



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 20-2014-042 (Traffic Control Equipment Upgrade – ATMS Expansion, DSRC and Enhanced Detection Traffic Signal Improvements: Kingston Pike and Broadway)

Dear TDOT,

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

**Administrative Modification 20-2014-042 (Traffic Control Equipment Upgrade - ATMS Expansion, DSRC and Enhanced Detection Traffic Signal Improvements: Kingston Pike and Broadway)** - Modify project to consolidate related projects (PIN#s 128832.00 and 128834.00), revise the project description to reflect the combined scope and revise funding to reflect all funding, including previously unobligated funds. The project description is revised to reflect a consolidated scope incorporating work previously listed across three projects. The termini are revised to reflect the overall project limits along the corridors of Kingston Pike (Huxley Road to Metron Center) and Broadway (Jackson Avenue to Foley Drive), as well as associated work on West Town Way and Tazewell Pike/Old Broadway. The project length is corrected to 19.5 miles. The revised project includes a PE-D phase totaling \$893,900 (\$715,120 federal L-STBG/\$178,780 local) in FY 2020 and FY 2020 CN phase totaling \$10,241,000 (\$4,060,000 federal L-STBG/\$5,166,000 federal CMAQ/\$1,015,000 local). This modification adds \$618,900 L-STBG (\$495,120 federal/\$123,780 local) to the TIP. The added funds were anticipated to be obligated out of the previous TIP; however, this did not occur. The \$5,166,000 CMAQ funds added to the project are not funding additions to the TIP. The funds are consolidated from TIP project #s 20-2017-058 and 20-2017-060, which are removed with this modification. The total project cost is revised to \$12,166,000.

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.	20-2014-042	Revision No.	0	Mobility Plan No.	13-602	
TDOT PIN	120004.00	STIP No.				
Project Name	Traffic Control Equipment Upgrade - Knoxville					
Lead Agency	City of Knoxville					
Total Project Cost	\$7,000,000					

Project Description	Purchase, installation and integration of signal controllers, signal monitors, closed loop equipment and software. Project also includes development of new signal timing plans for the new equipment and software.				
Termini/Intersection	Kingston Pike (US-70/SR-1) from Metron Center Way to Lovell Rd (12 miles) and Broadway (US-441/SR-33) from Jackson Ave to Foley Dr (7 miles)				
Counties	Knox				
City/Agency	City of Knoxville				
Length	19	(miles)	Conformity Status	Exempt	

Additional Details	\$824,880 federal L-STP funds previously obligated.				
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Programmed Funds							
FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	L-STBG	\$5,350,000	\$4,280,000	\$0	\$1,070,000	\$0
Total			\$5,350,000	\$4,280,000	\$0	\$1,070,000	\$0

Revision Date					
Revision Details					
Previous TIP No.	2006-111, 2008-051, 2011-057, 2014-042, 17-2014-042				



# Knoxville Regional Transportation Planning Organization

## TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

MODIFIED

TIP No.	20-2014-042	Revision No.	1	Mobility Plan No.	13-602
TDOT PIN	120004.00	STIP No.			
Project Name	Traffic Control Equipment Upgrade - Knoxville				
Lead Agency	City of Knoxville				
Total Project Cost	\$12,166,000				

**Project Description** Purchase, installation and integration of signal controllers, signal monitors, closed loop equipment and software. Includes development of new signal timing plans for the new equipment and software. Includes DSRC, data probing hardware, enhanced vehicle detection, battery backup, etc. (elements formerly listed under PIN#s 128832.00, 128834.00).

**Termini/Intersection** Kingston Pike (US-70/SR-1) from Huxley Rd. to Metron Center Way (11.7 mi.), Broadway (US-441/SR-33) from Jackson Ave. to Foley Dr. (7.1 mi.), West Town Way from Montvue Rd. to Buckingham Dr. (0.38 mi.) and Tazewell Pike/Old Broadway from Old Broadway to I-640 EB exit ramp (0.32 mi.)

**Counties** Knox

**City/Agency** City of Knoxville

**Length** 19.5 (miles) **Conformity Status** Exempt

**Additional Details** \$824,880 federal L-STP funds previously obligated.

**Programmed Funds**

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$5,166,000	\$5,166,000	\$0	\$0	\$0
2020	CON	L-STBG	\$5,075,000	\$4,060,000	\$0	\$1,015,000	\$0
2020	PE-D	L-STBG	\$893,900	\$715,120	\$0	\$178,780	\$0
<b>Total</b>			<b>\$11,134,900</b>	<b>\$9,941,120</b>	<b>\$0</b>	<b>\$1,193,780</b>	<b>\$0</b>

**Revision Date** 6/11/2020

**Revision Details** Modify project to consolidate related projects (PIN#s 128832.00 and 128834.00), revise the project description to reflect the combined scope and revise funding to reflect all funding, including previously unobligated funds. The project description is revised to reflect a consolidated scope incorporating work previously listed across three projects. The termini are revised to reflect the overall project limits along the corridors of Kingston Pike (Huxley Road to Metron Center) and Broadway (Jackson Avenue to Foley Drive), as well as associated work on West Town Way and Tazewell Pike/Old Broadway. The project length is corrected to 19.5 miles. The revised project includes a PE-D phase totaling \$893,900 (\$715,120 federal L-STBG/\$178,780 local) in FY 2020 and FY 2020 CN phase totaling \$10,241,000 (\$4,060,000 federal L-STBG/\$5,166,000 federal CMAQ/ \$1,015,000 local). This modification adds \$618,900 L-STBG (\$495,120 federal/\$123,780 local) to the TIP. The added funds were anticipated to be obligated out of the previous TIP; however, this did not occur. The \$5,166,000 CMAQ funds added to the project are not funding additions to the TIP. The funds are consolidated from TIP project #s 20-2017-058 and 20-2017-060, which are removed with this modification. The total project cost is revised to \$12,166,000.

**Previous TIP No.** 2006-111, 2008-051, 2011-057, 2014-042, 17-2014-042



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

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TIP No.	20-2017-058	Revision No.	0	Mobility Plan No.	Consistent with Goal 1
TDOT PIN	128832.00	STIP No.			
Project Name	Broadway DSRC and Enhanced Detection Traffic Signal Improvements				
Lead Agency	City of Knoxville				
Total Project Cost	\$1,845,000				

Project Description	Signal upgrades at existing installations including DSRC, data probing hardware, enhanced vehicle detection, battery backup, etc.				
Termini/Intersection	Broadway from Jackson Ave to Colonial Circle and 3 other spot locations on Tazewell Pk/Old Broadway (30 traffic signals total)				
Counties	Knox				
City/Agency	City of Knoxville				
Length	5.6	(miles)	Conformity Status	Exempt	

Additional Details

**Programmed Funds**

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$1,731,220	\$1,731,220	\$0	\$0	\$0
2020	PE-D	CMAQ	\$88,780	\$88,780	\$0	\$0	\$0
2020	PE-N	CMAQ	\$25,000	\$25,000	\$0	\$0	\$0
Total			\$1,845,000	\$1,845,000	\$0	\$0	\$0

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Previous TIP No.	17-2017-058



# Knoxville Regional Transportation Planning Organization

## TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

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TIP No.	20-2017-060	Revision No.	0	Mobility Plan No.	Consistent with Goal 1	
TDOT PIN	128834.00	STIP No.				
Project Name	Kingston Pike DSRC and Enhanced Detection Traffic Signal Improvements					
Lead Agency	City of Knoxville					
Total Project Cost	\$3,321,000					

Project Description	Signal upgrades at existing installations including DSRC, data probing hardware, enhanced vehicle detection, battery backup, etc.				
Termini/Intersection	Kingston Pike from Cherokee Blvd to Huxley Rd and 3 signals on West Town Way (44 traffic signals total)				
Counties	Knox				
City/Agency	City of Knoxville				
Length	10.6	(miles)	Conformity Status	Exempt	

Additional Details

**Programmed Funds**

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	CON	CMAQ	\$3,135,220	\$3,135,220	\$0	\$0	\$0
2020	PE-D	CMAQ	\$160,780	\$160,780	\$0	\$0	\$0
2020	PE-N	CMAQ	\$25,000	\$25,000	\$0	\$0	\$0
<b>Total</b>			<b>\$3,321,000</b>	<b>\$3,321,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

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Previous TIP No.	17-2017-060

