

Memorandum

To: MPO Committee Members
From: Lucinda Shannon, Transportation Planning Manager
Date: December 1, 2020
Topic: Setting Performance Targets

Purpose:

Review the Asset and System Condition and Safety Performance workbooks (see excel documents) and decide if the MPO wants to set our own regional targets or adopt the state targets. The Virginia Office of Intermodal Planning and Investment (OIPI) staff will present on the federally mandated Asset and System Condition and Safety Performance targets and the Transportation Performance Management program during our December meeting. The attached tables summarize the state and MPO targets that need to be set by the MPO in the January Policy Board meeting.

Background:

MPOs are asked to participate in the federal Transportation Performance Management process by setting targets for their regions based on the state targets and trend data provided by the state. The targets are broken up into three categories.

- 1) Asset and System Condition Performance Targets
- 2) Safety Performance Targets
- 3) Public Transit Agency Safety Performance Targets

OIPI and VDOT prepare worksheets for each MPO showing the data collected to measure progress towards each performance measure that has an identified target. These worksheets compare the data over the years starting with the baseline year 2017 to identify trends and track percent changes to help measure progress and adjust the targets. The Public Transit Agency Safety Performance Targets will be reviewed in 2021.

Recommendation:

The Policy Board review the Asset and System Condition and Safety Performance workbooks and discuss the pros and cons of adopting state targets verses generating local targets based on performance data for the MPO area with the OIPI staff during the December meeting.

If there are any questions or comments, please contact Lucinda Shannon at lshannon@tjpd.org or 413-219-1748.

Asset and System Condition Targets	State Target (4 years 2018 to 2021)	CA-MPO Current Target	CA-MPO 2019 actual	CA-MPO Targets for 2020 and 2021
Percentage of deck area of bridges in good condition (NBI on NHS)	30.5%	23%	10.9%	?
Percentage of deck area of bridges in poor condition (NBI on NHS)	2%	3%	7.7%	?
Percent of pavement in good condition (Interstate)	45%	45%	69.7%	45%
Percent of pavement in poor condition (Interstate)	3%	3%	0%	3%
Percent of pavement in good condition (NHS)	25%	25%	26.3%	25%
Percent of pavement in poor condition (NHS)	5%	5%	0.9%	5%
Percentage of person-miles traveled that are reliable (Interstate)	82%	99%	100%	?
Percentage of person-miles traveled that are reliable (Non-Interstate NHS)	82.5%	80%	93.5%	?
Truck travel time reliability index (Interstate)	1.56	1.2	1.15	?

- NBI, National Bridge Inventory covers all bridges used for vehicular traffic over 20 ft in length.

- The State adjusted the Percent of deck area of bridges in good condition from 33% to 30.5% during the midterm review.

- Targets in **bold** need to be confirmed or adjusted in the January Policy Board meeting.

Safety Performance Targets	State 2021 Target	CA-MPO Projected Trend 2021	CA-MPO Targets for 2021
Percent change fatalities	3.20%	-4.30%	?
Number of fatalities	898	7	
Percent Change serious injuries	-1.46%	-16.10%	?
Number of serious injuries	7,385	50	
Goal Percent Change non-motorized fatalities serious injuries	-0.08%	-1.80%	?
Number of non-motorized fatalities serious injuries	750	13	

- A positive value represents an increase and a negative value represents a reduction in five-year averages from 2019 to 2021