



**Maryland Department of Transportation**  
The Secretary's Office

**Larry Hogan**  
Governor

**Boyd K. Rutherford**  
Lt. Governor

**Pete K. Rahn**  
Secretary

July 6, 2018

Mr. Gregory Murrill  
Division Administrator  
Attn: Dr. Kwame Arhin  
Federal Highway Administration  
Maryland Division  
George H. Fallon Federal Building  
31 Hopkins Plaza, Suite 1520  
Baltimore MD 21201

Ms. Terry Garcia Crews  
Regional Administrator  
Attn: Mr. Ryan Long  
Federal Transit Administration  
1760 Market Street, Suite 500  
Philadelphia PA 19103

Dear Mr. Murrill and Ms. Crews:

The Maryland Department of Transportation (MDOT) submits the following Amendment to the Fiscal Year (FY) 2017 Maryland Statewide Transportation Improvement Program for the program.

The MDOT has assigned Control #17-113 for this amendment to the Maryland Statewide Transportation Improvement Program. This amendment details the funds that will be used for this phase of the program. The supporting documentation is attached.

Project Name	STIP #	TIP #	Funding Sources	FY 17-20 Net Federal Change (in 000's)
Traffic Relief Plan Smart Traffic Signals Program	#XY1811	#XY1811	STBG	\$17,440

My telephone number is \_\_\_\_\_  
Toll Free Number 1-888-713-1414 TTY Users Call Via MD Relay  
7201 Corporate Center Drive, Hanover, Maryland 21076

Mr. Gregory Murrill  
Ms. Terry Garcia Crews  
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The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained. Should you have additional questions or concerns, please contact Mr. Ian Beam at 410-865-1280, toll free 888-713-1414 or via e-mail at [ibeam@mdot.state.md.us](mailto:ibeam@mdot.state.md.us). Of course, please feel free to contact me directly.

Sincerely,

A handwritten signature in blue ink that reads "Tyson Byrne". The signature is written in a cursive, flowing style.

Tyson Byrne  
Regional Planning Manager  
Office of Planning and Capital Programming

Attachments

cc: Mr. Ian Beam, Regional Planner, OPCP, MDOT

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**MEMORANDUM**

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**TO:** DIRECTOR HEATHER MURPHY  
OFFICE OF PLANNING AND CAPITAL PROGRAMMING  
MARYLAND DEPARTMENT OF TRANSPORTATION (MDOT)

**ATTN:** REGIONAL PLANNER IAN BEAM  
REGIONAL PLANNER DAN JANOUSEK  
REGIONAL PLANNER KARI SNYDER  
REGIONAL PLANNING MANAGER TYSON BYRNE

**FROM:** DEPUTY DIRECTOR ERIC BECKETT *EB*  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING

**SUBJECT:** REQUEST TO AMEND THE FY 2017-2020 MARYLAND STATEWIDE  
TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

**DATE:** JUNE 28, 2018

**RESPONSE  
REQUESTED BY:** N/A

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**PURPOSE OF MEMORANDUM**

To request the MDOT Office of Planning and Capital Programming approve and forward to the Federal Highway Administration (FHWA) for its approval the following STIP amendment(s).

**SUMMARY**

The MDOT State Highway Administration (MDOT SHA) hereby requests amendment of the FY 2017-2020 Maryland STIP to reflect the following STIP amendment.

STIP	Project	Phase	New Funding
N/A	Traffic Relief Plan Smart Traffic Signals	PE CO	(\$5.6 million) (\$44.7 million)

**ANALYSIS**

*Traffic Relief Plan Smart Traffic Signals* – This requested amendment reflects the addition of \$50.3 million in preliminary engineering and construction funding to the 2017-2020 Maryland STIP for a new regionally significant project. This project consists of the design and installation of Smart Traffic Signals at various locations throughout the State roadway network. The attached STIP report document MDOT's requested amendment with respect to funding for the above project. This requested action will not impact scheduling or funding availability for other projects in the current STIP, which remains fiscally constrained. The amended funding does not affect the portion of federal funding programmed for transit or allocations of state aid to local jurisdictions in lieu of federal aid.

Ms. Heather Murphy  
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In addition, the Maryland Transportation Trust Fund (TTF) remains fiscally constrained. The TTF supports State transportation system operation and maintenance, MDOT administration, debt service, and capital projects. Semiannually, MDOT updates revenues and expenditures using two national forecasting companies' latest economic estimates. MDOT published funding details in the FY 2018-2023 Consolidated Transportation Program (<http://www.mdot.maryland.gov/newMDOT/Planning/CTP/Index.html>) and FY 2017-2020 Maryland STIP ([http://www.mdot.maryland.gov/newMDOT/Planning/STIP\\_TIP/STIPandTIP\\_2017.html](http://www.mdot.maryland.gov/newMDOT/Planning/STIP_TIP/STIPandTIP_2017.html)).

Please amend the FY 2017-2020 Maryland STIP to reflect the funding information provided in the attachment. If you have any questions, please contact Mr. David Rodgers, MDOT SHA Regional Planner, at 410-545-5670 or via email at [DRodgers1@sha.state.md.us](mailto:DRodgers1@sha.state.md.us).

#### ATTACHMENTS

- FY 2017-2020 Maryland STIP report for the Traffic Relief Plan (Phase 2) Smart Traffic Signals project.

cc: Matt Baker, Regional Planner, MDOT SHA  
Samantha Biddle, Chief, Regional and Intermodal Planning Division, MDOT SHA  
Lorenzo Bryant, Capital Programs Coordinator, Office of Traffic and Safety, MDOT SHA  
John Concannon, District 7 Engineer, MDOT SHA  
Anthony Crawford, District 6 Engineer, MDOT SHA  
Andre Futrell, District 3 Engineer, MDOT SHA  
Kandese Holford, Regional Planner, MDOT SHA  
Greg Holsey, District 2 Engineer, MDOT SHA  
Winstina Hughes, Assistant Regional Planner, MDOT SHA  
Corren Johnson, District 5 Engineer, MDOT SHA  
Jay Meredith, District 1 Engineer, MDOT SHA  
Stephen Miller, Regional Planner, MDOT SHA  
Tara Penders, Assistant Chief, Regional and Intermodal Planning Division, MDOT SHA  
David Rodgers, Regional Planner, MDOT SHA  
David Schlie, Assistant Regional Planner, MDOT SHA  
Jerry Smith, Assistant Regional Planner, MDOT SHA  
Jialin Tian, Deputy Director, Office of Traffic and Safety, MDOT SHA  
Cedric Ward, Director, Office of Traffic and Safety, MDOT SHA  
Wendy Wolcott, District 4 Engineer, MDOT SHA

# MARYLAND STATEWIDE TIP FY 2017-2020

MDOT STIP # XY1811

## SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
Traffic Relief Plan Smart Traffic Signals (XY1811)	A	N/A	N/A	\$ -	\$ -	\$ -
	Administration		Area/MPO	Net Funding Change (000s)		
	MDOT SHA	Statewide	CTP Page	Federal	State/Local	Total
			SHA-SW-6 FY 2018	\$ 17,440	\$ 4,360	\$ 21,800
Description	Phased statewide installation of traffic control devices that utilize the input of real-time area traffic conditions along with intelligent signal timing and synchronization of traffic flow along travel corridors. Balance to Complete (Beyond FY 2017-2020 STIP years in FY 2021, FY 2022, and FY 2023): \$ 28.5 million.					*Note-
Justification	This project will improve traffic operations and reduce congestion throughout the State of Maryland.					

## INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria		Funding				Total	
		FY 2017	FY 2018	FY 2019	FY 2020		
<input checked="" type="checkbox"/> A) Adds new individual projects to the current STIP <input type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change <input type="checkbox"/> C) Removes or deletes individual listed project from the STIP <input type="checkbox"/> D) Other	Current (000s)	Total	\$ -	\$ -	\$ -	\$ -	
		Federal	\$ -	\$ -	\$ -	\$ -	
		State/Local	\$ -	\$ -	\$ -	\$ -	
	Proposed (000s)	Total	\$ -	\$ 1,800	\$ 10,000	\$ 10,000	\$ 21,800
		Federal	\$ -	\$ 1,440	\$ 8,000	\$ 8,000	\$ 17,440
		State/Local	\$ -	\$ 360	\$ 2,000	\$ 2,000	\$ 4,360
	Change (000s)	Total	\$ -	\$ 1,800	\$ 10,000	\$ 10,000	\$ 21,800
		Federal	\$ -	\$ 1,440	\$ 8,000	\$ 8,000	\$ 17,440
		State/Local	\$ -	\$ 360	\$ 2,000	\$ 2,000	\$ 4,360

## PHASE DETAIL

Current	FY 2017		FY 2018		FY 2019		FY 2020		TOTAL		
	Federal	State/Local	Total								
PP/PE STBG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO STBG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ -</b>										

Proposed	FY 2017		FY 2018		FY 2019		FY 2020		TOTAL		
	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP/PE STBG	\$ -	\$ -	\$ 680	\$ -	\$ 800	\$ -	\$ 800	\$ -	\$ 2,280	\$ -	\$ 2,280
State	\$ -	\$ -	\$ -	\$ 170	\$ -	\$ 200	\$ -	\$ 200	\$ -	\$ 570	\$ 570
CO STBG	\$ -	\$ -	\$ 760	\$ -	\$ 7,200	\$ -	\$ 7,200	\$ -	\$ 15,160	\$ -	\$ 15,160
State	\$ -	\$ -	\$ -	\$ 190	\$ -	\$ 1,800	\$ -	\$ 1,800	\$ -	\$ 3,790	\$ 3,790
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,440</b>	<b>\$ 360</b>	<b>\$ 8,000</b>	<b>\$ 2,000</b>	<b>\$ 8,000</b>	<b>\$ 2,000</b>	<b>\$ 17,440</b>	<b>\$ 4,360</b>	<b>\$ 21,800</b>

Change	FY 2017		FY 2018		FY 2019		FY 2020		TOTAL		
	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP/PE STBG	\$ -	\$ -	\$ 680	\$ -	\$ 800	\$ -	\$ 800	\$ -	\$ 2,280	\$ -	\$ 2,280
State	\$ -	\$ -	\$ -	\$ 170	\$ -	\$ 200	\$ -	\$ 200	\$ -	\$ 570	\$ 570
CO STBG	\$ -	\$ -	\$ 760	\$ -	\$ 7,200	\$ -	\$ 7,200	\$ -	\$ 15,160	\$ -	\$ 15,160
State	\$ -	\$ -	\$ -	\$ 190	\$ -	\$ 1,800	\$ -	\$ 1,800	\$ -	\$ 3,790	\$ 3,790
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,440</b>	<b>\$ 360</b>	<b>\$ 8,000</b>	<b>\$ 2,000</b>	<b>\$ 8,000</b>	<b>\$ 2,000</b>	<b>\$ 17,440</b>	<b>\$ 4,360</b>	<b>\$ 21,800</b>

## TOTAL PROJECT COST

Prior Cost (≤ FY 2016)		STIP Cost (FY 2017-2020)		Balance to Complete (≥ FY 2021)		Total Project Cost	
Federal	\$ -	Federal	\$ 17,440	Federal	\$ 22,790	Federal	\$ 40,230
State/Local	\$ -	State/Local	\$ 4,360	State/Local	\$ 5,710	State/Local	\$ 10,070
<b>Total</b>	<b>\$ -</b>	<b>Total</b>	<b>\$ 21,800</b>	<b>Total</b>	<b>\$ 28,500</b>	<b>Total</b>	<b>\$ 50,300</b>