

SUMMARY SHEET

I. Description of Item

This item awards a construction contract to Shelby Electric Company, Inc. in the amount of \$1,689,585.00 with an extra work allowance of \$84,480.00 for a total project budget of \$1,774,065.00 for the upgrading of traffic signal systems under the Congestion Management Air Quality (CMAQ) Program in Shelby County. This project was awarded based on competitive bids.

The Congestion Management Air Quality (CMAQ) program is a federally funded initiative to improve traffic flows and reduce congestion which shortens vehicle idle time and lessens the amount of harmful toxins emitted into the atmosphere. This reduction is primarily achieved by improving traffic efficiency at intersections through the adjustment of traffic signal timings; the upgrading of existing signals with traffic actuation which allows traffic to flow when no cars are present in the opposing lanes; and the installation of new traffic signal systems.

This specific project provides traffic signal coordination for intersections along the Forest Hill-Irene corridor between Shelby Drive and S.R. 385 and along Lamar Avenue from Winchester Road to Shelby Drive; U.S. Highway 72 from Center Street to S.R. 385; Kirby Parkway from Quail Hollow Road to Poplar Pike; and Shady Grove Road/Ridgeway Road from Briarcrest Avenue to Poplar Avenue. This project will reduce travel times along these corridors by coordinating green times. In addition, any signals not currently equipped with video detection and emergency vehicle preemption will be upgraded.

II. Source and Amount of Funding

Federal funds from the Tennessee Department of Transportation are available from Account Number 698-301007-7023 in the amount of \$1,689,585.00 with an extra work allowance of \$84,480.00 for a total amount of \$1,774,065.00.

No local match required.

A. Amount Expended/Budget Line Item

1. Construction Bid: \$ 1,689,585.00
2. Extra Work Allowance: \$ 84,480.00 (subject to TDOT approval)
- Total: \$1,774,065.00

B. All Costs (Direct/Indirect)

1. Construction costs is \$1,774,065.00 with contingency

III. Communicate How the Resolution Affects:

- A. **Subawards** – N/A
- B. **Personnel** – N/A
- C. **Equipment** – N/A
- D. **Contracts** – This resolution approves a contract with Shelby Electric Company, Inc. to provide traffic signal systems upgrades.

IV. Other Relevant Information

TDOT has concurred in the award of this project to Shelby Electric Company, Inc. The contractor has committed to meet the Disadvantaged Business Enterprise (DBE) goal for this project of 3.0%.

The Administration recommends approval of this item.