY23.



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Transit Asset Management – Accomplished and In Progress

Provided input on development of SGR Capital Projects for FY24 Budget

- Provided SGR asset replacement needs to Operations to support project prioritization process
- Provided SGR short and long term needs to Planning and OMB for funding process
- Working to update backlog and SGR needs with funded FY23 data

October 31, 2023 - FTA TAM Rulemaking compliance deadline:

- May - Group TAM Plan – start to coordinate with 33 sub-recipient transit agencies who are verified participants and gather pertinent information including changes from last year
- June/July – Send reminders to all asset stakeholders to begin to prepare for RY23 data collection and 6/30/2023 cutoff. Begin collecting data from Operations' asset managers to update asset information
- August – Validate information with asset owners
- September – Formulate Performance Measures and Targets information, Written Narrative
- October – Receive Executive Approval to upload Metro Performance Target data into NTD
- Upload data into National Transit Database (NTD) for multiple (16) asset reports by ETAM, including Group TAM Plan targets



Thank you!

Denise Longley
Enterprise Transit Asset Management
State of Good Repair



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