



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

April 4, 2018

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

SUBJECT: Amendment to projects 17-2017-046 (Oak Ridge Rails to Trails), 17-2017-305 (Transportation Alternatives Grouping), 17-2017-047 (Tazewell Pike Sidewalk), 17-2017-049 (South Waterfront Greenway - East of Suttree), 17-2017-308 (Bike and Pedestrian Grouping)

Dear TDOT,

The Knoxville Regional TPO recently initiated a "mid-stream" TIP Call for Projects focusing on low-cost and more easily implementable projects in an effort to more expediently deliver Regional transportation improvements and reduce unobligated L-STBG balance. The TPO requests concurrence by TDOT to amend the FY 2017-2020 TIP concerning the following projects:

Amendment 17-2017-046 (Oak Ridge Rails to Trails) - Amend the TIP by removing the project from the Transportation Alternatives grouping (17-2017-305) and making it an individual TIP project. Change the \$1,178,163 (\$942,530 federal/\$235,633 local) FY2017 LSTBG-TA to FY2019 L-STBG for ROW/CON. Add \$301,838 (\$241,470 federal/\$60,368 local) FY2018 LSTBG-TA for PE-N/PE-D.

Amendment 17-2017-305 (Transportation Alternatives Grouping) - Amend the TIP by adding funds and removing a project from the grouping (Oak Ridge Rails to Trails 17- 2017-046). Removing Oak Ridge Rails to Trails by reducing the FY2017 L-STBG-TA amount by \$1,178,163 (\$942,530 federal/\$235,633 local) and FY2018 L-STBG-TA amount by \$301,838 (\$241,470 federal/\$60,368). The \$50,000 (\$40,000 federal/\$10,000 local) previously obligated for Rails to Trails will remain in the grouping. Add \$100,000 (\$80,000 federal/\$20,000 local) L-STBG-TA to FY2018 to Duck Pond Walking and Bike Path in FY2018. Add \$160,738 (\$128,950 federal/\$32,148 local) L-STBG-TA to FY2018 to First Creek Greenway - Edgewood Park. Remove funding from FY2019 and FY2020 as this funding is programmed to stand alone projects in the TIP.

Amendment 17-2017-047 (Tazewell Pike Sidewalk) - Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$997,500 (\$798,000 federal/\$199,500 local) FY2020 L-STBG to FY2020 L-STBG-TA for PE-N/PE-D/ROW/CON.

Amendment 17-2017-049 (South Waterfront Greenway - East of Suttree) - Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG to FY2018 L-STBG-TA for PE-N/PE-D.

Amendment 17-2017-308 (Bike and Pedestrian Grouping) - Amend the TIP by removing projects (Tazewell Pike Sidewalk 17-2017-047; South Waterfront Greenway - East of Suttree 17-2017-049) from the grouping. Removing Tazewell Pike Sidewalk reduces the grouping by \$997,500 (\$798,000 federal/\$199,500 local) in FY2020 L-STBG. Removing South Waterfront Greenway - East of Suttree reduces the grouping by \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG.

These amendments have been incorporated into our FY 2017-2020 TIP. The project pages, 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 Mike Conger at (865) 215-3813.

Sincerely,



Mike Conger
Senior Transportation Engineer

Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2017-2020

NEW

TIP No.	17-2017-046	Revision No.	0	Mobility Plan No.	13-830	
TDOT PIN	125624.00	STIP No.				
Project Name	Oak Ridge Rails to Trails					
Lead Agency	City of Oak Ridge					
Total Project Cost	\$3,280,646					

Project Description	Construct new shared use "rails-to-trails" path along an abandoned rail line through the City of Oak Ridge.				
Termini/Intersection	Melton Lake Rd/ Greenway to Scarboro Rd				
Counties	Anderson				
City/Agency	City of Oak Ridge				
Length	4.5	(miles)	Conformity Status	Exempt	

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2018	PE-N/PE-D	L-STBG-TA	\$301,838	\$241,470	\$0	\$60,368	\$0
2019	ROW/CON	L-STBG	\$1,178,163	\$942,530	\$0	\$235,633	\$0
Total			\$1,480,001	\$1,184,000	\$0	\$296,001	\$0

Revision Date	3/28/2018
Revision Details	Amend the TIP by removing the project from the Transportation Alternatives grouping (17-2017-305) and making it an individual TIP project. Change the \$1,178,163 (\$942,530 federal/\$235,633 local) FY2017 L-STBG-TA to FY2019 L-STBG for ROW/CON. Add \$301,838 (\$241,470 federal/\$60,368 local) FY2018 L-STBG-TA for PE-N/PE-D.
Previous TIP No.	<input style="width: 500px; height: 20px;" type="text"/>



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

TIP No.	17-2017-305	Revision No.	4	Mobility Plan No.	Consistent with Mobility Plan Goal 2
TDOT PIN		STIP No.			
Project Name	STBG Transportation Alternatives (STBG-TA) Grouping				
Lead Agency	Various				
Total Project Cost	\$6,393,995				

Project Description	This grouping will be used to fund the STBG - transportation alternatives projects, which provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, and environmental mitigation; recreational trail program projects; and projects for the planning, design or construction of boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways under the FAST Act.				
Termini/Intersection					
Counties	TPO Area				
City/Agency					
Length		(miles)	Conformity Status	Exempt	

Additional Details					
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Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2017	CON	S-STBG-TA	\$1,644,401	\$1,315,521	\$0	\$328,880	\$0
2017	PE-N/PE-D/RW/CN	L-STBG-TA	\$2,485,786	\$1,988,628	\$0	\$497,158	\$0
2018	PE-N/PE-D/RW/CN	L-STBG-TA	\$351,838	\$281,470	\$0	\$70,368	\$0
2019	PE-N/PE-D/RW/CN	L-STBG-TA	\$955,985	\$764,788	\$0	\$191,197	\$0
2020	PE-N/PE-D/RW/CN	L-STBG-TA	\$955,985	\$764,788	\$0	\$191,197	\$0
Total			\$6,393,995	\$5,115,195	\$0	\$1,278,800	\$0

Revision Date	10/9/2017
Revision Details	Adjust grouping by removing Alcoa Sidewalk/Greenway Extension from grouping. This project will be completed with local funds. By removing this project, S-STBG-TA in FY2017 will be reduced by \$901,515 (\$721,212 federal/\$180,303 local).
Previous TIP No.	

Grantee	Project Name	Fund Type	FY	Federal Funds
City of Oak Ridge	Rails to Trails	L-TAP	2017	\$942,530
City of Oak Ridge	Rails to Trails	L-TAP	2018	\$281,470
City of Knoxville	First Creek Greenway--Edgewood Park and Environs	L-TAP	2017	\$280,000
City of Knoxville	Second Creek Greenway	L-TAP	2017	\$766,098
City of Alcoa	Duck Pond Walking and Bike Path	S-TAP	2017	\$1,315,521

Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2017-2020

AMENDED

TIP No.	17-2017-305	Revision No.	5	Mobility Plan No.	Consistent with Mobility Plan Goal 2
TDOT PIN		STIP No.			
Project Name	STBG Transportation Alternatives (STBG-TA) Grouping				
Lead Agency	Various				
Total Project Cost	\$3,262,762				

Project Description This grouping will be used to fund the STBG - transportation alternatives projects, which provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, and environmental mitigation; recreational trail program projects; and projects for the planning, design or construction of boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways under the FAST Act.

Termini/Intersection

Counties TPO Area

City/Agency

Length (miles) **Conformity Status** Exempt

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2017	CON	S-STBG-TA	\$1,644,401	\$1,315,521	\$0	\$328,880	\$0
2017	PE-N/PE-D/RW/CN	L-STBG-TA	\$1,307,623	\$1,046,098	\$0	\$261,525	\$0
2018	PE-N/PE-D/RW/CN	L-STBG-TA	\$310,738	\$248,590	\$0	\$62,148	\$0
Total			\$3,262,762	\$2,610,209	\$0	\$652,553	\$0

Revision Date 3/28/2018

Revision Details Amend the TIP by adding funds and removing a project from the grouping (Oak Ridge Rails to Trails 17-2017-046). Removing Oak Ridge Rails to Trails by reducing the FY2017 L-STBG-TA amount by \$1,178,163 (\$942,530 federal/\$235,633 local) and FY2018 L-STBG-TA amount by \$301,838 (\$241,470 federal/\$60,368). The \$50,000 (\$40,000 federal/\$10,000 local) previously obligated for Rails to Trails will remain in the grouping. Add \$100,000 (\$80,000 federal/\$20,000 local) L-STBG-TA to FY2018 to Duck Pond Walking and Bike Path in FY2018. Add \$160,738 (\$128,950 federal/\$32,148 local) L-STBG-TA to FY2018 to First Creek Greenway - Edgewood Park. Remove funding from FY2019 and FY2020 as this funding is programmed to stand alone projects in the TIP.

Previous TIP No.

Grantee	Project Name	Fund Type	FY	Federal Funds
City of Knoxville	First Creek Greenway--Edgewood Park and Environs	L-TAP	2017	\$280,000
City of Knoxville	First Creek Greenway--Edgewood Park and Environs	L-TAP	2018	\$128,590
City of Oak Ridge	Rails to Trails	L-TAP	2017	\$40,000
City of Knoxville	Second Creek Greenway	L-TAP	2017	\$766,098
City of Alcoa	Duck Pond Walking and Bike Path	S-TAP	2017	\$1,315,521
City of Alcoa	Duck Pond Walking and Bike Path	L-TAP	2018	\$80,000

Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2017-2020 NEW

TIP No.	17-2017-047	Revision No.	0	Mobility Plan No.	17-910
TDOT PIN		STIP No.			
Project Name	Tazewell Pike Sidewalk				
Lead Agency	City of Knoxville				
Total Project Cost	\$997,500				

Project Description	Construct sidewalk along Tazewell Pike from Old Broadway to Jacksboro Pike.				
Termini/Intersection	Old Broadway to Jacksboro Pk				
Counties	Knox				
City/Agency	City of Knoxville				
Length	0.6	(miles)	Conformity Status	Exempt	

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	PE-N/PE-D/RW/CN	L-STBG-TA	\$997,500	\$798,000	\$0	\$199,500	\$0
Total			\$997,500	\$798,000	\$0	\$199,500	\$0

Revision Date	3/28/2018
Revision Details	Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$997,500 (\$798,000 federal/\$199,500 local) FY2020 L-STBG to FY2020 L-STBG-TA for PE-N/PE-D/ROW/CON.
Previous TIP No.	<input style="width: 500px; height: 15px;" type="text"/>



Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2017-2020 NEW

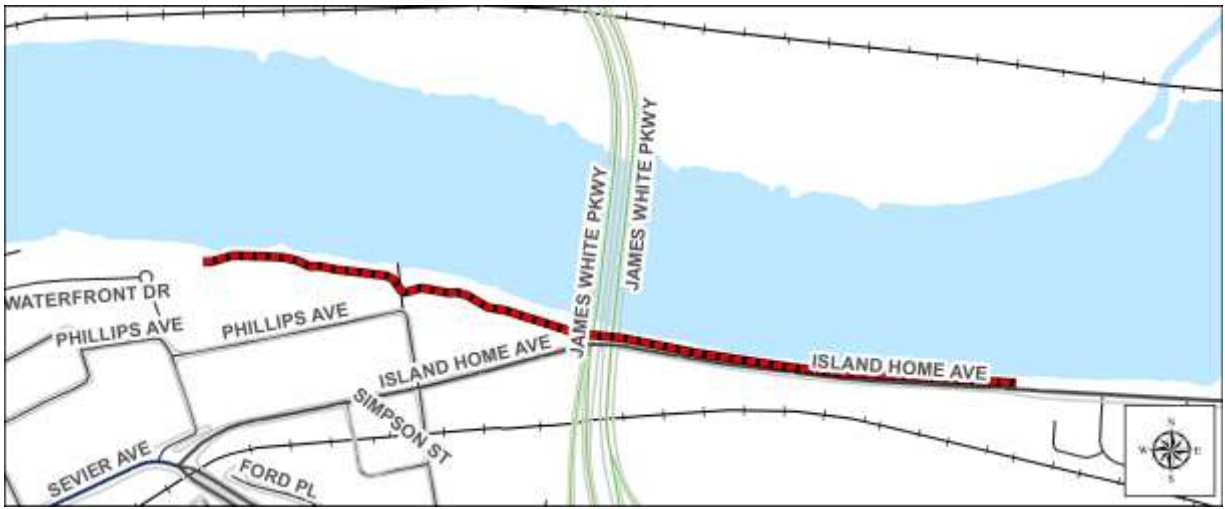
TIP No.	17-2017-049	Revision No.	0	Mobility Plan No.	17-850
TDOT PIN		STIP No.			
Project Name	South Waterfront Greenway - East of Suttree				
Lead Agency	City of Knoxville				
Total Project Cost	\$5,389,633				

Project Description	Construct riverwalk trail connecting the 0.10 mile section of cantilevered riverwalk along Island Home Avenue, to Suttree Landing Park riverwalk that is just east of Foggy Bottom Street along the Tennessee River.				
Termini/Intersection	Suttree Landing Park to Island Home Avenue Riverwalk				
Counties	Knox				
City/Agency	City of Knoxville				
Length	0.6	(miles)	Conformity Status	Exempt	
Additional Details					

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2018	PE-N/PE-D	L-STBG-TA	\$460,000	\$368,000	\$0	\$92,000	\$0
Total			\$460,000	\$368,000	\$0	\$92,000	\$0

Revision Date	3/28/2018
Revision Details	Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG to FY2018 L-STBG-TA for PE-N/PE-D.
Previous TIP No.	



Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2017-2020 ORIGINAL

TIP No.	17-2017-308	Revision No.	0	Mobility Plan No.	Consistent with Mobility Plan Goal 2
TDOT PIN		STIP No.			
Project Name	Bike and Pedestrian Grouping				
Lead Agency	Various				
Total Project Cost	\$3,182,500				

Project Description	This grouping will be used to fund greenways, sidewalks, bicycle facilities and amenities, streetscaping, etc. throughout the Knoxville TPO area.				
Termini/Intersection					
Counties	TPO Area				
City/Agency					
Length		(miles)	Conformity Status	Exempt	
Additional Details					

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2018	PE-N/PE-D/RW/CN	L-STBG	\$1,100,000	\$880,000	\$0	\$220,000	\$0
2019	PE-N/PE-D/RW/CN	L-STBG	\$625,000	\$500,000	\$0	\$125,000	\$0
2020	PE-N/PE-D/RW/CN	L-STBG	\$1,457,500	\$1,166,000	\$0	\$291,500	\$0
Total			\$3,182,500	\$2,546,000	\$0	\$636,500	\$0

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

Project Description	Fund Type	FY	Phase	Federal Funds
Tyson Fort Sanders Bike Connection	L-STBG	2019	PE-N/PE-D	\$500,000
South Waterfront Greenway - East of Suttree	L-STBG	2020	PE-N/PE-D	\$368,000
Atlantic Avenue Sidewalk	L-STBG	2018	PE-N/PE-D/ROW/CON	\$880,000
Tazewell Pike Sidewalk	L-STBG	2020	PE-N/PE-D/ROW/CON	\$798,000

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

TIP No.	17-2017-308	Revision No.	1	Mobility Plan No.	Consistent with Mobility Plan Goal 2
TDOT PIN		STIP No.			
Project Name	Bike and Pedestrian Grouping				
Lead Agency	Various				
Total Project Cost	\$1,725,000				

Project Description	This grouping will be used to fund greenways, sidewalks, bicycle facilities and amenities, streetscaping, etc. throughout the Knoxville TPO area.				
Termini/Intersection					
Counties	TPO Area				
City/Agency					
Length		(miles)	Conformity Status	Exempt	

Additional Details					
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Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2018	PE-N/PE-D/RW/CN	L-STBG	\$1,100,000	\$880,000	\$0	\$220,000	\$0
2019	PE-N/PE-D/RW/CN	L-STBG	\$625,000	\$500,000	\$0	\$125,000	\$0
Total			\$1,725,000	\$1,380,000	\$0	\$345,000	\$0

Revision Date	3/28/2018
Revision Details	Amend the TIP by removing projects (Tazewell Pike Sidewalk 17-2017-047; South Waterfront Greenway - East of Suttree 17-2017-049) from the grouping. Removing Tazewell Pike Sidewalk reduces the grouping by \$997,500 (\$798,000 federal/\$199,500 local) in FY2020 L-STBG. Removing South Waterfront Greenway - East of Suttree reduces the grouping by \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG.
Previous TIP No.	

Project Description	Fund Type	FY	Phase	Federal Funds
Tyson Fort Sanders Bike Connection	L-STBG	2019	PE-N/PE-D	\$500,000
Atlantic Avenue Sidewalk	L-STBG	2018	PE-N/PE-D/ROW/CON	\$880,000

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	0.23
CMAQ	\$19,388,946	\$1,264,269	\$8,075,000	\$169,000	\$28,897,215	4.17
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.05
HPP	\$5,067,350	\$0	\$10,090,162	\$0	\$15,157,512	2.19
HSIP	\$4,585,888	\$3,467,360	\$3,467,360	\$3,467,360	\$14,987,968	2.16
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.09
LOCAL	\$36,500,000	\$8,070,000	\$250,000	\$0	\$44,820,000	6.47
L-STBG	\$52,822,305	\$16,917,276	\$11,600,509	\$13,533,086	\$94,638,696	13.66
L-STBG-TA	\$4,273,253	\$1,155,986	\$955,985	\$955,985	\$7,341,209	1.06
NHPP	\$182,596,884	\$128,819,631	\$6,676,577	\$43,976,577	\$362,069,669	52.28
PHSIP	\$3,101,500	\$601,500	\$601,500	\$601,500	\$4,906,000	0.71
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	2.28
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	6.17
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.66
SECTION 5339	\$1,514,698	\$762,616	\$762,616	\$762,616	\$3,802,546	0.55
S-STBG	\$24,696,196	\$13,099,521	\$3,649,521	\$3,399,521	\$44,844,759	6.47
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	\$371,478,370	\$189,587,955	\$55,527,194	\$76,029,129	\$692,622,648	100.00
Federal	\$268,122,476	\$144,434,673	\$45,530,881	\$60,551,230	\$518,639,260	74.88
State	\$48,812,256	\$33,225,677	\$5,832,500	\$12,224,468	\$100,094,901	14.45
Local	\$54,543,638	\$11,927,605	\$4,163,813	\$3,253,431	\$73,888,487	10.67
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	0.23
CMAQ	\$19,388,946	\$1,264,269	\$8,075,000	\$169,000	\$28,897,215	4.17
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.05
HPP	\$5,067,350	\$0	\$10,090,162	\$0	\$15,157,512	2.19
HSIP	\$4,585,888	\$3,467,360	\$3,467,360	\$3,467,360	\$14,987,968	2.16
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.09
LOCAL	\$36,500,000	\$8,070,000	\$250,000	\$0	\$44,820,000	6.47
L-STBG	\$52,822,305	\$16,917,276	\$11,600,509	\$13,533,086	\$94,638,696	13.66
L-STBG-TA	\$4,273,253	\$1,155,986	\$955,985	\$955,985	\$7,341,209	1.06
NHPP	\$182,596,884	\$128,819,631	\$6,676,577	\$43,976,577	\$362,069,669	52.28
PHSIP	\$3,101,500	\$601,500	\$601,500	\$601,500	\$4,906,000	0.71
RNHPP	\$11,566,043	\$4,236,062	\$0	\$0	\$15,802,105	2.28
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	6.17
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.66
SECTION 5339	\$1,514,698	\$762,616	\$762,616	\$762,616	\$3,802,546	0.55
S-STBG	\$24,696,196	\$13,099,521	\$3,649,521	\$3,399,521	\$44,844,759	6.47
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	\$371,478,370	\$189,587,955	\$55,527,194	\$76,029,129	\$692,622,648	100.00
Federal	\$268,122,476	\$144,434,673	\$45,530,881	\$60,551,230	\$518,639,260	74.88
State	\$48,812,256	\$33,225,677	\$5,832,500	\$12,224,468	\$100,094,901	14.45
Local	\$54,543,638	\$11,927,605	\$4,163,813	\$3,253,431	\$73,888,487	10.67
Other	\$0	\$0	\$0	\$0	\$0	0.00

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	0.23
CMAQ	\$19,388,946	\$1,264,269	\$8,075,000	\$169,000	\$28,897,215	4.18
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.05
HPP	\$5,067,350	\$0	\$10,090,162	\$0	\$15,157,512	2.19
HSIP	\$4,585,888	\$3,467,360	\$3,467,360	\$3,467,360	\$14,987,968	2.17
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.09
LOCAL	\$36,500,000	\$8,070,000	\$250,000	\$0	\$44,820,000	6.48
L-STBG	\$52,822,305	\$16,917,276	\$12,778,672	\$12,075,586	\$94,593,839	13.68
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	52.34
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	2.28
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	6.18
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.66
SECTION 5339	\$1,514,698	\$762,616	\$762,616	\$762,616	\$3,802,546	0.55
S-STBG	\$24,696,196	\$13,099,521	\$3,649,521	\$3,399,521	\$44,844,759	6.48
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	\$190,758,693	\$55,749,372	\$74,847,624	\$691,705,896	100.00
Federal	\$267,219,946	\$145,471,263	\$45,708,623	\$59,606,026	\$518,005,858	74.89
State	\$48,812,256	\$33,225,677	\$5,832,500	\$12,224,468	\$100,094,901	14.47
Local	\$54,318,005	\$12,061,753	\$4,208,249	\$3,017,130	\$73,605,137	10.64
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	0.23
CMAQ	\$19,388,946	\$1,264,269	\$8,075,000	\$169,000	\$28,897,215	4.18
EN	\$0	\$326,000	\$0	\$0	\$326,000	0.05
HPP	\$5,067,350	\$0	\$10,090,162	\$0	\$15,157,512	2.19
HSIP	\$4,585,888	\$3,467,360	\$3,467,360	\$3,467,360	\$14,987,968	2.17
LIC	\$602,500	\$0	\$0	\$0	\$602,500	0.09
LOCAL	\$36,500,000	\$8,070,000	\$250,000	\$0	\$44,820,000	6.48
L-STBG	\$52,822,305	\$16,917,276	\$12,778,672	\$12,075,586	\$94,593,839	13.68
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	52.34
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	2.28
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	6.18
SECTION 5310	\$2,127,004	\$805,389	\$805,389	\$805,389	\$4,543,171	0.66
SECTION 5339	\$1,514,698	\$762,616	\$762,616	\$762,616	\$3,802,546	0.55
S-STBG	\$24,696,196	\$13,099,521	\$3,649,521	\$3,399,521	\$44,844,759	6.48
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	\$190,758,693	\$55,749,372	\$74,847,624	\$691,705,896	100.00
Federal	\$267,219,946	\$145,471,263	\$45,708,623	\$59,606,026	\$518,005,858	74.89
State	\$48,812,256	\$33,225,677	\$5,832,500	\$12,224,468	\$100,094,901	14.47
Local	\$54,318,005	\$12,061,753	\$4,208,249	\$3,017,130	\$73,605,137	10.64
Other	\$0	\$0	\$0	\$0	\$0	0.00

Note: Financial tables run on March 6, 2018 and reflect the following changes: addition of \$1,178,163 FY2019 L-STBG, reduction of \$1,457,500 FY2020 L-STBG, reduction of \$1,178,163 FY2017 L-STBG-TA, addition of \$720,738 FY2018 L-STBG-TA, reduction of \$955,985 FY2019 L-STBG-TA, and addition of \$41,515 FY2020 L-STBG-TA.



**TRANSPORTATION IMPROVEMENT PROGRAM
Transportation Conformity Summary Report**

Project Amendment(s):

On March 28, 2018, the Knoxville Regional TPO Executive Board voted to approve the following amendments to the Knoxville Regional FY 2017– 2020 Transportation Improvement Program (TIP)

TIP #	LRTP #	Project Name	Conformity Status
17-2017-210	Consistent w/ Mobility Plan	KAT Bus Engine Overhauls	Exempt
17-2017-207	17-1010	Purchase KAT Vehicles - Neighborhood Service Buses	Exempt
17-2017-211	Consistent w/ Mobility Plan	Purchase Transit Passenger Amenities	Exempt
17-2017-212	Consistent w/ Mobility Plan	Knox CAC Transit Capital (Radio) Project	Exempt
17-2017-041	Consistent w/ Mobility Plan	I-75 Exit 81 Interchange Lighting Enhancement	Exempt
17-2017-042	09-223	Carpenters Grade Road Widening and Intersection Improvements	Exempt
17-2017-043	Consistent w/ Mobility Plan	SR 61 at SR 62 Intersection at Winter Gap	Exempt
17-2017-044	Consistent w/ Mobility Plan	Boyd's Creek Highway (SR 338) at Old Knoxville Highway Intersection Improvements	Exempt
17-2017-007	17-201	Amerine Rd Improvements	Exempt
17-2017-045	Consistent w/ Mobility Plan	Kingston Pike at Watt Road Intersection Improvements	Exempt
17-2017-046	13-830	Oak Ridge Rails to Trails	Exempt
17-2017-305	Consistent w/ Mobility Plan	Transportation Alternatives Grouping	Exempt
17-2017-308	Consistent w/ Mobility Plan	Bike and Pedestrian Grouping	Exempt
17-2017-047	17-910	Tazewell Pike Sidewalk	Exempt
17-2017-049	17-850	South Waterfront Greenway - East of Suttree	Exempt
17-2017-048	Consistent w/ Mobility Plan	Blount County Greenway Trail - Phase 1	Exempt

Air Quality Conformity Status:

These amendments do not trigger the need for a conformity determination because these actions are exempt from conformity per 40 CFR 93.126 or are not subject to conformity.

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 these projects and air quality conformity determination is included.

Public Participation:

Public participation processes were in accordance with the Knoxville TPO's federally approved Public Participation Plan. Two public hearings were held on March 13, 2018 at the TPO Technical Committee Meeting, followed by March 28, 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 March 8, 2018 regarding the conformity exempt status of the amendments. There was agreement from the group regarding the Knoxville TPO staff's exempt assessment of these projects based on IAC correspondence. The required 14-day IAC review period was from March 8, 2018 to March 23, 2018. IAC email correspondence regarding the amendments 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:

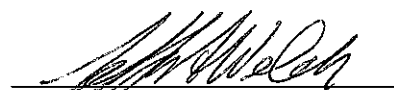
- I. 23 U.S.C. 134, 49 U.S.C. Section 5303 (Highway and Transit);
- II. In non-attainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended 942 U.S.C 7504 and 7506 (c) and (d) and 40 CFR part 93;
- III. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C 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

**A RESOLUTION BY THE EXECUTIVE BOARD
OF THE KNOXVILLE REGIONAL
TRANSPORTATION PLANNING ORGANIZATION
AMENDING THE FY 2017-2020 TRANSPORTATION
IMPROVEMENT PROGRAM**

WHEREAS, the FY 2017-2020 Knoxville Regional Transportation Improvement Program was adopted on October 26, 2016; and

WHEREAS, in accordance with requirements of the U.S. Department of Transportation, the elements of the transportation planning process are to receive final approval from the Executive Board of the local Metropolitan Planning Organization; and

WHEREAS, the Transportation Improvement Program must be updated as needed; and

WHEREAS, the proposed project amendments were reviewed with the Knoxville-Area Air Quality Interagency Consultation Group with respect to air quality conformity requirements and are either exempt from, or were demonstrated to conform with the federal transportation air quality conformity regulations from the Clean Air Act; and

WHEREAS, the Knoxville Regional Transportation Planning Organization Technical Committee recommends approval of the Resolution, and

NOW, THEREFORE, BE IT RESOLVED BY THE KNOXVILLE REGIONAL TRANSPORTATION PLANNING ORGANIZATION EXECUTIVE BOARD;

That the FY 2017-2020 Transportation Improvement Program be amended to include the following changes and that the Tennessee Department of Transportation include these amendments into the State Transportation Improvement Program:

Attachment #2A - Amendment 17-2017-207 (Purchase KAT Vehicles - Neighborhood Service Buses) - Amend project by adding \$113,800 (\$91,040 federal/\$22,760 local) L-STBG to FY2018.

Attachment #2B - Amendment 17-2017-210 (KAT Bus Engine Overhauls) – Amend the TIP by adding this project. The project has \$250,000 (\$200,000 federal/\$50,000) of L-STBG programmed to FY2018 to overhaul bus engines. An engine “overhaul” is a mid-life action on a major component that enables an asset to achieve its useful life and is an FTA-eligible activity under Circular 5010.1E.

Attachment #2C - Amendment 17-2017-211 (Purchase Transit Passenger Amenities) - Amend the TIP by adding this project. The project has \$335,000 (\$268,000 federal/\$67,000) of L-STBG programmed to FY2018 to purchase and install passenger amenities (e.g., bus shelters, shelter pads, lighting, etc.) along transit routes.

Attachment #2D - Amendment 17-2017-212 (Knox CAC Transit Capital (Radio) Project) - Amend the TIP by adding this project. The project has \$248,500 (\$198,800 federal/\$49,700 local) of L-STBG programmed to FY2018 to replace 30 year old two-way radio communication system.

Attachment #2E - Amendment 17-2017-041 (I-75 Exit 81 Interchange Lighting Enhancement) - Amend the TIP by adding this project. The project has \$359,770 State funds in FY2018 and \$359,770 (\$287,816 federal/\$71,954 local) of L-STBG in FY2018. The project includes adding high mast lighting to Interstate 75 at Exit 81 to improve safety conditions at night and during fog events.

Attachment #2F - Amendment 17-2017-042 (Carpenters Grade Road Widening and Intersection Improvements) - Amend the TIP by adding this project. The project has \$232,900 (\$186,320 federal/\$46,580 local) of L-STBG in FY2018 for PE-N/PE-D and \$234,480 (\$187,584 federal/\$46,896 local) of L-STBG in FY2020 for ROW. The project includes reconstructing a two-lane road with addition of turn lanes and sidewalk. Construct roundabout at Peterson Ln, Cochran Rd and Raulston Rd intersection.

Attachment #2G - Amendment 17-2017-043 (SR 61 at SR 62 Intersection at Winter Gap) - Amend the TIP by adding this project. The project has \$15,000 (\$12,000 federal/\$3,000 local) of L-STBG in FY2018 for PE-N/PE-D and \$210,000 (\$168,000 federal/\$42,000 local) of L-STBG in FY2019 for CON. The project includes replacing outdated traffic signal equipment with modern equipment and either radar or video detection to avoid the problems with in pavement detection loops that are subject to breaking.

Attachment #2H - Amendment 17-2017-044 (Boys Creek Highway (SR 338) at Old Knoxville Highway Intersection Improvements) - Amend the TIP by adding this project. The project has \$75,000 (\$60,000 federal/\$15,000 local) of L-STBG in FY2018 for PE-N/PE-D and \$210,000 (\$168,000 federal/\$42,000 local) of L-STBG in FY2020 for ROW. The project includes reconfiguring the intersection to improve safety and operations through geometric layout changes, addition of turn lanes, and installation of a new traffic signal.

Attachment #2I - Amendment 17-2017-007 (Amerine Road) - Amend the TIP by removing this project. Project is being removed from the TIP at the request of the City of Maryville.

Attachment #2J - Amendment 17-2017-045 (Kingston Pike at Watt Road Intersection Improvements) - Amend the TIP by adding this project. The project has a few funding sources which include: \$35,000 (\$28,000 federal/\$7,000 local) FY2018 L-STBG for PE-N/PE-D, \$60,000 (\$48,000 federal/\$12,000 local) FY2018 L-STBG for ROW, \$250,000 in FY2019 Local funds for CON, \$275,000 (\$220,000 federal/\$55,000 local) FY2019 L-STBG for CON, and \$250,000 (\$200,000 federal/\$50,000 local) FY2019 S-STBG for CON. The project includes intersection improvements at the intersection of Kingston Pike (US 11/70) at Watt Road.

Attachment #2K - Amendment 17-2017-048 (Blount County Greenway Trail - Phase 1) - Amend the TIP by adding this project. The project has \$200,000 (\$160,000 federal/\$40,000 local) of L-STBG-TA in FY2018 for PE-N/PE-D. The project is to construct a greenway trail contained completely within US Highway 321 right-of-way from Heritage High School to Perry's Mill Parking area. It will also include additional bike access link to Old Walland Highway across Melrose Station Bridge.

Attachment #2L - Amendment 17-2017-046 (Oak Ridge Rails to Trails) - Amend the TIP by removing the project from the Transportation Alternatives grouping (17-2017-305) and making it an individual TIP project. Change the \$1,178,163 (\$942,530 federal/\$235,633 local) FY2017 L-STBG-TA to FY2019 L-STBG for ROW/CON.

Attachment #2M - Amendment 17-2017-305 (Transportation Alternatives Grouping) - Amend the TIP by adding funds and removing a project from the grouping (Oak Ridge Rails to Trails 17-2017-046). Removing Oak Ridge Rails to Trails by reducing the FY2017 L-STBG-TA amount by \$1,178,163 (\$942,530 federal/\$235,633 local). Add \$100,000 (\$80,000 federal/\$20,000 local) L-STBG-TA to FY2018 to Duck Pond Walking and Bike Path in FY2018. Add \$161,188 (\$128,950 federal/\$32,238 local) L-STBG-TA to FY2018 to First Creek Greenway - Edgewood Park. Remove funding from FY2019 and FY2020 as this funding is programmed to stand alone projects in the TIP.

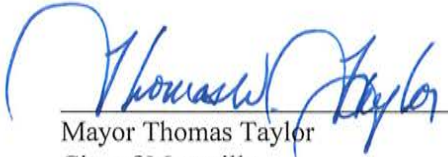
Attachment #2N - Amendment 17-2017-047 (Tazewell Pike Sidewalk) - Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$997,500 (\$798,000 federal/\$199,500 local) FY2020 L-STBG to FY2020 L-STBG-TA for PE-N/PE-D/ROW/CON.

Attachment #2O - Amendment 17-2017-049 (South Waterfront Greenway - East of Suttree) - Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG to FY2018 L-STBG-TA for PE-N/PE-D.

Attachment #2P - Amendment 17-2017-308 (Bike and Pedestrian Grouping) - Amend the TIP by removing projects (Tazewell Pike Sidewalk 17-2017-047; South Waterfront Greenway - East of Suttree 17-2017-049) from the grouping. Removing Tazewell Pike Sidewalk reduces the grouping by \$997,500 (\$798,000 federal/\$199,500 local) in FY2020 L-STBG. Removing South Waterfront Greenway - East of Suttree reduces the grouping by \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG.

March 28, 2018

Date



Mayor Thomas Taylor
City of Maryville
TPO Executive Board Chair



Jeffrey A. Welch, AICP
Director
Knoxville Regional TPO



Mike Conger <mike.conger@knoxmpc.org>

IAC Review of of Knoxville TPO March 2018 TIP Amendments

1 message

Mike Conger <mike.conger@knoxtrans.org>

Thu, Mar 8, 2018 at 4:14 PM

To: Holly.Peterson@dot.gov, Stanley.A.Mitchell@dot.gov, Alan Jones <alan.jones@tn.gov>, "Andres Ramirez (FTA)" <andres.ramirez@dot.gov>, Brian Rivera <brivera@aqm.co.knox.tn.us>, Coby Webster <cwebster@aqm.co.knox.tn.us>, Darlene Reiter <darlene.reiter@tn.gov>, Deborah Fleming <deborah.fleming@tn.gov>, Dianna Myers <myers.dianna@epa.gov>, Egide Louis <louis.egide@epa.gov>, Elizabeth Watkins <elizabeth.watkins@knoxtrans.org>, Greg Riggs <Greg.Riggs@tn.gov>, Jeff Welch <jeff.welch@knoxtrans.org>, Jim Renfro <jim_renfro@nps.gov>, Katherine Walther <Walther.Katherine@epa.gov>, "Lynne A. Liddington" <lalidding@aqm.co.knox.tn.us>, Lynorae Benjamin <benjamin.lynorae@epamail.epa.gov>, Marc Corrigan <marc.corrigan@tn.gov>, Mike Conger <mike.conger@knoxtrans.org>, Rashad Pinckney <rashad.pinckney@tn.gov>, Rich D <richd@mymorristown.com>, Richard Monteith <Monteith.Richard@epa.gov>, Richard Wong <wong.richard@epa.gov>, Robert Hayzlett <Robert.Hayzlett@tn.gov>, Ronnie Porter <ronnie.porter@tn.gov>, "Sean Santalla (FHWA)" <sean.santalla@dot.gov>, "Sheckler.Kelly@epa.gov" <sheckler.kelly@epa.gov>, Teresa Cantrell <teresa_cantrell@nps.gov>, Theresa Claxton <theresa.claxton@dot.gov>, Tom Doherty <thomas.doherty@tn.gov>, Trey Joiner <jerome.joiner@tn.gov>

Knoxville IAC Members,

The Knoxville Regional TPO Executive Board will be hearing sixteen (16) amendments to the FY 2017-2020 TIP at their March 28, 2018 meeting. I realize that this is an extremely large number of project changes and I apologize for the lengthy email and associated material to review. As background, the TPO staff initiated a "mid-stream" TIP Call for Projects to focus on soliciting primarily low-cost and more easily implementable project types as a way to more expediently deliver transportation improvements in our Region. The call for projects resulted in eleven project applications reflected in the below amendments and also necessitated some shifting of existing projects and project groupings for financial management purposes to arrive at the 16 total amendments. Following are brief descriptions of each amendment and attached are separate pdf files of the TIP profile pages for each with additional information including financial constraint.

1) Amendment 17-2017-207 (Purchase KA T Vehicles - Neighborhood Service Buses) - Amend project by adding \$113,800 (\$91,040 federal/\$22,760 local) L-STBG to FY2018. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Mass Transit) as it replacing existing vehicles in the fleet.

2) Amendment 17-2017-210 (KA T Bus Engine Overhauls) - Amend the TIP by adding this project. The project has \$250,000 (\$200,000 federal/\$50,000) of L-STBG programmed to FY2018 to overhaul bus engines. An engine "overhaul" is a mid-life action on a major component that enables an asset to achieve its useful life and is an FTA-eligible activity under Circular 5010.1E. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Mass Transit) as it rehabilitating transit vehicles.

3) Amendment 17-2017-211 (Purchase T ransit Passenger Amenities) - Amend the TIP by adding this project. The project has \$335,000 (\$268,000 federal/\$67,000) of L-STBG programmed to FY2018 to purchase and install passenger amenities (e.g., bus shelters, shelter pads, lighting, etc.) along transit routes. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Mass Transit) as it involves construction of small passenger shelters.

4) Amendment 17-2017-212 (Knox CAC T ransit Capital (Radio) Project) - Amend the TIP by adding this project. The project has \$248,500 (\$198,800 federal/\$49,700 local) of L-STBG programmed to FY2018 to replace 30 year old two-way radio communication system. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Mass Transit) as it involves purchase of operating equipment for transit agency.

5) Amendment 17-2017-041 (I-75 Exit 81 Interchange Lighting Enhancement) - Amend the TIP by adding this project. The project has \$359,770 State funds in FY2018 and \$359,770 (\$287,816 federal/\$71,954 local) of L-STBG in FY2018. The project includes adding high mast lighting to Interstate 75 at Exit 81 to improve safety conditions at night and during fog events. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Safety) as it involves lighting improvements.

6) Amendment 17-2017-042 (Carpenters Grade Road Widening and Intersection Improvements) - Amend the TIP by adding this project. The project has \$232,900 (\$186,320 federal/\$46,580 local) of L-STBG in FY2018 for PE-N/PE-D and \$234,480 (\$187,584 federal/\$46,896 local) of L-STBG in FY2020 for ROW. The project includes reconstructing a two-lane road with addition of turn lanes and sidewalk. Construct roundabout at Peterson Ln, Cochran Rd and Raulston Rd intersection. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Safety) as it involves widening narrow pavements (no additional lanes).

7) Amendment 17-2017-043 (SR 61 at SR 62 Intersection at W inter Gap) - Amend the TIP by adding this project. The project has \$15,000 (\$12,000 federal/\$3,000 local) of L-STBG in FY2018 for PE-N/PE-D and \$210,000 (\$168,000 federal/\$42,000 local) of L-STBG in FY2019 for CON. The project includes replacing outdated traffic signal equipment with modern equipment and either radar or video detection to avoid the problems with in pavement detection loops that are subject to breaking. This project is being proposed as Conformity Exempt as per 40 CFR 93.127 - intersection signalization projects at individual intersections.

8) Amendment 17-2017-044 (Boyd's Creek Highway (SR 338) at Old Knoxville Highway Intersection Improvements) - Amend the TIP by adding this project. The project has \$75,000 (\$60,000 federal/\$15,000 local) of L-STBG in FY2018 for PE-N/PE-D and \$210,000 (\$168,000 federal/\$42,000 local) of L-STBG in FY2020 for ROW. The project includes reconfiguring the intersection to improve safety and operations through geometric layout changes, addition of turn lanes, and installation of a new traffic signal. This project is being proposed as Conformity Exempt as per 40 CFR 93.127 - intersection signalization projects at individual intersections.

9) Amendment 17-2017-007 (Amerine Road) - Amend the TIP by removing this project. Project is being removed from the TIP at the request of the City of Maryville. This project was previously determined to be Exempt.

10) Amendment 17-2017-045 (Kingston Pike at Watt Road Intersection Improvements) - Amend the TIP by adding this project. The project has a few funding sources which include: \$35,000 (\$28,000 federal/\$7,000 local) FY2018 L-STBG for PE-N/PE-D, \$60,000 (\$48,000 federal/\$12,000 local) FY2018 L-STBG for ROW, \$250,000 in FY2019 Local funds for CON, \$275,000 (\$220,000 federal/\$55,000 local) FY2019 L-STBG for CON, and \$250,000 (\$200,000 federal/\$50,000 local) FY2019 S-STBG for CON. The project includes intersection improvements at the intersection of Kingston Pike (US 11/70) at Watt Road. This project is being proposed as Conformity Exempt as per 40 CFR 93.127 - intersection signalization projects at individual intersections.

11) Amendment 17-2017-048 (Blount County Greenway Trail - Phase 1) - Amend the TIP by adding this project. The project has \$200,000 (\$160,000 federal/\$40,000 local) of L-STBG-TA in FY2018 for PE-N/PE-D. The project is to construct a greenway trail contained completely within US Highway 321 right-of-way from Heritage High School to Perry's Mill Parking area. It will also include additional bike access link to Old Walland Highway across Melrose Station Bridge. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Air Quality) as it is a bicycle and pedestrian facility.

12) Amendment 17-2017-046 (Oak Ridge Rails to Trails) - Amend the TIP by removing the project from the Transportation Alternatives grouping (17-2017-305) and making it an individual TIP project. Change the \$1,178,163 (\$942,530 federal/\$235,633 local) FY2017 L-STBG-TA to FY2019 L-STBG for ROW/CON. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Air Quality) as it is a bicycle and pedestrian facility.

13) Amendment 17-2017-305 (Transportation Alternatives Grouping) - Amend the TIP by adding funds and removing a project from the grouping (Oak Ridge Rails to Trails 17-2017-046). Removing Oak Ridge Rails to Trails by reducing the FY2017 L-STBG-TA amount by \$1,178,163 (\$942,530 federal/\$235,633 local). Add \$100,000 (\$80,000 federal/\$20,000 local) L-STBG-TA to FY2018 to Duck Pond Walking and Bike Path in FY2018. Add \$161,188 (\$128,950 federal/\$32,238 local) L-STBG-TA to FY2018 to First Creek Greenway - Edgewood Park. Remove funding from FY2019 and FY2020 as this funding is programmed to stand alone projects in the TIP. This project was previously determined to be Exempt.

14) Amendment 17-2017-047 (Tazewell Pike Sidewalk) - Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$997,500 (\$798,000 federal/\$199,500 local) FY2020 L-STBG to FY2020 L-STBG-TA for PE-N/PE-D/ROW/CON. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Air Quality) as it is a bicycle and pedestrian facility.

15) Amendment 17-2017-049 (South Waterfront Greenway - East of Suttree) - Amend the TIP by removing the project from the Bike and Pedestrian grouping (17-2017-308) and making it an individual TIP project. Change the \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG to FY2018 L-STBG-TA for PE-N/PE-D. This project is being proposed as Conformity Exempt as per 40 CFR 93.126 (Air Quality) as it is a bicycle and pedestrian facility.

16) Amendment 17-2017-308 (Bike and Pedestrian Grouping) - Amend the TIP by removing projects (Tazewell Pike Sidewalk 17-2017-047; South Waterfront Greenway - East of Suttree 17-2017-049) from the grouping. Removing Tazewell Pike Sidewalk reduces the grouping by \$997,500 (\$798,000 federal/\$199,500 local) in FY2020 L-STBG. Removing South Waterfront Greenway - East of Suttree reduces the grouping by \$460,000 (\$368,000 federal/\$92,000 local) FY2020 L-STBG. This project was previously determined to be Exempt.

In summary, it is the TPO staff's opinion that these amendments do not trigger the need for a conformity determination for the reasons noted above. Also, the TPO staff have determined that the project amendments meet financial constraint requirements. Please review this information and provide any comments regarding air quality conformity implications. If I do not hear anything within two (2) weeks (by Friday, March 23, 2018) we will assume that you concur with the TPO staff's opinion.

Thanks,

Mike

--

Mike Conger, P.E.
Senior Transportation Engineer
Knoxville Regional TPO
400 Main St, Suite 403
Knoxville, TN 37902

Ph: 865-215-3813

 March 28 TIP Amendments.zip
1325K



Mike Conger <mike.conger@knoxmpc.org>

RE: IAC Review of of Knoxville TPO March 2018 TIP Amendments

1 message

Sheckler, Kelly A. <Sheckler.Kelly@epa.gov> Tue, Mar 13, 2018 at 1:25 PM
 To: Mike Conger <mike.conger@knoxtrans.org>, "Holly.Peterson@dot.gov" <Holly.Peterson@dot.gov>, "Stanley.A.Mitchell@dot.gov" <Stanley.A.Mitchell@dot.gov>, "alan.jones@tn.gov" <alan.jones@tn.gov>, "Andres Ramirez (FTA)" <andres.ramirez@dot.gov>, Brian Rivera <brivera@aqm.co.knox.tn.us>, "cwebster@aqm.co.knox.tn.us" <cwebster@aqm.co.knox.tn.us>, Darlene Reiter <darlene.reiter@tn.gov>, Deborah Fleming <deborah.fleming@tn.gov>, "Myers, Dianna" <Myers.Dianna@epa.gov>, "Louis, Egide" <Louis.Egide@epa.gov>, Elizabeth Watkins <elizabeth.watkins@knoxtrans.org>, Greg Riggs <Greg.Riggs@tn.gov>, Jeff Welch <jeff.welch@knoxtrans.org>, Jim Renfro <jim_renfro@nps.gov>, "Walther, Katherine" <Walther.Katherine@epa.gov>, "Lynne A. Liddington" <lalidding@aqm.co.knox.tn.us>, "Benjamin, Lynorae" <benjamin.lynorae@epa.gov>, Marc Corrigan <marc.corrigan@tn.gov>, Rashad Pinckney <rashad.pinckney@tn.gov>, Rich D <richd@mymorristown.com>, "Monteith, Richard" <Monteith.Richard@epa.gov>, "Wong, Richard" <Wong.Richard@epa.gov>, Robert Hayzlett <Robert.Hayzlett@tn.gov>, Ronnie Porter <ronnie.porter@tn.gov>, "Sean Santalla (FHWA)" <sean.santalla@dot.gov>, Teresa Cantrell <teresa_cantrell@nps.gov>, Theresa Claxton <theresa.claxton@dot.gov>, Tom Doherty <thomas.doherty@tn.gov>, Trey Joiner <jerome.joiner@tn.gov>

Mike- thank you for the opportunity to review these projects. EPA agrees that they are "exempt" for purposes of conformity.

Kelly Sheckler

From: Mike Conger [mailto:mike.conger@knoxtrans.org]
 Sent: Thursday, March 08, 2018 4:14 PM
 To: Holly.Peterson@dot.gov; Stanley.A.Mitchell@dot.gov; alan.jones@tn.gov; Andres Ramirez (FTA) <andres.ramirez@dot.gov>; Brian Rivera <brivera@aqm.co.knox.tn.us>; cwebster@aqm.co.knox.tn.us; Darlene Reiter <darlene.reiter@tn.gov>; Deborah Fleming <deborah.fleming@tn.gov>; Myers, Dianna <Myers.Dianna@epa.gov>; Louis, Egide <Louis.Egide@epa.gov>; Elizabeth Watkins <elizabeth.watkins@knoxtrans.org>; Greg Riggs <Greg.Riggs@tn.gov>; Jeff Welch <jeff.welch@knoxtrans.org>; Jim Renfro <jim_renfro@nps.gov>; Walther, Katherine <Walther.Katherine@epa.gov>; Lynne A. Liddington <lalidding@aqm.co.knox.tn.us>; Benjamin, Lynorae <benjamin.lynorae@epa.gov>; Marc Corrigan <marc.corrigan@tn.gov>; Mike Conger <mike.conger@knoxtrans.org>; Rashad Pinckney <rashad.pinckney@tn.gov>; Rich D <richd@mymorristown.com>; Monteith, Richard <Monteith.Richard@epa.gov>; Wong, Richard <Wong.Richard@epa.gov>; Robert Hayzle <Robert.Hayzlett@tn.gov>; Ronnie Porter <ronnie.porter@tn.gov>; Sean Santalla (FHWA) <sean.santalla@dot.gov>; Sheckler, Kelly A. <Sheckler.Kelly@epa.gov>; Teresa Cantrell <teresa_cantrell@nps.gov>; Theresa Claxton <theresa.claxton@dot.gov>; Tom Doherty <thomas.doherty@tn.gov>; Trey Joiner <jerome.joiner@tn.gov>
 Subject: IAC Review of of Knoxville TPO March 2018 TIP Amendments

[Quoted text hidden]



Mike Conger <mike.conger@knoxmpc.org>

RE: IAC Review of of Knoxville TPO March 2018 TIP Amendments

1 message

Marc Corrigan <Marc.Corrigan@tn.gov>

Wed, Mar 21, 2018 at 9:34 AM

To: Mike Conger <mike.conger@knoxtrans.org>, "Holly.Peterson@dot.gov" <Holly.Peterson@dot.gov>, "Stanley.A.Mitchell@dot.gov" <Stanley.A.Mitchell@dot.gov>, Alan Jones <Alan.Jones@tn.gov>, "Andres Ramirez (FTA)" <andres.ramirez@dot.gov>, Brian Rivera <brivera@aqm.co.knox.tn.us>, Coby Webster <cwebster@aqm.co.knox.tn.us>, Darlene Reiter <Darlene.Reiter@tn.gov>, Deborah Fleming <Deborah.Fleming@tn.gov>, Dianna Myers <myers.dianna@epa.gov>, Egide Louis <louis.egide@epa.gov>, Elizabeth Watkins <elizabeth.watkins@knoxtrans.org>, Greg Riggs <Greg.Riggs@tn.gov>, Jeff Welch <jeff.welch@knoxtrans.org>, Jim Renfro <jim_renfro@nps.gov>, Katherine Walther <Walther.Katherine@epa.gov>, "Lynne A. Liddington" <lalidding@aqm.co.knox.tn.us>, Lynorae Benjamin <benjamin.lynorae@epamail.epa.gov>, Rashad Pinckney <Rashad.Pinckney@tn.gov>, Rich D <richd@mymorristown.com>, Richard Monteith <Monteith.Richard@epa.gov>, Richard Wong <wong.richard@epa.gov>, Robert Hayzlett <Robert.Hayzlett@tn.gov>, Ronnie Porter <Ronnie.Porter@tn.gov>, "Sean Santalla (FHWA)" <sean.santalla@dot.gov>, "Sheckler.Kelly@epa.gov" <sheckler.kelly@epa.gov>, Teresa Cantrell <teresa_cantrell@nps.gov>, Theresa Claxton <theresa.claxton@dot.gov>, Thomas Doherty <Thomas.Doherty@tn.gov>, Jerome Joiner <Jerome.Joiner@tn.gov>

Cc: Greg Riggs <Greg.Riggs@tn.gov>

Mike,

The TAPCD agrees with the TPO's determination that the projects listed below are exempt from transportation conformity.

Marc



Marc Corrigan | Environmental Consultant

Air Pollution Control Division

Tennessee Tower, 15th Floor

312 Rosa L. Parks Ave., Nashville, TN 37243

p. 615-532-0616

Marc.Corrigan@tn.govtn.gov/environment

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From : Mike Conger [<mailto:mike.conger@knoxtrans.org>]**Sent :** Thursday, March 08, 2018 3:14 PM**To :** Holly.Peterson@dot.gov; Stanley.A.Mitchell@dot.gov; Alan Jones; Andres Ramirez (FTA); Brian Rivera; Coby Webster; Darlene Reiter; Deborah Fleming; Dianna Myers; Egide Louis; Elizabeth Watkins; Greg Riggs; Jeff Welch; Jim Renfro; Katherine Walther; Lynne A. Liddington; Lynorae Benjamin; Marc Corrigan; Mike Conger; Rashad Pinckney; Rich D; Richard Monteith; Richard Wong; Robert Hayzlett; Ronnie Porter; Sean Santalla (FHWA); Sheckler.Kelly@epa.gov; Teresa Cantrell; Theresa Claxton; Thomas

[Quoted text hidden]



Mike Conger <mike.conger@knoxmpc.org>

RE: IAC Review of of Knoxville TPO March 2018 TIP Amendments

1 message

Santalla, Sean (FHW A) <sean.santalla@dot.gov>

Wed, Mar 21, 2018 at 9:57 AM

To: Mike Conger <mike.conger@knoxtrans.org>

Cc: "Liles, Holly (FTA)" <holly.liles@dot.gov>, "Mitchell, Stanley" <stanley.a.mitchell@dot.gov>, Alan Jones <alan.jones@tn.gov>, "Ramirez, Andres (FTA)" <andres.ramirez@dot.gov>, Brian Rivera <brivera@aqm.co.knox.tn.us>, Coby Webster <cwebster@aqm.co.knox.tn.us>, Darlene Reiter <darlene.reiter@tn.gov>, Deborah Fleming <deborah.fleming@tn.gov>, Dianna Myers <myers.dianna@epa.gov>, Egide Louis <louis.egide@epa.gov>, Elizabeth Watkins <elizabeth.watkins@knoxtrans.org>, Greg Riggs <Greg.Riggs@tn.gov>, "jeff.welch knoxtrans.org" <jeff.welch@knoxtrans.org>, Jim Renfro <jim_renfro@nps.gov>, Katherine Walther <Walther.Katherine@epa.gov>, "Lynne A. Liddington" <lalidding@aqm.co.knox.tn.us>, Lynorae Benjamin <benjamin.lynorae@epamail.epa.gov>, Marc Corrigan <marc.corrigan@tn.gov>, Rashad Pinckney <rashad.pinckney@tn.gov>, "richd mymorristown.com" <richd@mymorristown.com>, Richard Monteith <Monteith.Richard@epa.gov>, Richard Wong <wong.richard@epa.gov>, Robert Hayzlett <Robert.Hayzlett@tn.gov>, Ronnie Porter <ronnie.porter@tn.gov>, "Sheckler.Kelly@epa.gov" <sheckler.kelly@epa.gov>, "teresa_cantrell nps.gov" <teresa_cantrell@nps.gov>, "Claxton, Theresa (FHWA)" <Theresa.Claxton@dot.gov>, Tom Doherty <thomas.doherty@tn.gov>, Trey Joiner <jerome.joiner@tn.gov>

Mike,

Thank you for the opportunity to review. FHWA concurs with the TPO's determination that the below projects, as proposed, are either exempt from conformity or exempt from regional emissions analyses per 40 CFR §93.126 and §93.127.

FYI – I spoke with Marc Corrigan, who clarified my question on transportation control measures – I've no further concerns there.

Thanks!

Sean Santalla

Planning & Air Quality Specialist

FHWA Tennessee Division

404 BNA Drive, Bldg 200, Ste 508
Nashville, TN 37217

615-781-5767

From: Mike Conger [mailto:mike.conger@knoxtrans.org]

Sent: Thursday, March 08, 2018 3:14 PM

To: Liles, Holly (FTA) <holly.liles@dot.gov>; Mitchell, Stanley <stanley.a.mitchell@dot.gov>; Alan Jones <alan.jones@tn.gov>; Ramirez, Andres (FTA) <andres.ramirez@dot.gov>; Brian Rivera <brivera@aqm.co.knox.tn.us>; Coby Webster <cwebster@aqm.co.knox.tn.us>; Darlene Reiter <darlene.reiter@tn.gov>; Deborah Fleming <deborah.fleming@tn.gov>; Dianna Myers <myers.dianna@epa.gov>; Egide Louis <louis.egide@epa.gov>; Elizabeth Watkins <elizabeth.watkins@knoxtrans.org>; Greg Riggs <Greg.Riggs@tn.gov>; jeff.welch knoxtrans.org <jeff.welch@knoxtrans.org>; Jim Renfro <jim_renfro@nps.gov>; Katherine Walther <Walther.Katherine@epa.gov>; Lynne A. Liddington <lalidding@aqm.co.knox.tn.us>; Lynorae Benjamin <benjamin.lynorae@epamail.epa.gov>; Marc Corrigan <marc.corrigan@tn.gov>; Mike Conger <mike.conger@knoxtrans.org>; Rashad Pinckney <rashad.pinckney@tn.gov>; richd mymorristown.com <richd@mymorristown.com>; Richard Monteith <Monteith.Richard@epa.gov>; Richard Wong <wong.richard@epa.gov>; Robert Hayzlett <Robert.Hayzlett@tn.gov>; Ronnie Porter <ronnie.porter@tn.gov>; Santalla, Sean (FHWA) <sean.santalla@dot.gov>; Sheckler.Kelly@epa.gov; teresa_cantrell nps.gov <teresa_cantrell@nps.gov>; Claxton,

[Quoted text hidden]



Mike Conger <mike.conger@knoxmpc.org>

RE: IAC Review of of Knoxville TPO March 2018 TIP Amendments

1 message

Thomas Doherty <Thomas.Doherty@tn.gov>

Fri, Mar 23, 2018 at 4:51 PM

To: Mike Conger <mike.conger@knoxtrans.org>, "Holly.Peterson@dot.gov" <Holly.Peterson@dot.gov>, "Stanley.A.Mitchell@dot.gov" <Stanley.A.Mitchell@dot.gov>, Alan Jones <Alan.Jones@tn.gov>, "Andres Ramirez (FTA)" <andres.ramirez@dot.gov>, Brian Rivera <brivera@aqm.co.knox.tn.us>, Coby Webster <cwebster@aqm.co.knox.tn.us>, Darlene Reiter <Darlene.Reiter@tn.gov>, Deborah Fleming <Deborah.Fleming@tn.gov>, Dianna Myers <myers.dianna@epa.gov>, Egide Louis <louis.egide@epa.gov>, Elizabeth Watkins <elizabeth.watkins@knoxtrans.org>, Greg Riggs <Greg.Riggs@tn.gov>, Jeff Welch <jeff.welch@knoxtrans.org>, Jim Renfro <jim_renfro@nps.gov>, Katherine Walther <Walther.Katherine@epa.gov>, "Lynne A. Liddington" <lalidding@aqm.co.knox.tn.us>, Lynorae Benjamin <benjamin.lynorae@epamail.epa.gov>, Marc Corrigan <Marc.Corrigan@tn.gov>, Rashad Pinckney <Rashad.Pinckney@tn.gov>, Rich D <richd@mymorristown.com>, Richard Monteith <Monteith.Richard@epa.gov>, Richard Wong <wong.richard@epa.gov>, Robert Hayzlett <Robert.Hayzlett@tn.gov>, Ronnie Porter <Ronnie.Porter@tn.gov>, "Sean Santalla (FHWA)" <sean.santalla@dot.gov>, "Sheckler.Kelly@epa.gov" <sheckler.kelly@epa.gov>, Teresa Cantrell <teresa_cantrell@nps.gov>, Theresa Claxton <theresa.claxton@dot.gov>, Jerome Joiner <Jerome.Joiner@tn.gov>

Mike:

The Tennessee Department of Transportaon's Long Rang e Planning Division concurs with the TPO's determinaon tha t the 16 project amendments below are exempt from transportaon c onformity.

Thank you!

 From: Mike Conger [mailto:mike.conger@knoxtrans.org]

Sent: Thursday, March 08, 2018 3:14 PM

To: Holly.Peterson@dot.gov; Stanley.A.Mitchell@dot.gov; Alan Jones; Andres Ramirez (FTA); Brian Rivera; Coby Webster; Darlene Reiter; Deborah Fleming; Dianna Myers; Egide Louis; Elizabeth Watkins; Greg Riggs; Jeff Welch; Jim Renfro; Katherine Walther; Lynne A. Liddington; Lynorae Benjamin; Marc Corrigan; Mike Conger; Rashad Pinckney; Rich D; Richard Monteith; Richard Wong; Robert Hayzlett; Ronnie Porter; Sean Santalla (FHWA); Sheckler.Kelly@epa.gov; Teresa Cantrell; Theresa Claxton; Thomas Doherty; Jerome Joiner

Subject: IAC Review of of Knoxville TPO March 2018 TIP Amendments

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