

DRAFT FY 2019 REGIONAL TARGETS FOR TRANSIT ASSET MANAGEMENT

Performance Based Planning And Programming

Eric Randall, TPB Transportation Engineer

Transportation Planning Board
January 16, 2019



Structure of Presentation

- Transit Asset Management (TAM) Target-Setting Requirements
- TAM Performance Measures
- TAM Targets – Summary of Providers
- Draft Regional TAM Targets

Transit Asset Management (TAM) Target Setting Requirements – Transit Providers

- 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 can participate in group plans
- Providers must set targets within four months of the end of the previous fiscal year
 - FY 2019 targets were due by October 31, 2018 for providers on a July-June fiscal year (i.e., every provider except DDOT)



Transit Asset Management (TAM) Target Setting Requirements – MPOs

- MPOs (i.e., TPB) shall adopt transit asset targets for their metropolitan planning area within 180 days of the providers
 - In June 2017, TPB adopted the first set of regional TAM targets as a summary table of the providers' targets
 - Now, FTA recommendation for MPOs is to set a single regional target for each performance measure asset class
 - Requires adding up the numbers and targets for each asset from every provider in the region
 - MPOs do not submit targets, but these targets are to be included in each long-range plan and TIP



TAM Performance Measures

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



Summary of Providers' 2019 TAM Targets

Target = Maximum percentage of assets at or exceeding standard

Reporting Entity	Rolling Stock	Service Vehicles	Rail Infrastructure	Station/ Facility Condition
WMATA	0% Rail, 0% Bus	11% ^d	2.1%	7% ^f
DDOT	0% Rail, 0% Bus	n/a	5%	0% ^g
Arl Co.	0%	n/a	n/a	0%
Ffx. Co.	10%	10% ^d	n/a	0%
Mont. Co.	11%	21% ^d	n/a	25% ^g
Pr. Geo. Co.	4%	43% ^d	n/a	0%
PRTC	8% ^b	0% ^e	n/a	0% ^g
VRE	0%	0% ^e	n/a	0%
Maryland Tier 2 (MTA)	13.3% ^a	14.6% ^d	n/a	25% ^f
Virginia Tier 2 (DRPT)	10%	25% ^e	n/a	10% ^g

a: heavy-duty buses; b: 45-foot buses; c: autos; d: trucks; e: service vehicles; f: passenger, g: maintenance/administrative facilities



Draft 2019 Regional TAM Targets (1)

Percentage of revenue vehicles that have met or exceeded useful life benchmark	Regional Assets Total	Regional Target
AB- Articulated bus	77	0.0%
AO- Auto	43	1.2%
BR- Over-the-road bus	160	8.8%
BU- Bus	2589	3.4%
CU- Cutaway bus	103	7.6%
HR- Heavy rail passenger car	1290	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	1524	10.2%
<i>Revenue Vehicle Totals</i>	5912	

Based on National Transit Database Form A-90

- Single regional target for each performance measure asset class



Draft 2019 Regional TAM Targets (2)

Percentage of service vehicles that have either met or exceeded their useful life benchmark	Regional Assets Total	Regional Target
Automobiles	222	20.6%
Trucks and other Rubber Tire Vehicles	1354	11.0%
Steel Wheel Vehicles	199	24.0%
<i>Service Vehicle Totals</i>	<i>1775</i>	
Percentage of track segments, signals, and systems with performance restrictions (over length in miles)		
CR - Commuter Rail	0	0.0%
HR - Heavy Rail	234	2.1%
SR - Streetcar Rail	5.6	5.0%
<i>Track Segments Totals</i>	<i>239.6</i>	
Percentage of Passenger and Maint. facilities rated below condition 3 on the condition scale		
Passenger Facilities	115	1.6%
Passenger Parking Facilities	93	9.9%
Maintenance Facilities	106	11.5%
Administrative Facilities	55	13.3%
<i>Facility Totals</i>	<i>369</i>	



Next Steps

- Take comments on draft targets and on the report summarizing the region's providers of public transportation and their TAM targets
- Present final FY 2019 TAM targets to the board for approval in February



Eric Randall

TPB Transportation Engineer

(202) 962-3254

erandall@mwkog.org

mwkog.org/tpb

Metropolitan Washington Council of Governments

777 North Capitol Street NE, Suite 300

Washington, DC 20002



National Capital Region
Transportation Planning Board