

KENTUCKY

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

ADMINISTRATIVE MODIFICATION #2021.321

I. Proposed Action:

Modify the KYTC's FY 2021-2024 Statewide Transportation Improvement Program (STIP) to include the Bowling Green-Warren County MPO's Amendment #1 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:

Approval of Modification:

Ronald B. Rigney 7/23/2024

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

Date

Federal Highway Administration Date

**RESOLUTION
OF THE
BOWLING GREEN - WARREN COUNTY
METROPOLITAN PLANNING ORGANIZATION
AMENDING THE
2045 METROPOLITAN TRANSPORTATION PLAN
AMENDMENT NO. 1
AND
FY 2024-2028 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT NO. 1**

WHEREAS, Section 134, Title 23, USC requires that a continuing, comprehensive transportation planning process be carried out cooperatively in areas of more than 50,000 population and that the urban transportation planning process shall include the development of a Metropolitan Transportation Plan (MTP) and the development of a Transportation Improvement Program (TIP) for the metropolitan planning area with both documents amended on as needed basis; and

WHEREAS, the Policy Committee is the designated Metropolitan Planning Organization (MPO) for the Bowling Green - Warren County MPO urbanized area; and

WHEREAS, the transportation planning process is being carried out in conformance with all Federal requirements and has been so certified and all federally funded highway and transit projects must be in the TIP prior to expenditure of funds; and

WHEREAS, the amendment described in this resolution to the 2045 Bowling Green - Warren County Metropolitan Transportation Plan (MTP) and the 2024-2028 Transportation Improvement Program have been developed by the MPO staff in consultation with, and is recommended by, the MPO Technical Advisory Committee; and

WHEREAS, it has been determined that these amendments have been developed in accordance with the MPO Participation Plan; and

WHEREAS, these amendments are consistent with the Title VI of the Civil Rights Act requirements related to nondiscrimination in federally assisted programs; and

WHEREAS, this amendment will result in a MTP and TIP that remains fiscally constrained; and

NOW, THEREFORE BE IT RESOLVED that the Policy Committee of the Bowling Green - Warren County MPO hereby amends the 2045 Bowling Green - Warren County Metropolitan Transportation Plan (MTP) and the 2024-2028 Transportation Improvement Program to add the attached listing of highway improvements to both documents:

The undersigned duly qualified and acting Chairman certifies that the foregoing is true and correct reflection of the action taken by the MPO Policy Committee

Adopted by the Policy Committee this _____ day of July, 2024.



Doug Gorman, Chairman
Policy Committee
Bowling Green - Warren County MPO

7/18/24

Date

2045 Metropolitan Transportation Plan

Bowling Green – Warren County Metropolitan Planning Organization

Amendment No. 1

ITEM #s: 03-80320.000

DESCRIPTION: Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky.

SCOPE OF WORK: Reconstruction

ROUTE: US-68

PHASE: D,R,U,C

TYPE OF FUND: NH

FY: 2024, 2026, 2027

AMOUNT: \$11,000,000

Other Information: This MTP Amendment amends specific funding levels listed in *Table 6.1 (Short-Range Transportation Projects)* in the 2045 MTP. It amends the specific funding levels listed for NH projects in *Table 2 (Summary of Funding)* of the TIP as well as *Table 4 (Federally Funded Projects)*. This action involves a commitment of additional 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.

This MTP amendment for this project will require additional public review as stipulated in *Figure 2* of the Participation Plan adopted April 2023. MTP Amendments are major revisions to the MTP, such as adding or deleting a significant project or major changes to a project that change the financial constraint of the MTP; changes to illustrative projects included in the MTP do not require amendments. Amendments require a 15-day public review and comment period. Notification procedures for MTP amendments are outlined below.

Figure 2 | Public Notification & Review Periods for MPO Documents

Plan Document	Review Period	Public Meetings	Public Notice*
Participation Plan (PP)	45 days	Optional	Web/PR
Metropolitan Transportation Plan (MTP)	30 days	One minimum	Web/PR
Transportation Improvement Program (TIP)	30 days	Optional	Web/PR
Multimodal / Focal Point Plans (Bike/Ped, Transit)	30 days	One minimum	Web/PR
TIP & MTP Amendment	15 days	Optional	Web/PR
TIP & MTP Modification	-	N/A	Web
Unified Planning Work Program (UPWP)	-	N/A	Web
Annual Performance & Expenditure Report	-	N/A	Web
Annual Listing of Obligated Transportation Projects	-	N/A	Web

*Public Notice Key: (Web) MPO Website; (PR) Press Release

Priority Transportation Projects: 2045 Metropolitan Transportation Plan

TABLE 6.1 | Short-Range Transportation Projects

MTP ID	SYP ID	ROUTE	DESCRIPTION	TOTAL COST	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	2024 (\$)	2025 (\$)	2026 (\$)	2027 (\$)
1	3-110.30	KY-185	KY 185 0.24 miles south of Pruitt Rd to 0.16 miles south of KY 1320 Reconstruction	9,360,000	830,000	8,530,000	-	-	-	-	-	-
2	3-110.40	KY-185	KY 185 0.22 miles north of Austin Raymer Rd to 0.08 miles south of Ivy Creek bridge Reconstruction	4,965,000	300,000	4,665,000	-	-	-	-	-	-
3	3-199.00	US-31W	US 31W (Nashville Rd) South of KY 242 (Richpond Road) to Dillard Rd Major Widening	11,690,000	-	11,690,000	-	-	-	-	-	-
4	3-199.99	US-31W	US 31W (Nashville Rd) Buchanan Park to Chaney's Dairy Barn Construct pedestrian underpass	450,000	-	-	10,000	-	440,000	-	-	-
5	3-2042.20	I-165	I-165 US 231 (Morgantown Rd) Interchange Interchange Reconstruction	8,400,000	-	8,400,000	-	-	-	-	-	-
6	3-3206.00	GW	West End Bike/Ped Roland Bland Park to Hobson Grove Park Construct Greenway Trail	1,030,805	1,030,805	-	-	-	-	-	-	-
7	3-3207.00	GW	KY 240 (Woodburn-Allen Springs Rd) Bike/Ped Fletcher St to Main St in Woodburn Construct Sidewalk	126,007	126,007	-	-	-	-	-	-	-
8	3-3219.00	GW	Numerous State Routes Bike/Ped ADA Compliance/Sidewalk Rehabilitation completed by City of BG	846,483	846,483	-	-	-	-	-	-	-
9	3-4307.00	KY-234	KY 234 (Cemetery Rd) Between Jack Johnson Rd and Hayes Rd Install guardrail	25,000	-	-	25,000	-	-	-	-	-
10	3-8702.00	US-231	US 231 (Scottsville Rd) Pascoe Blvd to north of Cave Mill Rd Major Widening	3,400,000	-	-	3,400,000	-	-	-	-	-
11	3-8818.00	KY-884	KY 884 (Three Springs Rd) Natcher Parkway overpass to near Flealand Minor Widening	16,000,000	-	2,310,000	4,910,000	8,780,000	-	-	-	-
12	3-8853.00	US-31W	US 31W (Nashville Rd) South of intersection with KY 240 (Woodburn-Allen Springs Rd) to Buchanan Park Minor Widening	17,300,000	-	1,800,000	2,000,000	13,500,000	-	-	-	-
13	3-8854.00	KY-234	KY 234 (Cemetery Rd) Fountain Trace to Roger Porter Road Reconstruction	14,250,000	-	1,000,000	6,250,000	-	7,000,000	-	-	-
14	3-8857.00	US-31W	US 31W (Nashville Rd) Campbell Lane to Oaklawn Way Major Widening	12,100,000	-	1,750,000	-	5,800,000	-	4,500,000	-	-

MTP ID	SYP ID	ROUTE	DESCRIPTION	TOTAL COST	2020 (\$)	2021 (\$)	2022 (\$)	2023 (\$)	2024 (\$)	2025 (\$)	2026 (\$)	2027 (\$)
15	3-8904.10	US-31W	US 31W Bypass Park St to Fairview Ave Minor Widening	7,750,000	-	-	1,500,000	-	1,750,000	4,500,000	-	-
16	3-8905.00	US-31W	US 31W (Louisville Road) US 68 (Glasgow Rd) to Mizpah Rd Major Widening	7,850,000	-	1,850,000	-	6,000,000	-	-	-	-
17	3-10015.00	KY-1435	KY 1435 (Barren River Rd) Bridge over Gasper River Address bridge deficiencies	1,250,000	1,250,000	-	-	-	-	-	-	-
18	3-20016.00	I-65	I-65 Simpson County line to KY 234 (Cemetery Rd) Address pavement condition, both directions.	14,850,000	-	1,350,000	13,500,000	-	-	-	-	-
19	3-20018.00	WN-9007	Natcher Parkway Scottsville Rd through I-65 interchange Address pavement condition, both directions.	2,200,000	-	2,200,000	-	-	-	-	-	-
20	3-80005.00	KY-242	KY 242 (Richpond Rd) At Richpond Elementary School Add left turn lane	660,000	400,000	260,000	-	-	-	-	-	-
21	3-80051.00	KY-3225	KY 3225 (River St) Old Louisville Rd split to US 31W (Louisville Rd) Road Diet	2,690,000	-	-	-	2,690,000	-	-	-	-
22	3-80052.00	KY-234	KY 234 (Fairview Avenue) Cemetery Ln to east of Hayes Ln Minor Widening	3,980,000	-	-	-	290,000	-	1,710,000	-	-
1001	3-80320.00	US-68	Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky.	11,000,000	-	-	-	-	750,000	-	2,500,000	7,750,000
TOTAL COST				141,173,295	4,783,295	45,805,000	31,595,000	37,060,000	22,920,000	10,760,000	2,500,000	7,750,000

2024-2028 Transportation Improvement Program

Bowling Green – Warren County Metropolitan Planning Organization

Amendment No. 1

ITEM #s: 03-80320.000

DESCRIPTION: Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky.

SCOPE OF WORK: Reconstruction

ROUTE: US-68

PHASE: D,R,U,C

TYPE OF FUND: NH

FY: 2024, 2026, 2027

AMOUNT: \$11,000,000

Other Information: This TIP Amendment amends specific funding levels listed for NH projects in *Table 2 (Summary of Funding)* of the TIP and modifies the existing project in *Table 4 (Federally Funded Projects)*. This amendment references *Table 6.1 (Short-Range Transportation Projects)* in the 2045 MTP. TIP actions for this project will require additional public review. This action involves a commitment of additional 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.

TABLE 2 | SUMMARY OF HIGHWAY FUNDING TYPES

FISCAL YEAR	FUNDING TYPE													TOTAL	
	NH	STP	HSIP	TAP	GR	BRO	BRX	BRZ	CRP	FLAP					
2024	Est. Cost	\$ 23,390,000	\$ 21,433,125	\$ 7,458,125	\$ 929,720	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196,066	\$ 562,500	\$ 53,994,536
	Revenue	\$ 23,390,000	\$ 21,433,125	\$ 7,458,125	\$ 929,720	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196,066	\$ 562,500	\$ 53,994,536
2025	Est. Cost	\$ 33,520,000	\$ 435,000	\$ -	\$ -	\$ -	\$ 4,158,000	\$ -	\$ 7,425,000	\$ -	\$ -	\$ 111,732	\$ -	\$ -	\$ 45,649,732
	Revenue	\$ 33,520,000	\$ 435,000	\$ -	\$ -	\$ -	\$ 4,158,000	\$ -	\$ 7,425,000	\$ -	\$ -	\$ 111,732	\$ -	\$ -	\$ 45,649,732
2026	Est. Cost	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 506,000	\$ -	\$ -	\$ -	\$ 4,144,300
	Revenue	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 506,000	\$ -	\$ -	\$ -	\$ 4,144,300
2027	Est. Cost	\$ 7,750,000	\$ 4,665,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,415,000
	Revenue	\$ 7,750,000	\$ 4,665,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,415,000
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	\$ 72,677,600	\$ 26,533,125	\$ 7,458,125	\$ 929,720	\$ 25,000	\$ 23,430,000	\$ 506,000	\$ 7,425,000	\$ 1,446,098	\$ 562,500	\$ -	\$ -	\$ -	\$ 140,993,168
	Revenue	\$ 72,677,600	\$ 26,533,125	\$ 7,458,125	\$ 929,720	\$ 25,000	\$ 23,430,000	\$ 506,000	\$ 7,425,000	\$ 1,446,098	\$ 562,500	\$ -	\$ -	\$ -	\$ 140,993,168

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	14,073,125
3-110.4	KY-185 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
3-938.00	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	2024	C	1,500,000
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
3-4307.00	KY-234	0.11	Install guardrail on KY-234 (Cemetery Rd).	GR	2024	C	25,000
3-8707.00	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	1.80	Perform low-cost safety improvements on KY-185 from MP 8.250 to MP 10.050 in Warren County.	HSIP	2024	U	10,000
				HSIP	2024	C	986,125
3-10049.00	KY-185	0.11	Bridge project in Warren County on KY-185 at Barren River.	BRX	2025	D	675,000
				BRX	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
				BRO	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
				BRO	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
				BRZ	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
				NHP	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
				NH	2024	U	1,000,000
				NH	2025	C	3,000,000
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).	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	0.8	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

TOTAL FUNDING FOR ALL TIP PROJECTS

140,993,168

Federally Funded Transportation Projects								
KYTC ID	Route	Length	Project Description					
3-80320.00	US-68	0.8	Modernize US-68 between Victoria Street and Clay Street in Bowling Green, Warren County, Kentucky.					
Fund Type	Phase	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future	Total Funding
NH	D	\$ 750,000						\$ 750,000
NH	R			\$ 1,000,000				\$ 1,000,000
NH	U			\$ 1,500,000				\$ 1,500,000
NH	C				\$ 7,750,000			\$ 7,750,000
TOTAL								\$ 11,000,000