



September 2, 2020

Tennessee Department of Transportation
James K. Polk Building, Suite 1800
505 Deaderick Street
Nashville, TN 37243-0349

SUBJECT: Administrative Modification to project 20-2017-051 (Middlebrook Pike (SR-169) ATMS Expansion)

Dear TDOT,

The Knoxville Regional TPO requests concurrence by TDOT to administratively modify the FY 2020-2023 TIP concerning the following project:

Administrative Modification 20-2017-051 (Middlebrook Pike (SR-169) ATMS Expansion) - Modify project to reflect correct eastern project terminus as College Street, not Western Avenue. This correction is processed as an administrative modification per consultation with TDOT & FHWA. There are no changes to project schedule, funding or total cost.

This administrative modification has been incorporated into our FY 2020-2023 TIP. The project pages and relevant financial tables are included with this letter. If you have any questions please contact me at (865) 215-3825.

Sincerely,

A handwritten signature in blue ink that reads "C. Luebke".

Craig Luebke, AICP
Transportation Planner

Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

ORIGINAL

TIP No.	20-2017-051	Revision No.	1	Mobility Plan No.	18-603	
TDOT PIN	127958.00	STIP No.				
Project Name	Middlebrook Pike (SR-169) ATMS Expansion					
Lead Agency	City of Knoxville					
Total Project Cost	\$2,430,000					

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.				
Termini/Intersection	Middlebrook Pike (SR-169)/University Ave. from Western Ave. to Joe Hinton Rd.				
Counties	Knox				
City/Agency	City of Knoxville				
Length	6.5	(miles)	Conformity Status	Exempt	

Additional Details: \$30,000 federal CMAQ funds previously obligated to this project.

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$1,934,652	\$1,934,652	\$0	\$0	\$0
2020	PE-N/PE-D	CMAQ	\$465,348	\$465,348	\$0	\$0	\$0
Total			\$2,400,000	\$2,400,000	\$0	\$0	\$0

Revision Date	4/13/2020
Revision Details	Modify project to reflect revised PE-N/PE-D phase totaling \$465,348 (465,348 federal CMAQ) in FY 2020. This modification adds \$20,000 CMAQ (\$20,000 federal) to the TIP and shifts \$280,348 from construction to design phases. Additional details are revised to reflect \$30,000 federal funds previously obligated to this project. The total project cost remains \$2,430,000.
Previous TIP No.	17-2017-051



Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

MODIFIED

TIP No.	20-2017-051	Revision No.	2	Mobility Plan No.	18-603	
TDOT PIN	127958.00	STIP No.				
Project Name	Middlebrook Pike (SR-169) ATMS Expansion					
Lead Agency	City of Knoxville					
Total Project Cost	\$2,430,000					

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.				
Termini/Intersection	Middlebrook Pike (SR-169)/University Ave. from College Street to Joe Hinton Road.				
Counties	Knox				
City/Agency	City of Knoxville				
Length	6.5	(miles)	Conformity Status	Exempt	

Additional Details: \$30,000 federal CMAQ funds previously obligated to this project.

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$1,934,652	\$1,934,652	\$0	\$0	\$0
2020	PE-N/PE-D	CMAQ	\$465,348	\$465,348	\$0	\$0	\$0
Total			\$2,400,000	\$2,400,000	\$0	\$0	\$0

Revision Date	9/2/2020
Revision Details	Modify project to reflect correct eastern project terminus as College Street, not Western Avenue. This correction is processed as an administrative modification per consultation with TDOT & FHWA. There are no changes to project schedule, funding or total cost.
Previous TIP No.	17-2017-051



Table 1. Summary of Programmed Revenues

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
ACNHPP	\$74,000,000	\$0	\$0	\$0	\$74,000,000	12.16
CMAQ	\$29,630,809	\$5,602,926	\$6,157,250	\$96,100	\$41,487,085	6.81
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.57
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.68
HSIP	\$7,866,100	\$2,187,500	\$1,312,500	\$875,000	\$12,241,100	2.01
LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,155,000	\$8,000,000	\$0	\$0	\$11,155,000	1.83
L-STBG	\$44,153,987	\$16,474,513	\$24,090,138	\$17,005,685	\$101,724,323	16.71
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.57
NHPP	\$78,822,500	\$78,157,500	\$77,360,000	\$21,744,000	\$256,084,000	42.06
PHSIP	\$41,625	\$34,688	\$20,813	\$13,875	\$111,001	0.02
RHSIP	\$950,000	\$32,900	\$14,100	\$7,050	\$1,004,050	0.16
SECTION 5307	\$8,919,689	\$8,666,341	\$8,666,341	\$8,666,341	\$34,918,712	5.74
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.57
SECTION 5339	\$974,664	\$931,120	\$931,120	\$931,120	\$3,768,024	0.62
S-STBG	\$25,321,063	\$9,500,000	\$2,800,000	\$8,600,000	\$46,221,063	7.59
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.86
Total	\$288,613,336	\$131,589,878	\$124,836,587	\$63,751,794	\$608,791,595	100.00
Federal	\$173,628,269	\$99,678,527	\$100,521,939	\$50,375,068	\$424,203,803	69.68
State	\$100,483,489	\$18,876,296	\$16,573,816	\$8,654,161	\$144,587,762	23.75
Local	\$14,038,423	\$12,572,664	\$7,278,441	\$4,260,174	\$38,149,702	6.27
Other	\$463,155	\$462,391	\$462,391	\$462,391	\$1,850,328	0.30

Table 2. Summary of Programmed Expenditures

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
ACNHPP	\$74,000,000	\$0	\$0	\$0	\$74,000,000	12.16
CMAQ	\$29,630,809	\$5,602,926	\$6,157,250	\$96,100	\$41,487,085	6.81
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.57
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HSIP	\$7,866,100	\$2,187,500	\$1,312,500	\$875,000	\$12,241,100	2.01
LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,155,000	\$8,000,000	\$0	\$0	\$11,155,000	1.83
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KNOXVILLE REGIONAL TPO TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

MODIFIED

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NOTE: Financial Tables run on 9/2/20 and reflect:
No funding changes