

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

**Transportation Improvement Program (TIP) FY 2016 - 2020
Administrative Modification #2018.04**

ACTION:

The Bowling Green-Warren County Metropolitan Planning Organization (MPO) hereby modifies the FY 2016 - 2020 Transportation Improvement Program (TIP). This modification reflects the addition of safety improvement projects incorporated into the existing TIP.

ITEM #s: 03-9010.10, 03-9010.20, 03-9010.30, 03-9010.40, 03-9010.50, 03-9010.60, 03-9010.70, 03-9010.80, 03-9010.90

DESCRIPTION: Installation of reflective backplates and other safety features and/or reconstruction of various intersections throughout Warren County to improve safety.

SCOPE OF WORK: Safety Improvements

PHASE: Construction

TYPE OF FUND: SAF

FY: 2018

AMOUNT: See attached tables

Other Information: This TIP Modification modifies specific funding levels listed for SAF projects in Table 1 of the TIP and adds the listed projects to Table 4. HSIP – Low Cost Safety Improvements 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. TIP actions for these projects will not require additional public review. The identification of specific projects from the Grouped Projects Table involves a commitment of additional funding for the project by the project sponsor (Kentucky Transportation Cabinet). The additional funding maintains financial constraint of the TIP and MTP documents, and no additional financial constraint analysis by the MPO is needed.

The modified 2016 - 2020 tables are included on the following pages.

Approved


Coordinator
Bowling Green-Warren County MPO

6/12/2018
Date

**TABLE 1
SUMMARY OF HIGHWAY FUNDING TYPES**

Bowling Green-Warren County MPO
Transportation Improvement Program FY 2016-2020

Funding Type	FY 2016		FY 2017		FY 2018		FY 2019		FY 2020		TIP Total	
	Est. Cost	Revenue	Est. Cost	Revenue	Est. Cost	Revenue	Est. Cost	Revenue	Est. Cost	Revenue	Est. Cost	Revenue
BR*							\$ 437,500	\$ 437,500	\$ 1,522,500	\$1,522,500	\$1,960,000	\$1,960,000
BRO					\$5,850,000	\$5,850,000					\$5,850,000	\$5,850,000
BRZ	\$635,000	\$635,000									\$635,000	\$635,000
FTA	\$1,384,000	\$1,384,000	\$1,987,000	\$1,987,000	\$1,550,000	\$1,550,000	\$1,613,000	\$1,613,000	\$1,688,000	\$1,688,000	\$8,222,000	\$8,222,000
IM	\$18,000,000	\$18,000,000									\$18,000,000	\$18,000,000
NH	\$800,000	\$800,000	\$14,150,000	\$14,150,000	\$2,700,000	\$2,700,000	\$26,920,000	\$26,920,000			\$44,570,000	\$44,570,000
PM*							\$9,770,000	\$9,770,000	\$13,083,000	\$13,083,000	\$22,853,000	\$22,853,000
SAF	\$555,000	\$555,000			\$410,000	\$410,000					\$965,000	\$965,000
SP	\$17,390,000	\$17,390,000	\$889,000	\$889,000	\$2,758,000	\$2,758,000	\$5,423,000	\$5,423,000	\$5,500,000	\$5,500,000	\$31,960,000	\$31,960,000
SPP	\$2,540,000	\$2,540,000	\$1,000,000	\$1,000,000	\$3,800,000	\$3,800,000	\$19,900,000	\$19,900,000	\$14,435,000	\$14,435,000	\$41,675,000	\$41,675,000
STP			\$200,000	\$200,000	\$800,000	\$800,000	\$500,000	\$500,000	\$15,350,000	\$15,350,000	\$16,850,000	\$16,850,000
TAP	\$177,474	\$177,474	\$132,000	\$132,000	\$566,000	\$566,000					\$875,474	\$875,474
TOTAL	\$41,481,474	\$41,481,474	\$18,358,000	\$18,358,000	\$18,434,000	\$18,434,000	\$64,563,500	\$64,563,500	\$51,578,500	\$51,578,500	\$192,265,474	\$192,265,474

**TABLE 4
FEDERALLY FUNDED TRANSPORTATION PROJECTS
Unauthorized Highway Plan Project Phases**

Bowling Green-Warren County MPO
Transportation Improvement Program FY 2016-2020

PROJECT ID	KYTC 6YP ID	ROUTE	LENGTH	PROJECT DESCRIPTION	FUND TYPE	YEAR	PHASE	PHASE COST	Modification 2018.04 Action
2016-1	03-16.04	I-65	-	Surfacing for I-65 to US-31W Connector including grade and drain on US-68 and US-31W.	IM	2016	C	\$18,000,000	
2016-2	03-2042.20	WN-9007	0.20	Reconstruct the existing Natcher Parkway/US-231 interchange on west side of Bowling Green (see item number 3-202 for design).	NH	2017	D	\$1,000,000	
			2017			R	\$1,650,000		
			2017			U	\$1,550,000		
2016-3	03-1077	KY-234	0.06	Replace bridge on KY-234 over Drakes Creek 0.097 east of Shaker Mill Rd (CR-1121).	BRO	2018	C	\$5,850,000	
2016-4	03-1090	CR-1425	0.02	Replace bridge over branch of Indian Creek on Lodge Hall Rd (CR-1425) 1.4 mile west of KY-185.	BRZ	2016	D	\$250,000	
						2016	R	\$50,000	
						2016	U	\$75,000	
						2016	C	\$260,000	
2016-5	03-8707	WN-9007	0.60	Construct a new interchange on the Natcher Parkway at Elrod Road in Bowling Green (MP 3.4 - MP 4.0).	NH	2016	D	\$800,000	
						2017	R	\$2,000,000	
						2017	U	\$950,000	
						2019	C	\$6,300,000	
2016-6	03-9007	KY-526	0.10	Intersection improvements at the intersection of KY-526 and KY-1320; purchase ROW for sight distance improvements on KY-526 from 0.046 mile west of KY-1320 to 0.099 mile west of CR-1532A.	SAF	2016	R	\$70,000	
						2016	U	\$190,000	
						2016	C	\$220,000	
2016-17	-	N/A	0.25	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.	TAP	2016		\$177,474	

2016-18	03-924	KY-185	0.43	Safety improvements on KY-185 from US-68 to Double Springs Road to convert corridor from 4-lanes to 3-lanes ("Road Diet") including micro-surfacing, striping, curbed island at crosswalk, and enhanced signage for pedestrian crossing.	SAF	2016	C	\$75,000	
2017-19	03-2042.10	WN-9007	35.06	Modernize the existing William H. Natcher Parkway to create the I-65 Spur corridor. Construction from the I-65 interchange (exit 2) in Bowling Green, extending north to the Butler-Ohio county line, MP 37.143.	NH	2017	D	\$2,000,000	
						2018	U	\$200,000	
						2019	C	\$15,000,000	
2017-20	03-8702.10	US 231	-	Intersection improvement at US 231 and Three Springs Road/Ken Bale Blvd for paving, striping, and median removal.	STP	2017	C	\$200,000	
2017-21	03-2081.00	KY 446	0.97	Pavement rehabilitation on KY 446 from US 31W to I-65 (MP 0.0 - MP 0.97).	NH	2017	C	\$5,000,000	
2016-15	03-8857	US-31W	1.24	Major widening/reconstruction from Campbell Lane (US-231) to University Blvd (US-231X) (MP 10.561 to MP 11.688).	STP	2018	D	\$800,000	
2018-22	-	N/A		Design and construct a 10' shared-use path to close the gap between downtown and the west end of Bowling Green, includes intersection improvements	TAP	2017	D	\$110,000	
						2018	R	\$44,000	
						2018	C	\$396,000	
2018-23	-	N/A	0.19	Design and construct a 5' sidewalk on KY 240 from Fletcher St. (MP5.854) to Main St. (MP6.039) including curb, gutter, and drainage.	TAP	2017	D	\$22,000	
						2018	R	\$11,000	
						2018	C	\$115,000	
2018-24	03-2042.11	WN-9007		I-65 Spur Corridor Signing: Add signing to meet Interstate standards to existing Natcher Parkway from I-65 Interchange (Exit 2) in Warren County extending north to the US 60 interchange in Daviess County.	NH	2019	C	\$2,150,000	
2016-9	03-110	KY-185	5.60	Reconstruct Ky-185 from north of the junction with KY-263 near Richardsville (MP 6.29) to the Butler County line (MP 11.913).	STP	2020	C	\$10,000,000	
2016-10	03-8702	US-231	0.10	Improve US-231 (Scottsville Road) from Pascoe Blvd to north of Cave Mill Road.	NH	2018	U	\$2,500,000	
						2019	C	\$3,470,000	
2018-25	03-8904.1	US-31W	0.55	Widen US-31W from Park Avenue to Fairview Avenue (MP 13.7 - 14.25).	STP	2019	D	\$500,000	
						2020	R	\$1,500,000	
						2020	U	\$1,750,000	

2018-26	03-8905	US-31W		Improve mobility and reduce congestion on US-31W from US-68 to Mizpah Road.	STP	2020	D	\$800,000	
						2020	R	\$900,000	
						2020	U	\$400,000	
2018-27	03-20017	I-65	7.27	Address pavement condition of I-65 both directions from MP 35.616 to 42.89.	PM	2019	D	\$870,000	
						2019	C	\$8,700,000	
2018-28	03-20018	WN-9007	2.47	Address pavement condition of William H. Natcher Parkway both directions from MP 0.0 to 2.47.	PM	2019	D	\$200,000	
						2020	C	\$2,000,000	
2018-29	03-20019	WN-9007	11.05	Address pavement condition of William H. Natcher Parkway both directions from MP 9.2 to 20.246.	PM	2020	C	\$11,083,000	
2018-30	03-10014	KY-2632		Address deficiencies of Hammet Hill Road bridge over Salt Lick Creek.	BR	2019	D	\$157,500	
						2020	C	\$350,000	
2018-31	03-10015	KY-1435		Address deficiencies of KY-1435 bridge over Gasper River.	BR	2019	D	\$280,000	
						2020	C	\$1,172,500	
2018-32	03-9010.10	US-31W	0.22	Install reflective backplates and update signing and striping at intersection of US 31W and Fairview Ave/Cemetery Rd.	SAF	2018	C	\$15,000	New Project - HSIP
2018-33	03-9010.20	US-68	0.35	Install reflective backplates and double red signal heads, adjust entrance, and update striping and signing at intersection of Russellville Rd and Campbell Ln.	SAF	2018	C	\$40,000	New Project - HSIP
2018-34	03-9010.30	US-231	0.2	Install reflective backplates, construct right-in/right-out entrance along US 231, and install median access control along Shive Ln near the intersection of US 231 and Shive Ln.	SAF	2018	C	\$90,000	New Project - HSIP
2018-35	03-9010.40	US-31W	6.2	Install reflective backplates and supplemental signal heads, construct median access control along US 31W and Campbell Ln, and update the striping near the intersection of US 31W and Campbell Ln.	SAF	2018	C	\$90,000	New Project - HSIP
2018-36	03-9010.50	US-31W	0.1	Install reflective backplates and supplemental signal heads, and update a pedestrian signal head at the intersection of US 31W and Lehman Ave.	SAF	2018	C	\$20,000	New Project - HSIP

2018-37	03-9010.60	US-231	0.1	Install reflective backplates at the intersection of US 231 and Campbell Ln/Lovers Ln.	SAF	2018	C	\$15,000	New Project - HSIP
2018-38	03-9010.70	US-231	0.1	Install reflective backplates and supplemental signal heads at the intersection of US 231 and Three Springs Rd.	SAF	2018	C	\$20,000	New Project - HSIP
2018-39	03-9010.80	US-231	0.15	Install reflective backplates and update the signing at the intersection of US 231 and Cumberland Trace.	SAF	2018	C	\$15,000	New Project - HSIP
2018-40	03-9010.90	US-31W	0.194	Adjust the configuration and slightly modify the shape of the roundabout, and update the signing and striping at the intersection of US 31W and University Blvd.	SAF	2018	C	\$105,000	New Project - HSIP