



March 26, 2020

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

SUBJECT: Amendment to project 20-2014-232 (Lenoir City ITS: Signal System Design)

Dear TDOT,

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

Amendment 20-2014-232 (Lenoir City ITS: Signal System Design) - Amend TIP to add this exempt project for construction in FY 2020. Construction is estimated at \$1,185,245 (\$1,164,000 federal CMAQ/\$21,245 state). \$169,500 in federal funds have been previously obligated for this project. The total project cost is \$1,354,745.

This amendment has been incorporated into our FY 2020-2023 TIP. The project pages, expenditure summary sheets, air quality conformity determination approval (FHWA), resolution, planning process self-certification and other pertinent information are included. 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
Transportation Planner

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

AMENDED
(NEW)

TIP No.	20-2014-232	Revision No.	0	Mobility Plan No.	13-812
TDOT PIN	121453.00	STIP No.			
Project Name	Lenoir City ITS: Signal System Design				
Lead Agency	City of Lenoir City				
Total Project Cost	\$1,354,745				

Project Description	The project is to design and implement an ITS signal system for 20 coordinated signals along US-231/SR 73 and US-11/SR 2.				
Termini/Intersection	U.S. 11 from G St. to U.S. 321 (1.2 mi.) and U.S. 321 from U.S. 11 to I-75 SB ramps (2.7 mi.)				
Counties	Loudon				
City/Agency	City of Lenoir City				
Length	3.9	(miles)	Conformity Status	Exempt	

Additional Details ADA costs estimated to be \$106,244 will be covered with 80/20 CMAQ with TDOT providing the 20% match. \$169,500 federal CMAQ funds previously obligated for this project.

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$106,224	\$84,979	\$21,245	\$0	\$0
2020	CON	CMAQ	\$1,079,021	\$1,079,021	\$0	\$0	\$0
Total			\$1,185,245	\$1,164,000	\$21,245	\$0	\$0

Revision Date	3/25/2020
Revision Details	Amend TIP to add project for construction in FY 2020. Construction is estimated at \$1,185,245 (\$1,164,000 federal CMAQ/\$21,245 state). \$169,500 in federal funds previously obligated for this project. The total project cost is \$1,354,745.
Previous TIP No.	2014-232, 17-2014-232



Table 1. Summary of Programmed Revenues

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
CMAQ	\$32,853,662	\$5,511,676	\$6,059,000	\$0	\$44,424,338	9.00
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.71
HPP	\$9,873,250	\$0	\$0	\$0	\$9,873,250	2.00
HSIP	\$7,866,100	\$2,187,500	\$1,312,500	\$875,000	\$12,241,100	2.48
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.12
LOCAL	\$3,000,000	\$8,000,000	\$0	\$0	\$11,000,000	2.23
L-STBG	\$32,587,372	\$17,323,237	\$24,090,138	\$17,005,685	\$91,006,432	18.44
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.71
NHPP	\$122,850,000	\$73,910,000	\$14,160,000	\$15,544,000	\$226,464,000	45.88
PHSIP	\$41,625	\$34,688	\$20,813	\$13,875	\$111,001	0.02
RHSIP	\$39,950	\$32,900	\$14,100	\$7,050	\$94,000	0.02
SECTION 5307	\$8,666,341	\$8,666,341	\$8,666,341	\$8,666,341	\$34,665,364	7.02
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.70
SECTION 5339	\$931,120	\$931,120	\$931,120	\$931,120	\$3,724,480	0.75
S-STBG	\$24,796,063	\$9,500,000	\$9,300,000	\$2,100,000	\$45,696,063	9.26
S-STBG-TA	\$0	\$890,565	\$0	\$2,331,436	\$3,222,001	0.65
Total	\$248,464,052	\$128,099,852	\$68,038,337	\$48,961,332	\$493,563,573	100.00
Federal	\$201,498,255	\$96,518,054	\$55,083,339	\$38,542,699	\$391,642,347	79.35
State	\$33,272,230	\$17,823,233	\$5,233,816	\$6,114,161	\$62,443,440	12.65
Local	\$13,231,176	\$13,296,174	\$7,258,791	\$3,842,081	\$37,628,222	7.62
Other	\$462,391	\$462,391	\$462,391	\$462,391	\$1,849,564	0.37

Table 2. Summary of Programmed Expenditures

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
CMAQ	\$32,853,662	\$5,511,676	\$6,059,000	\$0	\$44,424,338	9.00
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.71
HPP	\$9,873,250	\$0	\$0	\$0	\$9,873,250	2.00
HSIP	\$7,866,100	\$2,187,500	\$1,312,500	\$875,000	\$12,241,100	2.48
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.12
LOCAL	\$3,000,000	\$8,000,000	\$0	\$0	\$11,000,000	2.23
L-STBG	\$32,587,372	\$17,323,237	\$24,090,138	\$17,005,685	\$91,006,432	18.44
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.71
NHPP	\$122,850,000	\$73,910,000	\$14,160,000	\$15,544,000	\$226,464,000	45.88
PHSIP	\$41,625	\$34,688	\$20,813	\$13,875	\$111,001	0.02
RHSIP	\$39,950	\$32,900	\$14,100	\$7,050	\$94,000	0.02
SECTION 5307	\$8,666,341	\$8,666,341	\$8,666,341	\$8,666,341	\$34,665,364	7.02
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.70
SECTION 5339	\$931,120	\$931,120	\$931,120	\$931,120	\$3,724,480	0.75
S-STBG	\$24,796,063	\$9,500,000	\$9,300,000	\$2,100,000	\$45,696,063	9.26
S-STBG-TA	\$0	\$890,565	\$0	\$2,331,436	\$3,222,001	0.65
Total	\$248,464,052	\$128,099,852	\$68,038,337	\$48,961,332	\$493,563,573	100.00
Federal	\$201,498,255	\$96,518,054	\$55,083,339	\$38,542,699	\$391,642,347	79.35
State	\$33,272,230	\$17,823,233	\$5,233,816	\$6,114,161	\$62,443,440	12.65
Local	\$13,231,176	\$13,296,174	\$7,258,791	\$3,842,081	\$37,628,222	7.62
Other	\$462,391	\$462,391	\$462,391	\$462,391	\$1,849,564	0.37

Table 1. Summary of Programmed Revenues

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
CMAQ	\$34,038,907	\$5,511,676	\$6,059,000	\$0	\$45,609,583	9.22
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.71
HPP	\$9,873,250	\$0	\$0	\$0	\$9,873,250	2.00
HSIP	\$7,866,100	\$2,187,500	\$1,312,500	\$875,000	\$12,241,100	2.47
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.12
LOCAL	\$3,000,000	\$8,000,000	\$0	\$0	\$11,000,000	2.22
L-STBG	\$32,587,372	\$17,323,237	\$24,090,138	\$17,005,685	\$91,006,432	18.39
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.71
NHPP	\$122,850,000	\$73,910,000	\$14,160,000	\$15,544,000	\$226,464,000	45.77
PHSIP	\$41,625	\$34,688	\$20,813	\$13,875	\$111,001	0.02
RHSIP	\$39,950	\$32,900	\$14,100	\$7,050	\$94,000	0.02
SECTION 5307	\$8,666,341	\$8,666,341	\$8,666,341	\$8,666,341	\$34,665,364	7.01
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.70
SECTION 5339	\$931,120	\$931,120	\$931,120	\$931,120	\$3,724,480	0.75
S-STBG	\$24,796,063	\$9,500,000	\$9,300,000	\$2,100,000	\$45,696,063	9.24
S-STBG-TA	\$0	\$890,565	\$0	\$2,331,436	\$3,222,001	0.65
Total	\$249,649,297	\$128,099,852	\$68,038,337	\$48,961,332	\$494,748,818	100.00
Federal	\$202,662,255	\$96,518,054	\$55,083,339	\$38,542,699	\$392,806,347	79.40
State	\$33,293,475	\$17,823,233	\$5,233,816	\$6,114,161	\$62,464,685	12.63
Local	\$13,231,176	\$13,296,174	\$7,258,791	\$3,842,081	\$37,628,222	7.61
Other	\$462,391	\$462,391	\$462,391	\$462,391	\$1,849,564	0.37

Table 2. Summary of Programmed Expenditures

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
CMAQ	\$34,038,907	\$5,511,676	\$6,059,000	\$0	\$45,609,583	9.22
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.71
HPP	\$9,873,250	\$0	\$0	\$0	\$9,873,250	2.00
HSIP	\$7,866,100	\$2,187,500	\$1,312,500	\$875,000	\$12,241,100	2.47
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.12
LOCAL	\$3,000,000	\$8,000,000	\$0	\$0	\$11,000,000	2.22
L-STBG	\$32,587,372	\$17,323,237	\$24,090,138	\$17,005,685	\$91,006,432	18.39
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.71
NHPP	\$122,850,000	\$73,910,000	\$14,160,000	\$15,544,000	\$226,464,000	45.77
PHSIP	\$41,625	\$34,688	\$20,813	\$13,875	\$111,001	0.02
RHSIP	\$39,950	\$32,900	\$14,100	\$7,050	\$94,000	0.02
SECTION 5307	\$8,666,341	\$8,666,341	\$8,666,341	\$8,666,341	\$34,665,364	7.01
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.70
SECTION 5339	\$931,120	\$931,120	\$931,120	\$931,120	\$3,724,480	0.75
S-STBG	\$24,796,063	\$9,500,000	\$9,300,000	\$2,100,000	\$45,696,063	9.24
S-STBG-TA	\$0	\$890,565	\$0	\$2,331,436	\$3,222,001	0.65
Total	\$249,649,297	\$128,099,852	\$68,038,337	\$48,961,332	\$494,748,818	100.00
Federal	\$202,662,255	\$96,518,054	\$55,083,339	\$38,542,699	\$392,806,347	79.40
State	\$33,293,475	\$17,823,233	\$5,233,816	\$6,114,161	\$62,464,685	12.63
Local	\$13,231,176	\$13,296,174	\$7,258,791	\$3,842,081	\$37,628,222	7.61
Other	\$462,391	\$462,391	\$462,391	\$462,391	\$1,849,564	0.37

NOTE: Financial Tables run on 3/2/20 and reflect:

FY 2020: - CMAQ: +\$1,185,245 (Federal: \$1,164,000 State: \$21,245)