FY 2022 REGIONAL TARGETS FOR TRANSIT ASSET MANAGEMENT

Performance Based Planning And Programming

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Transportation Planning Board
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Agenda Item 10

National Capital Region
Transportation Planning Board

Structure of Presentation

- Transit Asset Management (TAM) Target-Setting Requirements

- TAM Performance Measures

- 2022 TAM Targets – Agency Summary Table

- 2022 Regional TAM Targets

- Next Steps

Transit Asset Management (TAM) Target Setting Requirements

- Providers of public transportation are required to annually establish Transit Asset Management (TAM) performance targets

  - Applies to any provider receiving Federal Transit Administration (FTA) funds, recipients and sub-recipients

  - Large agencies set targets and report directly to the FTA; small agencies may participate in group plans

- MPOs (i.e., TPB) adopt transit asset targets for their metropolitan planning area

  - FTA recommendation for MPOs is to set a single regional target for each performance measure asset class

  - MPOs do not submit targets, but these targets are to be included in each long-range transportation plan and TIP

TAM Performance Measures

	Performance Measure	Asset Classes
Rolling stock (Age)	<u>Percentage</u> of revenue vehicles within a particular asset class that have <u>met or exceeded useful life</u> benchmark (ULB)	Standard bus, articulated bus, vans, automobiles, locomotives, rail vehicles
Equipment - (non-revenue) service vehicles (Age)	<u>Percentage</u> of vehicles that have <u>met or exceeded</u> their ULB	Cranes, prime movers, vehicle lifts, tow trucks
Infrastructure-rail fixed-guideway track, signals, and systems (Condition)	The <u>percentage</u> of track segments, signal, and systems <u>with performance restrictions</u>	Signal or relay house, interlockings, catenary, mechanical, electrical and IT systems
Stations/ Facilities (Condition)	The <u>percentage</u> of facilities rated below 3 on the TERM scale (i.e., <u>in marginal or poor condition</u>)	Stations, depots, administration, parking garages, terminals

Summary of 2022 TAM Targets - DRAFT

Target = Maximum percentage of assets at or exceeding standard

Reporting Entity	Rolling Stock	Service Vehicles	Rail Infrastructure	Station/ Facility Condition
WMATA	0% Rail, 5% Bus[a]	44%[c]	3.5%	5%[f]
DDOT*	0% Rail, 0% Bus	n/a	5%	0%[g]
Ffx. Co.	10%	10%[d]	n/a	0%
Mont. Co.	5%	50%[d]	n/a	0%
Pr. Geo. Co.*	34%	n/a	n/a	0%
PRTC	11%[b]	25%[d]	n/a	0%[g]
VRE	0%	0%[e]	n/a	0%
Maryland Tier 2 (MTA)	18%[a]	44.0%[e]	n/a	0%[g]
Virginia Tier 2 (DRPT)	15%[a]	25%[e]	n/a	10%[g]

a: 40-foot buses; b: 45-foot buses; c: autos; d: trucks; e: service vehicles; f: passenger, g: maintenance/administrative facilities
* Previous year's data

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2022 Regional TAM Targets - DRAFT (1)

Percentage of revenue vehicles that have met or exceeded useful life benchmark	Regional Assets Total	Regional Target
AB- Articulated bus	95	2.5%
AO- Auto	253	0.0%
BR- Over-the-road bus	214	12.4%
BU- Bus	2616	6.9%
CU- Cutaway bus	112	0.7%
HR- Heavy rail passenger car	866	0.0%
LR- Light rail vehicle	6	0.0%
RL- Commuter rail locomotive	20	0.0%
RP- Commuter rail passenger coach	100	0.0%
VN- Van	693	0.0%
Revenue Vehicle Totals	4975	

Based on National Transit Database Form A-90

- Single regional target for each performance measure asset class

2022 Regional TAM Targets - DRAFT (2)

Percentage of service vehicles that have either met or exceeded their useful life benchmark		
Automobiles	177	41.8%
Trucks and other Rubber Tire Vehicles	1407	46.7%
Steel Wheel Vehicles	77	25.0%
Service Vehicle Totals	*1661*	
Percentage of track segments, signals, and systems with performance restrictions (over length in miles)		
CR - Commuter Rail	0	0.0%
HR - Heavy Rail	234	3.5%
SR - Streetcar Rail	5.6	5.0%
Track Segments Totals	*239.6*	
Percentage of Passenger and Maint. facilities rated below condition 3 on the condition scale		
Passenger Facilities	113	4.1%
Passenger Parking Facilities	87	4.3%
Maintenance Facilities	106	9.2%
Administrative Facilities	26	8.0%
Facility Totals	*332*	

Next Steps

- Receive any comments on draft TAM targets through February

- Board approval of final TAM at March meeting

- ❖ Adopted TAM targets will be included in this year's Visualize 2045 long-range transportation plan and the FY 2023-2026 TIP

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Applicability to Regional Providers

Two tiers of provider: Tier I if more than 100 vehicles in revenue service or operates rail; Tier II if 100 or fewer vehicles

Tier I

1. WMATA: Metrorail, Metrobus, MetroAccess
2. DDOT: Streetcar, Circulator
3. Fairfax: Connector, Comm. & Neighborhood Services
4. Montgomery County: Ride On
5. Prince George's: TheBus
6. PRTC: OmniRide
7. Virginia Railway Express

Tier II

1. Alexandria DASH
2. Arlington ART
3. Charles VanGo
4. Frederick TransIT
5. Loudoun County Transit
6. Virginia Regional Transit
7. and other small non-profit or paratransit providers

- Tier I providers set performance targets, implement an agency TAM Plan, and report performance and targets annually
- Tier II providers may participate in a Group Plan or opt out and fulfill requirements on their own

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