



TO: Bob Dempster, MPO Chairman

FROM: Caitlin Zibers, Transportation Planner

DATE: June 16, 2016

SUBJECT: Transit Asset Management Performance Measure Targets

The Federal transit Administration (FTA) and the Federal Highway Administration (FHWA) published the final rule on Statewide and Nonmetropolitan Transportation Planning and Metropolitan Transportation Planning on May 27, 2016. FTA published the final rule on Transit Asset Management (TAM) on July 26, 2016. As a result, federal legislation requires transit providers and subsequently Metropolitan Transportation Planning Organizations (MPO) to set performance measures regarding transit asset management by July 30th, 2017.

The St. Joseph Area Transportation Study Organization (SJATSO) has worked with the local transit agency, St. Joseph Transit, for the past six months to establish realistic and measurable performance measures. Additionally, the Kansas Department of Transportation (KDOT) has established statewide performance measures.

SJATSO would like to formally adopt St. Joseph Transit's performance measures and provide written concurrence with KDOT's statewide measures. Public comment will be solicited for a period of 7 days, followed by board approval and adoption. Attached is a memo from St. Joseph Transit outlining the targets to be adopted as well as the statewide measures provided by KDOT.

Attachments

TO: Andrew Clements
 FROM: Mary Gaston
 DATE: June 16, 2017
 SUBJECT: Transit Asset Management Performance Targets (FY2018)

In compliance with Federal Register 49CFR Part 625 Transit Asset Management, Subpart D – Performance Management, transit staff recommend that the City of St. Joseph establish the following performance targets to be achieved by the end of the city’s fiscal year 2018 (June 30, 2018).

Asset Category	Asset Class	Performance Targets (6/30/2018)
Equipment (Non-Revenue Service Vehicles; >\$50,000)	3 - Staff Vans (2005, 2007, 2009, 2018) 1 - Service Truck (2009) RouteMatch System (2009-2013, software upgrade Dec 2016, MDC conversion FY18) Facility Access/Timecard System (installed 2011, updated 2013) Two-Post Bus Lift (2004) Bus Surveillance System (2010)	33 0% exceeded ULB (ULB = 12 years) 0% reached ULB (ULB = 10 years) 0% reached useful life (ULB = 7 years) 0% reached useful life (ULB = 7 years) 0% reached useful life (ULB = 20 years) 0% reached useful life (ULB = 14 years)
Rolling Stock	Heavy duty, 30' Low Floor Buses	60% reached ULB (ULB = 14 years)
Facilities	1 - Administrative/Maintenance Building 1 - Bus Storage Barn 1 - Transit Station (6 th & Angelique)	0% rated below 3.0 on the TERM scale 0% rated below 3.0 on the TERM scale 0% rated below 3.0 on the TERM scale

In evaluating these targets, we considered the current condition of these assets and the financial resources available to implement improvements by the end of FY2018.

The default ULB established by FTA for vans used in revenue service is 8 years; since our staff vans are not used in revenue service, we recommend setting a longer ULB of 12 years. The 2005 van has reached the ULB of 12 years at the end of FY17 and is programmed for replacement in FY18. The FTA has not established ULBs for the remaining equipment in our inventory. We recommend the ULBs based on previous experience with these kinds of assets. The RouteMatch software was upgraded in December 2016 and the mobile data computers conversion will be complete in early FY2018.

By the end of FY2018, the 2003 buses will have reached 15 years in age and the 2004 buses will have reached 14 years. Although the cost of maintaining them is increasing, they do not pose an identified unacceptable safety risk. The city has budgeted to place an order for 9 replacement buses in FY18 using local reserves. The balance of the bus fleet will be below the ULB at the end of FY2018.

The FTA has determined that, at a minimum, facilities should be rated 3.0 (“adequate condition”) on the TERM scale. An assessment will be completed by the end of FY18 with an expectation that no facilities will be rated at less than 3.0.

KDOT Targets

Category	Class	Example	Abbreviation	Based on	FTA Useful Life	KDOT Replacement threshold	Useful Life Benchmark	Initial Target for KDOT Group Plan
Rolling Stock (revenue vehicles)	Over-the-road Bus	Motocoach	BR	Age	12 years / 500K miles	14 years / 750K miles	14	25%
	Full-sized Bus	Gillig	BU	Age	10 years / 350K miles	12 years / 500K miles	14	25%
	Curaway Bus	Ford Cur-away	CU	Age	4 years / 100K miles	5 years / 100K miles	10	25%
	Van	Ford Transit	VN	Age	4 years / 100K miles	5 years / 100K miles	8	25%
	Minivan	Dodge Caravan	MV	Age	4 years / 100K miles	5 years / 100K miles	8	25%
Equipment (non-revenue vehicles)					FTA Useful Life	KDOT Replacement threshold	Useful Life Benchmark	% of fleet that is older than the ULB
	Van	Ford Transit	VN	Age	4 years / 100K miles	5 years / 100K miles	8	75%
	Minivan	Dodge Caravan	MV	Age	4 years / 100K miles	5 years / 100K miles	8	75%
	SUV	Ford Explorer	SV	Age	4 years / 100K miles	5 years / 100K miles	8	75%
	Automobile	Ford Taurus	AO	Age	4 years / 100K miles	5 years / 100K miles	8	75%
Facilities (large-scale)					FTA Useful Life	KDOT Replacement threshold	TERM score benchmark	% of facilities that scores lower than 3.0 on the TERM Scale
	Administrative	Agency headquarters	F-ADMIN	Condition	40 years	n/a	3.00	25%
	Maintenance	Repair garage	F-MAINT	Condition	40 years	n/a	3.00	25%
	Parking	> 500 spaces	F-PARK	Condition	40 years	n/a	3.00	25%
	Passenger	Indoor transit hub station	F-PASS	Condition	40 years	n/a	3.00	25%