

**A RESOLUTION  
BY THE  
TRANSPORTATION POLICY BOARD  
OF THE  
MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
ADOPTION OF THE  
CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PERFORMANCE MEASURE TARGETS**

**RESOLUTION #2022-03**

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 in 2021 Congress passed the Infrastructure Investment and Jobs Act (IIJA), continuing the performance based planning program; and

WHEREAS, State DOTs and MPOs are required to establish targets on measures identified in 23 Code of Federal Regulations (CFR) 490; and

WHEREAS, 23 CFR Part 490 – Subpart G - the Congestion Mitigation and Air Quality (CMAQ) Performance Measures, requires single, unified targets to be established, by the Memphis MPO, the West Memphis MPO, the Tennessee Department of Transportation (TDOT), the Mississippi Department of Transportation (MDOT), and the Arkansas Department of Transportation (ARDOT) which applies to the entirety of the tri-state Memphis TN, MS, AR Urbanized Area for two measures - the annual hours of Peak Hour Excessive Delay (PHED) per capita, and the percent of Non-Single Occupancy Vehicles (SOV) travel, as depicted in **Table 1**, attached to this resolution; and

WHEREAS, the Memphis MPO, the West Memphis MPO, TDOT, MDOT, and ARDOT, held regularly scheduled meetings to coordinate efforts and establish single, unified targets for the tri-state area, for Subpart G CMAQ Performance Measures; and

WHEREAS, 23 CFR 490 – Subpart H, the System Performance Management regulations established four total measures for system performance conditions with one performance measure to assess total vehicle emissions reduction as follows: total reduction of emissions from on-road mobile sources, as depicted in **Table 2**, attached to this resolution; and

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; and

WHEREAS, the MPO supports the Tennessee Department of Transportation (TDOT) and the Mississippi Department of Transportation (MDOT) 2- and 4-year targets for Subpart H CMAQ Performance Measures; and

WHEREAS, the Engineering and Technical Committee has reviewed the targets and has recommended approval of the CMAQ Performance Measure Targets for Subpart G and Subpart H to the Transportation Policy Board (TPB);

NOW, THEREFORE, BE IT RESOLVED, that the Transportation Policy Board of the Memphis Urban Area Metropolitan Planning Organization does hereby approve that the Memphis MPO will support the CMAQ targets, as depicted in **Table 1 and Table 2**, which will be reported to FHWA no later than October 1, 2022, by the State DOTs.

**Resolution duly passed on May 19, 2022**

  
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**Mayor Jim Strickland,**  
**Chairman, Transportation Policy Board**  
**Memphis Urban Area Metropolitan Planning Organization**

**MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION CMAQ PERFORMANCE MEASURE TARGETS**

**TABLE 1 ATTACHMENT: MEMPHIS MPO PERFORMANCE MEASURE TARGETS**

PM3 - SUBPART G			
Memphis, TN-MS-AR Urbanized Area			
Congestion Mitigation & Air Quality Performance Measures	Baseline*	2-Year Target (2024)	4-Year Target (2026)
	8.4 Hours	9.6 Hours	9.6 Hours
	16.8%	16.2%	16.2%

\* The baseline is based on the most current data available and used for reference only.

**TABLE 2 ATTACHMENT: MEMPHIS MPO PERFORMANCE MEASURE TARGETS**

PM3 - SUBPART H						
Congestion Mitigation & Air Quality Performance Measures	Tennessee (TDOT)			Mississippi (MDOT)		
		Baseline (2018-2021)	2-Year Target (2024)	4-Year Target (2026)	Baseline (2018-2021)	2-Year Target (2024)
Total Emissions Reductions (VOC) kg/day	51,440	33,968	42,072	0	≥ 0	≥ 0
Total Emissions Reductions (NOx) kg/day	201,137	32,670	50,671	0	≥ 0	≥ 0