



Proposed Amendments to the Knoxville Regional Transportation Planning Organization FY 2020-2023 Transportation Improvement Program (TIP)

The Knoxville Regional Transportation Planning Organization (TPO) Executive Board will hear six (6) proposed amendments to the FY 2020-2023 TIP in April. The TPO Technical Committee will review and make a recommendation to the TPO Executive Board regarding the proposed TIP amendments at their April 13, 2021 meeting. The TPO Executive Board will then consider the proposed TIP amendments for approval at their April 28, 2021 meeting. Both meetings are open to the public. See below for more information.

If you have any questions or comments regarding the proposed amendments, please contact Craig Luebke craig.luebke@knoxtpo.org or by phone at (865) 215-3825. Comments will be received until April 27, 2021.

The amendments are summarized below and the existing and proposed TIP pages are attached (as applicable).

Amendment 20-2011-082 – Montvale Road (SR-336) Widening – Amend project to revise the project description and update Right of Way and Construction cost estimates and total project cost. The project description is revised to include closure of SR-73 eastbound and westbound access to Highland Avenue to construct eastbound right-turn lane onto SR-336 and lengthening the westbound SR-73 left-turn lane near Highland Avenue. ROW phase costs in FY 2021 are revised to \$9,300,000 (\$7,440,000 federal S-STBG/\$1,860,000 state). CN costs in FY 2023 are revised to \$14,700,000 (\$11,760,000 federal S-STBG/\$2,940,000 state). A total of \$12,200,000 is added to the project cost (\$9,760,000 federal S-STBG/\$2,440,000 state) as well as the TIP. Additional details are revised to reflect \$600,000 total funds previously obligated to this project. The total project cost is increased to a corrected \$24,600,000.

Amendment 20-2017-057 - Pellissippi Parkway (SR-162) Interchange at Oak Ridge Highway (SR-62) in Solway (IA) - Amend project to revise the project description and update several schedule elements and revise PE-Design, Right of Way and Construction cost estimates and total project cost to reflect most current estimates and Knox County contributions. The project description is revised to "Reconstruct interchange to a Single Point Urban Interchange (SPUI) and provide connection to Solway Road". PE-N costs of \$200,000 NHPP (\$160,000 federal/\$40,000 state) are revised from FY 2020 to FY 2021. State PE-D costs of \$300,000 NHPP (\$240,000 federal/\$60,000 state) are revised from FY 2020 to FY 2021. Local PE-D costs of \$473,000 (100% local) are added in FY 2021. Local ROW costs of \$2,500,000 (100% local) are added in FY 2022. Local CN costs of \$5,418,000 (100% local) are added in FY 2023. A total of \$8,391,100 is added to the project cost (100% local) as well as the TIP. Additional details are revised to reflect \$700,000 total funds previously obligated to this project. The total project cost is increased to a corrected \$30,615,000.

Amendment 20-2020-011 – I-75 at Emory Road (SR-131) Interchange – Amend TIP to add this exempt project as a separate project from its parent project (TIP ID 20-2017-056). The project description is “Reconfigure interchange to a Diverging Diamond Interchange to improve capacity, safety and operations”. PE-D phase costs in FY 2021 total \$814,000 (\$250,000 federal L-STBG/\$57,600 federal NHPP/\$500,000 local/\$6,400 state). This amendment adds \$814,000 (\$250,000 federal L-STBG/\$57,600 federal NHPP/\$500,000 local/\$6,400 state) to the TIP. The total project cost is \$ 11,279,000. *TIP funding note: an administrative modification will subsequently be processed to remove \$341,778 total funds from TIP ID 20-2017-056.*

Amendment 20-2014-060 – Morganton Road Roadway Improvements – Amend project to revise description to match draft Mobility Plan 2045 - "Reconstruct 2-lane road with addition of continuous center turn lane and bicycle/pedestrian facilities". The project schedule and costs are unchanged. The total project cost remains \$9,070,690.

Amendment 20-2020-206 – Knoxville Area Transit (KAT) Electric Bus In-Route Charging Infrastructure – Amend TIP to add this exempt project for construction in FY 2021. This amendment adds \$1,750,000 (\$1,400,000 federal CMAQ/\$350,000 local) to the TIP. The total project cost is \$1,750,000.

Amendment 20-2020-003 – Middlebrook Pike Complete Street – Amend TIP to remove this project. The project is not included in the draft Mobility Plan 2045 fiscally constrained list of projects. This amendment removes \$2,210,000 L-STBG (\$1,768,000 federal/\$442,000 local) from the TIP.

Public Meetings:

The TPO Technical Committee will review and make a recommendation to the Executive Board regarding the proposed TIP amendments at their April meeting. Due to the circumstances of the COVID-19 virus, the April Technical Committee meeting will be held electronically via Zoom at 9 a.m. on April 13, 2021. Please visit the Knoxville Regional TPO website <https://knoxtpo.org/boards-and-committees/technical-committee/> frequently for updates on the Technical Committee public meeting.

The TPO Executive Board will consider the proposed TIP amendments for approval at their April meeting. Due to the circumstances of the COVID-19 virus, the April Executive Board meeting will be held electronically via Zoom at 9 a.m. on April 28, 2021. Please visit the Knoxville Regional TPO website <https://knoxtpo.org/boards-and-committees/executive-board/> frequently for updates on the Executive Board public meeting.

Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

ORIGINAL

TIP No.	20-2011-082	Revision No.	1	Mobility Plan No.	09-262
TDOT PIN	101725.02	STIP No.	2005060		
Project Name	Montvale Road (SR-336)				
Lead Agency	TDOT				
Total Project Cost	\$12,800,000				

Project Description	Widen existing roadway to 2 - 12 foot travel lanes with a 12 foot center turn lane including curb and gutter, sidewalk and a multiuse path.				
Termini/Intersection	(Montvale Road) Montvale Station Road to SR-73 (Lamar Alexander Parkway) (IA)				
Counties	Blount				
City/Agency	City of Maryville				
Length	0.6	(miles)	Conformity Status	Non-Exempt	

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2021	ROW	S-STBG	\$5,300,000	\$4,240,000	\$1,060,000	\$0	\$0
2023	CON	S-STBG	\$6,500,000	\$5,200,000	\$1,300,000	\$0	\$0
Total			\$11,800,000	\$9,440,000	\$2,360,000	\$0	\$0

Revision Date	8/12/2020
Revision Details	Modify project to move construction from FY 2022 to FY 2023 for budget purposes. The total project cost is increased to \$12,800,000 to account for previous phases.
Previous TIP No.	2011-082, 17-2011-082



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

AMENDED

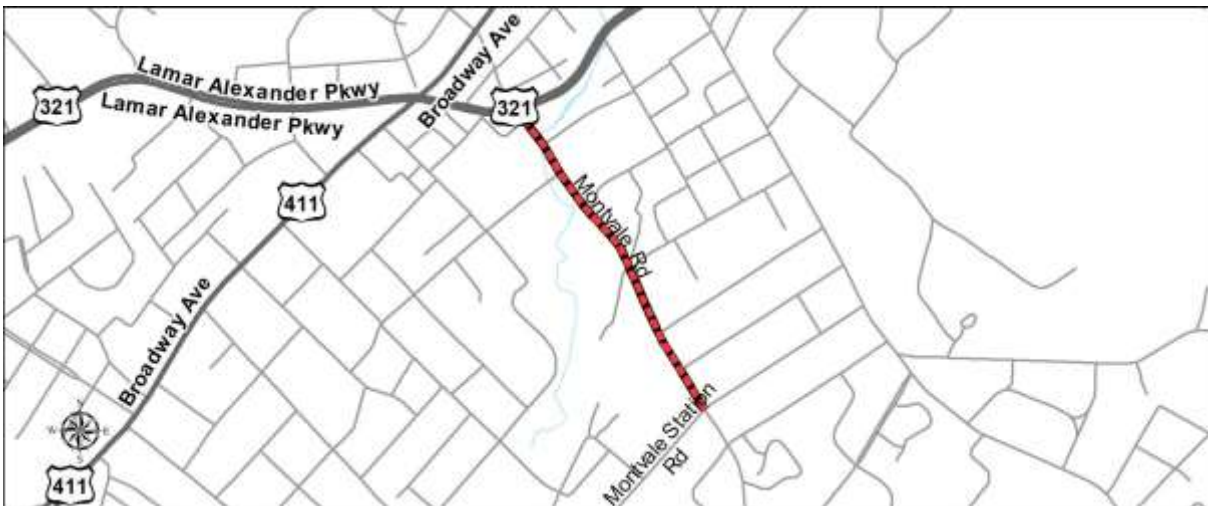
TIP No.	20-2011-082	Revision No.	2	Mobility Plan No.	09-262
TDOT PIN	101725.02	STIP No.	2005060		
Project Name	Montvale Road (SR-336)				
Lead Agency	TDOT				
Total Project Cost	\$24,600,000				

Project Description	Widen existing roadway to 2 - 12 foot travel lanes with a 12 foot center turn lane including curb and gutter, sidewalk and a multiuse path. Close SR-73 eastbound and westbound access to Highland Avenue to construct eastbound right-turn lane onto SR-336; lengthen the westbound SR-73 left-turn lane near Highland Avenue.				
Termini/Intersection	(Montvale Road) Montvale Station Road to SR-73 (Lamar Alexander Parkway) (IA)				
Counties	Blount				
City/Agency	City of Maryville				
Length	0.6	(miles)	Conformity Status	Non-Exempt	
Additional Details	\$600,000 total funds previously obligated to this project				

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2021	ROW	S-STBG	\$9,300,000	\$7,440,000	\$1,860,000	\$0	\$0
2023	CON	S-STBG	\$14,700,000	\$11,760,000	\$2,940,000	\$0	\$0
Total			\$24,000,000	\$19,200,000	\$4,800,000	\$0	\$0

Revision Date	4/28/2021
Revision Details	Amend project to revise the project description and update Right of Way and Construction cost estimates and total project cost. The project description is revised to include closure of SR-73 eastbound and westbound access to Highland Avenue to construct eastbound right-turn lane onto SR-336 and lengthening the westbound SR-73 left-turn lane near Highland Avenue. ROW phase costs in FY 2021 are revised to \$9,300,000 (\$7,440,000 federal S-STBG/\$1,860,000 state). CN costs in FY 2023 are revised to \$14,700,000 (\$11,760,000 federal S-STBG/\$2,940,000 state). A total of \$12,200,000 is added to the project cost (\$9,760,000 federal S-STBG/\$2,440,000 state) as well as the TIP. Additional details are revised to reflect \$600,000 total funds previously obligated to this project. The total project cost is increased to a corrected \$24,600,000.
Previous TIP No.	2011-082, 17-2011-082



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

ORIGINAL

TIP No.	20-2017-057	Revision No.	0	Mobility Plan No.	09-649
TDOT PIN	123073.00	STIP No.	2047093		
Project Name	Pellissippi Pkwy (SR-162) Interchange at Oak Ridge Hwy (SR-62) in Solway (IA)				
Lead Agency	TDOT				
Total Project Cost	\$22,724,000				

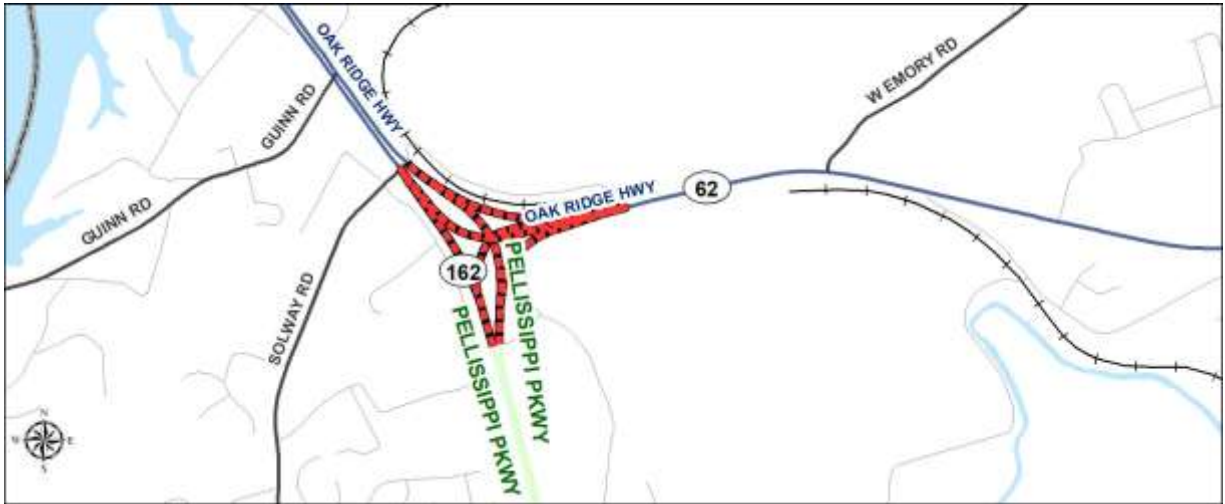
Project Description	Interchange modification to include additional (new) ramp for westbound to southbound movement.				
Termini/Intersection	SR-162 at SR-62 (Solway) Interchange				
Counties	Knox				
City/Agency					
Length	0.45	(miles)	Conformity Status	Non-Exempt	

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	PE-D	NHPP	\$300,000	\$240,000	\$60,000	\$0	\$0
2020	PE-N	NHPP	\$200,000	\$160,000	\$40,000	\$0	\$0
2022	ROW	NHPP	\$3,000,000	\$2,400,000	\$600,000	\$0	\$0
2023	CON	L-STBG	\$3,500,000	\$2,800,000	\$700,000	\$0	\$0
2023	CON	NHPP	\$14,524,000	\$11,619,200	\$2,904,800	\$0	\$0
Total			\$21,524,000	\$17,219,200	\$4,304,800	\$0	\$0

Revision Date	<input style="width: 95%;" type="text"/>
Revision Details	<input style="width: 95%;" type="text"/>
Previous TIP No.	17-2017-057



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

AMENDED

TIP No.	20-2017-057	Revision No.	1	Mobility Plan No.	09-649
TDOT PIN	123073.00	STIP No.	2047093		
Project Name	Pellissippi Pkwy (SR-162) Interchange at Oak Ridge Hwy (SR-62) in Solway (IA)				
Lead Agency	TDOT				
Total Project Cost	\$30,615,000				
Project Description	Reconstruct interchange to a Single Point Urban Interchange (SPUI) and provide connection to Solway Road				
Termini/Intersection	SR-162 at SR-62 (Solway) Interchange				
Counties	Knox				
City/Agency					
Length	0.45	(miles)	Conformity Status	Non-Exempt	
Additional Details	\$700,000 total funds previously obligated to this project				

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2021	PE-D	LOCAL	\$473,000	\$0	\$0	\$473,000	\$0
2021	PE-D	NHPP	\$300,000	\$240,000	\$60,000	\$0	\$0
2021	PE-N	NHPP	\$200,000	\$160,000	\$40,000	\$0	\$0
2022	ROW	LOCAL	\$2,500,000	\$0	\$0	\$2,500,000	\$0
2022	ROW	NHPP	\$3,000,000	\$2,400,000	\$600,000	\$0	\$0
2023	CON	LOCAL	\$5,418,000	\$0	\$0	\$5,418,000	\$0
2023	CON	L-STBG	\$3,500,000	\$2,800,000	\$700,000	\$0	\$0
2023	CON	NHPP	\$14,524,000	\$11,619,200	\$2,904,800	\$0	\$0
Total			\$29,915,000	\$17,219,200	\$4,304,800	\$8,391,000	\$0

Revision Date: 4/28/2021

Revision Details: Amend project to revise the project description and update several schedule elements and revise PE-Design, Right of Way and Construction cost estimates and total project cost to reflect most current estimates and Knox County contributions. The project description is revised to "Reconstruct interchange to a Single Point Urban Interchange (SPUI) and provide connection to Solway Road". PE-N costs of \$200,000 NHPP (\$160,000 federal/\$40,000 state) are revised from FY 2020 to FY 2021. State PE-D costs of \$300,000 NHPP (\$240,000 federal/\$60,000 state) are revised from FY 2020 to FY 2021. Local PE-D costs of \$473,000 (100% local) are added in FY 2021. Local ROW costs of \$2,500,000 (100% local) are added in FY 2022. Local CN costs of \$5,418,000 (100% local) are added in FY 2023. A total of \$8,391,100 is added to the project cost (100% local) as well as the TIP. Additional details are revised to reflect \$700,000 total funds previously obligated to this project. The total project cost is increased to a corrected \$30,615,000.

Previous TIP No.: 17-2017-057



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

AMENDED
(NEW)

TIP No.	20-2020-011	Revision No.	0	Mobility Plan No.	09-652
TDOT PIN	124451.01	STIP No.			
Project Name	I-75 at Emory Road (SR-131) Interchange				
Lead Agency	TDOT				
Total Project Cost	\$11,279,000				

Project Description	Reconfigure interchange to a Diverging Diamond Interchange to improve capacity, safety and operations				
Termini/Intersection	I-75 at SR-131 (Emory Road)				
Counties	Knox				
City/Agency					
Length	0.89	(miles)	Conformity Status	Exempt	

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2021	PE-D	LOCAL	\$472,222	\$0	\$0	\$472,222	\$0
2021	PE-D	L-STBG	\$277,778	\$250,000	\$0	\$27,778	\$0
2021	PE-D	NHPP	\$64,000	\$57,600	\$6,400	\$0	\$0
Total			\$814,000	\$307,600	\$6,400	\$500,000	\$0

Revision Date	4/28/2021
Revision Details	Amend TIP to add this exempt project as a separate project from its parent project (TIP ID 20-2017-056). The project description is "Reconfigure interchange to a Diverging Diamond Interchange to improve capacity, safety and operations". PE-D phase costs in FY 2021 total \$814,000 (\$250,000 federal L-STBG/\$57,600 federal NHPP/\$500,000 local/\$6,400 state). This amendment adds \$814,000 (\$250,000 federal L-STBG/\$57,600 federal NHPP/\$500,000 local/\$6,400 state) to the TIP. The total project cost is \$ 11,279,000. TIP funding note: an administrative modification will subsequently be processed to remove \$341,778 total funds from TIP ID 20-2017-056.
Previous TIP No.	<input style="width: 100%;" type="text"/>



Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

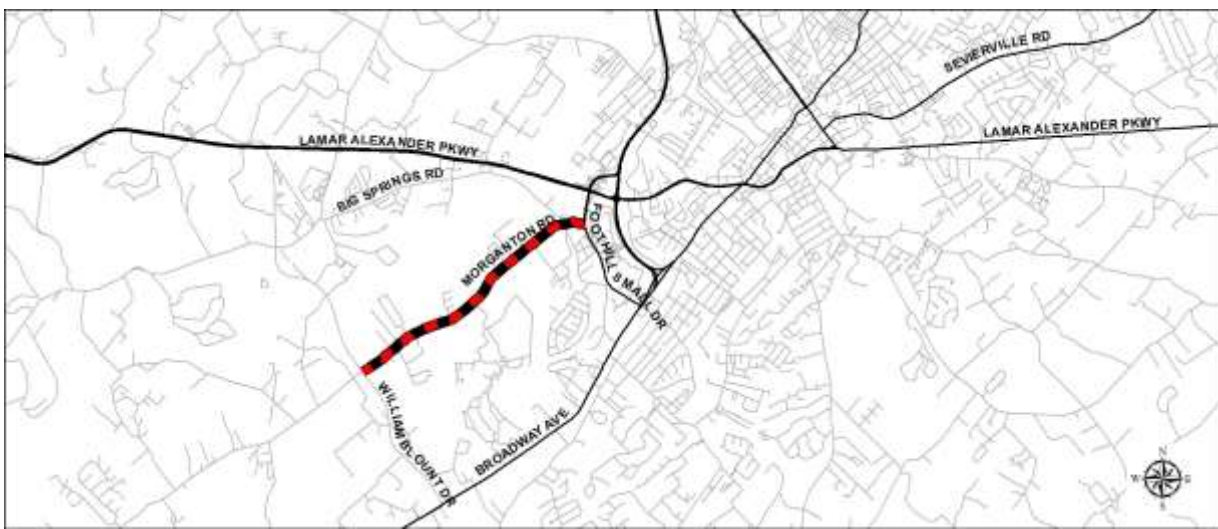
ORIGINAL

TIP No.	20-2014-060	Revision No.	1	Mobility Plan No.	09-211	
TDOT PIN	126705.00	STIP No.				
Project Name	Morganton Rd. Roadway Improvement					
Lead Agency	Blount County					
Total Project Cost	\$9,070,690					
Project Description	Reconstruct two lane section of Morganton Rd. with shoulders, totaling 2.3 miles in length. HPP, TN-280.					
Termini/Intersection	Morganton Rd. from Foothills Mall Dr. to William Blount Dr. (SR-335)					
Counties	Blount					
City/Agency	Blount County					
Length	2.3	(miles)	Conformity Status	Exempt		
Additional Details	\$200,000 federal HPP previously obligated for this project.					

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	PE-D	HPP	\$411,400	\$411,400	\$0	\$0	\$0
2020	ROW	HPP	\$138,472	\$138,472	\$0	\$0	\$0
2020	ROW	L-STBG	\$1,279,168	\$1,023,334	\$0	\$255,834	\$0
2022	CON	L-STBG	\$7,041,650	\$5,633,320	\$0	\$1,408,330	\$0
Total			\$8,870,690	\$7,206,526	\$0	\$1,664,164	\$0

Revision Date	4/2/2020
Revision Details	Modify project to add PE-D phase in FY 2020 and correct ROW phase amounts. This modification adds \$376,6222 HPP (\$411,272 federal/-/\$34,650 local) and \$128 L-STBG (\$102 federal/\$26 local) to the TIP. PE-D funds were anticipated to be obligated out of the previous TIP; however, this did not occur. HPP funded ROW is also corrected to reflect 100% federal funding for the programmed \$138,472. L-STBG funded ROW is corrected to reflect the revised project contract. The total project cost remains \$9,070,690.
Previous TIP No.	2011-030, 2014-060, 17-2014-060



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

AMENDED

TIP No.	20-2014-060	Revision No.	2	Mobility Plan No.	09-211
TDOT PIN	126705.00	STIP No.			
Project Name	Morganton Rd. Roadway Improvement				
Lead Agency	Blount County				
Total Project Cost	\$9,070,690				

Project Description	Reconstruct 2-lane road with addition of continuous center turn lane and bicycle/pedestrian facilities				
Termini/Intersection	Morganton Rd. from Foothills Mall Dr. to William Blount Dr. (SR-335)				
Counties	Blount				
City/Agency	Blount County				
Length	2.3	(miles)	Conformity Status	Exempt	

Additional Details	\$200,000 federal HPP previously obligated for this project. HPP, TN 280				
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Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	PE-D	HPP	\$411,400	\$411,400	\$0	\$0	\$0
2020	ROW	HPP	\$138,472	\$138,472	\$0	\$0	\$0
2020	ROW	L-STBG	\$1,279,168	\$1,023,334	\$0	\$255,834	\$0
2022	CON	L-STBG	\$7,041,650	\$5,633,320	\$0	\$1,408,330	\$0
Total			\$8,870,690	\$7,206,526	\$0	\$1,664,164	\$0

Revision Date	4/28/2021
Revision Details	Amend project to revise description to match draft Mobility Plan 2045 - "Reconstruct 2-lane road with addition of continuous center turn lane and bicycle/pedestrian facilities". The project schedule and costs are unchanged. The total project cost remains \$9,070,690.
Previous TIP No.	2011-030, 2014-060, 17-2014-060



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

AMENDED
(NEW)

TIP No.	20-2020-206	Revision No.	0	Mobility Plan No.	Consistent with Mobility Goal 2
TDOT PIN		STIP No.			
Project Name	Knoxville Area Transit (KAT) Electric Bus In-Route Charging Infrastructure				
Lead Agency	KAT				
Total Project Cost	\$1,750,000				

Project Description	Purchase and installation of one overhead electric bus charging unit located within in the Knoxville Area Transit service area. The scope of this project also includes project design and electrical engineering for the installation.				
Termini/Intersection	Knoxville Station Transit Center				
Counties	Knox				
City/Agency	City of Knoxville				
Length		(miles)	Conformity Status	Exempt	

Additional Details

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2021	PUR	CMAQ	\$1,750,000	\$1,400,000	\$0	\$350,000	\$0
Total			\$1,750,000	\$1,400,000	\$0	\$350,000	\$0

Revision Date	4/28/2021
Revision Details	Amend TIP to add this exempt project for construction in FY 2021. This amendment adds \$1,750,000 (\$1,400,000 federal CMAQ/\$350,000 local) to the TIP. The total project cost is \$1,750,000.
Previous TIP No.	



Knoxville Regional Transportation Planning Organization

TRANSPORTATION IMPROVEMENT PROGRAM FY 2020-2023

ORIGINAL
(TO BE
REMOVED
FROM TIP)

TIP No.	20-2020-003	Revision No.	0	Mobility Plan No.	Consistent with Mobility Plan Goal 2
TDOT PIN		STIP No.			
Project Name	Middlebrook Pike Complete Street				
Lead Agency	City of Knoxville				
Total Project Cost	\$6,810,000				

Project Description	Install protected bicycle facilities, improve sidewalks and upgrade bike/pedestrian treatments at three intersections. Project connects existing bike/ped facilities on University Avenue to the greenway on Middlebrook Pike at Proctor Street.				
Termini/Intersection	Western Ave. to Proctor St.				
Counties	Knox				
City/Agency	City of Knoxville				
Length	0.85	(miles)	Conformity Status	Exempt	
Additional Details					

Programmed Funds

FY	Phase	Funding Type	Total Funds	Federal	State	Local	Other
2020	PE-N	L-STBG	\$450,000	\$360,000	\$0	\$90,000	\$0
2021	PE-D	L-STBG	\$800,000	\$640,000	\$0	\$160,000	\$0
2022	ROW	L-STBG	\$960,000	\$768,000	\$0	\$192,000	\$0
Total			\$2,210,000	\$1,768,000	\$0	\$442,000	\$0

Revision Date	
Revision Details	
Previous TIP No.	

