

KENTUCKY

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) For FY 2021-2024

ADMINISTRATIVE MODIFICATION #2021.125

I. Proposed Action:

Modify the KYTC's FY 2021-2024 Statewide Transportation Improvement Program (STIP) to include the Bowling Green-Warren County MPO's Administrative Modification #15 to the FY 2019-2024 Transportation Improvement Program (TIP).

Location:

Bowling Green-Warren County MPO Area

Scope of Activity:

See the attachments for detail information.

II. Additional Remarks:

This modification to the STIP will become part of the 2021 STIP end of Federal Fiscal Year 2022 "fiscal constraint" recalculations.

III. Administrative Modification Approval:

Modification Recommended for Approval:

Jill Lamb for Ron Rigney 9/7/22

Kentucky Transportation Cabinet Date
Ronald B. Rigney, Director
Division of Program Management

**Bowling Green – Warren County
Metropolitan Planning Organization**

**FY 2019-24 Transportation Improvement Program (TIP)
Administrative Modification #15**

ACTION:

The Bowling Green-Warren County Metropolitan Planning Organization (MPO) hereby modifies the FY 2019-2024 Transportation Improvement Program (TIP). This modification reflects the addition of low-cost safety projects at two locations in Warren County.

ITEM #s: 3-9024.00

DESCRIPTION: Perform low-cost safety improvements on KY 185 from MP 8.250 to MP 10.050 in Warren County.

SCOPE OF WORK: Safety Improvements

ROUTE: KY-185

PHASE: U, C

FY: 2022, 2023

FUND TYPE: HSIP

AMOUNT: \$760,000

ITEM #s: 3-166.00

DESCRIPTION: Construct left and right turn lanes from US 68/KY 80 onto Fred Madison Road at approximately the 17.1 mile point.

SCOPE OF WORK: Intersection Improvements

ROUTE: US 68/80

PHASE: U

FY: 2022

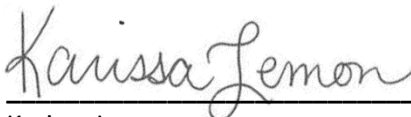
FUND TYPE: STP

AMOUNT: \$150,000

Other Information: This TIP Modification adds specific funding levels for Highway Safety Improvement Projects (HSIP) and Surface Transportation Projects (STP) in *Table 2 (Summary of Funding)* of the TIP and adds the listed projects and/or phases to *Table 4 (Federally Funded Projects)* and *Table 9 (Projects Contributing to the Achievement of Highway Performance Targets)*. HSIP and Intersection Improvements for Safety or Efficiency are project types identified in the Grouped Projects Table of the TIP; therefore, a TIP Amendment is not necessary. A listing of Grouped Projects has been included in the TIP allowing planning process stakeholders and the general public to be informed of the types of potential projects that may be added to the TIP and Metropolitan Transportation Plan (MTP) by Administrative Modification. This modification references *Table 7.4 – HSIP Projects, Intersection Improvements for Safety or Efficiency* – in the MTP. TIP actions for these projects will not require additional public review. This action involves a commitment of funding for the project by the project sponsor (Kentucky Transportation Cabinet). This funding maintains financial constraint of the TIP and MTP documents, and no additional financial constraint analysis by the MPO is needed.

The modified FY2019-2024 TIP tables are included on the following pages.

Approved



Karissa Lemon

MPO Coordinator

Bowling Green-Warren County MPO

9/7/2022

Date

TABLE 2 SUMMARY OF HIGHWAY FUNDING TYPES								
FISCAL YEAR		FUNDING TYPE						TOTAL
		NH	HSIP	STP	TAP	RTP	GR	
2019	Est. Cost	\$ 800,000	\$ 590,000	\$ -	\$ 2,158,924			\$ 3,548,924
	Revenue	\$ 800,000	\$ 590,000	\$ -	\$ 2,158,924			\$ 3,548,924
2020	Est. Cost		\$ 3,812,000	\$ -				\$ 3,812,000
	Revenue		\$ 3,812,000	\$ -				\$ 3,812,000
2021	Est. Cost	\$ 29,050,000	\$ 3,900,000	\$ 13,590,000				\$ 46,540,000
	Revenue	\$ 29,050,000	\$ 3,900,000	\$ 13,590,000				\$ 46,540,000
2022	Est. Cost	\$ 28,690,000	\$ 611,355	\$ 160,000		\$ 31,250	\$ 25,000	\$ 29,492,605
	Revenue	\$ 28,690,000	\$ 611,355	\$ 160,000		\$ 31,250	\$ 25,000	\$ 29,517,605
2023	Est. Cost	\$ 14,500,000	\$ 750,000	\$ 1,600,000	\$ 1,650,000			\$ 18,531,250
	Revenue	\$ 14,500,000	\$ 750,000	\$ 1,600,000	\$ 1,650,000			\$ 18,500,000
2024	Est. Cost	\$ 3,000,000		\$ 15,450,000				\$ 18,450,000
	Revenue	\$ 3,000,000		\$ 15,450,000				\$ 18,450,000
TOTAL	Est. Cost	\$ 76,040,000	\$ 9,663,355	\$ 30,800,000	\$ 3,808,924	\$ 31,250	\$ 25,000	\$ 120,343,529
	Revenue	\$ 76,040,000	\$ 9,663,355	\$ 30,800,000	\$ 3,808,924	\$ 31,250	\$ 25,000	\$ 120,343,529

TABLE 4 FEDERALLY FUNDED TRANSPORTATION PROJECTS							
KYTC ID	ROUTE	LENGTH	PROJECT DESCRIPTION	FUND TYPE	YEAR	PHASE	TOTAL PHASE COST (\$)
3-166.00	US-68	0.45	Construct left and right turn lanes from US 68/KY 80 onto Fred Madison Road at approximately the 17.1 milepoint.	STP	2022	U	150,000
				STP	2023	C	1,600,000
3-9024.00	KY 185	1.80	Perform low-cost safety improvements on KY 185 from MP 8.250 to MP 10.050 in Warren County.	HSIP	2022	U	10,000
				HSIP	2023	C	750,000
TOTAL FUNDING FOR ALL TIP PROJECTS							120,368,529

Federally Funded Transportation Projects									
Bowling Green-Warren County MPO TIP (FY2019-2024)									
KYTC ID	Route	Length	Project Description						
3-9024.00	KY-185	1.800	Perform low-cost safety improvements on KY 185 from MP 8.250 to MP 10.050 in Warren County.						
Fund Type	Phase	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future	Total Funding
HSIP	U				\$ 10,000				\$ 10,000
HSIP	C					\$ 750,000			\$ 750,000
TOTAL									\$ 760,000

Federally Funded Transportation Projects									
Bowling Green-Warren County MPO TIP (FY2019-2024)									
KYTC ID	Route	Length	Project Description						
3-166.00	US-68	0.45	Construct left and right turn lanes from US 68/KY 80 onto Fred Madison Road at approximately the 17.1 milepoint.						
Fund Type	Phase	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future	Total Funding
STP	C					\$ 1,600,000			\$ 1,600,000
STP	U				\$ 150,000				\$ 150,000
TOTAL									\$ 1,750,000

TABLE 9 PROJECTS CONTRIBUTING TO THE ACHIEVEMENT OF HIGHWAY PERFORMANCE TARGETS				
KYTC ID	Route	Project Description	Total Phase Cost	Performance Measure
3-110.3	KY-185	Improve KY-185 from 0.24 miles south of Pruitt Rd to 0.16 miles south of KY 1320. MP 6.540 to 8.350	8,500,000	Safety
3-199.00	US-31W	Improve US-31W from south of KY-242 (Richpond Road) to Dillard Road. BMP/EMP 4.1-6.7	11,690,000	Safety
3-166.00	US-68	Construct left and right turn lanes from US 68/KY 80 onto Fred Madison Road at approximately the 17.1 milepoint.	1,750,000	Safety
3-199.99	US-31W	Construct a pedestrian underpass under US-31W connecting Buchanon Park trail to Chaney's Dairy Barn.	450,000	Safety
3-933.00	US-31W	Installation of an Intersection Conflict Warning System and minor access management improvements at the intersection of US 31W (Nashville Rd) and KY 240 (Woodburn Allen Springs Rd / Petros Rd).	150,000	Safety
3-935	US-31W KY-234	Installation of pavement markers on various routes in Warren County.	51,355	Safety
3-3018.00	GW	Rehabilitation of the College Street pedestrian bridge in Downtown Bowling Green.	1,650,000	Safety
3-2042.20	I-165	I-65 spur corridor: Improve the Natcher Parkway/US-231 interchange (Exit 9) on the west side of Bowling Green. (See 3-202 for Design)	8,400,000	Safety
3-3205.00	GW	Funding for this project will pay for construction of a new greenway path connecting Moss Middle School to an existing greenway on Creekwood Drive. The project will include a bridge over Jennings Creek, lighting, benches and a trailhead marker.	175,000	Safety
3-3206.00	GW	Construct 10' bike/ped trail from Roland Bland Park to Hobson Grove Park to close the gap between Downtown Bowling Green and the West End in Bowling Green.	1,137,441	Safety
3-3219.00	GW	Funding will pay for the City of Bowling Green to maintain/improve sidewalks and/or provide ADA compliance on state-maintained roadways	846,483	Safety
3-4307.0	KY-234	Install guardrail on KY-234 (Cemetery Rd).	25,000	Safety
3-8702.00	US-231	Improve US-231 (Scottsville Road) from Pascoe Blvd to north of Cave Mill Road.	3,400,000	System Reliability
03-8707	WN-9007	Construct a new interchange on I-165 (Natcher Parkway) at Erlod Road in Bowling Green (MP 3.4 - MP 4.0).	43,190,000	Safety
3-8905.00	US-31W	Improve mobility and reduce congestion on US-31W from US-68 to Mizpah Road.	5,760,000	Safety
3-9015.00	KY-234	Perform safety improvements on KY-234 (Cemetery Rd) from the Warren/Allen County line to CR-1175/CR-1155 in Warren County. MP 0.0 to 7.218	1,250,000	Safety
3-9018.00	US-231	Construct a right turn lane along US 231 (Campbell Ln) at the intersection with Gary Farms Blvd.	400,000	Safety
3-9019.00	US-231	Intersection and corridor improvements to reduce conflict points and enhance safety along US 231 (Scottsville Rd) from MP 3.0 to 6.6.	400,000	Safety
3-9020.00	US-68	Remove raised median and construct a left turn lane at Old Tram Road and US 68 (Russellville Rd).	100,000	Asset Management - Bridge Condition
3-9024.00	KY-185	Perform low-cost safety improvements on KY 185 from MP 8.250 to MP 10.050 in Warren County.	760,000	Safety
3-10015.00	KY-1435	Address deficiencies of KY-1435 bridge over Gasper River. MP 9.445 to 9.481	1,250,000	Asset Management - Pavement Condition
3-20016.00	I-65	Address pavement condition of I-65 both directions from MP 19.6 to 25.2.	14,850,000	Asset Management - Pavement Condition
3-20018.00	I-165	Address pavement condition of the Natcher Parkway both directions from MP 0 to 2.473.	2,200,000	Safety
3-9012.00	US-68	Perform low-cost safety improvements on US-68 (Glasgow Rd). MP 20.889 to MP 27.284	1,140,000	Asset Management - Bridge Condition
3-80151.00	CR-1350	Rehabilitate bridge over Barren River on Old Richardsville Rd (CR-1350).	650,000	Safety
3-80203.00	US-31W	Improve mobility and reduce congestion on US-31W (Louisville Road) from Mizpah Road to Freeport Road.	4,000,000	Safety
3-80214.00	I-65	Construct a two-lane roundabout at the intersection of KY-101 and the I-65 southbound entrance and exit ramps in Smiths Grove. Widen the existing I-65 southbound exit ramp to two lanes and extend the beginning point of the ramp approximately five-hundred feet.	750,000	Safety
TOTAL TIP FUNDING			114,925,279	
Total Safety			94,185,279	
Total Pavement Condition			16,100,000	
Total System Reliability			3,400,000	
Total Bridge Condition			1,240,000	