

KENTUCKY

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

ADMINISTRATIVE MODIFICATION #2021.094

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 #2 to the FY 2019-2024 Transportation Improvement Program (TIP).

Location:

Bowling Green-Warren County MPO Area

Scope of Activity:

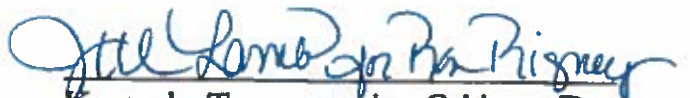
See the attachments for detail information.

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:


Kentucky Transportation Cabinet Date 7-8-22
Ronald B. Rigney, Director
Division of Program Management

Approval of Administrative Modification:

JOHN D
BALLANTYNE Digitally signed by JOHN D
BALLANTYNE Date: 2022.07.08 10:22:13 -04'00'
Federal Highway Administration Date

Noura Akkad Digitally signed by Noura Akkad
Date: 2022.07.08 09:17:43 -04'00'

Recommended by

Date

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

**FY 2019-24 Transportation Improvement Program (TIP)
Amendment #2**

ACTION:

The Bowling Green-Warren County Metropolitan Planning Organization (MPO) hereby amends the FY 2019-2024 Transportation Improvement Program (TIP). This amendment reflects the authorization of funds to add a minor widening project on US 31W (Louisville Road) from Mizpah Road to Freeport Road.

ITEM #s: 3-80203.00

DESCRIPTION: Improve mobility and reduce congestion on US-31W (Louisville Road) from Mizpah Road to Freeport Road.

SCOPE OF WORK: Congestion Mitigation

ROUTE: US 31W

PHASE: D, R, U

FY: 2023-2024

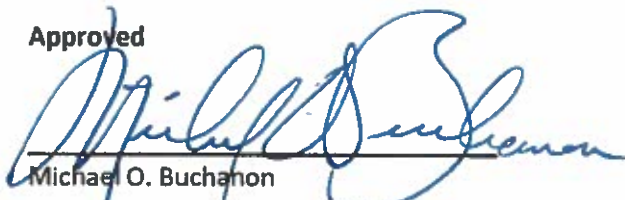
FUND TYPE: NH

AMOUNT: \$4,000,000

Other Information: This TIP Amendment amends specific funding levels listed for NH projects in Table 2 (*Summary of Funding*) and adds a project listing to Table 4 (*Federally Funded Projects*) and Table 9 (*Projects Contributing to the Achievement of Highway Performance Targets*) of the FY2019-2024 TIP. The changes in this Amendment reference Table 6.1 (*Short-Range Transportation Projects*) of the 2045 Metropolitan Transportation Plan (MTP) and are consistent with the project listed as MTP ID #16. Therefore, the project maintains consistency between the MTP and TIP documents. Additional funding beyond that previously identified in the TIP has been committed to these projects by the Federal Highway Administration and the 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 FY2019-2024 TIP tables are included on the following pages.

Approved



Michael O. Buchanan
Warren County Judge/Executive
Policy Committee, Chair
Bowling Green-Warren County MPO

7/1/2022

Date

**BOWLING GREEN-WARREN COUNTY
METROPOLITAN PLANNING ORGANIZATION (MPO)**

**FY2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
*AMENDMENT #2***

TABLE 2 SUMMARY OF HIGHWAY FUNDING TYPES							
FISCAL YEAR		FUNDING TYPE					TOTAL
		NH	HSIP	STP	TAP	RTP	
2019	Est. Cost	\$ 800,000	\$ 590,000	\$ 7,550,000	\$ 2,158,924		\$ 11,098,924
	Revenue	\$ 800,000	\$ 590,000	\$ 7,550,000	\$ 2,158,924		\$ 11,098,924
2020	Est. Cost	\$ -	\$ 3,812,000	\$ 1,550,000			\$ 5,362,000
	Revenue	\$ -	\$ 3,812,000	\$ 1,550,000			\$ 5,362,000
2021	Est. Cost	\$ 29,050,000	\$ 3,900,000	\$ 38,315,000			\$ 71,265,000
	Revenue	\$ 29,050,000	\$ 3,900,000	\$ 38,315,000			\$ 71,265,000
2022	Est. Cost	\$ 28,690,000	\$ 601,355	\$ 4,585,100		\$ 31,250	\$ 33,907,705
	Revenue	\$ 28,690,000	\$ 601,355	\$ 4,585,100		\$ 31,250	\$ 33,907,705
2023	Est. Cost	\$ 14,500,000		\$ 6,000,000	\$ 1,650,000		\$ 22,181,250
	Revenue	\$ 14,500,000		\$ 6,000,000	\$ 1,650,000		\$ 22,150,000
2024	Est. Cost	\$ 3,000,000		\$ 440,000			\$ 3,440,000
	Revenue	\$ 3,000,000		\$ 440,000			\$ 440,000
TOTAL	Est. Cost	\$ 76,040,000	\$ 8,903,355	\$ 58,440,100	\$ 3,808,924	\$ 31,250	\$ 147,223,629
	Revenue	\$ 73,040,000	\$ 8,903,355	\$ 58,440,100	\$ 3,808,924	\$ 31,250	\$ 144,223,629

TABLE 4 FEDERALLY FUNDED TRANSPORTATION PROJECTS							
KYTC ID	ROUTE	LENGTH	PROJECT DESCRIPTION	FUND TYPE	YEAR	PHASE	TOTAL PHASE COST
2-80203.00	US-31W	0.75	Improve mobility and reduce congestion on US-31W (Louisville Road) from Mizpah Road to Freeport Road.	NH	2023	D	\$ 1,000,000
					2024	R	\$ 2,000,000
					2024	U	\$ 1,000,000
TOTAL FUNDING FOR ALL TIP PROJECTS							\$148,223,529

Federally Funded Transportation Projects								
Bowling Green-Warren County MPO TIP (FY2019-2024)								
KYTC ID	Route	Length	Project Description					
3-80203.00	US-31W	0.75	Improve mobility and reduce congestion on US-31W (Louisville Road) from Mizpah Road to Freeport Road.					
Fund Type	Phase	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future	Total Funding
NH	D				\$ 1,000,000			\$ 1,000,000
NH	R					\$ 2,000,000		\$ 2,000,000
NH	U					\$ 1,000,000		\$ 1,000,000
NH	C						\$ 3,000,000	\$ 3,000,000
								\$ 7,000,000

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	\$ 10,910,000	Safety
3-110.4	KY-185	Improve KY-185 from 0.22 miles north of Austin Raymer Rd to 0.08 miles south of the Ivy Creek bridge.	\$ 4,965,000	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
3-199.99	US-31W	Construct a pedestrian underpass under US-31W connecting Buchanan 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	Safety
03-8707	WN-9007	Construct a new interchange on I-165 (Natcher Parkway) at Elrod Road in Bowling Green (MP 3.4 - MP 4.0)	\$ 43,190,000	System Reliability
3-8857.00	US-31W	Improve US-31W from Campbell Lane (US-231) to University Boulevard (US-231X).	\$ 12,100,000	Safety
3-8904.10	US-31W	Widen US-31W from Park Avenue to Fairview Avenue (MP 13.7 - 14.25)	\$ 8,550,000	Safety
3-8905.00	US-31W	Improve mobility and reduce congestion on US-31W from US-68 to Mizpah Road.	\$ 7,850,000	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	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 - Bridge 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	Asset Management - Pavement Condition
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	Safety
3-80151.00	CR-1350	Rehabilitate bridge over Barren River on Old Richardsville Rd (CR-1350).	\$ 650,000	Asset Management - Bridge Condition
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
TOTAL TIP FUNDING			\$ 141,780,279	
Total Safety			\$ 79,691,634	
Total Pavement Condition			\$ 17,050,000	
Total System Reliability			\$ 43,190,000	
Total Bridge Condition			\$ 1,900,000	