



MEMORANDUM

TO: TPB Technical Committee
FROM: Eric Randall, TPB Transportation Engineer
SUBJECT: Update on Federal Performance-Based Planning and Programming (PBPP) Rulemaking and Activities
DATE: January 26, 2018

This memorandum provides an update for the TPB Technical Committee on implementation of the performance-based planning and programming (PBPP) requirements under the federal surface transportation act Moving Ahead for Progress in the 21st Century (MAP-21) and continued in the Fixing America's Surface Transportation Act (FAST Act).

PBPP AND THE BOARD

The following is the timeline of board actions and briefings on PBPP targets for the region:

Completed;

- June 2017 – Approved Transit Asset Management (TAM) targets
- January 2018 – Approved Highway Safety targets

Upcoming:

- February 2018 – brief board on overall PBPP requirements: target-setting and regional coordination. Provide timeline of upcoming briefings and approval dates.
- April 2018 – brief on draft CMAQ Program targets (traffic congestion, mode share, emission reductions)
- May 2018 – approve CMAQ Program targets (traffic congestion, mode share, emission reductions)
- June 2018 – brief on draft Highway Asset (pavement and bridge condition) targets, highway System Performance (travel time reliability, freight reliability) targets
- July 2018 – approve Highway Asset (pavement and bridge condition) targets, highway System Performance (travel time reliability, freight reliability) targets

TPB staff is continuing collaboration with DDOT, MDOT, and VDOT, as well as with WMATA and other providers of public transportation, for each PBPP performance area: Highway Safety, Highway and Bridge Condition, System Performance (Congestion, Freight, and CMAQ). See Table 1 for the entire list of PBPP performance measures, including the types of responsible agencies and target setting deadlines.

TPB staff is collecting comments on the draft Letters of Agreement (LOAs) on appropriate responsibilities for the PBPP data collection and target-setting process, as required under the new Statewide and Metropolitan Planning Rule. The plan is to incorporate comments in February and disseminate a final version by the end of the month for signature by stakeholders in March and April.

TABLE 1: PERFORMANCE BASED PLANNING AND PROGRAMMING PERFORMANCE MEASURES

Table of entire list of Performance Measures

January 26, 2018

PBPP Areas	Agencies	DOTs / NHS Owners / Transit	
		Providers set Targets	MPO sets Targets
1. Planning Rules			
Agreement on sharing Data, selecting Targets, and Reporting Progress	DOTs, MPOs, Transit Providers	5/27/2018	5/27/2018
Date of conforming CLRP and TIP	MPOs	5/27/2018	5/27/2018
2. Highway Safety (5 measures)			
Number of Fatalities	DOTs, MPOs	8/31/2017	2/27/2018
Rate of Fatalities per 100 million VMT	DOTs, MPOs	8/31/2017	2/27/2018
Number of Serious Injuries	DOTs, MPOs	8/31/2017	2/27/2018
Rate of Serious Injuries per 100 million VMT	DOTs, MPOs	8/31/2017	2/27/2018
Number of Non-Motorized Fatalities and Serious Injuries	DOTs, MPOs	8/31/2017	2/27/2018
3. Highway Asset Condition (6 measures)			
<u>Interstate system</u> : Percentage of pavement in Good condition	DOTs, MPOs	5/20/2018	11/16/2018
<u>Interstate system</u> : Percentage of pavement in Poor condition	DOTs, MPOs	5/20/2018	11/16/2018
<u>NHS (non-Interstate)</u> : Percentage of pavement in Good condition	DOTs, MPOs, NHS Owners	5/20/2018	11/16/2018
<u>NHS (non-Interstate)</u> : Percentage of pavement in Poor condition	DOTs, MPOs, NHS Owners	5/20/2018	11/16/2018
<u>NHS</u> : Percentage of Bridges in Good Condition	DOTs, MPOs, NHS Owners	5/20/2018	11/16/2018
<u>NHS</u> : Percentage of Bridges in Poor Condition	DOTs, MPOs, NHS Owners	5/20/2018	11/16/2018
4. System Performance Measures: Highway (3 measures)			
<u>Interstate system</u> : Percentage of Person-Miles Traveled that are Reliable	DOTs, MPOs	5/20/2018	11/16/2018
<u>NHS (non-Interstate)</u> : Percentage of Person-Miles Traveled that are Reliable	DOTs, MPOs	5/20/2018	11/16/2018
<u>NHS</u> : Percent Change in Tailpipe CO2 Emissions	DOTs, MPOs	9/28/2018	3/27/2019
5. System Performance Measures: Freight Movement (1 measure)			
<u>Interstate system</u> : Percentage of Mileage providing for Reliable Truck Travel Times	DOTs, MPOs	5/20/2018	11/16/2018
6. System Performance Measures: Congestion Mitigation and Air Quality Program (3 measures)			
<u>NHS</u> : Annual Hours of Peak Hour Excessive Delay Per Capita	DOTs, MPOs	5/20/2018	5/20/2018
<u>NHS</u> : Percentage of Non- SOV Travel	DOTs, MPOs	5/20/2018	5/20/2018
<u>CMAQ Program Emissions</u> : Total Emission Reductions for each applicable criteria pollutant and precursor	DOTs, MPOs	5/20/2018	5/20/2018
7. Transit Asset Management (4 measures)			
<u>Rolling stock (Age)</u> : Percentage of revenue vehicles that have met or exceeded useful life	Transit Providers, MPOs	10/31/2018	4/29/2019
<u>Equipment (non-revenue) service vehicles (Age)</u> : Percentage of vehicles that have met or exceeded useful life	Transit Providers, MPOs	10/31/2018	4/29/2019
<u>Rail fixed-guideway (Condition)</u> : percentage of track segments, signal, and systems with performance restrictions	Transit Providers, MPOs	10/31/2018	4/29/2019
<u>Stations/ Facilities (Condition)</u> : The percentage rated below condition 3 on the TERM scale.	Transit Providers, MPOs	10/31/2018	4/29/2019
8. Transit Safety (4 measures)			
<u>Fatalities</u> : Total number and rate (per revenue vehicle mile) of reportable fatalities	Transit Providers, MPOs	TBD	TBD + 1 year
<u>Injuries</u> : Total number and rate of reportable injuries	Transit Providers, MPOs	TBD	TBD + 1 year
<u>Safety Events</u> : Total number and rate of reportable Derailments, Collisions, Fires, and Evacuations	Transit Providers, MPOs	TBD	TBD + 1 year
<u>System Reliability</u> : Mean distance between Major and Other Mechanical System Failures	Transit Providers, MPOs	TBD	TBD + 1 year

