



February 8, 2021

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

SUBJECT: Administrative Modification to project 20-2014-078 (Chapman Highway ATMS)

Dear TDOT,

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

**Administrative Modification 20-2014-078 (Chapman Highway ATMS)** - Modify project to revise the project schedule and increase the Right of Way (ROW) phase in FY 2021. All phases are revised from FY 2020 to FY 2021 and \$50,000 CMAQ (100% federal) is moved from construction to the ROW phase for required utility work. The revised ROW phase totals \$75,000 (100% federal) and the revised CN phase totals \$2,814,000 (100% federal). No funds are added to the TIP with this adjustment and the total project cost remains \$3,179,000.

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,

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.	20-2014-078	Revision No.	1	Mobility Plan No.	13-1003
TDOT PIN	120004.01	STIP No.			
Project Name	Chapman Highway Advanced Traffic Management System				
Lead Agency	City of Knoxville				
Total Project Cost	\$3,179,000				

Project Description	Expand the City of Knoxville's Advanced Traffic Management System along Chapman Highway. Advanced Traffic Management Systems (ATMS) is a component of the Intelligent Transportation Systems (ITS) integrates technology to improve the flow of traffic and safety. Signal upgrades to include dedicated short range communications (DSRC), data probing hardware, enhanced vehicle detection, battery backup, etc. (elements formerly listed under PIN# 128835.00).				
Termini/Intersection	Chapman Hwy (US-441/SR-71) from Mountain Grove Dr to Blount Ave				
Counties	Knox				
City/Agency	City of Knoxville				
Length	6.3	(miles)	Conformity Status	Exempt	

Additional Details	\$215,000 federal CMAQ funds previously obligated. Advanced Traffic Management Systems (ATMS) is a component of the Intelligent Transportation Systems (ITS) integrates technology to improve the flow of traffic and improve safety.				
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**Programmed Funds**

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$2,864,000	\$2,864,000	\$0	\$0	\$0
2020	PE-D	CMAQ	\$75,000	\$75,000	\$0	\$0	\$0
2020	ROW	CMAQ	\$25,000	\$25,000	\$0	\$0	\$0
<b>Total</b>			<b>\$2,964,000</b>	<b>\$2,964,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Revision Date	6/11/2020
Revision Details	Modify project to consolidate related project (PIN# 128835.00), revise the project description to reflect the combined scope and revise funding and project cost totals. The project description is revised to reflect a consolidated scope incorporating work previously listed across two projects. The revised project includes a PE-D phase totaling \$75,000 (\$75,000 federal CMAQ) in FY 2020, ROW phase totaling \$25,000 (\$25,000 federal CMAQ) in FY 2020 and FY 2020 CN phase totaling \$2,864,000 (\$2,864,000 federal CMAQ). This modification does not add funding to the TIP. The \$1,194,000 CMAQ funds added to the project are consolidated from TIP project # 20-2017-059, which is removed with this modification. The total project cost is revised to \$3,179,000.

Previous TIP No.	2014-078, 17-2014-078
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# Knoxville Regional Transportation Planning Organization

## TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

MODIFIED

TIP No.	20-2014-078	Revision No.	2	Mobility Plan No.	13-1003
TDOT PIN	120004.01	STIP No.			
Project Name	Chapman Highway Advanced Traffic Management System				
Lead Agency	City of Knoxville				
Total Project Cost	\$3,179,000				

Project Description	Expand the City of Knoxville's Advanced Traffic Management System along Chapman Highway. Advanced Traffic Management Systems (ATMS) is a component of the Intelligent Transportation Systems (ITS) integrates technology to improve the flow of traffic and safety. Signal upgrades to include dedicated short range communications (DSRC), data probing hardware, enhanced vehicle detection, battery backup, etc. (elements formerly listed under PIN# 128835.00).				
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Additional Details	\$215,000 federal CMAQ funds previously obligated. Advanced Traffic Management Systems (ATMS) is a component of the Intelligent Transportation Systems (ITS) integrates technology to improve the flow of traffic and improve safety.				
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**Programmed Funds**

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2021	CON	CMAQ	\$2,814,000	\$2,814,000	\$0	\$0	\$0
2021	PE-D	CMAQ	\$75,000	\$75,000	\$0	\$0	\$0
2021	ROW	CMAQ	\$75,000	\$75,000	\$0	\$0	\$0
Total			\$2,964,000	\$2,964,000	\$0	\$0	\$0

Revision Date	2/8/2021
Revision Details	Modify project to revise the project schedule and increase the Right of Way (ROW) phase in FY 2021. All phases are revised from FY 2020 to FY 2021 and \$50,000 CMAQ (100% federal) is moved from construction to the ROW phase for required utility work. The revised ROW phase totals \$75,000 (100% federal) and the revised CN phase totals \$2,814,000 (100% federal). No funds are added to the TIP with this adjustment and the total project cost remains \$3,179,000.
Previous TIP No.	2014-078, 17-2014-078



**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	12.35
CMAQ	\$29,515,721	\$5,989,264	\$6,095,912	\$96,100	\$41,696,997	6.44
HIP	\$0	\$4,064,100	\$0	\$0	\$4,064,100	0.63
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.58
HSIP	\$12,561,100	\$5,500,000	\$1,312,500	\$875,000	\$20,248,600	3.13
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	1.75
L-STBG	\$36,504,086	\$23,837,858	\$24,390,138	\$17,005,685	\$101,737,767	15.71
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.54
NHPP	\$83,922,500	\$96,017,500	\$77,360,000	\$21,744,000	\$279,044,000	43.09
PHSIP	\$41,625	\$850,000	\$20,813	\$13,875	\$926,313	0.14
RHSIP	\$950,000	\$0	\$0	\$0	\$950,000	0.15
SECTION 5307	\$8,919,689	\$8,666,341	\$8,666,341	\$8,666,341	\$34,918,712	5.39
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.53
SECTION 5339	\$974,664	\$931,120	\$931,120	\$931,120	\$3,768,024	0.58
S-STBG	\$18,625,000	\$16,196,063	\$2,800,000	\$8,600,000	\$46,221,063	7.14
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.81
<b>Total</b>	<b>\$280,599,929</b>	<b>\$178,154,636</b>	<b>\$125,075,249</b>	<b>\$63,751,794</b>	<b>\$647,581,608</b>	<b>100.00</b>
Federal	\$167,261,339	\$132,676,302	\$100,712,869	\$50,375,068	\$451,025,578	69.65
State	\$102,220,427	\$28,864,756	\$16,573,816	\$8,654,161	\$156,313,160	24.14
Local	\$10,655,008	\$16,151,187	\$7,326,173	\$4,260,174	\$38,392,542	5.93
Other	\$463,155	\$462,391	\$462,391	\$462,391	\$1,850,328	0.29

**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	12.35
CMAQ	\$29,515,721	\$5,989,264	\$6,095,912	\$96,100	\$41,696,997	6.44
HIP	\$0	\$4,064,100	\$0	\$0	\$4,064,100	0.63
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.58
HSIP	\$12,561,100	\$5,500,000	\$1,312,500	\$875,000	\$20,248,600	3.13
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	1.75
L-STBG	\$36,504,086	\$23,837,858	\$24,390,138	\$17,005,685	\$101,737,767	15.71
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.54
NHPP	\$83,922,500	\$96,017,500	\$77,360,000	\$21,744,000	\$279,044,000	43.09
PHSIP	\$41,625	\$850,000	\$20,813	\$13,875	\$926,313	0.14
RHSIP	\$950,000	\$0	\$0	\$0	\$950,000	0.15
SECTION 5307	\$8,919,689	\$8,666,341	\$8,666,341	\$8,666,341	\$34,918,712	5.39
SECTION 5310	\$861,825	\$861,825	\$861,825	\$861,825	\$3,447,300	0.53
SECTION 5339	\$974,664	\$931,120	\$931,120	\$931,120	\$3,768,024	0.58
S-STBG	\$18,625,000	\$16,196,063	\$2,800,000	\$8,600,000	\$46,221,063	7.14
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.81
<b>Total</b>	<b>\$280,599,929</b>	<b>\$178,154,636</b>	<b>\$125,075,249</b>	<b>\$63,751,794</b>	<b>\$647,581,608</b>	<b>100.00</b>
Federal	\$167,261,339	\$132,676,302	\$100,712,869	\$50,375,068	\$451,025,578	69.65
State	\$102,220,427	\$28,864,756	\$16,573,816	\$8,654,161	\$156,313,160	24.14
Local	\$10,655,008	\$16,151,187	\$7,326,173	\$4,260,174	\$38,392,542	5.93
Other	\$463,155	\$462,391	\$462,391	\$462,391	\$1,850,328	0.29

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	12.35
CMAQ	\$26,551,721	\$8,953,264	\$6,095,912	\$96,100	\$41,696,997	6.44
HIP	\$0	\$4,064,100	\$0	\$0	\$4,064,100	0.63
HPP	\$10,249,872	\$0	\$0	\$0	\$10,249,872	1.58
HSIP	\$12,561,100	\$5,500,000	\$1,312,500	\$875,000	\$20,248,600	3.13
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	1.75
L-STBG	\$36,504,086	\$23,837,858	\$24,390,138	\$17,005,685	\$101,737,767	15.71
L-STBG-TA	\$0	\$250,000	\$2,622,500	\$625,000	\$3,497,500	0.54
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S-STBG	\$18,625,000	\$16,196,063	\$2,800,000	\$8,600,000	\$46,221,063	7.14
S-STBG-TA	\$0	\$890,565	\$0	\$4,325,798	\$5,216,363	0.81
<b>Total</b>	<b>\$277,635,929</b>	<b>\$181,118,636</b>	<b>\$125,075,249</b>	<b>\$63,751,794</b>	<b>\$647,581,608</b>	<b>100.00</b>
Federal	\$164,297,339	\$135,640,302	\$100,712,869	\$50,375,068	\$451,025,578	69.65
State	\$102,220,427	\$28,864,756	\$16,573,816	\$8,654,161	\$156,313,160	24.14
Local	\$10,655,008	\$16,151,187	\$7,326,173	\$4,260,174	\$38,392,542	5.93
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Table 2. Summary of Programmed Expenditures

Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	Total	Share (%)
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CMAQ	\$26,551,721	\$8,953,264	\$6,095,912	\$96,100	\$41,696,997	6.44
HIP	\$0	\$4,064,100	\$0	\$0	\$4,064,100	0.63
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LIC	\$171,958	\$0	\$0	\$0	\$171,958	0.03
LOCAL	\$3,301,889	\$8,000,000	\$0	\$0	\$11,301,889	1.75
L-STBG	\$36,504,086	\$23,837,858	\$24,390,138	\$17,005,685	\$101,737,767	15.71
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<b>Total</b>	<b>\$277,635,929</b>	<b>\$181,118,636</b>	<b>\$125,075,249</b>	<b>\$63,751,794</b>	<b>\$647,581,608</b>	<b>100.00</b>
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State	\$102,220,427	\$28,864,756	\$16,573,816	\$8,654,161	\$156,313,160	24.14
Local	\$10,655,008	\$16,151,187	\$7,326,173	\$4,260,174	\$38,392,542	5.93
Other	\$463,155	\$462,391	\$462,391	\$462,391	\$1,850,328	0.29

NOTE: Financial Tables run on 2/8/21 and reflect:  
FY 2020: CMAQ: -\$2,964,000 (Federal: -\$2,964,000)  
FY 2021: CMAQ: +\$386,338 (Federal: \$2,964,000)