Measure M Independent Taxpayer Oversight Committee

Enterprise Transit Asset Management

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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

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	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

	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
Equipment	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

	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
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%	0%	260	213	0
	Administration & Maintenance Facilities		0.00%	0.00%	0%	155	155	0

	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
Infrastructure	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.

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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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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 participates 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

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Thank you!

Denise Longley
Enterprise Transit Asset Management
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