

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

**FY 2024-28 Transportation Improvement Program (TIP)
Administrative Modification #10**

ACTION:

The Bowling Green-Warren County Metropolitan Planning Organization (MPO) hereby modifies the FY 2024-2028 Transportation Improvement Program (TIP).

This modification provides funding levels for the utility phase of project 03-941.

ITEM #s: 03-941

DESCRIPTION: Construct a roundabout on US 31W from milepoint 1.25 to 1.61 in Warren County.

SCOPE OF WORK: Intersection/Safety Improvement

ROUTE: US-31W

PHASE: U

TYPE OF FUND: HSIP

FY: 2025

AMOUNT: \$274,000

Other Information: This TIP Modification modifies specific funding levels listed for STP projects in *Table 2 (Summary of Funding)* of the TIP and modifies the existing project in *Table 4 (Federally Funded Projects)*. This modification references *Table 6.1 (Short-Range Transportation Projects)* in the 2045 MTP. TIP actions for these projects will not require additional public review. This action involves a commitment of accelerated 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 FY2024-2028 TIP tables are included on the following pages.

Approved



Carroll Duckworth

MPO Coordinator

Bowling Green-Warren County MPO

11/18/2024

Date

TABLE 2 SUMMARY OF HIGHWAY FUNDING TYPES														
FISCAL YEAR		FUNDING TYPE												
		NH	STP	FBP	SPP	HSIP	TAP	GR	BRO	BRX	BRZ	CRP	FLAP	TOTAL
2024	Est. Cost	\$ 5,690,000	\$ 29,057,785	\$ -	\$ 770,000	\$ 5,958,125	\$ 929,720	\$ 25,000	\$ -	\$ -	\$ -	\$ 196,066	\$ 562,500	\$ 43,189,196
	Revenue	\$ 5,690,000	\$ 29,057,785	\$ -	\$ 770,000	\$ 5,958,125	\$ 929,720	\$ 25,000	\$ -	\$ -	\$ -	\$ 196,066	\$ 562,500	\$ 43,189,196
2025	Est. Cost	\$ 14,520,000	\$ 10,000,000	\$ -	\$ 435,000	\$ 1,774,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 111,732	\$ -	\$ 26,840,732
	Revenue	\$ 14,520,000	\$ 10,000,000	\$ -	\$ 435,000	\$ 1,774,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 111,732	\$ -	\$ 26,840,732
2026	Est. Cost	\$ 3,600,000	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,138,300	\$ -	\$ 9,738,300
	Revenue	\$ 3,600,000	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,138,300	\$ -	\$ 9,738,300
2027	Est. Cost	\$ 67,620,000	\$ 5,000,000	\$ -	\$ 4,665,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,285,000
	Revenue	\$ 67,620,000	\$ 5,000,000	\$ -	\$ 4,665,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,285,000
2028	Est. Cost	\$ 17,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,300,000
	Revenue	\$ 17,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,300,000
2029	Est. Cost	\$ 75,910,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,651,000	\$ 1,042,142	\$ -	\$ -	\$ -	\$ 78,603,142
	Revenue	\$ 75,910,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,651,000	\$ 1,042,142	\$ -	\$ -	\$ -	\$ 78,603,142
2030	Est. Cost	\$ 16,677,600	\$ -	\$ 115,920	\$ -	\$ -	\$ -	\$ -	\$ 17,093,398	\$ 10,839,712	\$ -	\$ -	\$ -	\$ 44,726,630
	Revenue	\$ 16,677,600	\$ -	\$ 115,920	\$ -	\$ -	\$ -	\$ -	\$ 17,093,398	\$ 10,839,712	\$ -	\$ -	\$ -	\$ 44,726,630
TOTAL	Est. Cost	\$ 201,317,600	\$ 49,057,785	\$ 115,920	\$ 5,870,000	\$ 7,732,125	\$ 929,720	\$ 25,000	\$ 18,744,398	\$ 11,881,854	\$ -	\$ 1,446,098	\$ 562,500	\$ 297,683,000
	Revenue	\$ 201,317,600	\$ 49,057,785	\$ 115,920	\$ 5,870,000	\$ 7,732,125	\$ 929,720	\$ 25,000	\$ 18,744,398	\$ 11,881,854	\$ -	\$ 1,446,098	\$ 562,500	\$ 297,683,000

TABLE 4 FEDERALLY FUNDED TRANSPORTATION PROJECTS								
KYTC ID	ROUTE	LENGTH	MTP REFERENCE	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	14,073,125
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.	SPP	2024	R	770,000
					SPP	2025	U	435,000
					SPP	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
3-938.00	US-68 / KY-101	0.30		Convert intersection at US-68 at KY-101 to a roundabout (MP 22.100 – 22.400 and MP 7.200 – 7.350).	HSIP	2024	C	1,100,000
3-939.00	US-68	0.80		Convert intersection at US-68 at KY-242 to an RCUT and study corridor for additional RCUTS (MP 2.800 – 3.600).	HSIP	2024	C	1,500,000
3-940.00	US-231	0.70		Convert intersection at US-231 at I-165 to a Diverging Diamond Interchange (MP 14.500 – 15.200).	HSIP	2024	C	2,000,000
3-941.00	US-31W	0.36		Construct a roundabout on US 31W from milepoint 1.25 to 1.61 in Warren County. (2024BOP)	HSIP	2025	U	274,000
3-3026.00	US-31W	-		Installation of pedestrian islands at intersections on Riverview Drive at College Street and Center Street.	TAP	2024	C	7,570
					TAP	2024	D	80,747
3-3206.00	GW	2.38	Table 7.4 / TAP	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
3-4307.00	KY-234	0.11		Install guardrail on KY-234 (Cemetery Rd).	GR	2024	C	25,000
3-8707.00	I-165	0.60	Table 7.2	Construct a new interchange on I-165 (Natcher Parkway) at Elrod Road in Bowling Green. MP 3.4 - MP 4.0	NH	2025	D	940,000
					NH	2027	R	8,810,000
					NH	2027	U	8,290,000
					NH	2029	C	26,310,000
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	10,384,660
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	2024	U	10,000
3-10049.00	KY-185	0.11		Bridge project in Warren County on KY-185 at Barren River.	HSIP	2024	C	986,125
					BRX	2029	D	1,042,142
3-10051.00	KY-880/ US-68	0.04		Bridge project in Warren County on KY-880/US-68 at Jennings Creek.	BRX	2030	C	6,947,616
					BRO	2030	D	583,814
3-10052.00	I-65	0.12		Bridge project in Warren County on I-65 at Barren River.	BRX	2030	C	3,892,096
					BRO	2029	D	1,651,000
3-10053.00	CR-1388	0.01		Bridge project in Warren County on Greencastle Road at Taylor Branch.	BRO	2030	C	16,509,584
3-22132.00	I-165	6.60		Address condition of I-165 from milepoint 0.521 to milepoint 7.121.	FBP	2030	D	115,920
					NHPM	2030	C	551,760
3-80203.00	US-31W	0.75		Improve mobility and reduce congestion on US-31W (Louisville Road) from Mizpah Road to Freeport Road.	NHPM	2030	C	4,965,840
					NH	2024	R	2,000,000
					NH	2024	U	1,000,000
N/A	US-231	0.22		Construct shared use path on US-231 (Scottsville Road) from KY-884 (Three Springs Road) to US-231X (Campbell Ln).	NH	2025	C	3,000,000
					CRP	2024	D	196,066
					CRP	2025	R	111,732
					CRP	2026	C	1,138,300
KY FLAP 19	N/A	-		Planning study for Bowling Green-Mammoth Cave National Park Shared Use Path	FLAP	2024	P	562,500
3-80320.00	US-68	0.80		Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky.	NH	2024	D	750,000
					NH	2026	R	1,000,000
					NH	2026	U	1,500,000
					NH	2027	C	7,750,000
3-20	I-65	0.289		Complete I65/US68 (Glasgow Road)diamond interchange by adding Northbound on-ramp and southbound off-ramp	NH	2024	D	700,000
					NH	2025	R	500,000
					NH	2026	U	1,100,000
					NH	2028	C	8,000,000
3-21	I-65	2		Preliminary engineering and environmental study for new I-65 interchange in southern Warren County near Woodburn.	NH	2025	D	2,000,000
3-80302	US-31	Null		Improve safety and mobility on US 31 W from Freeport to Road to KY 101.	NH	2025	D	1,860,000
					NH	2027	R	7,150,000
					NH	2027	U	7,440,000
					NH	2029	C	23,560,000
3-80303	US-68	Null		Reduce congestion and improve safety and mobility on Russellville Road from Morgantown Road to University Drive (US 231x/US 68x).	NH	2024	D	1,240,000
					NH	2027	R	3,900,000
					NH	2028	U	5,580,000
					NH	2030	C	11,160,000
3-80307	US-31	Null		Improve safety and mobility on US 31W from KY 3225 to KY 957, including the reconstruction of the interchange with KY 6.	NH	2025	D	1,860,000
					NH	2027	R	6,500,000
					NH	2027	U	7,440,000
					NH	2029	C	14,880,000
3-80311	US-31	Null		Construct dual-lane roundabout at Broadway Ave and US 31W bypass.	STP1	2024	D	3,000,000
					STP1	2025	R	10,000,000
					STP1	2026	U	5,000,000
					STP1	2027	C	5,000,000
3-80322	I-65	Null		Improve safety and mobility on KY 234 at I 65, including the reconstruction of the interchange.	NH	2025	D	1,860,000
					NH	2027	R	330,000
					NH	2027	U	310,000
					NH	2028	C	3,720,000
3-80327	US-68	0.34		Major widening of 68X (Russellville Rd) including construction of roundabouts at intersections with Morgantown Rd. and University Blvd. scope includes reconstruction of CSX overpass and pedestrian and bicycle accommodations near WKU campus.	NH	2025	D	2,500,000
					NH	2027	R	3,900,000
					NH	2027	U	5,800,000
					NH	2029	C	11,160,000

TOTAL FUNDING FOR ALL TIP PROJECTS

297,683,000

Federally Funded Transportation Projects										
KYTC ID	Route	Length	Project Description							
3-941.00	US-31W	0.36	Construct a roundabout on US 31W from milepoint 1.25 to 1.61 in Warren County. (2024BOP)							
Fund Type	Phase	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Future	Total Funding
HSIP	U		\$ 274,000							\$ 274,000
HSIP	C		\$ 1,500,000							\$ 1,500,000
TOTAL										\$ 1,774,000

