



June 11, 2020

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

SUBJECT: Administrative Modification to project 20-2014-078 (Chapman Highway ATMS, DSRC and Enhanced Detection Traffic Signal System)

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, DSRC and Enhanced Detection Traffic Signal System) - 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.

This administrative modification has been incorporated into our FY 2020-2023 TIP. The project pages 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
Transportation Planner

Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

ORIGINAL

TIP No.	20-2014-078	Revision No.	0	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	\$1,985,000					

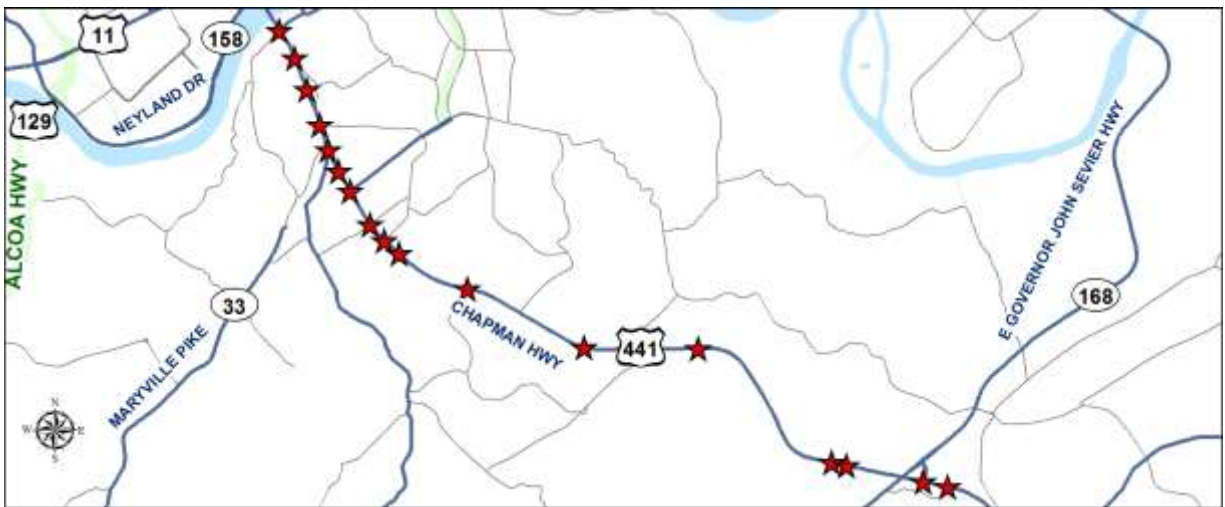
Project Description	Expand the City of Knoxville's Advanced Traffic Management System along Chapman Highway. Advanced Traffic Management Systems (ATMS) is a component of the Intelligent Transportation Systems (ITS) integrates technology to improve the flow of traffic and safety.				
Termini/Intersection	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.

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$1,770,000	\$1,770,000	\$0	\$0	\$0
Total			\$1,770,000	\$1,770,000	\$0	\$0	\$0

Revision Date	
Revision Details	
Previous TIP No.	2014-078, 17-2014-078



Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

MODIFIED

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.

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
Total			\$2,964,000	\$2,964,000	\$0	\$0	\$0

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



Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

ORIGINAL
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deleted with
modification)

TIP No.	20-2017-059	Revision No.	0	Mobility Plan No.	Consistent with Goal 1	
TDOT PIN	128835.00	STIP No.				
Project Name	Chapman Hwy DSRC and Enhanced Detection Traffic Signal Improvements					
Lead Agency	City of Knoxville					
Total Project Cost	\$1,194,000					

Project Description	Signal upgrades at existing installations including DSRC, data probing hardware, enhanced vehicle detection, battery backup, etc.				
Termini/Intersection	Chapman Hwy from Blount Ave to Mountain Grove Dr (17 traffic signals)				
Counties	Knox				
City/Agency	City of Knoxville				
Length	6.4	(miles)	Conformity Status	Exempt	

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$1,111,976	\$1,111,976	\$0	\$0	\$0
2020	PE-D	CMAQ	\$57,024	\$57,024	\$0	\$0	\$0
2020	PE-N	CMAQ	\$25,000	\$25,000	\$0	\$0	\$0
Total			\$1,194,000	\$1,194,000	\$0	\$0	\$0

Revision Date

Revision Details

Previous TIP No.

