2050 Metropolitan Transportation Plan (MTP)

Performance Measures – _Transit Asset Management_ (VI.b)

Goal – Improve Infrastructure Condition and Resilience
　　　　Objective – Maintain transit vehicles, facilities, and amenities in the best operating condition

The Transit Asset Management – State of Good Repairs (TAM – SGR) measure is a federal Transportation Performance Measure (TPM). Thus, the MPOs are required to support the TAM targets that the relevant transit systems set, and include the targets in their long-range transportation plan, i.e., Metropolitan Transportation (MTP). The transit systems that are federal grantees or subrecipients must develop and implement a transit asset management system. Some transit systems in the MPOs (e.g., Chatham Transit Network, Orange Public Transportation and Durham County Access) have chosen to be part of a group plan organized by the North Carolina Department of Transportation/Integrated Mobility Division (NCDOT/IMD) and therefore are not included in this presentation. TAM includes targets for rolling stock, equipment, and facilities, which are presented in detail on the following two pages.

The tables on the next two pages show the target percentage for the assets that are <u>not</u> in a state of good repair. This data is from the Federal Transit Administration's (FTA) National Transit Database (NTD) for the year 2021. A few notes help to better understand the targets.

- Facilities do not have a Useful Life Benchmark such as "years." The Federal Transit Administration (FTA) Transit Economic Requirements Model (TERM) scale is used instead of years.
- TERM scale example: 5 = excellent, 1 = poor.
- Useful Life Benchmark values are in years.
- N/A: System does not have an asset in this class that requires monitoring.

Transit Systems -- Transit Asset Management and Targets

Asset Category - Performance Measure	Asset Class	2021 Targets		
		GoDurham	Chapel Hill Transit	GoTriangle
REVENUE VEHICLES				
Age -- % of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)	AO - Automobile	N/A	N/A	N/A
	BU - Bus (61)	**18%**	**0%**	**26%**
	CU - Cutaway Bus (47)	**8%**	**0%**	**46%**
	MB - Mini-bus	N/A	N/A	N/A
	MV - Mini-van (3)	N/A	N/A	N/A
	SV - Sport Utility Vehicle	N/A	N/A	N/A
	VN - Van	**14%**	N/A	N/A
	Other	N/A	N/A	N/A
EQUIPMENT				
Age -- % of vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Non Revenue/Service Automobile	**0%**	**0%**	**0%**
	Steel Wheel Vehicles	N/A	N/A	N/A
	Trucks and other Rubber Tire Vehicles (6)	**0%**	**0%**	**0%**
	Maintenance Equipment	N/A	N/A	N/A
	Computer Software	N/A	N/A	N/A
	Custom 1	N/A	N/A	N/A
FACILITIES				
Condition -- % of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	Administration	**0%**	**0%**	**0%**
	Maintenance	**0%**	**0%**	**0%**
	Parking Structures	**0%**	N/A	**0%**
	Passenger Facilities	**0%**	N/A	**0%**
	Shelter	N/A	N/A	N/A
	Storage	N/A	N/A	N/A
	Custom 1	N/A	N/A	N/A

Transit Systems -- Transit Asset Management and Targets (continued)

Asset Category - Performance Measure	Asset Class	2021 Targets	
		GoRaleigh	GoCary
REVENUE VEHICLES			
Age -- % of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)	AO - Automobile	N/A	N/A
	BU - Bus (61)	**2%**	**20%**
	CU - Cutaway Bus (47)	N/A	**20%**
	MB - Mini-bus	N/A	N/A
	MV - Mini-van (3)	N/A	**20%**
	SV - Sport Utility Vehicle	N/A	**20%**
	VN - Van	**14%**	**20%**
	FB - Ferry Boat	N/A	**20%**
	SB - School Bus	N/A	**20%**
	Other	N/A	**20%**
EQUIPMENT			
Age -- % of vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Non Revenue/Service Automobile	**13%**	**20%**
	Steel Wheel Vehicles	N/A	N/A
	Trucks and other Rubber Tire Vehicles (6)	**0%**	**20%**
	Maintenance Equipment	N/A	N/A
	Computer Software	N/A	N/A
	Custom 1	N/A	N/A
FACILITIES			
Condition -- % of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	Administration	**0%**	**20%**
	Maintenance	**0%**	**20%**
	Parking Structures	**0%**	**20%**
	Passenger Facilities	**0%**	**20%**
	Shelter	N/A	N/A
	Storage	N/A	N/A
	Custom 1	N/A	N/A