

KENTUCKY

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

ADMINISTRATIVE MODIFICATION #2021.248

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 #2 to the FY 2024-2028 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 2024 "fiscal constraint" recalculations.

III. Administrative Modification Approval:

Modification Recommended for Approval:

JILL LAMB for Ron Rigney 12/5/2023

Kentucky Transportation Cabinet Date

Ronald B. Rigney, Director

Division of Program Management

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

**FY 2024-28 Transportation Improvement Program (TIP)
Modification #02**

ACTION:

The Bowling Green-Warren County Metropolitan Planning Organization (MPO) hereby modifies the FY 2024-2028 Transportation Improvement Program (TIP). This modification reflects the authorization of Transportation Alternative Program (TAP) funding for a pedestrian safety improvement project on Riverview Drive in Bowling Green.

ITEM #: 3-3026

DESCRIPTION: Construction of pedestrian islands at the intersections of: Riverview Drive & College Street and Riverview Drive & Center Street.

SCOPE OF WORK: Bicycle and Pedestrian Facilities

ROUTE: N/A

PHASE: D, C

TYPE OF FUND: TAP

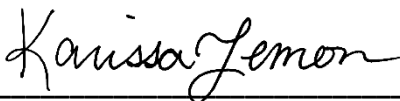
FY: 2024

AMOUNT: \$88,317

Other Information: This TIP Modification adds specific funding levels for Transportation Alternative Program (TAP) listed in *Table 2 (Summary of Funding)* and adds the listed project phases to *Table 4 (Federally Funded Projects)* and *Table 9 (Projects Contributing to the Achievement of Highway Performance Targets)* of the FY 2024-2028 TIP.). TAP projects are a project type 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 6.4 – Grouped Projects* – 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 amended FY2024-2028 TIP tables are included on the following pages.

Approved



Karissa Lemon
MPO Coordinator
Bowling Green-Warren County MPO

12/4/2023

Date

TABLE 2 | SUMMARY OF HIGHWAY FUNDING TYPES

		FUNDING TYPE										
FISCAL YEAR		NH	STP	HSIP	TAP	GR	BRO	BRX	BRZ	CRP	FLAP	TOTAL
2024	Est. Cost	\$ 22,640,000	\$ 15,860,000	\$ 1,266,000	\$ 929,720	\$ 25,000	\$ -	\$ -	\$ -	\$ 504,380	\$ 562,500	\$ 41,787,600
	Revenue	\$ 22,640,000	\$ 15,860,000	\$ 1,266,000	\$ 929,720	\$ 25,000	\$ -	\$ -	\$ -	\$ 504,380	\$ 562,500	\$ 41,787,600
2025	Est. Cost	\$ 33,520,000	\$ 435,000	\$ -	\$ -	\$ -	\$ 4,158,000	\$ 7,425,000	\$ -	\$ 252,190		\$ 45,790,190
	Revenue	\$ 33,520,000	\$ 435,000	\$ -	\$ -	\$ -	\$ 4,158,000	\$ 7,425,000	\$ -	\$ 252,190		\$ 45,790,190
2026	Est. Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 506,000	\$ 252,190		\$ 758,190
	Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 506,000	\$ 252,190		\$ 758,190
2027	Est. Cost	\$ -	\$ 4,665,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 4,665,000
	Revenue	\$ -	\$ 4,665,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 4,665,000
2028	Est. Cost	\$ 5,517,600	\$ -	\$ -	\$ -	\$ -	\$ 19,272,000	\$ -	\$ -	\$ -		\$ 24,789,600
	Revenue	\$ 5,517,600	\$ -	\$ -	\$ -	\$ -	\$ 19,272,000	\$ -	\$ -	\$ -		\$ 24,789,600
TOTAL	Est. Cost	\$ 61,677,600	\$ 20,960,000	\$ 1,266,000	\$ 929,720	\$ 25,000	\$ 23,430,000	\$ 7,425,000	\$ 506,000	\$ 1,008,760	\$ 562,500	\$ 117,790,580
	Revenue	\$ 61,677,600	\$ 20,960,000	\$ 1,266,000	\$ 929,720	\$ 25,000	\$ 23,430,000	\$ 7,425,000	\$ 506,000	\$ 1,008,760	\$ 562,500	\$ 117,790,580

TABLE 4 | FEDERALLY FUNDED TRANSPORTATION PROJECTS

KYTC ID	ROUTE	LENGTH	PROJECT DESCRIPTION	FUND TYPE	YEAR	PHASE	TOTAL PHASE COST (\$)
3-110.3	KY-185	1.81	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	STP	2024	C	8,500,000
3-110.4	KY-185	1.54	Improve KY-185 from 0.32 miles south of Austin Raymer Road to 0.08 miles south of the bridge over Ivy Creek.	STP	2025	U	435,000
	STP			2027	C	4,665,000	
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	2024	C	1,600,000
3-933.00	US-31W	0.38	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).	HSIP	2024	C	140,000
3-934.00	US-68	4.52	Replacement of targeted Guardrail End Treatments on various routes in District 3.	HSIP	2024	C	222,000
3-3026.00	US-31W	-	Installation of pedestrian islands at intersections on Riverview Drive at College Street and Center Street.	TAP	2024	D	7,570
				TAP	2024	C	80,747
3-3206.00	GW	2.38	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.	TAP	2024	C	841,403
3-4307.0	KY-234	0.11	Install guardrail on KY-234 (Cemetery Rd).	GR	2024	C	25,000
03-8707	I-165	0.60	Construct a new interchange on I-165 (Natcher Parkway) at Elrod Road in Bowling Green. MP 3.4 - MP 4.0	NH	2024	D	980,000
				NH	2024	R	9,700,000
				NH	2024	U	8,960,000
				NH	2025	C	30,520,000
3-8905.00	US-31W	1.59	Major widening to improve mobility and reduce congestion on US-31W from US-68 to Mizpah Road. MP 20.904 to 22.490	STP	2024	C	5,760,000
3-9024.00	KY-185	1.8	Perform low-cost safety improvements on KY-185 from MP 8.250 to MP 10.050 in Warren County.	HSIP	2024	U	10,000
					2024	C	894,000
3-10049.00	KY-185	0.11	Bridge project in Warren County on KY-185 at Barren River.	BRX	2025	D	675,000
					2025	C	6,750,000
3-10051.00	KY-880/ US-68	0.04	Bridge project in Warren County on KY-880/US-68 at Jennings Creek.	BRO	2025	D	378,000
					2025	C	3,780,000
3-10052.00	I-65	0.12	Bridge project in Warren County on I-65 at Barren River.	BRO	2028	D	1,752,000
					2028	C	17,520,000
3-10053.00	CR-1388	0.01	Bridge project in Warren County on Greencastle Road at Taylor Branch.	BRZ	2026	D	46,000
					2026	C	460,000
3-22132.00	I-165	6.60	Address condition of I-165 from milepoint 0.521 to milepoint 7.121.	NHP	2028	D	501,600
					2028	C	5,016,000
3-80203.00	US-31W	0.75	Improve mobility and reduce congestion on US-31W (Louisville Road) from Mizpah Road to Freeport Road.	NH	2024	R	2,000,000
					2024	U	1,000,000
					2025	C	3,000,000
N/A	N/A	-	Implementation of various bicycle/pedestrian projects to reduce carbon emissions in Warren County.	CRP	2024	C	504,380
					2025	C	252,190
					2026	C	252,190
KY FLAP 19	N/A	-	Planning study for Bowling Green-Mammoth Cave National Park Shared Use Path	FLAP	2024	P	562,500
TOTAL FUNDING FOR ALL TIP PROJECTS							117,790,580

Federally Funded Transportation Projects								
KYTC ID	Route	Length	Project Description					
3-3026	US-31W	-	Installation of pedestrian islands at intersections on Riverview Drive at College Street and Center Street.					
Fund Type	Phase	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future	Total Funding
TAP	D	\$ 7,570						\$ 7,570
TAP	C	\$ 80,747						\$ 80,747
TOTAL								\$ 88,317

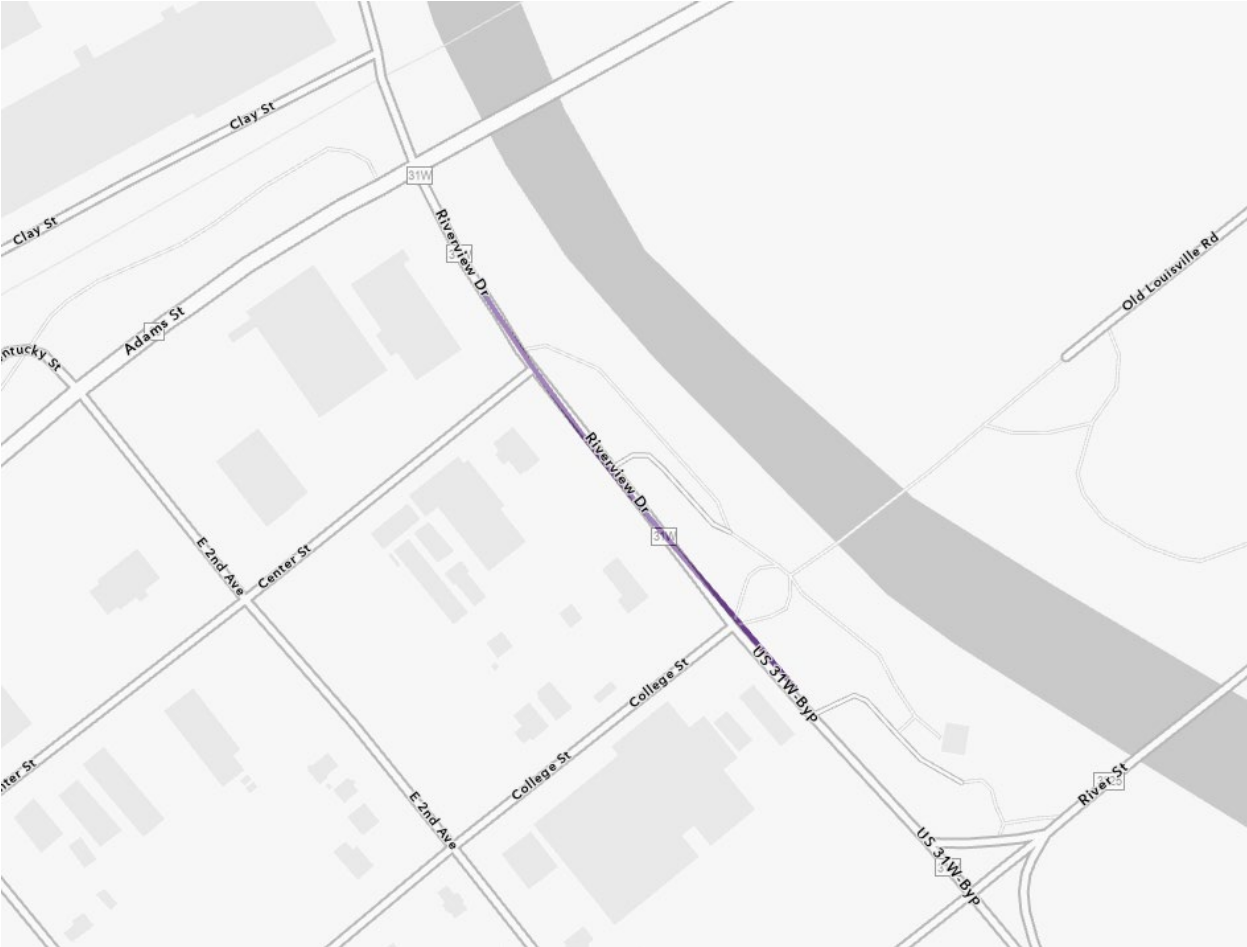


TABLE 9 | PROJECTS CONTRIBUTING TO THE ACHIEVEMENT OF HIGHWAY PERFORMANCE TARGETS

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
3-110.4	KY-185	Improve KY-185 from 0.32 miles south of Austin Raymer Road to 0.08 miles south of the bridge over Ivy Creek.	5,100,000	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.	1,600,000	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).	140,000	Safety
3-934.00	US-68	Replacement of targeted Guardrail End Treatments on various routes in District 3.	222,000	Safety
3-3026.00	US-31W	Installation of pedestrian islands at intersections on Riverview Drive at College Street and Center Street.	88,317	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.	841,403	Safety
3-4307.0	KY-234	Install guardrail on KY-234 (Cemetery Rd).	25,000	Safety
03-8707	I-165	Construct a new interchange on I-165 (Natcher Parkway) at Elrod Road in Bowling Green. MP 3.4 - MP 4.0	50,160,000	System Reliability
3-8905.00	US-31W	Major widening to improve mobility and reduce congestion on US-31W from US-68 to Mizpah Road. MP 20.904 to 22.490	5,760,000	System Reliability
3-9024.00	KY-185	Perform low-cost safety improvements on KY-185 from MP 8.250 to MP 10.050 in Warren County.	904,000	Safety
3-10049.00	KY-185	Bridge project in Warren County on KY-185 at Barren River.	7,425,000	Asset Management - Bridge Condition
3-10051.00	KY-880/ US-68	Bridge project in Warren County on KY-880/US-68 at Jennings Creek.	4,158,000	Asset Management - Bridge Condition
3-10052.00	I-65	Bridge project in Warren County on I-65 at Barren River.	19,272,000	Asset Management - Bridge Condition
3-10053.00	CR-1388	Bridge project in Warren County on Greencastle Road at Taylor Branch.	506,000	Asset Management - Bridge Condition
3-22132.00	I-165	Address condition of I-165 from milepoint 0.521 to milepoint 7.121.	5,517,600	Asset Management - Pavement Condition
3-80203.00	US-31W	Improve mobility and reduce congestion on US-31W (Louisville Road) from Mizpah Road to Freeport Road.	6,000,000	Safety
TOTAL TIP FUNDING			116,219,320	
Total Safety			23,420,720	
Total Pavement Condition			5,517,600	
Total System Reliability			55,920,000	
Total Bridge Condition			31,361,000	