A RESOLUTION
BY THE
TRANSPORTATION POLICY BOARD
OF THE
MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION
ADOPTION OF THE
UPDATED 4-YEAR CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PERFORMANCE MEASURE TARGETS

RESOLUTION #2024-05

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 21st 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, the Federal regulations allow State DOTs and MPOs to adjust the 4-year Performance Measure Targets at the mid-point; 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; and

WHEREAS, the Memphis MPO, the West Memphis MPO, TDOT, MDOT, and ARDOT, coordinated efforts to establish single, unified targets for the tri-state area, and updated the 4-year target for the annual hours of Peak Hour Excessive Delay (PHED) per capita for Subpart G CMAQ Performance Measures; as depicted in **Table 1**, attached to this resolution; 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 statewide as follows: total reduction of emissions from on-road mobile sources; and

WHEREAS, TDOT has adjusted the State of Tennessee's 4-year target for the total reduction of emissions from on-road mobile sources, and the MPO supports the Tennessee Department of Transportation (TDOT) updated 4-year target for Subpart H CMAQ Performance Measures; as depicted in **Table 2**, attached to this resolution; and

WHEREAS, the Engineering and Technical Committee has reviewed the updated 4-year targets and has recommended approval of the updated 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 updated 4-year CMAQ targets, as depicted in **Table 1 and Table 2**, which will be reported to FHWA no later than October 1, 2024, by the State DOTs.

Resolution duly passed on May 23, 2024

Mayor Paul A. Young
Chairman, Transportation Policy Board
Memphis Urban Area Metropolitan Planning Organization

TABLE 1: UPDATED CMAQ PERFORMANCE MEASURE TARGET			
PM3 - SUBPART G			
Congestion Mitigation & Air Quality Performance Measures	Memphis, TN-MS-AR Urbanized Area		
	Baseline (2022)*	4-Year Target (2026)	Updated 4-Year Target (2026)
Annual Hours of Peak-Hour Excessive Delay per Capita	8.4 Hours	9.6 Hours	10.8 Hours

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

TABLE 2: UPDATED CMAQ PEFORMANCE MEASURE TARGET			
PM3 - SUBPART H			
Congestion Mitigation & Air Quality Performance Measures	Tennessee (TDOT)		
	Baseline (2018-2021)	4-Year Target (2026)	Updated 4-Year Target (2026)
Total Emissions Reductions (VOC) kg/day	51.440	42.072	30.854
Total Emissions Reductions (NOx) kg/day	201.137	50.671	27.808