

**A RESOLUTION  
BY THE  
TRANSPORTATION POLICY BOARD  
OF THE  
MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
ADOPTION TO SUPPORT THE SYSTEM PERFORMANCE MEASURE TARGETS FOR  
THE STATE OF TENNESSEE AND THE STATE OF MISSISSIPPI**

**RESOLUTION #2018-09**

WHEREAS, the Memphis Urban Area Metropolitan Planning Organization (MPO) is the organization responsible for planning an efficient transportation system in the Memphis Metropolitan Planning Area and for the appropriate use of federal transportation funds in that area; and

WHEREAS, in 2012 Congress passed the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) and Fixing America's Surface Transportation (FAST) Act that mandate the establishment of a performance and outcome based program for transportation decisions; and

WHEREAS, a national goal has been established to achieve the reliable and efficient movement of people and freight along the Interstate System and National Highway System (NHS) and to total emissions from on-road vehicles; and

WHEREAS, the System Performance Management regulations (23 CFR 490 Subparts E & F & H) established four total measures for system performance conditions with two performance measures to assess performance of the National Highway System (NHS), one performance measure to assess freight movement on the Interstate System, and one performance measure to assess total vehicle emissions reduction as follows: (1) Percentage of person-miles traveled on the Interstate System that are reliable; (2) percentage of person-miles traveled on the NHS (excluding the Interstate System) that are reliable; (3) freight movement as measured by a Truck Travel Time Reliability Index; (4) total reduction of emissions from on-road mobile sources; and

WHEREAS, 23 CFR Part 490 – Subpart G – the Congestion Mitigation Performance Measures was approved on April 19, 2018 for the tri-state Memphis TN, MS, AR Urbanized Area

WHEREAS, the Tennessee Department of Transportation (TDOT) and the Mississippi Department of Transportation (MDOT) must establish 2- and 4-year targets for the above measures for a 4-year performance period by May 20, 2018; and

WHEREAS, MPOs have 180 days following the establishment and reporting of the State targets to make a decision regarding whether to support each state's 2- and 4-year targets or to establish their own;

WHEREAS, Memphis MPO staff conducted a workshop on October 2, 2018 to confer with the Engineering and Technical Committee (ETC) and to coordinate with TDOT/MDOT and FHWA; and

WHEREAS the Engineering and Technical Committee has recommended that the Memphis MPO support each individual state's system performance targets as specified in the FAST Act by agreeing to plan and program projects that support the established state targets as shown in "Table 1," "Table 2," and "Table 3" attached to the resolution.

BE IT FURTHER RESOLVED, that the Transportation Policy Board of the Memphis Urban Area Metropolitan Planning Organization (MPO) hereby approves that the Memphis MPO will support each individual state's System Performance Targets for each of the above-mentioned measures by agreeing to plan and program projects so that they contribute toward the accomplishment of each state's System Performance Measure Targets.

**Resolution duly passed on November 15, 2018**

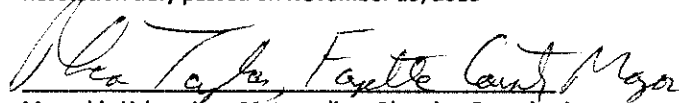
  
**Memphis Urban Area Metropolitan Planning Organization**

TABLE 1: MEMPHIS MPO PERFORMANCE TARGETS				
PM3 - SUBPART E				
Travel Time Reliability Performance Measures	Tennessee (TDOT)		Mississippi (MDOT)	
	Baseline (2017)	4-Year Target (2021)	Baseline (2017)	4-Year Target (2021)
Percentage of Person Miles Traveled that are Reliable (Interstate)	87.7%	83.0%	99.3%	90.0%
Percentage of Person Miles Traveled that are Reliable (Non-Interstate NHS)	NOT APPLICABLE	87.5%	NOT APPLICABLE	85.0%

TABLE 2: MEMPHIS MPO PERFORMANCE TARGETS				
PM3 - SUBPART F				
Freight Movement Performance Measures	Tennessee (TDOT)		Mississippi (MDOT)	
	Baseline (2017)	4-Year Target (2021)	Baseline (2017)	4-Year Target (2021)
Truck Travel Time Reliability (TTTR) Index	1.35	1.33	1.13	1.50

TABLE 3: MEMPHIS MPO PERFORMANCE TARGETS						
PM3 - SUBPART H						
Congestion Mitigation & Air Quality Performance Measures	Tennessee (TDOT)			Mississippi (MDOT)		
	Baseline (FY 2014-17)	2-Year Target (FY 2018-19)	4-Year Target (FY 2018-2021)	Baseline (FY 2014-17)	2-Year Target (FY 2018-19)	4-Year Target (FY 2018-2021)
Total Emissions Reductions (VOC) kg/day	230.025	30.698	61.396	28.000	> 0	> 0
Total Emissions Reductions (CO) kg/day	530.282	75.000	150.000	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
Total Emissions Reductions (NOx) kg/day	363.399	62.840	125.680	85.000	> 0	> 0