



tpo

KNOXVILLE REGIONAL

March 9, 2021

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

SUBJECT: Administrative Modification to project 20-2017-061 (Traffic Signal Improvements for the U.T. Area)

Dear TDOT,

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

Administrative Modification 20-2017-061 (Traffic Signal Improvements for the U.T. Area) - Modify project to revise the schedule and phase cost estimates for the project. Additional NEPA costs totaling \$147,730 (100% federal CMAQ) are programmed in FY 2021. PE-Design totaling \$164,910 (100% federal CMAQ) is programmed in FY 2022. CN is programmed in FY 2023 totaling \$2,629,360 (100% federal CMAQ). This modification shifts \$127,317 from construction to project development phases. No funds are added to the TIP with this modification and the total project cost remains \$2,967,000.

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.	20-2017-061	Revision No.	0	Mobility Plan No.	Consistent with Goal 1	
TDOT PIN	128836.00	STIP No.				
Project Name	Traffic Signal Improvements for the U.T. Area					
Lead Agency	City of Knoxville					
Total Project Cost	\$2,967,000					

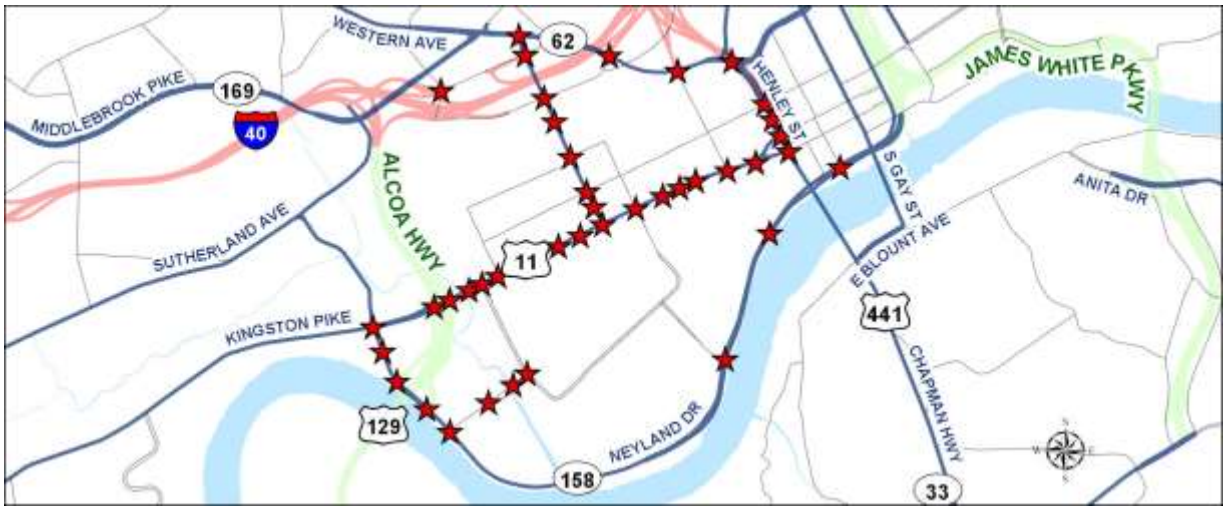
Project Description	Addition of following elements: an ATMS data server, DSRC capable ATC controllers, high speed wireless network, and radio equipment. This proposal will increase ATMS capabilities and decrease traffic delay by being better able to sense traffic flow and provide SPaT and related data sharing features.				
Termini/Intersection	A total of 39 signals will be upgraded along Cumberland Ave, Neyland Dr, 17th St/Ailor, Western Ave and Joe Johnson Dr. Signal improvements along Henley St will connect two ongoing projects between Broadway and Chapman Highway.				
Counties	Knox				
City/Agency	City of Knoxville				
Length	0	(miles)	Conformity Status	Exempt	

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	PE-D	CMAQ	\$185,323	\$185,323	\$0	\$0	\$0
2020	PE-N	CMAQ	\$25,000	\$25,000	\$0	\$0	\$0
2021	CON	CMAQ	\$2,756,677	\$2,756,677	\$0	\$0	\$0
Total			\$2,967,000	\$2,967,000	\$0	\$0	\$0

Revision Date	<input style="width: 95%;" type="text"/>
Revision Details	<input style="width: 95%;" type="text"/>
Previous TIP No.	17-2017-061



Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

MODIFIED

TIP No.	20-2017-061	Revision No.	1	Mobility Plan No.	Consistent with Goal 1	
TDOT PIN	128836.00	STIP No.				
Project Name	Traffic Signal Improvements for the U.T. Area					
Lead Agency	City of Knoxville					
Total Project Cost	\$2,967,000					

Project Description	Addition of following elements: an ATMS data server, DSRC capable ATC controllers, high speed wireless network, and radio equipment. This proposal will increase ATMS capabilities and decrease traffic delay by being better able to sense traffic flow and provide SPaT and related data sharing features.					
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Counties	Knox					
City/Agency	City of Knoxville					
Length	0	(miles)	Conformity Status	Exempt		

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	PE-N	CMAQ	\$25,000	\$25,000	\$0	\$0	\$0
2021	PE-N	CMAQ	\$147,730	\$147,730	\$0	\$0	\$0
2022	PE-D	CMAQ	\$164,910	\$164,910	\$0	\$0	\$0
2023	CON	CMAQ	\$2,629,360	\$2,629,360	\$0	\$0	\$0
Total			\$2,967,000	\$2,967,000	\$0	\$0	\$0

Revision Date	3/9/2021
Revision Details	Modify project to revise the schedule and phase cost estimates for the project. Additional NEPA costs totaling \$147,730 (100% federal CMAQ) are programmed in FY 2021. PE-Design totaling \$164,910 (100% federal CMAQ) is programmed in FY 2022. CN is programmed in FY 2023 totaling \$2,629,360 (100% federal CMAQ). This modification shifts \$127,317 from construction to project development phases. No funds are added to the TIP with this modification and the total project cost remains \$2,967,000.
Previous TIP No.	17-2017-061



KNOXVILLE REGIONAL TPO TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

ORIGINAL

Table 1. Summary of Programmed Revenues

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
ACNHPP	\$74,000,000	\$6,000,000	\$0	\$0	\$80,000,000	12.03
CMAQ	\$21,385,721	\$14,119,264	\$6,095,912	\$96,100	\$41,696,997	6.27
HIP	\$0	\$4,064,100	\$0	\$0	\$4,064,100	0.61
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.54
HSIP	\$12,561,100	\$5,500,000	\$1,312,500	\$875,000	\$20,248,600	3.05
HSIP-R	\$0	\$100,000	\$14,100	\$7,050	\$121,150	0.02
LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,301,889	\$8,000,000	\$0	\$0	\$11,301,889	1.70
L-STBG	\$30,535,186	\$29,806,758	\$24,390,138	\$17,005,685	\$101,737,767	15.30
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.53
NHPP	\$83,922,500	\$96,017,500	\$94,660,000	\$21,744,000	\$296,344,000	44.57
PHSIP	\$41,625	\$850,000	\$20,813	\$13,875	\$926,313	0.14
RHSIP	\$950,000	\$0	\$0	\$0	\$950,000	0.14
SECTION 5307	\$8,919,689	\$8,666,341	\$8,666,341	\$8,666,341	\$34,918,712	5.25
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.52
SECTION 5339	\$974,664	\$931,120	\$931,120	\$931,120	\$3,768,024	0.57
S-STBG	\$18,625,000	\$16,196,063	\$2,800,000	\$8,600,000	\$46,221,063	6.95
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.78
Total	\$266,501,029	\$192,253,536	\$142,375,249	\$63,751,794	\$664,881,608	100.00
Federal	\$154,356,219	\$145,581,422	\$114,552,869	\$50,375,068	\$464,865,578	69.92
State	\$102,220,427	\$28,864,756	\$20,033,816	\$8,654,161	\$159,773,160	24.03
Local	\$9,461,228	\$17,344,967	\$7,326,173	\$4,260,174	\$38,392,542	5.77
Other	\$463,155	\$462,391	\$462,391	\$462,391	\$1,850,328	0.28

Table 2. Summary of Programmed Expenditures

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
ACNHPP	\$74,000,000	\$6,000,000	\$0	\$0	\$80,000,000	12.03
CMAQ	\$21,385,721	\$14,119,264	\$6,095,912	\$96,100	\$41,696,997	6.27
HIP	\$0	\$4,064,100	\$0	\$0	\$4,064,100	0.61
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.54
HSIP	\$12,561,100	\$5,500,000	\$1,312,500	\$875,000	\$20,248,600	3.05
HSIP-R	\$0	\$100,000	\$14,100	\$7,050	\$121,150	0.02
LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,301,889	\$8,000,000	\$0	\$0	\$11,301,889	1.70
L-STBG	\$30,535,186	\$29,806,758	\$24,390,138	\$17,005,685	\$101,737,767	15.30
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.53
NHPP	\$83,922,500	\$96,017,500	\$94,660,000	\$21,744,000	\$296,344,000	44.57
PHSIP	\$41,625	\$850,000	\$20,813	\$13,875	\$926,313	0.14
RHSIP	\$950,000	\$0	\$0	\$0	\$950,000	0.14
SECTION 5307	\$8,919,689	\$8,666,341	\$8,666,341	\$8,666,341	\$34,918,712	5.25
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.52
SECTION 5339	\$974,664	\$931,120	\$931,120	\$931,120	\$3,768,024	0.57
S-STBG	\$18,625,000	\$16,196,063	\$2,800,000	\$8,600,000	\$46,221,063	6.95
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.78
Total	\$266,501,029	\$192,253,536	\$142,375,249	\$63,751,794	\$664,881,608	100.00
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Local	\$9,461,228	\$17,344,967	\$7,326,173	\$4,260,174	\$38,392,542	5.77
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Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
ACNHPP	\$74,000,000	\$6,000,000	\$0	\$0	\$80,000,000	12.03
CMAQ	\$21,200,398	\$11,510,317	\$6,260,822	\$2,725,460	\$41,696,997	6.27
HIP	\$0	\$4,064,100	\$0	\$0	\$4,064,100	0.61
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.54
HSIP	\$12,561,100	\$5,500,000	\$1,312,500	\$875,000	\$20,248,600	3.05
HSIP-R	\$0	\$100,000	\$14,100	\$7,050	\$121,150	0.02
LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,301,889	\$8,000,000	\$0	\$0	\$11,301,889	1.70
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S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.78
Total	\$266,315,706	\$189,644,589	\$142,540,159	\$66,381,154	\$664,881,608	100.00
Federal	\$154,170,896	\$142,972,475	\$114,717,779	\$53,004,428	\$464,865,578	69.92
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Other	\$463,155	\$462,391	\$462,391	\$462,391	\$1,850,328	0.28

NOTE: Financial Tables run on 3/9/21 and reflect:
 FY 2020: CMAQ: -\$185,323 (Federal: -\$185,323)
 FY 2021: CMAQ: -\$2,608,947 (Federal: -\$2,608,947)
 FY 2022: CMAQ: +\$164,910 (Federal: \$164,910)
 FY 2023: CMAQ: +\$2,629,360 (Federal: \$2,629,360)