FY 2020 REGIONAL TARGETS FOR TRANSIT ASSET MANAGEMENT

Performance Based Planning And Programming

Matthew Gaskin, TPB Transportation Planner
Eric Randall, TPB Transportation Engineer

Regional Public Transportation Subcommittee
November 26, 2019

National Capital Region
Transportation Planning Board

Overview

- Refresh requirement for region's providers of public transportation to provide the TPB with their:

    1. 2020 TAM targets

    2. 2019 TAM targets vs. 2019 actual performance

    3. Narrative report

5   **Upload TAM Narrative Report:**

Your narrative report should include, at a minimum, a discussion of your system including the 1- Changes in your system's conditions since last year 2- Progress toward your current fiscal year's targets, and 3 – Targets for the next fiscal year.

Attachment [   ] [Browse...]
The maximum file upload size is 10.00 MB.

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 2020 targets are due by October 31, 2019 for providers on a July-June fiscal year (i.e., every provider except DDOT)

    - NTD Form A-90

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 February 2019, TPB adopted the 2019 set of regional TAM targets
    - 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
    - TPB to approve new TIP in March 2020

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
Adopted February 20, 2019

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

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2019 TAM Targets vs Performance DRAFT

Target = Maximum percentage of assets at or exceeding standard

Reporting Entity	Rolling Stock	Actual	Service Vehicles	Actual	Rail Infrastructure	Actual	Station/ Facility Condition	Actual
WMATA	0% Rail, 0% Bus	0% Rail, 3% Bus	11%[d]	31%	2.1%	1.69%	7%[f]	7.1%
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%	25%	43%[d]	n/a	n/a	n/a	0%	0%
PRTC	8%[b]	19%	0%[e]	50%	n/a	n/a	0%[g]	0%
VRE	0%	0%	0%[e]	0%	n/a	n/a	0%	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]	

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Summary of 2020 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, 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.	34%	n/a	n/a	0%
PRTC	29%[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

2019 Regional TAM Targets (1)

To be updated for 2020

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%
Revenue Vehicle Totals	*5912*	

Based on National Transit Database Form A-90

- Single regional target for each performance measure asset class

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2019 Regional TAM Targets (2)
To be updated for 2020

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%
Service Vehicle Totals	*1775*	
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%
Track Segments Totals	*239.6*	
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%
Facility Totals	*369*	

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Next Steps

- Continue collecting information from the region's transit systems:
    1. 2020 TAM targets
    2. 2019 TAM targets vs. 2019 actual performance
    3. Narrative reports

- Complete draft FY 2020 TAM targets and info memo
    - Comment by RPTS members
    - Present draft targets to the board in January 2020
    - Board approval in February 2020

Matthew Gaskin

TPB Transportation Planner
(202) 962-3761
mgaskin@mwcog.org

Eric Randall

TPB Transportation Engineer
(202) 962-3254
erandall@mwcog.org

mwcog.org/tpb

Metropolitan Washington Council of Governments
777 North Capitol Street NE, Suite 300
Washington, DC 20002

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