

TAM  
Multimodal  
Roundtable

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TRANSIT  
ASSET  
MANAGEMENT

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# SGR and Asset Definitions

Asset Definitions



**FTA 49 CFR 1.91 Part 625  
"Asset Definition"**

A unit of rolling stock, a facility, a unit of equipment or an element of infrastructure used for providing public transportation



# DART Finance Asset Definition

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DART-owned equipment, rolling stock, facility or infrastructure that has a useful life greater than one year or purchase price greater than \$5,000



# DART Inventory “Asset Definition”

- DART Materials Management manages an inventory of over 16,041 various parts valued at over \$44.8 million
- Today, parts no matter the cost are just a part to Materials Management
- Finance uses a formula to convert parts purchases to assets to complete federal reporting requirements



# DART TAM Asset Definition

An asset is defined as a tangible entity (or system of entities) that is either owned, leased, or maintained by DART and is:

- Repairable and/or replaceable
- Has an expected useful life of more than one year
- Requires intervention/activities to reduce risk of failure
- One or more of the following apply:
  - ✓ Requires a preventive maintenance schedule
  - ✓ Needs to be inspected
  - ✓ Needs to be calibrated
  - ✓ Needs to be tracked

This definition applies to discrete physical properties that are considered part of and enable the safe operation of transit in the DART service area



# Appendix A to Part 625 - Asset Categories, Asset Classes, and Individual Assets

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ASSET CATEGORY	ASSET CLASS		INDIVIDUAL ASSET
	Equipment	Construction	
Maintenance			Vehicle Lift Track Geometry Car
Non-revenue Service Vehicles			Tow Truck Emergency Response Vehicle Supervisor Car Track Maintenance Vehicle
Rolling Stock	Buses		40 Foot Bus 60 Foot Articulated Bus
	Other Passenger Vehicles		Cutaway Van Minivan
	Railcars		Light Rail Vehicle Commuter Rail Locomotive
	Ferries		Ferry Boat
Infrastructure	Systems		Signal Substation
	Fixed Guideway		Track Segment Ballast Segment Exclusive Bus Right-of-Way Segment
	Power		Catenary Segment Third Rail Segment
	Structures		Bridge Tunnel Elevated Structure
Facilities	Support Facilities		Maintenance Facilities Administrative Facilities
	Passenger Facilities		Rail Terminals Bus Transfer Stations
	Parking Facilities		Parking Garages Park-and-Ride Lots

## DART TAM Plan Asset Classes and Subclasses

Asset Class	Asset Sub Class	Qty (as of 6/1/18)	2018 Useful Life Benchmark (Yrs.)
Rolling Stock – Revenue Vehicles	BU – Bus	528	14
	CU – Cutaway	130	10
	LR – Light Rail	163	31
	RL – Commuter Rail Locomotive	9	39
	RC – Commuter Rail Cab Cars	8	39
	RP – Commuter Rail Passenger	17	39
	SR – Streetcar Rail	4	31
Equipment – Non-Revenue Vehicles (NRV)	Automobiles DART Class 1 & 7	451	8
	Trucks and Other Rubber Tire Vehicles DART Class 2 & 3	111	8
	Steel Wheel Vehicles DART Class 11	10	25
	Passenger Stations and Parking	89	N/A
Facilities	Administrative and Maintenance	17	N/A
Infrastructure	CR – Commuter Rail	34 miles	N/A
	LR – Light Rail	93 miles	N/A

# 1) How does your agency define an asset when referring to SGR?

**(1)** VTA has established asset definition using the FTA definition as a baseline and then expanding the definition to include any asset that does not reach that threshold, but will need to be identified as part of the budget ask.

**(2)** SRTA - A tangible and depreciable real or personal property required to support SRTA operations either directly or indirectly that must be properly maintained to ensure reliability over its lifecycle and to function as designed.

**(3)** An asset means any transit revenue vehicle and their subsystems, a facility, a unit of equipment, an element of infrastructure or software used for providing public transportation.

**(4)** Any asset used in the provision of public transportation with an acquisition value exceeding \$50,000 is classified as a TAM asset and associated with one of the four following categories: 1) Vehicles, 2) Guideway, 3) Systems and 4) Facilities and Stations.

**(5)** Per the FTA definition, assets with a minimum value of \$50,000 or are non-revenue service vehicle.



# 1) How does your agency define an asset when referring to SGR?

**(6)** A physical asset which has data on its structure, status, value, operations, maintenance, and costs.

**(7)** NCTD defines an asset as an entity (or system of entities) that is either owned, leased, or maintained by NCTD with a value of \$5,000 or greater and is:

- Repairable or replaceable
- Has an expected useful life of more than one year
- Requires intervention/activities (e.g., preventive maintenance) to reduce risk of failure

This asset definition applies to all properties and systems within the four defined asset categories – Rolling Stock, Equipment, Facilities, and Infrastructure – that are considered part of, and enable the safe operation of, NCTD’s transit system. In addition, this definition is applicable across all divisions and is separate from the Finance Division’s procedure regarding capital asset management activities, which extends beyond the four asset categories.

**(8)** TriMet - For TAM requirements, we go by the FTA TAM definition. Assets TriMet owns or for which it has a major capital asset responsibility, and includes guideway, vehicles, facilities, stations, systems assets, and equipment with a value of more than \$50,000.

# 1) How does your agency define an asset when referring to SGR?

**(9)** Assets are typically the lowest level of granularity that requires maintenance/renewal. (We also consider operational criticality.)

**(10)** Fixed long-life infrastructure (structures, bridges, facilities) and Rolling Stock (bus, LRVs, non-revenue vehicles)

**(11)** SGR - that includes objective standards for measuring the condition of capital assets of recipients, including equipment, rolling stock, infrastructure, and facilities;

**(12)** As per the FTA definition of an asset

**(13)** Please clarify. Is the question related to determining the condition of the asset and thus its SGR or how we define an asset, specifically, so that we are anticipating assigning an SGR? If the former, we utilize guides as laid out by FTA - for example useful life benchmarks. For the latter, defining if something is an asset, will eventually be based on if it has a life expectancy more than a year and/or has critical service impact, life safety, fire prevention/suppression, testing, calibration or inspection requirement, etc.

# 1) How does your agency define an asset when referring to SGR?

**(14)** LA Metro: An SGR asset is one that is currently in use in operation and its rehabilitation or replacement needs shall be included in the asset inventory. Metro's definition of "Asset" refers to physical equipment and infrastructure including rolling stock, right-of-way, stations, facilities, systems, tools, etc. which make up Metro's transit system. An individual asset >\$5,000 (per accounting); Expected Life >1yr; Groups of similar items >\$500 each and totaling >\$100k

# Survey Question #1 Summary - How does your agency define an asset when referring to SGR?

	<b>Respondents</b>	<b>Dollar Threshold Identified</b>	<b>Comments</b>
<b>(1)</b>	VIA	No	FTA definition expanded
<b>(2)</b>	SRTA	No	
<b>(3)</b>	Unidentified Agency	No	
<b>(5)</b>	Unidentified Agency	Assets with a minimum value of \$50,000 or non revenue service vehicle	FTA definition
<b>(6)</b>	Unidentified Agency	No	
<b>(7)</b>	NCTD	Assets with a value of \$5,000 or greater and is repairable or replaceable, has an expected useful life of more than one year, requires intervention/activities. In addition, this definition is applicable across all divisions and is separate from the Finance Division's procedure regarding capital asset management activities	

# Survey Question #1 Summary - How does your agency define an asset when referring to SGR?

	Respondents	Dollar Threshold Identified	Comments
(8)	TriMet	Assets with a value exceeding \$50,000	Referenced the FTA definition in their response
(9)	Unidentified Agency	No	
(10)	Unidentified Agency	No	
(11)	SGR	No	
(12)	Unidentified Agency	No	FTA definition
(13)	Unidentified Agency	No	FTA definition expanded
(14)	LA Metro	An individual asset >\$5,000 (per accounting); Expected Life >1yr; Groups of similar items >\$500 each and totaling >\$100k	

# Survey Question #1 Summary - How does your agency define an asset when referring to SGR?

	Respondents	Dollar Threshold Identified	Comments
(15)	DART	<p>NO</p> <p>An asset is defined as a tangible entity (or system of entities) that is either owned, leased, or maintained by DART and is:</p> <ul style="list-style-type: none"> <li>-Repairable and/or replaceable</li> <li>-Has an expected useful life of more than one year</li> <li>-Requires intervention/activities to reduce risk of failure</li> <li>-One or more of the following apply:               <ul style="list-style-type: none"> <li>a. Requires a preventive maintenance schedule</li> <li>b. Needs to be inspected</li> <li>c. Needs to be calibrated</li> <li>d. Needs to be tracked</li> </ul> </li> </ul> <p>This definition applies to discrete physical properties that are considered part of and enable the safe operation of transit in the DART service area</p>	FTA definition expanded





# DART TAM Asset Definition

An asset is defined as a tangible entity (or system of entities) that is either owned, leased, or maintained by DART and is:

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- One or more of the following apply:
  - ✓ Requires a preventive maintenance schedule
  - ✓ Needs to be inspected
  - ✓ Needs to be calibrated
  - ✓ Needs to be tracked

This definition applies to discrete physical properties that are considered part of and enable the safe operation of transit in the DART service area