



March 26, 2020

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

SUBJECT: Amendment to project 20-2014-079 (City of Loudon Traffic Flow Improvement Project)

Dear TDOT,

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

**Amendment 20-2014-079 (City of Loudon Traffic Flow Improvement Project)** - Amend TIP to add this exempt project for design and construction in FY 2020. PE/CN costs are estimated at \$1,067,864 (100% CMAQ) and \$208,045 (\$166,436 federal CMAQ/\$41,609 state). \$109,100 in federal funds have been previously obligated for this project. The total project cost is \$1,385,009.

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.	20-2014-079	Revision No.	0	Mobility Plan No.	17-802
TDOT PIN	122610.00	STIP No.			
Project Name	City of Loudon Traffic Flow Improvement Project				
Lead Agency	City of Loudon				
Total Project Cost	\$1,385,009				

Project Description	Replace outdated infrastructure at seven signalized intersections, including updating vehicle detection, signal system communication and coordination.				
Termini/Intersection	Signalized intersections within city limits on U.S. Hwy 11 and State Route 72. U.S. 11 from SR 72 to Blair Bend Rd. (2.7 mi.) and SR 72 from Stekee St. to Carding Machine Rd. (1.3 mi.)				
Counties	Loudon				
City/Agency	City of Loudon				
Length	4	(miles)	Conformity Status	Exempt	

**Additional Details** ADA costs estimated to be \$208,045 will be covered with 80/20 CMAQ with TDOT providing the 20% match. \$109,100 federal CMAQ funds previously obligated for this project.

**Programmed Funds**

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$208,045	\$166,436	\$41,609	\$0	\$0
2020	PE-D/CN	CMAQ	\$1,067,864	\$1,067,864	\$0	\$0	\$0
<b>Total</b>			<b>\$1,275,909</b>	<b>\$1,234,300</b>	<b>\$41,609</b>	<b>\$0</b>	<b>\$0</b>

Revision Date	3/25/2020
Revision Details	Amend TIP to add this exempt project for design and construction in FY 2020. PE/CN costs are estimated at \$1,067,864 (100% CMAQ) and \$208,045 (\$166,436 federal CMAQ/\$41,609 state). \$109,100 in federal funds have been previously obligated for this project. The total project cost is \$1,385,009.
Previous TIP No.	2014-079, 17-2014-079

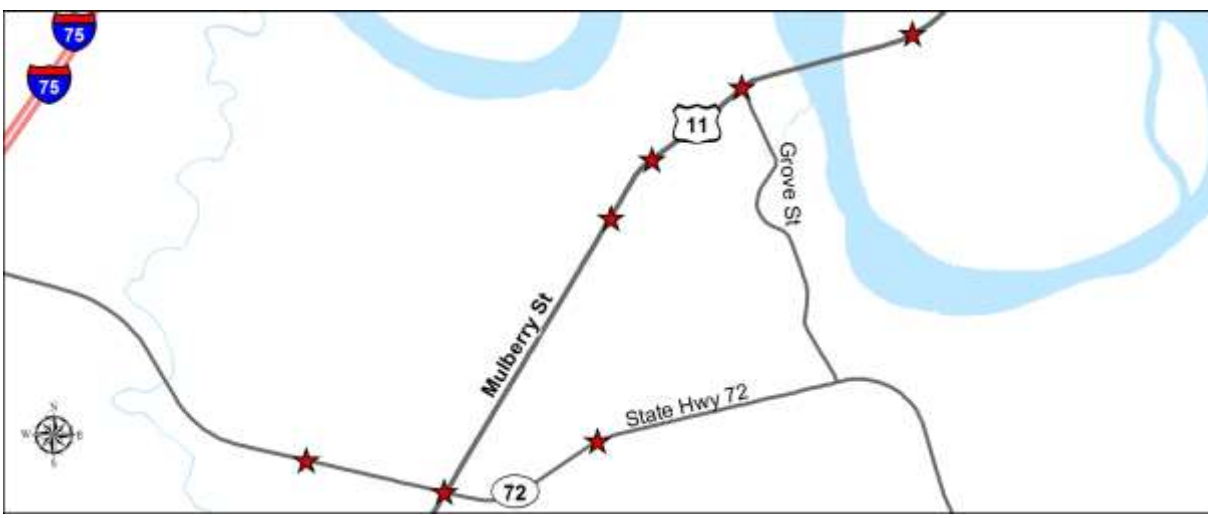


Table 1. Summary of Programmed Revenues

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
CMAQ	\$31,577,753	\$5,511,676	\$6,059,000	\$0	\$43,148,429	8.76
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.71
HPP	\$9,873,250	\$0	\$0	\$0	\$9,873,250	2.01
HSIP	\$7,866,100	\$2,187,500	\$1,312,500	\$875,000	\$12,241,100	2.49
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	18.49
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	46.00
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	7.04
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	0.76
S-STBG	\$24,796,063	\$9,500,000	\$9,300,000	\$2,100,000	\$45,696,063	9.28
S-STBG-TA	\$0	\$890,565	\$0	\$2,331,436	\$3,222,001	0.65
<b>Total</b>	<b>\$247,188,143</b>	<b>\$128,099,852</b>	<b>\$68,038,337</b>	<b>\$48,961,332</b>	<b>\$492,287,664</b>	<b>100.00</b>
Federal	\$200,263,955	\$96,518,054	\$55,083,339	\$38,542,699	\$390,408,047	79.30
State	\$33,230,621	\$17,823,233	\$5,233,816	\$6,114,161	\$62,401,831	12.68
Local	\$13,231,176	\$13,296,174	\$7,258,791	\$3,842,081	\$37,628,222	7.64
Other	\$462,391	\$462,391	\$462,391	\$462,391	\$1,849,564	0.38

Table 2. Summary of Programmed Expenditures

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
CMAQ	\$31,577,753	\$5,511,676	\$6,059,000	\$0	\$43,148,429	8.76
HIP	\$3,494,244	\$0	\$0	\$0	\$3,494,244	0.71
HPP	\$9,873,250	\$0	\$0	\$0	\$9,873,250	2.01
HSIP	\$7,866,100	\$2,187,500	\$1,312,500	\$875,000	\$12,241,100	2.49
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	18.49
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	46.00
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	7.04
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	0.76
S-STBG	\$24,796,063	\$9,500,000	\$9,300,000	\$2,100,000	\$45,696,063	9.28
S-STBG-TA	\$0	\$890,565	\$0	\$2,331,436	\$3,222,001	0.65
<b>Total</b>	<b>\$247,188,143</b>	<b>\$128,099,852</b>	<b>\$68,038,337</b>	<b>\$48,961,332</b>	<b>\$492,287,664</b>	<b>100.00</b>
Federal	\$200,263,955	\$96,518,054	\$55,083,339	\$38,542,699	\$390,408,047	79.30
State	\$33,230,621	\$17,823,233	\$5,233,816	\$6,114,161	\$62,401,831	12.68
Local	\$13,231,176	\$13,296,174	\$7,258,791	\$3,842,081	\$37,628,222	7.64
Other	\$462,391	\$462,391	\$462,391	\$462,391	\$1,849,564	0.38

**KNOXVILLE REGIONAL TPO TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023**

AMENDED

**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
<b>Total</b>	<b>\$248,464,052</b>	<b>\$128,099,852</b>	<b>\$68,038,337</b>	<b>\$48,961,332</b>	<b>\$493,563,573</b>	<b>100.00</b>
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
<b>Total</b>	<b>\$248,464,052</b>	<b>\$128,099,852</b>	<b>\$68,038,337</b>	<b>\$48,961,332</b>	<b>\$493,563,573</b>	<b>100.00</b>
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
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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: +\$1,275,909 (Federal: \$1,234,300 State: \$41,609)