



City County Building, Suite 403 • 400 Main Street • Knoxville, Tennessee 37902
(865) 215-2500 • www.knoxtrans.org

October 29, 2018

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

SUBJECT: Adjustment to project 17-2014-300 (**PM 2.5 Diesel Emissions Reduction Strategies Grouping**)

Dear TDOT,

The Knoxville Regional TPO requests concurrence by TDOT to adjust the FY 2017-2020 TIP concerning the following project:

Adjustment 17-2014-300 (PM 2.5 Diesel Emissions Reduction Strategies Grouping) - Adjust grouping to reduce City of Loudon/Loudon Utilities project from 13 to 4 total diesel vehicle replacements. The Loudon project is revised from \$1,461,273 (\$1,169,018 federal/ to \$704,900 (\$563,920 federal/ \$140,980 local). The total grouping cost is reduced from \$9,862,348 to \$9,105,976.

This adjustment has been incorporated into our FY 2017-2020 TIP. The financial tables and project page 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 2017-2020**

ORIGINAL

TIP No.	17-2014-300	Revision No.	2	Mobility Plan No.	Consistent with Mobility Plan Goal 1
TDOT PIN		STIP No.			
Project Name	PM 2.5 Diesel Emissions Reduction Strategies Grouping				
Lead Agency	TDOT				
Total Project Cost	\$9,862,348				

Project Description	See Appendix E: TDOT Metropolitan Groupings Definitions for a more comprehensive list of activities included but not limited for eligibility.				
Termini/Intersection					
Counties	Anderson, Blount, Knox, Loudon, Roane, Sevier				
City/Agency					
Length		(miles)	Conformity Status	Exempt	
Additional Details	The Knoxville Area Transit \$2,259,906 (federal share) CMAQ funds were flexed to FTA on January 25, 2017.				

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2017	PUR	CMAQ	\$9,862,348	\$7,774,154	\$282,488	\$1,805,706	\$0
Total			\$9,862,348	\$7,774,154	\$282,488	\$1,805,706	\$0

Revision Date	4/27/2017
Revision Details	Adjust project by updating Mobility Plan goal number.
Previous TIP No.	2014-300

Grantee	Project Description	Federal Funds
Loudon County Hwy Dept	9 Total Diesel Vehicle Replacements	\$940,000
First Utility District of Knox County	3 Total Diesel Vehicle Replacements	\$468,000
Lenoir City Utilities Board	12 Total Diesel Vehicle Replacements	\$698,400
Knoxville Area Transit	5 Total Diesel Vehicle Replacements	\$2,259,906
City of Lenoir City	7 Total Diesel Vehicle Replacements	\$403,200
Anderson County EMS	2 Total Diesel Vehicle Replacements	\$216,000
Anderson County Hwy Dept	9 Total Diesel Vehicle Replacements	\$859,480
City of Loudon	13 Total Diesel Vehicle Replacements	\$1,169,018
Knoxville Utilities Board	3 Total Diesel Vehicle Replacements	\$123,750
City of Knoxville	5 Total Diesel Vehicle Replacements	\$450,000
Powell-Clinch Utility District	2 Total Diesel Vehicle Replacements	\$116,000
West Knox Utility District	1 Total Diesel Vehicle Replacements	\$70,400

**Knoxville Regional Transportation Planning Organization
TRANSPORTATION IMPROVEMENT PROGRAM FY 2017-2020**

ADJUSTED

TIP No.	17-2014-300	Revision No.	3	Mobility Plan No.	Consistent with Mobility Plan Goal 1
TDOT PIN		STIP No.			
Project Name	PM 2.5 Diesel Emissions Reduction Strategies Grouping				
Lead Agency	TDOT				
Total Project Cost	\$9,105,976				

Project Description This grouping will be used to fund PM 2.5 Emission Reduction Strategies - Projects to reduce PM 2.5 emissions from on-road heavy duty diesel engines and non-road construction equipment, including: Diesel retrofits, Idling reduction, and other strategies to reduce PM 2.5 emissions. Allowable work types include: Vehicle replacement, repowering, engine rebuilding, other technologies as determined by EPA as appropriate for reducing emissions from diesel engines, outreach activities that provide information exchange and technical assistance to diesel owners and operators on retrofit option.

Termini/Intersection	
Counties	Anderson, Blount, Knox, Loudon, Roane, Sevier
City/Agency	
Length	(miles) Conformity Status Exempt

Additional Details The Knoxville Area Transit \$2,259,906 (federal share) CMAQ funds were flexed to FTA on January 25, 2017.

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2017	PUR	CMAQ	\$9,105,976	\$7,169,056	\$282,488	\$1,654,432	\$0
Total			\$9,105,976	\$7,169,056	\$282,488	\$1,654,432	\$0

Revision Date	10/29/2018
Revision Details	Adjust grouping to reduce City of Loudon/Loudon Utilities project from 13 to 4 total diesel vehicle replacements. The Loudon project is revised from \$1,461,273 to \$704,900 (\$563,920 federal/\$140,980 local). The total grouping cost is reduced from \$9,862,348 to \$9,105,976.
Previous TIP No.	2014-300

Grantee	Project Description	Federal Funds
Loudon County Hwy Dept	9 Total Diesel Vehicle Replacements	\$940,000
First Utility District of Knox County	3 Total Diesel Vehicle Replacements	\$468,000
Lenoir City Utilities Board	12 Total Diesel Vehicle Replacements	\$698,400
Knoxville Area Transit	5 Total Diesel Vehicle Replacements	\$2,259,906
City of Lenoir City	7 Total Diesel Vehicle Replacements	\$403,200
Anderson County EMS	2 Total Diesel Vehicle Replacements	\$216,000
Anderson County Hwy Dept	9 Total Diesel Vehicle Replacements	\$859,480
City of Loudon	4 Total Diesel Vehicle Replacements	\$563,920
Knoxville Utilities Board	3 Total Diesel Vehicle Replacements	\$123,750
City of Knoxville	5 Total Diesel Vehicle Replacements	\$450,000
Powell-Clinch Utility District	2 Total Diesel Vehicle Replacements	\$116,000
West Knox Utility District	1 Total Diesel Vehicle Replacements	\$70,400

KNOXVILLE REGIONAL TPO TRANSPORTATION IMPROVEMENT PROGRAM FY 2017-2020

ORIGINAL

Table 1. Summary of Programmed Revenues

Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	Total	Share (%)
ACPHSIP	\$450,000	\$1,110,000	\$0	\$0	\$1,560,000	0.18
CMAQ	\$19,388,946	\$1,264,269	\$27,564,000	\$4,957,400	\$53,174,615	6.20
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.04
HIP	\$0	\$2,479,974	\$0	\$0	\$2,479,974	0.29
HPP	\$5,067,350	\$1,000,000	\$9,090,162	\$0	\$15,157,512	1.77
HSIP	\$4,585,888	\$11,592,360	\$3,467,360	\$3,467,360	\$23,112,968	2.70
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.07
LOCAL	\$36,500,000	\$8,165,000	\$155,000	\$0	\$44,820,000	5.23
L-STBG	\$43,393,665	\$23,038,693	\$14,142,172	\$12,075,586	\$92,650,116	10.81
L-STBG-TA	\$2,695,090	\$2,276,724	\$0	\$997,500	\$5,969,314	0.70
NHPP	\$182,596,884	\$140,140,693	\$101,977,000	\$43,976,577	\$468,691,154	54.67
PHSIP	\$3,101,500	\$6,636,500	\$601,500	\$601,500	\$10,941,000	1.28
PRIVATE	\$0	\$1,800,000	\$36,000	\$0	\$1,836,000	0.21
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	1.84
RPHSIP	\$1,200,000	\$3,324,800	\$0	\$0	\$4,524,800	0.53
SECTION 5307	\$16,940,427	\$8,584,499	\$8,592,575	\$8,592,575	\$42,710,076	4.98
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.53
SECTION 5339	\$1,514,698	\$1,013,641	\$762,616	\$762,616	\$4,053,571	0.47
SECTION 5339b	\$0	\$4,500,000	\$0	\$0	\$4,500,000	0.52
S-STBG	\$24,696,196	\$15,599,521	\$8,949,521	\$3,399,521	\$52,644,759	6.14
S-STBG-TA	\$1,644,401	\$76,552	\$3,524,399	\$890,565	\$6,135,917	0.72
STA	\$0	\$359,770	\$762,500	\$0	\$1,122,270	0.13
Total	\$358,070,592	\$238,330,447	\$180,430,194	\$80,526,589	\$857,357,822	100.00
Federal	\$258,006,254	\$183,979,462	\$143,266,280	\$65,106,878	\$650,358,874	75.86
State	\$46,313,407	\$40,082,328	\$25,946,100	\$12,266,468	\$124,608,303	14.53
Local	\$53,750,931	\$12,468,657	\$5,750,814	\$3,153,243	\$75,123,645	8.76
Other	\$0	\$1,800,000	\$5,467,000	\$0	\$7,267,000	0.85

Table 2. Summary of Programmed Expenditures

Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	Total	Share (%)
ACPHSIP	\$450,000	\$1,110,000	\$0	\$0	\$1,560,000	0.18
CMAQ	\$19,388,946	\$1,264,269	\$27,564,000	\$4,957,400	\$53,174,615	6.20
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.04
HIP	\$0	\$2,479,974	\$0	\$0	\$2,479,974	0.29
HPP	\$5,067,350	\$1,000,000	\$9,090,162	\$0	\$15,157,512	1.77
HSIP	\$4,585,888	\$11,592,360	\$3,467,360	\$3,467,360	\$23,112,968	2.70
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.07
LOCAL	\$36,500,000	\$8,165,000	\$155,000	\$0	\$44,820,000	5.23
L-STBG	\$43,393,665	\$23,038,693	\$14,142,172	\$12,075,586	\$92,650,116	10.81
L-STBG-TA	\$2,695,090	\$2,276,724	\$0	\$997,500	\$5,969,314	0.70
NHPP	\$182,596,884	\$140,140,693	\$101,977,000	\$43,976,577	\$468,691,154	54.67
PHSIP	\$3,101,500	\$6,636,500	\$601,500	\$601,500	\$10,941,000	1.28
PRIVATE	\$0	\$1,800,000	\$36,000	\$0	\$1,836,000	0.21
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	1.84
RPHSIP	\$1,200,000	\$3,324,800	\$0	\$0	\$4,524,800	0.53
SECTION 5307	\$16,940,427	\$8,584,499	\$8,592,575	\$8,592,575	\$42,710,076	4.98
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.53
SECTION 5339	\$1,514,698	\$1,013,641	\$762,616	\$762,616	\$4,053,571	0.47
SECTION 5339b	\$0	\$4,500,000	\$0	\$0	\$4,500,000	0.52
S-STBG	\$24,696,196	\$15,599,521	\$8,949,521	\$3,399,521	\$52,644,759	6.14
S-STBG-TA	\$1,644,401	\$76,552	\$3,524,399	\$890,565	\$6,135,917	0.72
STA	\$0	\$359,770	\$762,500	\$0	\$1,122,270	0.13
Total	\$358,070,592	\$238,330,447	\$180,430,194	\$80,526,589	\$857,357,822	100.00
Federal	\$258,006,254	\$183,979,462	\$143,266,280	\$65,106,878	\$650,358,874	75.86
State	\$46,313,407	\$40,082,328	\$25,946,100	\$12,266,468	\$124,608,303	14.53
Local	\$53,750,931	\$12,468,657	\$5,750,814	\$3,153,243	\$75,123,645	8.76
Other	\$0	\$1,800,000	\$5,467,000	\$0	\$7,267,000	0.85

KNOXVILLE REGIONAL TPO TRANSPORTATION IMPROVEMENT PROGRAM FY 2017-2020

ADJUSTED

Table 1. Summary of Programmed Revenues

Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	Total	Share (%)
ACPHSIP	\$450,000	\$1,110,000	\$0	\$0	\$1,560,000	0.18
CMAQ	\$18,632,574	\$1,264,269	\$27,564,000	\$4,957,400	\$52,418,243	6.12
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.04
HIP	\$0	\$2,479,974	\$0	\$0	\$2,479,974	0.29
HPP	\$5,067,350	\$1,000,000	\$9,090,162	\$0	\$15,157,512	1.77
HSIP	\$4,585,888	\$11,592,360	\$3,467,360	\$3,467,360	\$23,112,968	2.70
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.07
LOCAL	\$36,500,000	\$8,165,000	\$155,000	\$0	\$44,820,000	5.23
L-STBG	\$43,393,665	\$23,038,693	\$14,142,172	\$12,075,586	\$92,650,116	10.82
L-STBG-TA	\$2,695,090	\$2,276,724	\$0	\$997,500	\$5,969,314	0.70
NHPP	\$182,596,884	\$140,140,693	\$101,977,000	\$43,976,577	\$468,691,154	54.72
PHSIP	\$3,101,500	\$6,636,500	\$601,500	\$601,500	\$10,941,000	1.28
PRIVATE	\$0	\$1,800,000	\$36,000	\$0	\$1,836,000	0.21
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	1.84
RPHSIP	\$1,200,000	\$3,324,800	\$0	\$0	\$4,524,800	0.53
SECTION 5307	\$16,940,427	\$8,584,499	\$8,592,575	\$8,592,575	\$42,710,076	4.99
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.53
SECTION 5339	\$1,514,698	\$1,013,641	\$762,616	\$762,616	\$4,053,571	0.47
SECTION 5339b	\$0	\$4,500,000	\$0	\$0	\$4,500,000	0.53
S-STBG	\$24,696,196	\$15,599,521	\$8,949,521	\$3,399,521	\$52,644,759	6.15
S-STBG-TA	\$1,644,401	\$76,552	\$3,524,399	\$890,565	\$6,135,917	0.72
STA	\$0	\$359,770	\$762,500	\$0	\$1,122,270	0.13
Total	\$357,314,220	\$238,330,447	\$180,430,194	\$80,526,589	\$856,601,450	100.00
Federal	\$257,401,156	\$183,979,462	\$143,266,280	\$65,106,878	\$649,753,776	75.85
State	\$46,313,407	\$40,082,328	\$25,946,100	\$12,266,468	\$124,608,303	14.55
Local	\$53,599,657	\$12,468,657	\$5,750,814	\$3,153,243	\$74,972,371	8.75
Other	\$0	\$1,800,000	\$5,467,000	\$0	\$7,267,000	0.85

Table 2. Summary of Programmed Expenditures

Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	Total	Share (%)
ACPHSIP	\$450,000	\$1,110,000	\$0	\$0	\$1,560,000	0.18
CMAQ	\$18,632,574	\$1,264,269	\$27,564,000	\$4,957,400	\$52,418,243	6.12
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.04
HIP	\$0	\$2,479,974	\$0	\$0	\$2,479,974	0.29
HPP	\$5,067,350	\$1,000,000	\$9,090,162	\$0	\$15,157,512	1.77
HSIP	\$4,585,888	\$11,592,360	\$3,467,360	\$3,467,360	\$23,112,968	2.70
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.07
LOCAL	\$36,500,000	\$8,165,000	\$155,000	\$0	\$44,820,000	5.23
L-STBG	\$43,393,665	\$23,038,693	\$14,142,172	\$12,075,586	\$92,650,116	10.82
L-STBG-TA	\$2,695,090	\$2,276,724	\$0	\$997,500	\$5,969,314	0.70
NHPP	\$182,596,884	\$140,140,693	\$101,977,000	\$43,976,577	\$468,691,154	54.72
PHSIP	\$3,101,500	\$6,636,500	\$601,500	\$601,500	\$10,941,000	1.28
PRIVATE	\$0	\$1,800,000	\$36,000	\$0	\$1,836,000	0.21
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	1.84
RPHSIP	\$1,200,000	\$3,324,800	\$0	\$0	\$4,524,800	0.53
SECTION 5307	\$16,940,427	\$8,584,499	\$8,592,575	\$8,592,575	\$42,710,076	4.99
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.53
SECTION 5339	\$1,514,698	\$1,013,641	\$762,616	\$762,616	\$4,053,571	0.47
SECTION 5339b	\$0	\$4,500,000	\$0	\$0	\$4,500,000	0.53
S-STBG	\$24,696,196	\$15,599,521	\$8,949,521	\$3,399,521	\$52,644,759	6.15
S-STBG-TA	\$1,644,401	\$76,552	\$3,524,399	\$890,565	\$6,135,917	0.72
STA	\$0	\$359,770	\$762,500	\$0	\$1,122,270	0.13
Total	\$357,314,220	\$238,330,447	\$180,430,194	\$80,526,589	\$856,601,450	100.00
Federal	\$257,401,156	\$183,979,462	\$143,266,280	\$65,106,878	\$649,753,776	75.85
State	\$46,313,407	\$40,082,328	\$25,946,100	\$12,266,468	\$124,608,303	14.55
Local	\$53,599,657	\$12,468,657	\$5,750,814	\$3,153,243	\$74,972,371	8.75
Other	\$0	\$1,800,000	\$5,467,000	\$0	\$7,267,000	0.85

NOTE: Financial tables run on 10/29/2018 and reflect:
 FY 2017 - CMAQ: -\$756,372 (Federal: -\$605,098 Local: -\$151,274)