



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

September 27, 2018

Tennessee Department of Transportation
James K. Polk Building, Suite 600
505 Deaderick Street
Nashville, TN 37243-0349

SUBJECT: 17-2017-213 (KAT Electric Bus Procurement)

Dear TDOT,

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

Amendment 17-2017-213 (KAT Electric Bus Procurement) - Amend the TIP by adding this project. The FY 2019 purchase cost is \$7,980,000 (\$6,384,000 federal/\$798,000 state/\$798,000 local). The total project cost is \$7,980,000.

This amendment has been incorporated into our FY 2017-2020 TIP. The project page, expenditure summary sheets, air quality conformity determination approval (FHWA) and concurrence (EPA) letters, resolution and other pertinent information are included. If you have any questions please contact me at (865) 215-3813.

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

AMENDED
(NEW)

TIP No.	<input type="text" value="17-2017-213"/>	Revision No.	<input type="text" value="0"/>	Mobility Plan No.	<input type="text" value="17-1007"/>	
TDOT PIN	<input type="text"/>	STIP No.	<input type="text"/>			
Project Name	<input type="text" value="Transit Vehicles: Electric Bus Procurement"/>					
Lead Agency	<input type="text" value="KAT"/>					
Total Project Cost	<input type="text" value="\$7,980,000"/>					

Project Description	<input type="text" value="Purchase of up to 8 35-foot electric transit buses and charging equipment for fleet replacement or minor expansion"/>				
Termini/Intersection	<input type="text" value="Knoxville and Knox County"/>				
Counties	<input type="text" value="Knox"/>				
City/Agency	<input type="text"/>				
Length	<input type="text" value="0"/> (miles)	Conformity Status	<input type="text" value="Exempt"/>		

Additional Details	<input type="text" value="These funds will be flexed to FTA"/>				
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Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2019	PUR	CMAQ	\$7,980,000	\$6,384,000	\$798,000	\$798,000	\$0
Total			\$7,980,000	\$6,384,000	\$798,000	\$798,000	\$0

Revision Date	<input type="text" value="9/26/2018"/>
Revision Details	<input type="text" value="Amend the TIP by adding this project. The project programs \$7,980,000 (\$6,384,000 federal/\$798,000 state/\$798,000 local) CMAQ funding in FY 2019 to purchase up to 8 electric buses and charging equipment."/>
Previous TIP No.	<input type="text"/>



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	0.21
CMAQ	\$19,388,946	\$1,264,269	\$19,620,000	\$4,957,400	\$45,230,615	6.04
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.04
HIP	\$0	\$2,479,974	\$0	\$0	\$2,479,974	0.33
HPP	\$5,067,350	\$1,000,000	\$9,090,162	\$0	\$15,157,512	2.02
HSIP	\$4,585,888	\$11,592,360	\$3,467,360	\$3,467,360	\$23,112,968	3.09
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.08
LOCAL	\$36,500,000	\$8,165,000	\$155,000	\$0	\$44,820,000	5.98
L-STBG	\$44,242,165	\$22,922,443	\$12,873,672	\$12,075,586	\$92,113,866	12.30
L-STBG-TA	\$2,695,090	\$2,276,724	\$0	\$997,500	\$5,969,314	0.80
NHPP	\$182,596,884	\$140,140,693	\$12,126,577	\$43,976,577	\$378,840,731	50.57
PHSIP	\$3,101,500	\$6,636,500	\$601,500	\$601,500	\$10,941,000	1.46
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	2.11
RPHSIP	\$1,200,000	\$3,324,800	\$0	\$0	\$4,524,800	0.60
SECTION 5307	\$16,940,427	\$8,584,499	\$8,592,575	\$8,592,575	\$42,710,076	5.70
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.61
SECTION 5339	\$1,514,698	\$1,013,641	\$762,616	\$762,616	\$4,053,571	0.54
SECTION 5339b	\$0	\$4,500,000	\$0	\$0	\$4,500,000	0.60
S-STBG	\$24,696,196	\$15,599,521	\$3,649,521	\$3,399,521	\$47,344,759	6.32
S-STBG-TA	\$2,156,901	\$76,552	\$1,125,975	\$0	\$3,359,428	0.45
STA	\$762,500	\$359,770	\$0	\$0	\$1,122,270	0.15
Total	\$360,194,092	\$236,414,197	\$72,870,347	\$79,636,024	\$749,114,660	100.00
Federal	\$259,095,054	\$183,886,462	\$56,868,403	\$64,394,426	\$564,244,345	75.32
State	\$47,171,922	\$40,107,138	\$6,219,500	\$12,266,468	\$105,765,028	14.12
Local	\$53,927,116	\$12,420,597	\$4,315,444	\$2,975,130	\$73,638,287	9.83
Other	\$0	\$0	\$5,467,000	\$0	\$5,467,000	0.73

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	0.21
CMAQ	\$19,388,946	\$1,264,269	\$19,620,000	\$4,957,400	\$45,230,615	6.04
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.04
HIP	\$0	\$2,479,974	\$0	\$0	\$2,479,974	0.33
HPP	\$5,067,350	\$1,000,000	\$9,090,162	\$0	\$15,157,512	2.02
HSIP	\$4,585,888	\$11,592,360	\$3,467,360	\$3,467,360	\$23,112,968	3.09
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.08
LOCAL	\$36,500,000	\$8,165,000	\$155,000	\$0	\$44,820,000	5.98
L-STBG	\$44,242,165	\$22,922,443	\$12,873,672	\$12,075,586	\$92,113,866	12.30
L-STBG-TA	\$2,695,090	\$2,276,724	\$0	\$997,500	\$5,969,314	0.80
NHPP	\$182,596,884	\$140,140,693	\$12,126,577	\$43,976,577	\$378,840,731	50.57
PHSIP	\$3,101,500	\$6,636,500	\$601,500	\$601,500	\$10,941,000	1.46
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	2.11
RPHSIP	\$1,200,000	\$3,324,800	\$0	\$0	\$4,524,800	0.60
SECTION 5307	\$16,940,427	\$8,584,499	\$8,592,575	\$8,592,575	\$42,710,076	5.70
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.61
SECTION 5339	\$1,514,698	\$1,013,641	\$762,616	\$762,616	\$4,053,571	0.54
SECTION 5339b	\$0	\$4,500,000	\$0	\$0	\$4,500,000	0.60
S-STBG	\$24,696,196	\$15,599,521	\$3,649,521	\$3,399,521	\$47,344,759	6.32
S-STBG-TA	\$2,156,901	\$76,552	\$1,125,975	\$0	\$3,359,428	0.45
STA	\$762,500	\$359,770	\$0	\$0	\$1,122,270	0.15
Total	\$360,194,092	\$236,414,197	\$72,870,347	\$79,636,024	\$749,114,660	100.00
Federal	\$259,095,054	\$183,886,462	\$56,868,403	\$64,394,426	\$564,244,345	75.32
State	\$47,171,922	\$40,107,138	\$6,219,500	\$12,266,468	\$105,765,028	14.12
Local	\$53,927,116	\$12,420,597	\$4,315,444	\$2,975,130	\$73,638,287	9.83
Other	\$0	\$0	\$5,467,000	\$0	\$5,467,000	0.73

KNOXVILLE REGIONAL TPO TRANSPORTATION IMPROVEMENT PROGRAM FY 2017-2020

AMENDED

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	0.21
CMAQ	\$19,388,946	\$1,264,269	\$27,600,000	\$4,957,400	\$53,210,615	7.03
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.04
HIP	\$0	\$2,479,974	\$0	\$0	\$2,479,974	0.33
HPP	\$5,067,350	\$1,000,000	\$9,090,162	\$0	\$15,157,512	2.00
HSIP	\$4,585,888	\$11,592,360	\$3,467,360	\$3,467,360	\$23,112,968	3.05
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.08
LOCAL	\$36,500,000	\$8,165,000	\$155,000	\$0	\$44,820,000	5.92
L-STBG	\$44,242,165	\$22,922,443	\$12,873,672	\$12,075,586	\$92,113,866	12.17
L-STBG-TA	\$2,695,090	\$2,276,724	\$0	\$997,500	\$5,969,314	0.79
NHPP	\$182,596,884	\$140,140,693	\$12,126,577	\$43,976,577	\$378,840,731	50.04
PHSIP	\$3,101,500	\$6,636,500	\$601,500	\$601,500	\$10,941,000	1.45
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	2.09
RPHSIP	\$1,200,000	\$3,324,800	\$0	\$0	\$4,524,800	0.60
SECTION 5307	\$16,940,427	\$8,584,499	\$8,592,575	\$8,592,575	\$42,710,076	5.64
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.60
SECTION 5339	\$1,514,698	\$1,013,641	\$762,616	\$762,616	\$4,053,571	0.54
SECTION 5339b	\$0	\$4,500,000	\$0	\$0	\$4,500,000	0.59
S-STBG	\$24,696,196	\$15,599,521	\$3,649,521	\$3,399,521	\$47,344,759	6.25
S-STBG-TA	\$2,156,901	\$76,552	\$1,125,975	\$0	\$3,359,428	0.44
STA	\$762,500	\$359,770	\$0	\$0	\$1,122,270	0.15
Total	\$360,194,092	\$236,414,197	\$80,850,347	\$79,636,024	\$757,094,660	100.00
Federal	\$259,095,054	\$183,886,462	\$63,252,403	\$64,394,426	\$570,628,345	75.37
State	\$47,171,922	\$40,107,138	\$7,017,500	\$12,266,468	\$106,563,028	14.08
Local	\$53,927,116	\$12,420,597	\$5,113,444	\$2,975,130	\$74,436,287	9.83
Other	\$0	\$0	\$5,467,000	\$0	\$5,467,000	0.72

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	0.21
CMAQ	\$19,388,946	\$1,264,269	\$27,600,000	\$4,957,400	\$53,210,615	7.03
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.04
HIP	\$0	\$2,479,974	\$0	\$0	\$2,479,974	0.33
HPP	\$5,067,350	\$1,000,000	\$9,090,162	\$0	\$15,157,512	2.00
HSIP	\$4,585,888	\$11,592,360	\$3,467,360	\$3,467,360	\$23,112,968	3.05
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.08
LOCAL	\$36,500,000	\$8,165,000	\$155,000	\$0	\$44,820,000	5.92
L-STBG	\$44,242,165	\$22,922,443	\$12,873,672	\$12,075,586	\$92,113,866	12.17
L-STBG-TA	\$2,695,090	\$2,276,724	\$0	\$997,500	\$5,969,314	0.79
NHPP	\$182,596,884	\$140,140,693	\$12,126,577	\$43,976,577	\$378,840,731	50.04
PHSIP	\$3,101,500	\$6,636,500	\$601,500	\$601,500	\$10,941,000	1.45
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RPHSIP	\$1,200,000	\$3,324,800	\$0	\$0	\$4,524,800	0.60
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SECTION 5339	\$1,514,698	\$1,013,641	\$762,616	\$762,616	\$4,053,571	0.54
SECTION 5339b	\$0	\$4,500,000	\$0	\$0	\$4,500,000	0.59
S-STBG	\$24,696,196	\$15,599,521	\$3,649,521	\$3,399,521	\$47,344,759	6.25
S-STBG-TA	\$2,156,901	\$76,552	\$1,125,975	\$0	\$3,359,428	0.44
STA	\$762,500	\$359,770	\$0	\$0	\$1,122,270	0.15
Total	\$360,194,092	\$236,414,197	\$80,850,347	\$79,636,024	\$757,094,660	100.00
Federal	\$259,095,054	\$183,886,462	\$63,252,403	\$64,394,426	\$570,628,345	75.37
State	\$47,171,922	\$40,107,138	\$7,017,500	\$12,266,468	\$106,563,028	14.08
Local	\$53,927,116	\$12,420,597	\$5,113,444	\$2,975,130	\$74,436,287	9.83
Other	\$0	\$0	\$5,467,000	\$0	\$5,467,000	0.72

NOTE: Financial tables run on 09/12/2018 and reflect:
 FY 2019 - CMAQ: +\$7,980,000 State: +\$798,000 Local: +\$798,000



TRANSPORTATION IMPROVEMENT PROGRAM Transportation Conformity Summary Report

Project Amendment:

On September 26, 2018, the Knoxville Regional TPO Executive Board voted to approve the following amendment to the Knoxville Regional FY 2017 – 2020 Transportation Improvement Program (TIP)

TIP #	L RTP #	Project Name	Conformity Status
17-2017-213	17-1007	KAT Electric Bus Procurement	Exempt

Air Quality Conformity Status:

This amendment does not trigger the need for a conformity determination because this action is exempt from conformity per 40 CFR 93.126.

Metropolitan Transportation Planning Process Certification:

The Knoxville TPO Planning Process certification is included and certifies that every four years the transportation planning process addresses the major issues in the metropolitan planning area and is conducted in accordance with all applicable requirements.

Resolution:

The adopting resolution for this project is included.

Public Participation:

Public participation process was in accordance with the Knoxville TPO's federally approved Public Participation Plan. Two public hearings were held on September 11, 2018 at the TPO Technical Committee Meeting, followed by September 26, 2018 at the TPO Executive Board meeting. No public comments were received.

Interagency Consultation:

The Knoxville Air Quality Interagency Consultation (IAC) group was consulted on September 12, 2018 regarding the conformity exempt status of the amendment. There was agreement from the group regarding the Knoxville TPO staff's exempt assessment of the project based on IAC correspondence. The required 14-day IAC review period was from September 12, 2018 to September 26, 2018. IAC email correspondence regarding the amendment is included.



U.S. Department
of Transportation
**Federal Highway
Administration**

Tennessee Division

May 31, 2017

404 BNA Drive, Suite 508
Nashville, Tennessee 37217
Phone (615) 781-5770

In Reply Refer To:
HDA-TN

Ms. Tanisha Hall
Director, Long Range Planning Division
Tennessee Department of Transportation
James K. Polk Building, Suite 900
Nashville, TN 37243

Subject: Air Quality Conformity Determination for the Knoxville, TN Region

Dear Ms. Hall:

The Federal Highway Administration (FHWA) Tennessee Division and Federal Transit Administration (FTA) Region IV Office, in coordination with the Environmental Protection Agency (EPA) Region IV Office, have reviewed the Air Quality Conformity Determination the Knoxville Regional Transportation Planning Organization (TPO) Executive Board adopted on April 26, 2017.

The Air Quality Conformity Determination covers the Knoxville, TN nonattainment area for the 1997 Annual PM_{2.5} standard, the nonattainment area for the 2006 Daily PM_{2.5} standard and the maintenance area for the 2008 8-hour ozone standard and addresses the planned transportation improvements from the TPO's Mobility Plan 2040 and amended Fiscal Years 2017-2020 Transportation Improvement Program.

Based on our review, we find the documents conform to the State of Tennessee's air quality goals for the 1997 Annual PM_{2.5}, 2006 Daily PM_{2.5}, and 2008 8-hour ozone National Ambient Air Quality Standards established in the State Implementation Plan.

If you have any questions regarding this determination, please contact Sean Santalla at (615) 781-5767.

Sincerely,

Pamela M. Kordenbrock
Division Administrator

cc: Mayor Tom Taylor, Executive Board Chair, Knoxville Regional TPO
Mr. Andres Ramirez, General Engineer, FTA Region IV
Ms. Kelly Sheckler, Environmental Scientist, EPA Region 4
Ms. Dianna Myers, Physical Scientist, EPA Region 4

Mr. Jeff Welch, Director, Knoxville Regional TPO
Mr. Larry McGoogin, Comprehensive Planning Assistant Director, TDOT
Mr. Josh Suddath, OCT Planning Manager, TDOT
Ms. Deborah Fleming, Senior Regional Planner, TDOT
Mr. Troy Ebbert, OCT Region 1 Planning Supervisor, TDOT
Mr. Marc Corrigan, Environmental Consultant, TDEC

**METROPOLITAN TRANSPORTATION PLANNING PROCESS
CERTIFICATION**

In accordance with 23 CFR 450.334, the Knoxville Regional Transportation Planning Organization for the Knoxville Urbanized Area hereby certify every four years that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

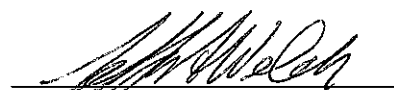
- I. 23 U.S.C. 134, 49 U.S.C. Section 5303 (Highway and Transit);
- II. In non-attainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended 942 U.S.C 7504 and 7506 (c) and (d) and 40 CFR part 93;
- III. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C 2000d-1) and 49 CFR part 21;
- IV. 49 U.S.C. 5332, prohibiting discrimination, on the basis of race, color, creed, national origin, sex or age in employment or business opportunity;
- V. Section 1101 (b) of the FAST ACT (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT (United States Department of Transportation) funded projects;
- VI. 23 CFR Part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- VII. Provisions of the American with Disabilities Act of 1990 (42 U.S.C 12101 et.Seq) and 49 CFR parts 27, 37 and 38;
- VIII. The Older Americans Act, as amended (42 U.S.C 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- IX. Section 324 of title 23 U.S.C regarding the prohibition of discrimination based on gender; and
- X. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

October 26, 2016

Date



Mayor Madeline Rogero
City of Knoxville
TPO Executive Board Chair



Jeffrey A. Welch
Director, Knoxville Regional TPO