

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

ADMINISTRATIVE MODIFICATION #2018.014

I. Proposed Action:

Modify the FY 2019-2022 STIP to include Amendment #1 to the Radcliff/Elizabethtown Metropolitan Planning Organization's FY 2018-2022 Transportation Improvement Program (TIP).

Location:

Radcliff/Elizabethtown Metropolitan Planning Organization Area

II. Scope of Activity:


See the attachments for detail information.

III. Additional Remarks:

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

IV. Administrative Modification Approval:

Modification Recommended for Approval:




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

Approval of Modification:



Federal Highway Administration Date



Recommended by Date

RADCLIFF/ELIZABETHTOWN
METROPOLITAN PLANNING ORGANIZATION

2018- 2022
TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #1



Planning for the transportation
needs of the region.

JANUARY 10, 2019



LINCOLN TRAIL AREA DEVELOPMENT DISTRICT
P. O. BOX 604
613 COLLEGE STREET ROAD
ELIZABETHTOWN, KENTUCKY 42702-0604



**RESOLUTION
OF THE
RADCLIFF/ELIZABETHTOWN
METROPOLITAN PLANNING ORGANIZATION
AMENDING THE
2018-2022 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #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), updated every 5 years, and the development of a Transportation Improvement Program (TIP), updated every 4 years, with both documents amended on an as needed basis; and

WHEREAS, the Policy Committee is the designated Metropolitan Planning Organization (MPO) for the Radcliff Elizabethtown 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

WHEREAS, the amendment described in this resolution to the 2013-2018 Transportation Improvement Program (TIP) has 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 this amendment has been developed in accordance with the MPO Participation Plan; and

WHEREAS, this amendment is consistent with Title VI of the Civil Rights Act requirements related to nondiscrimination in federally assisted programs; and

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

NOW, THEREFORE BE IT RESOLVED that the Policy Committee of the Radcliff/Elizabethtown MPO hereby amends the 2018-2022 Transportation Improvement Program (TIP) to add the highway improvement on the attached page:

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

Harry L. Berry, Chairman
Policy Committee
Radcliff/Elizabethtown MPO

January 10, 2019

Date



**RADCLIFF/ELIZABETHTOWN
METROPOLITAN PLANNING ORGANIZATION
2018-2022 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #1**

ACTION:

The Radcliff/Elizabethtown Metropolitan Planning Organization (MPO) hereby amends the FY 2018-2022 Transportation Improvement Program (TIP) to add the following project:

Project ID: 4-8801

Route: KY 1357 (St. John Road)

Project Type: Safety, Geometrics, Drainage and Maintenance Improvements

Length: 1.678 miles

Phases: Right-of-Way, Utilities

Type of Funding: STP

Responsible Agency: Kentucky Transportation Cabinet, District 4

Amount: \$5,500,000

Project Description: Improve Safety, Geometrics, Drainage, and Maintenance Issues along KY 1357 (St. John Road) from US 31W Bypass to KY 3005 (Ring Road) in Elizabethtown.

Financial Constraint: This amendment allows the programming of federal funding for the right-of-way and utility phases of this project. This federal funding has been committed by the project sponsor (KYTC). This additional funding maintains financial constraint of the TIP as indicated in the revised Table 11 (attached below).

Performance-Based Planning Requirements: MAP-21 and the FAST Act emphasize incorporating performance management into transportation planning and programming processes. These Acts established and confirmed national performance goals in several key areas. In response to these national goals the United States Department of Transportation has set defined performance measures applicable to the Radcliff/Elizabethtown metropolitan planning area in the areas of safety, pavement condition, bridge condition, system reliability, and transit state of good repair. As of May 27, 2018, TIP Amendments must be developed in compliance with the transportation performance measure requirements for safety measures. Performance measure requirements related to pavement condition, bridge condition, and system reliability become effective in May 2019.

Safety Performance: In January 2018, the Radcliff/Elizabethtown MPO took action to concur with and support the Safety Performance Targets set by the Kentucky Transportation Cabinet (KYTC). This will be accomplished by planning and programming projects that contribute toward the accomplishment of KYTC's Safety Performance Targets. These baseline targets established goals for reducing the number of fatalities, serious injuries, and non-motorized fatalities and serious accidents on all public roads in Kentucky.

All targets represent a rolling five-year average. The Safety Targets established by KYTC and supported by the MPO are:

- Fatalities – 730
- Serious Injuries – 2,800
- Fatality Rate (per 100 million Vehicle Miles Traveled) – 1.5
- Serious Injury Rate (per 100 million Vehicles Miles Traveled – 5.76
- Non-motorized Fatalities and Serious Injuries – 293

All of these Targets represent a reduction in the baseline averages in calendar year 2017 and 2018 as compared to calendar years 2015 and 2016. This goal is shared with the SHSP and reiterates KYTC's commitment to the shared vision of Toward Zero Deaths.

Anticipated Effect of the TIP Amendment Toward Achieving Safety Targets: The purpose of this project is to improve safety, roadway geometrics, drainage, and maintenance issues along this 1.678-mile section of KY 1357.

Over the previous five years, fifty-three (53) crashes have been reported along this segment of roadway with eleven (11) of them being injury crashes. The majority of the crash types are rear end and single vehicle run off the road crashes. This section has narrow lanes and little to no shoulders. Some of the ditches are deep and very close to the edge of the roadway.

The improvements to the roadway geometrics and modernizing of the roadway will eliminate of the deep ditches near the edge of the pavement, thereby reducing the number of run off the road crashes. Also, the construction of a 13-foot center turn lane will allow turning traffic to move out of the flow of through traffic potentially resulting in a reduced number of rear-end collisions.

This project will also include a sidewalk on the north side of KY 1357 and a shared-use path on the south side. While there have been no pedestrian-related non-motorized crashes along this section of KY 1357, this will enhance the area by providing a safer pedestrian environment and thereby support safety performance targets associated with the reduction of nonmotorized fatalities and injuries.

ROUTE	PROJECT ID	KYTC ID	MTP TABLE #	COUNTY	DESCRIPTION	TYPE OF FUNDS	PHASE	YEAR	COST	TOTAL PROJECT COST	RESPONSIBLE AGENCY
US 31W	18-017	4-20013	Table 3 (Grouped Project)	Hardin	Address Pavement Condition	STP	D	2021	\$65,000	\$325,000	KYTC - Dist. 4
						NH			\$195,000		
						STATE			\$65,000		
						STP			\$650,000		
						NH			\$1,950,000		
						STATE			\$650,000		
WK 9001	18-018	4-20016	Table 3 (Grouped Project)	Hardin	Address Pavement Condition of Wendell H. Ford Western KY Parkway both direction(s) from milepoint 120.93 (120.65 Non-Cardinal) to milepoint 132.4 (130.95 Non-Cardinal)	STP	D	2021	\$184,000	\$920,000	KYTC - Dist. 4
						NH			\$552,000		
						STATE			\$184,000		
						STP			\$1,840,000		
						NH			\$5,520,000		
						STATE			\$1,840,000		
US 62	18-019	4-20028	Table 3 (Grouped Project)	Hardin	Address Pavement Condition on US-62 from milepoint 9.57 to milepoint 13.77	STP	C	2022	\$137,800	\$689,000	KYTC - Dist. 4
						NH			\$413,400		
						STATE			\$137,800		
KY 1357	18-020	4-8801.00	Table 2	Hardin	Improve Safety, Geometrics, Drainage, and Maintenance Issues along KY 1357 (St. John Rd) from US 31W Bypass to KY 3005 (Ring Road)	STP	R	2020	\$3,000,000	\$5,500,000	KYTC - Dist. 4
								2021	\$2,500,000		

Table 11
 Summary of Funding
 Radcliff/Elizabethtown MPO
 Transportation Improvement Program FY 2018-2022*

Funding Type	Carryover from Previous TIP FY 2016-2017		FY 2018		FY 2019		FY 2020		FY 2021		FY 2022		TOTAL	
	Est. Cost	Revenue	Est. Cost	Revenue	Est. Cost	Revenue	Est. Cost	Revenue	Est. Cost	Revenue	Est. Cost	Revenue	Est. Cost	Revenue
BR2			\$12,750,000	\$12,750,000									\$12,750,000	\$12,750,000
BRZ					\$950,000	\$950,000			\$190,000	\$190,000	\$5,440,000	\$5,440,000	\$6,580,000	\$6,580,000
FTA	\$1,698,345	\$1,698,345	\$2,999,854.25	\$2,999,854.25	\$1,505,000	\$1,505,000	\$1,578,000	\$1,578,000	\$1,578,000	\$1,578,000	\$15,690,000	\$15,690,000	\$10,937,199.25	\$10,937,199.25
IM					\$2,110,000	\$2,110,000							\$17,800,000	\$17,800,000
NHPP/NH			\$14,350,000	\$14,350,000	\$11,964,000	\$11,964,000	\$165,000	\$165,000	\$8,217,000	\$8,217,000	\$33,173,400	\$33,173,400	\$67,869,400	\$67,869,400
SPP			\$19,000,000	\$19,000,000	\$4,500,000	\$4,500,000							\$23,500,000	\$23,500,000
STP					\$5,744,440	\$5,744,440	\$6,014,880	\$6,014,880	\$5,239,000	\$5,239,000	\$137,800	\$137,800	\$17,136,120	\$17,136,120
NIRT	\$69,310	\$69,310	\$104,980	\$104,980									\$174,290	\$174,290
TAP	\$277,800	\$277,800											\$277,800	\$277,800
TOTAL	\$2,045,455	\$2,045,455	\$49,099,854	\$49,099,854	\$26,773,440	\$26,773,440	\$7,757,880	\$7,757,880	\$15,224,000	\$15,224,000	\$56,019,200	\$56,019,200	\$157,024,809	\$157,024,809

*The Keutucky Transportation Cabinet's Statewide Transportation Improvement Program (STIP) covers the years 2017-2020. The additional years in the Radcliff/Elizabethtown MPO TIP will be considered information only by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA).