



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

April 12, 2018

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

SUBJECT: Adjustment to projects 17-2017-204 (KAT Transit Vehicle Replacement),
17-2014-205 (KAT Implementation of ITS Technologies), 17-2017-208 (KAT Purchase of ADA Paratransit Vans)

Dear TDOT,

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

Adjustment 17-2017-204 (KAT Transit Vehicle Replacement) - Adjust project by splitting the local match in half between state and local match for FY 2017 and FY 2018. The revised state and local matches for FY 2017 are \$52,294 and \$52,294. The revised state and local matches for FY 2018 are \$147,087 and \$147,088

Adjustment 17-2017-205 (KAT Implementation of ITS Technologies) - Adjust project by splitting the local match in half between state and local match for FY 2018. The revised state and local matches for FY 2018 are \$100,000 and \$100,000.

Adjustment 17-2017-208 (KAT Purchase of ADA Paratransit Vans) - Adjust project by splitting the local match in half between state and local match for FY 2018. The revised state and local matches for FY 2018 are \$19,542 and \$19,542.

These adjustments have been incorporated into our FY 2017-2020 TIP. The financial tables and 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 2017-2020

ORIGINAL

TIP No.	17-2017-204	Revision No.	0	Mobility Plan No.	17-1007
TDOT PIN		STIP No.			
Project Name	Purchase KAT Vehicles - Fixed Route Buses				
Lead Agency	KAT				
Total Project Cost	\$3,501,461				

Project Description	Purchase of fixed-route buses for fleet replacement or minor expansion.					
Termini/Intersection	Knoxville and Knox County					
Counties	Knox					
City/Agency						
Length	0	(miles)	Conformity Status	Exempt		

Additional Details	These funds will be flexed to FTA					
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Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2017	PUR	L-STBG	\$522,941	\$418,353	\$0	\$104,588	\$0
2018	PUR	L-STBG	\$1,470,875	\$1,176,700	\$0	\$294,175	\$0
2019	PUR	L-STBG	\$1,507,645	\$1,206,116	\$0	\$301,529	\$0
Total			\$3,501,461	\$2,801,169	\$0	\$700,292	\$0

Revision Date	4/26/2017
Revision Details	Added to the FY2017-2020 TIP to be consistent with Mobility Plan 2040
Previous TIP No.	



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

ADJUSTED

TIP No.	17-2017-204	Revision No.	1	Mobility Plan No.	17-1007
TDOT PIN		STIP No.			
Project Name	Purchase KAT Vehicles - Fixed Route Buses				
Lead Agency	KAT				
Total Project Cost	\$3,501,461				

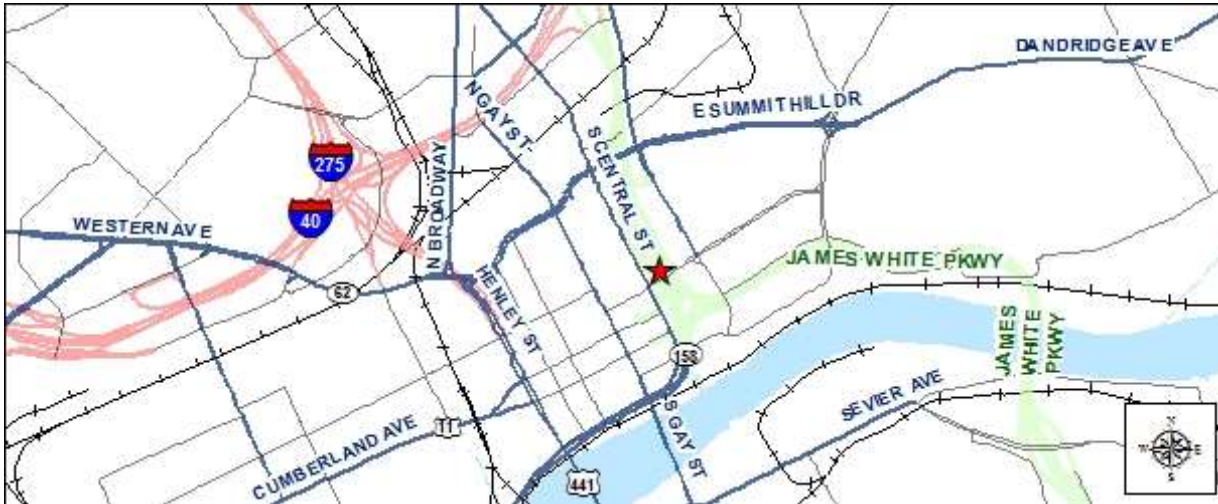
Project Description	Purchase of fixed-route buses for fleet replacement or minor expansion.				
Termini/Intersection	Knoxville and Knox County				
Counties	Knox				
City/Agency					
Length	0	(miles)	Conformity Status	Exempt	

Additional Details	These funds will be flexed to FTA				
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Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2017	PUR	L-STBG	\$522,941	\$418,353	\$52,294	\$52,294	\$0
2018	PUR	L-STBG	\$1,470,875	\$1,176,700	\$147,087	\$147,088	\$0
2019	PUR	L-STBG	\$1,507,645	\$1,206,116	\$0	\$301,529	\$0
Total			\$3,501,461	\$2,801,169	\$199,381	\$500,911	\$0

Revision Date	4/10/2018				
Revision Details	Adjust project by splitting the required 20% match between state and local sources. This actions transfers \$52,294 for FY 2017 and \$147,087.50 for FY 2018 from local match to state match. No change in total cost or total programmed funds.				
Previous TIP No.					



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

ORIGINAL

TIP No.	17-2017-205	Revision No.	0	Mobility Plan No.	17-1009
TDOT PIN		STIP No.			
Project Name	KAT Implementation of ITS Technologies				
Lead Agency	KAT				
Total Project Cost	\$1,000,000				

Project Description	Technology upgrades including improved automated vehicle location (AVL), electronic passenger information systems, onboard WiFi, automated passenger counters, mobile fare payment, bus diagnostics, safety systems, traffic management and communication systems.				
Termini/Intersection	Knox County and Knoxville				
Counties	Knox				
City/Agency					
Length	0	(miles)	Conformity Status	Exempt	
Additional Details	These funds will be flexed to FTA.				

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2018	PUR	L-STBG	\$1,000,000	\$800,000	\$0	\$200,000	\$0
Total			\$1,000,000	\$800,000	\$0	\$200,000	\$0

Revision Date	4/26/2017
Revision Details	Added to the FY2017-2020 TIP to be consistent with Mobility Plan 2040
Previous TIP No.	



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

ADJUSTED

TIP No.	17-2017-205	Revision No.	1	Mobility Plan No.	17-1009	
TDOT PIN		STIP No.				
Project Name	KAT Implementation of ITS Technologies					
Lead Agency	KAT					
Total Project Cost	\$1,000,000					

Project Description	Technology upgrades including improved automated vehicle location (AVL), electronic passenger information systems, onboard WiFi, automated passenger counters, mobile fare payment, bus diagnostics, safety systems, traffic management and communication systems.				
Termini/Intersection	Knox County and Knoxville				
Counties	Knox				
City/Agency					
Length	0	(miles)	Conformity Status	Exempt	

Additional Details: These funds will be flexed to FTA.

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2018	PUR	L-STBG	\$1,000,000	\$800,000	\$100,000	\$100,000	\$0
Total			\$1,000,000	\$800,000	\$100,000	\$100,000	\$0

Revision Date	4/10/2018
Revision Details	Adjust project by splitting the required 20% match between state and local sources. This actions transfers \$100,000 for FY 2018 from local match to state match. No change in total cost or total programmed funds.
Previous TIP No.	



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

ORIGINAL

TIP No.	17-2017-208	Revision No.	1	Mobility Plan No.	17-1005	
TDOT PIN		STIP No.				
Project Name	KAT Purchase of ADA Paratransit Vans					
Lead Agency	KAT					
Total Project Cost	\$1,295,716					
Project Description	Purchase of ADA Paratransit Vans for fleet replacement or minor expansion					
Termini/Intersection	Knox County and Knoxville					
Counties	Knox					
City/Agency	City of Knoxville					
Length	0	(miles)	Conformity Status	Exempt		
Additional Details	These funds will be flexed to FTA					

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2017	PUR	L-STBG	\$900,000	\$720,000	\$90,000	\$90,000	\$0
2018	PUR	L-STBG	\$195,413	\$156,330	\$0	\$39,083	\$0
2019	PUR	L-STBG	\$200,303	\$160,242	\$0	\$40,061	\$0
Total			\$1,295,716	\$1,036,572	\$90,000	\$169,144	\$0

Revision Date	9/25/2017
Revision Details	Adjust project by splitting the required 20% match between state and local sources. This action transfers \$90,000 from local match to the state match. No change in total cost or total programmed funds.
Previous TIP No.	



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

ADJUSTED

TIP No.	17-2017-208	Revision No.	2	Mobility Plan No.	17-1005	
TDOT PIN		STIP No.				
Project Name	KAT Purchase of ADA Paratransit Vans					
Lead Agency	KAT					
Total Project Cost	\$1,295,716					

Project Description	Purchase of ADA Paratransit Vans for fleet replacement or minor expansion					
Termini/Intersection	Knox County and Knoxville					
Counties	Knox					
City/Agency	City of Knoxville					
Length	0	(miles)	Conformity Status	Exempt		

Additional Details	These funds will be flexed to FTA					
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Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2017	PUR	L-STBG	\$900,000	\$720,000	\$90,000	\$90,000	\$0
2018	PUR	L-STBG	\$195,414	\$156,330	\$19,542	\$19,542	\$0
2019	PUR	L-STBG	\$200,303	\$160,242	\$0	\$40,061	\$0
Total			\$1,295,717	\$1,036,572	\$109,542	\$149,603	\$0

Revision Date	4/10/2018
Revision Details	Adjust project by splitting required 20% match between state and local sources. This action transfers \$19,542 from local match to state match. No change in total cost or total programmed funds.
Previous TIP No.	



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	0.22
CMAQ	\$19,388,946	\$1,264,269	\$8,075,000	\$169,000	\$28,897,215	4.16
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.05
HPP	\$5,067,350	\$0	\$10,090,162	\$0	\$15,157,512	2.18
HSIP	\$4,585,888	\$4,467,360	\$3,467,360	\$3,467,360	\$15,987,968	2.30
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.09
LOCAL	\$36,500,000	\$8,070,000	\$250,000	\$0	\$44,820,000	6.45
L-STBG	\$52,822,305	\$16,917,276	\$12,778,672	\$12,075,586	\$94,593,839	13.61
L-STBG-TA	\$3,145,090	\$1,826,724	\$0	\$997,500	\$5,969,314	0.86
NHPP	\$182,596,884	\$128,819,631	\$6,676,577	\$43,976,577	\$362,069,669	52.08
PHSIP	\$3,101,500	\$1,101,500	\$601,500	\$601,500	\$5,406,000	0.78
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	2.27
RPHSIP	\$1,200,000	\$0	\$0	\$0	\$1,200,000	0.17
SECTION 5307	\$16,940,427	\$8,592,575	\$8,592,575	\$8,592,575	\$42,718,152	6.14
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.65
SECTION 5339	\$1,514,698	\$762,616	\$762,616	\$762,616	\$3,802,546	0.55
S-STBG	\$24,696,196	\$15,599,521	\$3,649,521	\$3,399,521	\$47,344,759	6.81
S-STBG-TA	\$3,282,876	\$0	\$0	\$0	\$3,282,876	0.47
STA	\$762,500	\$359,770	\$0	\$0	\$1,122,270	0.16
Total	\$370,350,207	\$194,258,693	\$55,749,372	\$74,847,624	\$695,205,896	100.00
Federal	\$267,219,946	\$148,371,263	\$45,708,623	\$59,606,026	\$520,905,858	74.93
State	\$48,812,256	\$33,825,677	\$5,832,500	\$12,224,468	\$100,694,901	14.48
Local	\$54,318,005	\$12,061,753	\$4,208,249	\$3,017,130	\$73,605,137	10.59
Other	\$0	\$0	\$0	\$0	\$0	0.00

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	0.22
CMAQ	\$19,388,946	\$1,264,269	\$8,075,000	\$169,000	\$28,897,215	4.16
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.05
HPP	\$5,067,350	\$0	\$10,090,162	\$0	\$15,157,512	2.18
HSIP	\$4,585,888	\$4,467,360	\$3,467,360	\$3,467,360	\$15,987,968	2.30
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.09
LOCAL	\$36,500,000	\$8,070,000	\$250,000	\$0	\$44,820,000	6.45
L-STBG	\$52,822,305	\$16,917,276	\$12,778,672	\$12,075,586	\$94,593,839	13.61
L-STBG-TA	\$3,145,090	\$1,826,724	\$0	\$997,500	\$5,969,314	0.86
NHPP	\$182,596,884	\$128,819,631	\$6,676,577	\$43,976,577	\$362,069,669	52.08
PHSIP	\$3,101,500	\$1,101,500	\$601,500	\$601,500	\$5,406,000	0.78
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	2.27
RPHSIP	\$1,200,000	\$0	\$0	\$0	\$1,200,000	0.17
SECTION 5307	\$16,940,427	\$8,592,575	\$8,592,575	\$8,592,575	\$42,718,152	6.14
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.65
SECTION 5339	\$1,514,698	\$762,616	\$762,616	\$762,616	\$3,802,546	0.55
S-STBG	\$24,696,196	\$15,599,521	\$3,649,521	\$3,399,521	\$47,344,759	6.81
S-STBG-TA	\$3,282,876	\$0	\$0	\$0	\$3,282,876	0.47
STA	\$762,500	\$359,770	\$0	\$0	\$1,122,270	0.16
Total	\$370,350,207	\$194,258,693	\$55,749,372	\$74,847,624	\$695,205,896	100.00
Federal	\$267,219,946	\$148,371,263	\$45,708,623	\$59,606,026	\$520,905,858	74.93
State	\$48,812,256	\$33,825,677	\$5,832,500	\$12,224,468	\$100,694,901	14.48
Local	\$54,318,005	\$12,061,753	\$4,208,249	\$3,017,130	\$73,605,137	10.59
Other	\$0	\$0	\$0	\$0	\$0	0.00

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	0.22
CMAQ	\$19,388,946	\$1,264,269	\$8,075,000	\$169,000	\$28,897,215	4.16
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.05
HPP	\$5,067,350	\$0	\$10,090,162	\$0	\$15,157,512	2.18
HSIP	\$4,585,888	\$4,467,360	\$3,467,360	\$3,467,360	\$15,987,968	2.30
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.09
LOCAL	\$36,500,000	\$8,070,000	\$250,000	\$0	\$44,820,000	6.45
L-STBG	\$52,822,305	\$16,917,277	\$12,778,672	\$12,075,586	\$94,593,840	13.61
L-STBG-TA	\$3,145,090	\$1,826,724	\$0	\$997,500	\$5,969,314	0.86
NHPP	\$182,596,884	\$128,819,631	\$6,676,577	\$43,976,577	\$362,069,669	52.08
PHSIP	\$3,101,500	\$1,101,500	\$601,500	\$601,500	\$5,406,000	0.78
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	2.27
RPHSIP	\$1,200,000	\$0	\$0	\$0	\$1,200,000	0.17
SECTION 5307	\$16,940,427	\$8,592,575	\$8,592,575	\$8,592,575	\$42,718,152	6.14
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.65
SECTION 5339	\$1,514,698	\$762,616	\$762,616	\$762,616	\$3,802,546	0.55
S-STBG	\$24,696,196	\$15,599,521	\$3,649,521	\$3,399,521	\$47,344,759	6.81
S-STBG-TA	\$3,282,876	\$0	\$0	\$0	\$3,282,876	0.47
STA	\$762,500	\$359,770	\$0	\$0	\$1,122,270	0.16
Total	\$370,350,207	\$194,258,694	\$55,749,372	\$74,847,624	\$695,205,897	100.00
Federal	\$267,219,946	\$148,371,263	\$45,708,623	\$59,606,026	\$520,905,858	74.93
State	\$48,864,550	\$34,092,306	\$5,832,500	\$12,224,468	\$101,013,824	14.53
Local	\$54,265,711	\$11,795,125	\$4,208,249	\$3,017,130	\$73,286,215	10.54
Other	\$0	\$0	\$0	\$0	\$0	0.00

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	0.22
CMAQ	\$19,388,946	\$1,264,269	\$8,075,000	\$169,000	\$28,897,215	4.16
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.05
HPP	\$5,067,350	\$0	\$10,090,162	\$0	\$15,157,512	2.18
HSIP	\$4,585,888	\$4,467,360	\$3,467,360	\$3,467,360	\$15,987,968	2.30
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.09
LOCAL	\$36,500,000	\$8,070,000	\$250,000	\$0	\$44,820,000	6.45
L-STBG	\$52,822,305	\$16,917,277	\$12,778,672	\$12,075,586	\$94,593,840	13.61
L-STBG-TA	\$3,145,090	\$1,826,724	\$0	\$997,500	\$5,969,314	0.86
NHPP	\$182,596,884	\$128,819,631	\$6,676,577	\$43,976,577	\$362,069,669	52.08
PHSIP	\$3,101,500	\$1,101,500	\$601,500	\$601,500	\$5,406,000	0.78
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	2.27
RPHSIP	\$1,200,000	\$0	\$0	\$0	\$1,200,000	0.17
SECTION 5307	\$16,940,427	\$8,592,575	\$8,592,575	\$8,592,575	\$42,718,152	6.14
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.65
SECTION 5339	\$1,514,698	\$762,616	\$762,616	\$762,616	\$3,802,546	0.55
S-STBG	\$24,696,196	\$15,599,521	\$3,649,521	\$3,399,521	\$47,344,759	6.81
S-STBG-TA	\$3,282,876	\$0	\$0	\$0	\$3,282,876	0.47
STA	\$762,500	\$359,770	\$0	\$0	\$1,122,270	0.16
Total	\$370,350,207	\$194,258,694	\$55,749,372	\$74,847,624	\$695,205,897	100.00
Federal	\$267,219,946	\$148,371,263	\$45,708,623	\$59,606,026	\$520,905,858	74.93
State	\$48,864,550	\$34,092,306	\$5,832,500	\$12,224,468	\$101,013,824	14.53
Local	\$54,265,711	\$11,795,125	\$4,208,249	\$3,017,130	\$73,286,215	10.54
Other	\$0	\$0	\$0	\$0	\$0	0.00

Please note: Financial tables run on 04/10/2018 and show no additional L-STBG funding in FY 2017 and FY 2018.