



September 16, 2020

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

SUBJECT: Administrative Modification to project 20-2014-229 (Knox County Advanced Traffic Management System – Ph. 1)

Dear TDOT,

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

**Administrative Modification 20-2014-229 (Knox County Advanced Traffic Management System – Ph. 1) -** Modify project to reflect current design and construction cost estimates as well as correct local and state matching funds. This modification adds the PE-D phase to program additional costs. \$356,801 (\$194,683 federal CMAQ/\$1,538 state/\$160,580 local) is added to the project cost. This adjustment increases the total project cost to \$2,125,238.

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,

Craig Luebke, AICP  
Transportation Planner

# Knoxville Regional Transportation Planning Organization

## TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

ORIGINAL

TIP No.	20-2014-229	Revision No.	0	Mobility Plan No.	13-816	
TDOT PIN	121587.00	STIP No.				
Project Name	Knox County Advanced Traffic Management System - Phase 1					
Lead Agency	Knox County					
Total Project Cost	\$1,768,437					

Project Description	The project is to design and implement advanced traffic management system on two priority roads - Maynardville Pike and Cedar Bluff Road, and at the intersection of Norris Freeway and Emory Road.				
Termini/Intersection	Cedar Bluff Rd from Sherrill Blvd to Middlebrook Pk (SR-169) and Maynardville Pk from Rifle Range Rd to E. Emory Rd				
Counties	Knox				
City/Agency	Knox County				
Length	3.7	(miles)	Conformity Status	Exempt	

Additional Details	\$248,000 federal CMAQ funds previously obligated for this project.				
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**Programmed Funds**

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$152,185	\$121,748	\$30,437	\$0	\$0
2020	CON	CMAQ	\$1,368,252	\$1,368,252	\$0	\$0	\$0
Total			\$1,520,437	\$1,490,000	\$30,437	\$0	\$0

Revision Date					
Revision Details					
Previous TIP No.	2014-229, 17-2014-229				



# Knoxville Regional Transportation Planning Organization TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

MODIFIED

TIP No.	20-2014-229	Revision No.	1	Mobility Plan No.	13-816
TDOT PIN	121587.00	STIP No.			
Project Name	Knox County Advanced Traffic Management System - Phase 1				
Lead Agency	Knox County				
Total Project Cost	\$2,125,238				

Project Description	The project is to design and implement advanced traffic management system on two priority roads - Maynardville Pike and Cedar Bluff Road, and at the intersection of Norris Freeway and Emory Road.				
Termini/Intersection	Cedar Bluff Rd from Sherrill Blvd to Middlebrook Pk (SR-169) and Maynardville Pk from Rifle Range Rd to E. Emory Rd				
Counties	Knox				
City/Agency	Knox County				
Length	3.7	(miles)	Conformity Status	Exempt	
Additional Details	\$248,000 federal CMAQ funds previously obligated for this project.				

**Programmed Funds**

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$68,455	\$54,764	\$0	\$13,691	\$0
2020	CON	CMAQ	\$159,876	\$127,901	\$31,975	\$0	\$0
2020	CON	CMAQ	\$1,453,518	\$1,453,518	\$0	\$0	\$0
2020	CON	LOCAL	\$146,889	\$0	\$0	\$146,889	\$0
2020	PE-D	CMAQ	\$48,500	\$48,500	\$0	\$0	\$0
<b>Total</b>			<b>\$1,877,238</b>	<b>\$1,684,683</b>	<b>\$31,975</b>	<b>\$160,580</b>	<b>\$0</b>

Revision Date	9/16/2020
Revision Details	Modify project to reflect current design and construction cost estimates as well as correct local and state matching funds. This modification adds the PE-D phase to program additional costs. \$356,801 (\$194,683 federal CMAQ/\$1,538 state/\$160,580 local) is added to the project cost. This adjustment increases the total project cost to \$2,125,238.
Previous TIP No.	2014-229, 17-2014-229



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	11.90
CMAQ	\$29,630,809	\$5,602,926	\$6,157,250	\$96,100	\$41,487,085	6.67
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.56
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.65
HSIP	\$12,561,100	\$2,187,500	\$1,312,500	\$875,000	\$16,936,100	2.72
LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,155,000	\$8,000,000	\$0	\$0	\$11,155,000	1.79
L-STBG	\$42,333,142	\$18,645,358	\$24,090,138	\$17,005,685	\$102,074,323	16.41
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.56
NHPP	\$86,822,500	\$78,157,500	\$77,360,000	\$21,744,000	\$264,084,000	42.47
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	5.62
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.55
SECTION 5339	\$974,664	\$931,120	\$931,120	\$931,120	\$3,768,024	0.61
S-STBG	\$18,625,000	\$16,196,063	\$2,800,000	\$8,600,000	\$46,221,063	7.43
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.84
<b>Total</b>	<b>\$292,791,428</b>	<b>\$140,456,786</b>	<b>\$124,836,587</b>	<b>\$63,751,794</b>	<b>\$621,836,595</b>	<b>100.00</b>
Federal	\$177,440,243	\$106,772,053	\$100,521,939	\$50,375,068	\$435,109,303	69.97
State	\$102,552,989	\$18,876,296	\$16,573,816	\$8,654,161	\$146,657,262	23.58
Local	\$12,335,041	\$14,346,046	\$7,278,441	\$4,260,174	\$38,219,702	6.15
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	11.90
CMAQ	\$29,630,809	\$5,602,926	\$6,157,250	\$96,100	\$41,487,085	6.67
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.56
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.65
HSIP	\$12,561,100	\$2,187,500	\$1,312,500	\$875,000	\$16,936,100	2.72
LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,155,000	\$8,000,000	\$0	\$0	\$11,155,000	1.79
L-STBG	\$42,333,142	\$18,645,358	\$24,090,138	\$17,005,685	\$102,074,323	16.41
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.56
NHPP	\$86,822,500	\$78,157,500	\$77,360,000	\$21,744,000	\$264,084,000	42.47
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	5.62
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.55
SECTION 5339	\$974,664	\$931,120	\$931,120	\$931,120	\$3,768,024	0.61
S-STBG	\$18,625,000	\$16,196,063	\$2,800,000	\$8,600,000	\$46,221,063	7.43
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.84
<b>Total</b>	<b>\$292,791,428</b>	<b>\$140,456,786</b>	<b>\$124,836,587</b>	<b>\$63,751,794</b>	<b>\$621,836,595</b>	<b>100.00</b>
Federal	\$177,440,243	\$106,772,053	\$100,521,939	\$50,375,068	\$435,109,303	69.97
State	\$102,552,989	\$18,876,296	\$16,573,816	\$8,654,161	\$146,657,262	23.58
Local	\$12,335,041	\$14,346,046	\$7,278,441	\$4,260,174	\$38,219,702	6.15
Other	\$463,155	\$462,391	\$462,391	\$462,391	\$1,850,328	0.30

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	11.89
CMAQ	\$29,840,721	\$5,602,926	\$6,157,250	\$96,100	\$41,696,997	6.70
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.56
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.65
HSIP	\$12,561,100	\$2,187,500	\$1,312,500	\$875,000	\$16,936,100	2.72
LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,301,889	\$8,000,000	\$0	\$0	\$11,301,889	1.82
L-STBG	\$42,333,142	\$18,645,358	\$24,090,138	\$17,005,685	\$102,074,323	16.41
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.56
NHPP	\$86,822,500	\$78,157,500	\$77,360,000	\$21,744,000	\$264,084,000	42.44
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	5.61
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.55
SECTION 5339	\$974,664	\$931,120	\$931,120	\$931,120	\$3,768,024	0.61
S-STBG	\$18,625,000	\$16,196,063	\$2,800,000	\$8,600,000	\$46,221,063	7.43
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.84
<b>Total</b>	<b>\$293,148,229</b>	<b>\$140,456,786</b>	<b>\$124,836,587</b>	<b>\$63,751,794</b>	<b>\$622,193,396</b>	<b>100.00</b>
Federal	\$177,634,926	\$106,772,053	\$100,521,939	\$50,375,068	\$435,303,986	69.96
State	\$102,554,527	\$18,876,296	\$16,573,816	\$8,654,161	\$146,658,800	23.57
Local	\$12,495,621	\$14,346,046	\$7,278,441	\$4,260,174	\$38,380,282	6.17
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	11.89
CMAQ	\$29,840,721	\$5,602,926	\$6,157,250	\$96,100	\$41,696,997	6.70
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.56
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.65
HSIP	\$12,561,100	\$2,187,500	\$1,312,500	\$875,000	\$16,936,100	2.72
LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,301,889	\$8,000,000	\$0	\$0	\$11,301,889	1.82
L-STBG	\$42,333,142	\$18,645,358	\$24,090,138	\$17,005,685	\$102,074,323	16.41
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.56
NHPP	\$86,822,500	\$78,157,500	\$77,360,000	\$21,744,000	\$264,084,000	42.44
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	5.61
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S-STBG	\$18,625,000	\$16,196,063	\$2,800,000	\$8,600,000	\$46,221,063	7.43
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.84
<b>Total</b>	<b>\$293,148,229</b>	<b>\$140,456,786</b>	<b>\$124,836,587</b>	<b>\$63,751,794</b>	<b>\$622,193,396</b>	<b>100.00</b>
Federal	\$177,634,926	\$106,772,053	\$100,521,939	\$50,375,068	\$435,303,986	69.96
State	\$102,554,527	\$18,876,296	\$16,573,816	\$8,654,161	\$146,658,800	23.57
Local	\$12,495,621	\$14,346,046	\$7,278,441	\$4,260,174	\$38,380,282	6.17
Other	\$463,155	\$462,391	\$462,391	\$462,391	\$1,850,328	0.30

NOTE: Financial Tables run on 9/16/20 and reflect:

FY 2020: CMAQ: +\$209,912 (Federal: +\$194,683 State: +\$1,538 Local: +\$13,691)

FY 2020: LOCAL: +\$146,889 (Local: +\$146,889)