

September 17, 2020

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  
1835 Market Street Suite 1910  
Philadelphia PA 19103

Dear Mr. Murrill and Ms. Crews:

The Maryland Department of Transportation (MDOT) hereby amends the Fiscal Year (FY) 2019 – 2022 Maryland Statewide Transportation Improvement Program (STIP) for the addition of a new project to the FY 2019-2022 Maryland STIP. This amendment is for the MDOT State Highway Administration (MDOT SHA) Coordinated Highway Action Response Team (CHART) Transportation Systems Management and Operations (TSMO) Planning Activities (AX124F) with the addition of \$1,000,000 of federal National Highway Freight Program (NHFP) funding. The MDOT has designated this amendment as Control #19-77, and the supporting documentation is attached.

The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained.

<b>Project Name</b>	<b>STIP #</b>	<b>TIP #</b>	<b>Funding Source</b>	<b>FY19-FY22 Net Federal Change (in 000's)</b>
Coordinated Highway Action Response Team (CHART) Transportation Systems Management and Operations (TSMO) Planning Activities	AX124F	AX124F	NHFP	\$800

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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.maryland.gov](mailto:ibeam@mdot.maryland.gov). Of course, please feel free to contact me directly.

Sincerely,

A handwritten signature in blue ink that reads "Tyson Byrne". The signature is fluid and cursive, with the first name "Tyson" and last name "Byrne" clearly distinguishable.

Tyson Byrne  
Regional Planning Manager  
Office of Planning and Capital Programming

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



Larry Hogan  
Governor  
Boyd K. Rutherford  
Lt. Governor  
Gregory Slater  
Secretary  
Tim Smith, P.E.  
Administrator

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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 PLANNING MANAGER TYSON BYRNE

**FROM:** CHIEF MATT BAKER *MB*  
REGIONAL AND INTERMODAL PLANNING DIVISION

**SUBJECT:** REQUEST TO AMEND THE FY 2019-2022 MARYLAND STATEWIDE  
TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

**DATE:** SEPTEMBER 16, 2020

**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.

**SUMMARY**

The MDOT State Highway Administration (MDOT SHA) hereby requests amendment of the FY 2019-2022 Maryland STIP to reflect the following one action.

STIP	PROJECT	PHASE	NEW FUNDING
AX124F	CHART TSMO Planning Activities	PP	\$1,000,000

**ANALYSIS**

*CHART TSMO Planning Activities (AX124F)* – This requested amendment reflects the addition to the FY 2019-2022 Maryland STIP of a new project, CHART TSMO Planning Activities (AX124F) and the addition of \$1,000,000 to AX124F planning funding. This amendment will enable the use of federal NHFP funding for planning related to the deployment of TSMO technologies and infrastructure in multiple key freight corridors in Maryland.

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The attached Statewide TIP (STIP) report documents 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.

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. The MDOT published funding details in the FY 2019-2024 Consolidated Transportation Program (<http://www.mdot.maryland.gov/newMDOT/Planning/CTP/Index.html>) and FY 2019-2022 Maryland STIP ([http://www.mdot.maryland.gov/newMDOT/Planning/STIP\\_TIP/STIPandTIP.html](http://www.mdot.maryland.gov/newMDOT/Planning/STIP_TIP/STIPandTIP.html)).

Please amend the FY 2019-2022 Maryland STIP to reflect the funding information provided in the attachment. If you have any questions, please contact Mr. Matt Baker, MDOT SHA Regional and Intermodal Planning Division (RIPD) Chief, at 410-545-5668 or via email at [mbaker4@mdot.maryland.gov](mailto:mbaker4@mdot.maryland.gov).

#### **ATTACHMENTS**

- FY 2019-2022 Maryland STIP project AX124F report

cc: Mr. Eric Beckett, Deputy Director, Office of Planning and Preliminary Engineering, MDOT SHA  
Mr. Mohammad Raqib, Chief, CHART Programming, Planning, and Development Division,  
MDOT SHA

# MARYLAND STATEWIDE TIP FY 2019-2022

MDOT STIP # AX124F

**SUMMARY TABLE**

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
CHART TSMO Planning Activities (AX124F)	A	n/a	n/a	\$ -	\$ -	\$ -
	Administration			Net Funding Change (000s)		
	MDOT SHA	Area/MPO	CTP Page	Federal	State/Local	Total
		Rural (non-MPO)	Various	\$ 800	\$ 200	\$ 1,000

Description: Planning activities and construction operations development for TSMO deployment in multiple corridors in Maryland.

Justification: This project serves to improve monitoring and operations for key freight corridors, ensuring continuous goods movements and economic development.

**INDIVIDUAL REQUEST FORM**

STIP/TIP Amendment Criteria	Current (000s)	Funding				Total
		FY 2019	FY 2020	FY 2021	FY 2022	
<input checked="" type="checkbox"/> A) Adds new individual projects to the current STIP		Total	\$ -	\$ -	\$ -	\$ -
<input type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change		Federal	\$ -	\$ -	\$ -	\$ -
<input type="checkbox"/> C) Removes or deletes individual listed project from the STIP		State/Local	\$ -	\$ -	\$ -	\$ -
<input type="checkbox"/> D) Other		Total	\$ -	\$ 65	\$ 500	\$ 435
		Federal	\$ -	\$ 52	\$ 400	\$ 348
		State/Local	\$ -	\$ 13	\$ 100	\$ 87
		Total	\$ -	\$ 65	\$ 500	\$ 435
		Federal	\$ -	\$ 52	\$ 400	\$ 348
		State/Local	\$ -	\$ 13	\$ 100	\$ 87



**PHASE DETAIL**

Current		FY 2019		FY 2020		FY 2021		FY 2022		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	NHFP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Proposed		FY 2019		FY 2020		FY 2021		FY 2022		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	NHFP	\$ -	\$ -	\$ 52	\$ -	\$ 400	\$ -	\$ 348	\$ -	\$ 800	\$ -	\$ 800
	State	\$ -	\$ -	\$ -	\$ 13	\$ -	\$ 100	\$ -	\$ 87	\$ -	\$ 200	\$ 200
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ 52</b>	<b>\$ 13</b>	<b>\$ 400</b>	<b>\$ 100</b>	<b>\$ 348</b>	<b>\$ 87</b>	<b>\$ 800</b>	<b>\$ 200</b>	<b>\$ 1,000</b>

Change		FY 2019		FY 2020		FY 2021		FY 2022		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	NHFP	\$ -	\$ -	\$ 52	\$ -	\$ 400	\$ -	\$ 348	\$ -	\$ 800	\$ -	\$ 800
	State	\$ -	\$ -	\$ -	\$ 13	\$ -	\$ 100	\$ -	\$ 87	\$ -	\$ 200	\$ 200
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ 52</b>	<b>\$ 13</b>	<b>\$ 400</b>	<b>\$ 100</b>	<b>\$ 348</b>	<b>\$ 87</b>	<b>\$ 800</b>	<b>\$ 200</b>	<b>\$ 1,000</b>

# MARYLAND STATEWIDE TIP FY 2019-2022

MDOT STIP # AX124F (cont'd)

**TOTAL PROJECT COST**

Prior Cost (≤ FY 2018)		STIP Cost (FY 2019-2022)		Balance to Complete (≥ FY 2023)		Total Project Cost	
Federal	\$ -	Federal	\$ 800	Federal	\$ -	Federal	\$ 800
State/Local	\$ -	State/Local	\$ 200	State/Local	\$ -	State/Local	\$ 200
<b>Total</b>	<b>\$ -</b>	<b>Total</b>	<b>\$ 1,000</b>	<b>Total</b>	<b>\$ -</b>	<b>Total</b>	<b>\$ 1,000</b>