

eSTIP Project Report



ID	PIN #	Length in Miles	Lead Agency
23-2017-051	127958.00	6.50	City of Knoxville

County:

Knox

Route

-

Total Project Cost

\$2,925,739.00

Project Name:

Middlebrook Pike (SR-169) ATMS Expansion

Termini

Middlebrook Pike (SR-169)/University Ave. from College Street to Joe Hinton Road.

Project Description

Purchase, installation and integration of fiber optics, signal controllers, signal monitors, closed loop equipment, enhanced detection, DSRC, traffic signal cable and software. Project also includes development of new signal timing plans for the new equipment and software.

Long Range Plan #

18-603

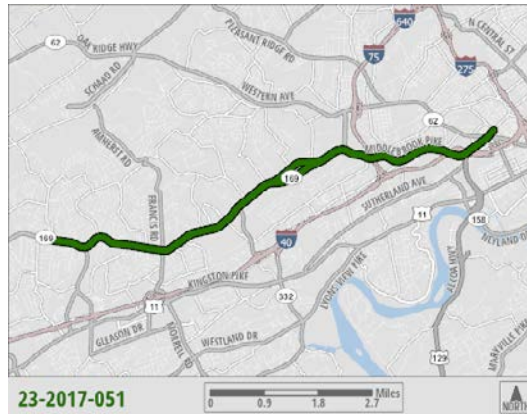
Conformity Status

Exempt

FY	Phase	Fund Code	Total Funds	Federal Funds	State Funds	Local Funds
2024	CONST	CMAQ	\$2,388,240	\$2,388,240	\$0	\$0
Total			\$2,388,240	\$2,388,240	\$0	\$0

Comments:

\$537,499 federal CMAQ previously obligated
 Modification #279: Modify project to increase construction funding to cover the most recent estimated construction phase total and increase the project's total cost. Construction is programmed in FY 24 at a total cost of \$ 2,388,240 CMAQ (\$2,388,240 federal). The additional CMAQ funding for the construction phase is new CMAQ PM2.5 funding and in addition to the original CMAQ award. This modification adds \$495,739 (\$495,739 federal) to this project and the TIP. The total project cost is increased to \$2,925,739.



FY 23-26 TIP Cost Overrun Summary

CMAQ PM 2.5 Program							
Agency	TIP ID	Project Name	Tech Date	Original Programmed Total Cost	Funding Increase	Federal Increase	% of total cost Increase
Oak Ridge	23-2017-053	Oak Ridge Signal Timing Optimization Ph. 2	8/8/23	\$ 2,855,400	\$ 1,239,843	\$ 1,239,843	43.4%
Knoxville	23-2017-051	Middlebrook Pike (SR-169) ATMS Expansion	N/A	\$ 2,430,000	\$ 495,739	\$ 495,739	20.4%
Knoxville	23-2017-028	Accelerated Bus Corridor Stops/Passenger Information Systems Install	5/14/24	\$ 7,049,000	\$ 750,000	\$ 610,000	10.6%
KAT	23-2023-308	Travel Congestion & Clean Air Improvement Grouping (KAT Electric Transit Bus Purchase)	5/14/24	\$ -	\$ 8,960,000	\$ 7,168,000	N/A
Knox County	23-2017-063	Knox County Advanced Traffic Management System - Phase II	N/A	\$ 1,406,500	\$ 194,948	\$ 194,948	13.9%
Knoxville	23-2017-061	Traffic Signal Upgrades for UT Area	2/11/25	\$ 2,967,000	\$ 2,620,911	\$ 2,620,911	88.3%
Knoxville	23-2014-042	Traffic Control Equipment Upgrade	2/11/25	\$ 12,166,000	\$ 921,425	\$ 921,425	7.6%
Knoxville	23-2017-051	Middlebrook Pike (SR-169) ATMS Expansion	3/11/25	\$ 2,925,739	\$ 640,278	\$ 640,278	21.9%

Total Cost Overrun Amount	\$ 13,891,144
Current CMAQ PM2.5 Reserve Balance	\$ 3,079,290
2025 Projected CMAQ PM2.5 Reserve Balance	\$ 92,587
2026 Projected CMAQ PM2.5 Reserve Balance	\$ 3,903,585