



WHEREAS, this project will continue the implementation of backbone communication infrastructure for advanced traffic operations as a prerequisite for active traffic management, transit signal priority, signal performance measures as well as future connected vehicle opportunities as technology advances and expands.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY:

Section 1. That the Cooperative Agreement by and between the Federal Highway Administration United States Department of Transportation ("FHWA"), the Tennessee Department of Transportation ("TDOT"), and the Metropolitan Government of Nashville and Davidson County, acting by and through its Department of Public Works, attached hereto as Exhibit A, and incorporated herein, is hereby approved, and the Metropolitan Mayor is authorized to execute the same.

Section 2. That this resolution shall take effect from and after its final passage, the welfare of The Metropolitan Government of Nashville and Davidson County requiring it.

### Analysis

This resolution approves a grant agreement among the Federal Highway Administration (FHWA), the Tennessee Department of Transportation (TDOT), and Metro Public Works for a project to develop and implement connected transit technology on the Charlotte Avenue/Dr. Martin L King, Jr Blvd corridor. The technology enhancements will focus on WeGo Route 50 where the connected transit data (such as real-time bus spacing and occupancy data) will be provided to the drivers. The project will create a transit monitoring software application to compile the data. This project is to serve as a model program for future expansion.

The amount of the federal grant award is \$1,500,000, with a required match of \$1,500,000 to be funded by \$1,000,000 from the state and \$500,000 from Metro.