

**Winston-Salem Urban Area Metropolitan Planning Organization
Transportation Advisory Committee
Action Request**

Meeting Date: January 18, 2018 **Agenda Item Number:** 8

Action Requested: Review of FHWA Safety Performance Management (Safety PM), part of the overall Transportation Performance Management (TPM) program.

SUMMARY OF INFORMATION: **Attachments:** Yes X No

The Federal Highway Administration’s (FHWA) Federal-aid Highway Program was transformed in 2012 by the passing of Public Law 112-141: “Moving Ahead for Progress in the 21st Century” (MAP-21) and again modified in 2015 by Public Law 114-94: “Fixing America’s Surface Transportation Act” (FAST Act). Parts of MAP-21 and the FAST Act necessitate new performance management requirements administered through the FHWA’s Transportation Performance Management (TPM) program. These requirements function to ensure that state DOTs and Metropolitan Planning Organizations (MPOs) prioritize efficient investments when applying for and spending federal transportation funds.

The TPM program’s function is to focus attention on the seven “national Federal highway performance goals”, increase transparency of the Federal-aid Highway Program by emphasizing a data driven approach, and improve project process efficiency through performance based planning and programming. Based on the function of the TPM, “state DOTs will now be required to establish performance targets and assess performance in 12 areas established by MAP-21, and FHWA will assess their progress toward meeting targets in 10 of these areas.”

The top priority of NCDOT and the first on the list of the FHWA national goals is safety. Five determined categories of safety performance measures are: (1) Reduction of the total number of fatalities; (2) Reduction of the rate of fatalities per one hundred million vehicle miles traveled (VMT); (3) Reduction of the total number of serious injuries; (4) Reduction of the rate of serious injuries per one hundred million VMT; and (5) reduction of the total number of non-motorized fatalities and serious injuries.

On the August 31, 2017, NCDOT set its targets for the state’s Safety Performance Measures (PM). North Carolina MPOs have 180 days (February 27, 2018) to either adopt the state’s targets or set their own targets, followed by an additional 90 days (May 27, 2018) to amend their transportation plans--locally, the Winston-Salem Urbanized Area Metropolitan Planning Organization (WSMPO) Metropolitan Transportation Plan (MTP). The NCDOT and WSMPO’s Safety Performance Measure targets can be found in the chart below. State DOTs that fail to meet or make significant progress toward meeting safety targets will be required to direct a portion of their Highway Safety Improvement Program (HSIP) funding toward projects that will improve safety. There are no repercussions for MPOs who do not meet or make significant progress toward meeting the safety targets.

SAFETY PERFORMANCE MEASURES

PERFORMANCE SAFETY MEASURES	NCDOT 2018 TARGET	NCDOT 2012 - 2016 AVG	NCDOT 2014 - 2018 AVG TARGET	WSMPO 2012 - 2016 AVG	WSMPO 2014-2018 AVG TARGET
TOTAL NUMBER OF AUTO FATALITIES	REDUCTION OF 5.1% PER YEAR	1340.6	1207.3	41.6	36.9
RATE OF AUTO FATALITIES (PER 100 MILLION VMT)	REDUCTION OF 4.75% PER YEAR	1.228	1.114	0.857	0.764
TOTAL NUMBER OF AUTO SERIOUS INJURIES	REDUCTION OF 5.1% PER YEAR	2399.8	2161.2	88.0	77.7
RATE OF AUTO SERIOUS INJURIES (PER 100 MILLION VMT)	REDUCTION OF 4.75% PER YEAR	2.191	1.988	1.815	1.610
TOTAL NUMBER OF NON-MOTORIZED FATALITIES	REDUCTION OF 5.3% PER YEAR	438.8	393.5	13.4	12.1