

KENTUCKY

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP) For FY 2019-2022

ADMINISTRATIVE MODIFICATION #2018.133

I. Proposed Action:

Modify the KYTC's FY 2019-2022 Statewide Transportation Improvement Program (STIP) to include the Bowling Green-Warren County MPO's Administrative Modification #2020.03 to the FY 2016-2020 Transportation Improvement Program (TIP).

Location:

Bowling Green-Warren County MPO Area

Scope of Activity:

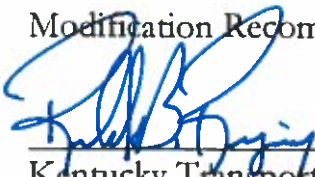
See the attachments for detail information.

II. Additional Remarks:

This modification to the STIP will become part of the 2018 STIP end of Federal Fiscal Year 2019 "fiscal constraint" recalculations.

III. Administrative Modification Approval:

Modification Recommended for Approval:



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

9/30/19
Date

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

**Transportation Improvement Program (TIP) FY 2016 - 2020
Administrative Modification #2020.03 REVISION**

ACTION:

The Bowling Green-Warren County Metropolitan Planning Organization (MPO) hereby modifies the FY 2016 - 2020 Transportation Improvement Program (TIP). This modification reflects the authorization of funds for an Intelligent Transportation System (ITS) project on US 231 and US 231X.

ITEM #s: 03-325

DESCRIPTION: Deployment of dedicated short range communication (DSRC) devices and automated traffic signal performance measures (ATSPM) on US 231 (MP 10.5-13.1) and US 231X (MP 0.0-2.1).

SCOPE OF WORK: Signal System Improvement

ROUTE: US 231 & US 231X

PHASE: C

TYPE OF FUND: AID

FY: 2019

AMOUNT: \$625,000

Other Information: This TIP Modification uses Accelerating Innovative Deployment (AID) funding, a special federally funded grant. This grant will implement new technology to deploy Dedicated Short Range Communication Devices (DSRC) and more advanced traffic signal controllers that will gather performance data. TIP Modification 2020.03 modifies specific funding levels listed for Intelligent Transportation System (ITS) projects in Table 1 of the TIP and adds the listed projects to Table 4. ITS 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. 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


Karissa Lemon

Coordinator

Bowling Green-Warren County MPO

9/27/2019

Date

**TABLE 1
SUMMARY OF HIGHWAY FUNDING TYPES**

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
AID							\$ 625,000	\$ 625,000			\$625,000	\$625,000
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
HSIP							\$90,000	\$90,000	\$500,000	\$500,000	\$500,000	\$590,000
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	\$32,662,000	\$32,662,000	\$6,649,800	\$6,649,800	\$56,961,800	\$56,961,800
SAF	\$555,000	\$555,000			\$685,000	\$685,000			\$1,000,000	\$1,000,000	\$2,240,000	\$2,240,000
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	\$2,845,250	\$2,845,250	\$20,110,550	\$20,110,550	\$23,955,800	\$23,955,800
TAP	\$406,698	\$406,698	\$22,000	\$22,000	\$126,000	\$126,000	\$1,754,700	\$1,754,700			\$2,309,398	\$2,309,398
TOTAL	\$41,710,698	\$41,710,698	\$18,248,000	\$18,248,000	\$18,269,000	\$18,269,000	\$64,912,950	\$64,912,950	\$49,883,350	\$49,883,350	\$193,023,998	\$193,023,998

**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 GVP ID	ROUTE	LENGTH	PROJECT DESCRIPTION	FUND TYPE	YEAR	PHASE	TOTAL PHASE COST			
2020.46	3-325	US-231/231X	4.7	Deployment of dedicated short range communication (DSRC) devices and automated traffic signal performance measures (ATSPM) on US 231 (MP 10.5-13.1) and US 231X (MP 0.0-2.1).	AID	2019	C	\$ 625,000			