

RESOLUTION 17-R-30 in support of the I-24 Smart Corridor Project Concept and Funding Plan.

WHEREAS, Interstate 24 ("I-24") from Interstate 440 ("I-440", Exit 53) to State Route 10 / US Route 231 (Exit 81), a distance of approximately 28 miles, is a major interstate corridor used for the movement of people, goods, and services within Rutherford County and Davidson County; and State Route 1 ("SR 1") from I-24 to SR 1 / US Route 231, a distance of approximately 28.5 miles, is a major arterial corridor used for the movement of people, goods, and services within Rutherford County and Davidson County; and connector routes between I-24 and SR 1 from Briley Parkway (SR 155) to US Route 231, totaling a distance of approximately 30 miles, consists of minor and principal arterials used for the movement of people, goods and services within Davidson County and Rutherford County; and

WHEREAS, the Tennessee Department of Transportation ("TDOT") (the "Sponsoring Agency"), in partnership with Nashville Area Metropolitan Planning Organization ("MPO"), Metropolitan Government of Nashville – Davidson County, City of La Vergne, Town of Smyrna, City of Murfreesboro, Rutherford County, Nashville Metropolitan Transit Authority ("MTA"), Regional Transit Authority ("RTA"), Transportation Management Association ("TMA Group"), Tennessee Highway Patrol ("THP"), Metropolitan Nashville Police Department, Rutherford County Sheriff's Office, collectively the "the Participating Agencies;" and

WHEREAS, the Participating Agencies have identified the overall goals of the I-24 SMART Corridor Project to develop, implement and deploy a comprehensive systems management strategy in order to create a balanced, responsive, and equitable system that will monitor and control traffic; share information with the public; improve system and travel time reliability, support modal shift, and improve the safety, efficiency, maintenance and operations, and mobility of all users (motorists, transit riders, transit operators, and freight haulers) for the benefit of all communities along the corridor; and

WHEREAS, other transportation and commute programs and projects are in place or are planned in the Corridor such as MTA's Murfreesboro Pike Transit Signal Priority Project, TDOT's Statewide Transportation Demand Management (TDM) plan, and TDOT's Systems Engineering Assessment (SEA) for central software for TDOT's SmartWay ITS Program; and

WHEREAS, with the support of the other Sponsoring Agencies, the Nashville Area Metropolitan Planning Organization ("MPO") has listed the project in 2017-2020 Transportation Improvement Program (TIP); and

WHEREAS, the City of Murfreesboro has received, reviewed, and accepted the project description regarding the proposed planning, design, construction, implementation, and operations of the I-24 SMART Corridor Project, as set forth in "Exhibit A, I-24 SMART Corridor Executive Summary," which is attached hereto and made a part hereof.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MURFREESBORO, TENNESSEE, AS FOLLOWS:


SECTION 1. Supports implementation of the I-24 SMART Corridor Project as described in "Exhibit A, I-24 SMART Corridor Executive Summary."

SECTION 2. Supports the overall goals of the I-24 SMART Corridor Project as described above.

SECTION 3. Will participate in the Technical Advisory Committee meetings to finalize the requirements of the I-24 SMART Corridor Project.

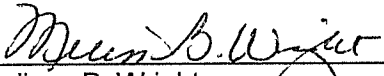
SECTION 4. This Resolution shall be effective immediately, the public welfare and the welfare of the City requiring it.

Passed: December 14, 2017


Shane McFarland, Mayor

ATTEST:

APPROVED AS TO FORM:


Melissa B. Wright
City Recorder



Craig D. Tindall
City Attorney

Exhibit A: I-24 SMART Corridor Executive Summary

Interstate 24 (I-24) is an integral part of the Nashville regional transportation network and a major route for commuters and freight. Traffic volumes along this corridor have experienced exponential growth in recent years. Since 2005, traffic volumes have increased by more than 60 percent in Murfreesboro – Rutherford County segments of I-24. To respond to this increased traffic demand, the Tennessee Department of Transportation (TDOT) has initiated an Active Traffic Management Pilot Project along the I-24 corridor, named the I-24 SMART Corridor, in partnership with the local agencies to integrate freeway and arterial roadway elements. TDOT is responsible for the operations and management of I-24, and arterial roadways are managed by local agencies.

The Project Limits for the I-24 SMART Corridor include approximately 28 miles along I-24 from Exit 53 (Interstate 440) in Metropolitan Nashville-Davidson County to Exit 81 (State Route (SR) 10 / US Route 231) in the City of Murfreesboro and approximately 28.5 miles along State Route 1 (SR 1) from I-24 in Metropolitan Nashville – Davidson County to SR 10 / US 231 in the City of Murfreesboro. The project limits further consist of approximately 30 miles of connector routes between I-24 and SR 1. Additionally, there are 123 traffic signals along SR 1 and the connector routes and 16 interchanges along I-24.

To attain the project purpose and goals, TDOT is evaluating a combination of short term and ultimate improvements to implement the following strategies:

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| ▪ Active Freeway Management | Coordination |
| ▪ Active Traffic Management (ATM) | ▪ Travel Demand Management (TDM) |
| ▪ Active Arterial Management (AAM) | ▪ Traveler Information Enhancements |
| ▪ Ramp Metering System | ▪ Connected Vehicle / Autonomous Vehicle (CV / AV) Deployment |
| ▪ Part-time Shoulder Use Planning / | |

The I-24 SMART Corridor Project serves to develop, implement and deploy a comprehensive systems management strategy in order to create a balanced, responsive, and equitable system that will monitor and control traffic; share information with the public; improve system and travel time reliability, support modal shift, and improve the safety, efficiency, maintenance and operations, and mobility of all users (motorists, transit riders, transit operators, and freight haulers) for the benefit of all communities along the corridor.