



**EAST-WEST GATEWAY**  
**Council of Governments**

Creating Solutions Across Jurisdictional Boundaries

**Memo to:** Board of Directors  
**From:** Staff  
**Subject:** 2023 Transit Asset Management Targets  
**Date:** March 15, 2023

The TAM performance measure requirements are set forth in the Federal Transit Administration's Final Rule for Transit Asset Management. To fulfill the requirements of the TAM rule, the Board must set 2023 TAM targets by March 2023.

**Background**

The TAM performance measures require public transportation providers, State DOTs and MPOs to establish TAM targets for:

- 1.) Rolling Stock: The percentage of revenue vehicles that exceed the useful life benchmark (ULB).
- 2.) Equipment: The percentage of non-revenue service vehicles that exceed the ULB.
- 3.) Facilities: The percentage of facilities that are rated less than 3.0 on the Transit Economic Requirements Model (TERM) Scale.
- 4.) Infrastructure: The percentage of track segments that have performance restrictions. Track segments are measured to the nearest 0.01 of a mile.

Public transportation providers that own FTA-funded capital assets used in providing public transportation services are required to develop or participate in a TAM Plan to maintain asset inventory, assess inventory conditions, and prioritize investments to improve the state of good repair of their capital assets.

Direct recipients of FTA funds that pass through some or all of those funds to subrecipients that own or operate capital assets used in providing public transportation must sponsor a group TAM plan on behalf of those subrecipients. Therefore, IDOT and MoDOT must establish a group TAM plan for subrecipients of FTA funds. State DOTs and public transportation providers must set targets annually for the performance of assets. MPOs are not required to update their targets annually, but are encouraged to consult with State DOTs and transit providers to ensure alignment of targets.

More details about each agency's FY 2023 TAM targets can be found in the attached TAM Plans.

Staff recommends that the Board approve the following Transit Asset Management targets for the EWG region:

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IDOT TAM Targets

<b>2023 IDOT TAM Facilities Targets</b>						
Facility Type	FY22 Facilities Rated Below 3.0	FY22 Total Facilities	FY22 % Rated Below 3.0	Target FY23 Facilities Rated Below 3.0	Target FY23 Total Facilities	Target FY23 % Rated Below 3.0
Admin/Maintenance	10	62	16%	6	62	10%
Passenger/Parking	2	27	7%	2	28	7%
Total	12	89	13%	8	90	9%

<b>2023 IDOT TAM Rolling Stock Targets (Revenue Vehicles)</b>						
Vehicle Type	FY22 # of Vehicles At/Beyond ULB	FY22 Total Vehicles	FY22 % Vehicles At/Beyond ULB	Target FY23 # of Vehicles At/Beyond ULB	Target FY23 Total Vehicles	Target FY23 % Vehicles At/Beyond ULB
Articulated bus	8	18	44%	4	18	22%
Automobile	4	5	80%	4	5	80%
Bus	133	508	26%	170	530	32%
Ferryboat	3	3	100%	3	3	100%
Cutaway	307	967	32%	338	971	35%
Minivan	161	229	70%	174	235	74%
Van	13	47	28%	34	48	71%
Total	883	1,827	48%	727	1810	59%

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<b>2023 IDOT TAM Equipment Targets</b>						
<b>(Service Vehicles)</b>						
Vehicle Type	FY22 # of Vehicles At/Beyond ULB	FY22 Total Vehicles	FY22 % Vehicles At/Beyond ULB	Target FY23 # of Vehicles At/Beyond ULB	Target FY23 Total Vehicles	Target FY23 % Vehicles At/Beyond ULB
Automobile	13	46	28%	12	45	27%
Other rubber tire vehicles	38	135	28%	36	141	26%
<b>Total</b>	<b>51</b>	<b>180</b>	<b>28%</b>	<b>48</b>	<b>185</b>	<b>26%</b>

MoDOT TAM Targets

<b>2023 MoDOT TAM Facilities Targets</b>				
Facility Type	# of Units	Avg TERM Condition	% < 3.0 TERM Rating Scale	Target
Administration Facilities	19	3.35	0%	30%
Maintenance Facilities	12	3.21	0%	25%
Parking/Passenger Facilities	7	4.01	0%	30%

<b>2023 MoDOT TAM Rolling Stock Targets</b>				
<b>(Revenue Vehicles)</b>				
Vehicle Type	# of Units	FTA's ULB	% > ULB	Target
Automobiles	21	8	44%	45%
Buses	69	14	42%	45%
Cutaways	699	10	39%	45%
*Minivans	284	8	47%	45%
Vans	96	8	40%	45%
Ferry Boat	1	42	0%	30%

Metro TAM Targets

<b>2023 Metro TAM Facilities* Targets</b>		
Facility Type	FY2022 TERM Score	Target FY2023 Term Score
Radio Towers	4.00	4.00
Ewing Rail Maintenance Facility	3.00	3.00
Central Bus Maintenance Facility	3.50	3.00
Brentwood Bus Maintenance Facility	4.00	4.00
Illinois Bus Maintenance Facility	4.00	4.00
DeBaliviere Bus Maintenance Facility	3.00	4.00
DeBaliviere Power House	2.00	3.00
Swansea Maintenance Facility	3.00	4.00
Sarah Yard	4.00	4.00
Parking Garages	4.00	4.00
Rail Passenger Facilities	3.70	3.90
Parking Lots	3.30	3.80
Passenger Transit Centers	4.20	4.10
St. Clair Rail Maintenance Facility	3.00	3.00
*Scores represent the average score of all infrastructure facilities of that type.		

<b>2023 Metro TAM Rolling Stock Targets (Revenue Vehicles)</b>		
Vehicle Type	Target FY2019 in Years	% Vehicles At/Beyond ULB
Bus	14	10%
Van	8	27%
Light Rail	31	0%
Metro sets a target average fleet age. See the TAM plan document for more info.		

<b>2019 Metro TAM Equipment Targets (Service Vehicles)</b>		
Vehicle Type	ULB FY2018 in Years	% Vehicles At/Beyond ULB
Over 1 Ton	14	52%
Under 1 Ton	8	73%
Trailers	14	40%
Off-Road Equipment	14	41%
Forklift	14	79%
TUG/Mule Vehicles	14	75%
Snow Remove Equipment	14	53%
Metro sets a target average asset age. See the TAM plan document for more info.		

<b>2023 Metro TAM Infrastructure* Targets by Department</b>		
Department	FY2022 TERM Score	Target FY2023 Term Score
LRT Communication	2.00	2.10
RF Communication Facilities	3.9	4.0
Traction Power	3.80	3.70
Signal	3.00	4.20
Track	3	3.40
*Scores represent the average score of all infrastructure facilities of that type.		

<b>2023 Metro TAM Infrastructure* Targets by Structure</b>		
Structure	FY2022 Performance Rating	Target FY2023 Performance Rating
Bridges - Deck	6.8	6.0
Bridges - Superstructure	6.7	6.0
Bridges - Substructure	6.8	6.0
Bridges - Channel/Banks	6.5	6.0
Tunnels	5.5	6.0
Ancillary Structures - Bridges	6.1	6.0
Ancillary Structures - Pedestrian Tunnels	6.4	6.0
Ancillary Structures - Culverts	6.9	6.0
Ancillary Structures - Retaining Walls	6.6	6.0
*Scores represent the average score of all infrastructure facilities of that type.		

Loop Trolley TAM Targets\*

<b>2023 TAM Loop Trolley Rolling Stock Targets</b>			
Vehicle Type	ULB	Performance Measure	Target
Council Crest Trolleys	31	% of assets operating beyond ULB	0%
Melbourned W2 Streetcars	31	% of assets operating beyond ULB	0%

<b>2023 TAM Loop Trolley Infrastructure Targets</b>			
Infrastructure Type	ULB	Performance Measure	Target
Track Slab	25	% of assets operating beyond ULB	0%
Track Rail Segments	50	% of assets operating beyond ULB	0%
Track Switches	25	% of assets operating beyond ULB	0%

<b>2023 TAM Loop Trolley Equipment Targets</b>			
Equipment	ULB	Performance Measure	Target
Pressure Washer	12	% of assets operating beyond ULB	0%
1 ton Jib Crane	12	% of assets operating beyond ULB	0%
Lifting Jacks	12	% of assets operating beyond ULB	0%

<b>2023 TAM Loop Trolley Facilities Targets</b>			
Facility Type	ULB	Performance Measure	Target
Loop Trolley Main. & Storage Facility - 5875 Delmar Blvd.	40	% Rated Below Condition 3 on the TERM Scale	0%
Station - University City Library	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Leland Avenue EB	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Leland Avenue WB	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Limit Avenue EB	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Limit Avenue WB	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - The Pageant EB	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - The Pageant WB	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Delmar Loop Metrolink	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Hamilton Avenue	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Delmar and DeBaliviere	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Crossroads College Prep	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Forest Park-DeBaliviere Metrolink	25	% Rated Below Condition 3 on the TERM Scale	0%
Station - Missouri History Museum	25	% Rated Below Condition 3 on the TERM Scale	0%