Larry Hogan Governor Boyd K. Rutherford Lt. Governor Gregory Slater Secretary

September 22, 2021

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, Region III 1835 Market Street, Suite 1910 Philadelphia PA 19103-2968

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) to reflect the addition of two projects "Work Zone Data Exchange Demonstration" and "eConstruction Change Order Automation" to the Highway portion of the Fiscal Year (FY) 2019 – 2022 STIP. The MDOT has designated this amendment as Control #19-141.

This amendment adds a total of \$800,000 for the two projects. The supporting documentation is attached.

Project Name	STIP#	Funding Source	FY21-FY24 Net Federal Change
Work Zone Data Exchange Demonstration	AT020G	STBG	\$250,000
eConstruction Change Order Automation	Al2201	AID	\$550,000

Mr. Gregory Murrill Ms. Terry Garcia Crews Page Two

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. Of course, please feel free to contact me directly.

Sincerely,

Tyson Byrne

Regional Planning Manager

Office of Planning and Capital Programming

Attachment

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



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

Administrator

#### **MEMORANDUM**

TO: DIRECTOR HEATHER MURPHY

OFFICE OF PLANNING AND CAPITAL PROGRAMMING

MARYLAND DEPARTMENT OF TRANPORTATION (MDOT)

**ATTN:** REGIONAL PLANNER IAN BEAN

REGIONAL PLANNING MANAGER TYSON BYRNE

REGIONAL PLANNER DAN JANOUSEK REGIONAL PLANNER KARI SNYDER

FROM: CHIEF MATT BAKER

REGIONAL AND INTERMODAL PLANNING DIVISION (RIPD)

**SUBJECT:** REQUEST TO AMEND THE FY 2019-2022 MARYLAND STATEWIDE

TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

**DATE:** SEPTEMBER 20, 2021

**RESPONSE** 

**REQUESTED BY:** N/A

## 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 amendments.

#### **SUMMARY**

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

STIP	PROJECT	PHASE	NEW FUNDING
AT020G	Work Zone Data Exchange Demonstration	Other	\$250,000
Al2201	eConstruction Construction Change Order Automation	Other	\$550,000

Work Zone Data Exchange Demonstration (AT020G) – This requested amendment reflects the addition to the FY 2019-2022 Maryland STIP of a new project, AT020G, and the addition of \$250,000 to AT020G funding. This project enables MDOT SHA to publish a new work zone data exchange (WZDx)-compliant data feed in RITIS and will expand the quality of data that is sent to transportation stakeholders including private sector and media traveler information providers and state and local agencies' ATMS platforms. The funding added by this amendment covers MDOT SHA's programmed expenditures for FY 2022.

Ms. Heather Murphy Page Two

eConstruction Construction Change Order Automation (AI2201) – This requested amendment reflects the addition to the FY 2019-2022 Maryland STIP of a new project, AI2201, and the addition of \$550,000 to AI2201 funding. This project enables MDOT SHA to fund development and accelerate deployment to automate and streamline MDOT SHA's construction change order process with the objective of generating a tool within MDOT SHA's eConstruction platform specifically process change orders to decrease paperwork, more effectively track change orders, and eliminate errors. The funding added by this amendment covers MDOT SHA's assumed expenditures for FY 2022-2023.

The attached Statewide TIP (STIP) reports document MDOT's requested amendments with respect to funding for the above projects. These requested actions 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 2021-2026 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).

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 Chief, at 410-545-5668 or via email at mbaker4@mdot.maryland.gov.

## **ATTACHMENTS**

- FY 2019-2022 Maryland STIP project AT020G report
- FY 2019-2022 Maryland STIP project AI2201 report

cc: Mr. Eric Beckett, Deputy Director, Office of Planning and Preliminary Engineering, MDOT SHA Stephen Bucy, P.E., Director, Office of Construction, MDOT SHA Mr. John Hampton, eConstruction Program Manager, Office of Construction, MDOT SHA Mr. Mohammed Raqib, Chief, Mobility, Planning, and Engineering Division, MDOT SHA

#### MARYLAND STATEWIDE TIP FY 2019-2022 MDOT STIP # AT020G **SUMMARY TABLE** Current Funding Level (000s) Amendment Criteria Conformity Status Environmental Status Federal State/Local Total Work Zone Data Exchange Demonstration (AT020G) n/a \$ \$ \$ Net Funding Change (000s) Administration Area/MPO CTP Page Federal State/Local Total MDOT SHA Rural (Non-MPO) tbd 2022 CTP 200 \$ 50 \$ 250 \$ Description This project enables MDOT SHA to publish a new work zone data exchange (WZDx)-compliant data feed in RITIS. Justification This project will expand the quality of data that is sent to transportation stakeholders including private sector and media traveler information providers and state and local agencies' ATMS platforms. INDIVIDUAL REQUEST FORM Funding FY 2019 FY 2020 FY 2021 FY 2022 Total STIP/TIP Amendment Criteria Total \$ \$ \$ \$ Current A) Adds new individual projects to the current STIP (000s)Federal \$ \$ \$ B) Increase/decrease, scope change, advance, delay, or phase change State/Local \$ \$ \$ 250 250 C) Removes or deletes individual listed project from the STIP Proposed Total -\$ -\$ -\$ П D) Other (000s)Federal 200 200 \$ \$ State/Local \$ \$ 50 50 \$ \$ \$ \$ 250 250 MARYLAND DEPARTMENT OF TRANSPORTATION Change Total 200 (000s) Federal \$ \$ -\$ 200 --State/Local \$ \$ \$ 50 50 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 ederal State/Local Total \$ \$ \$ \$ \$ \$ \$ \$ \$ PΕ \$ \$ \$ \$ \$ RW \$ \$ \$ \$ \$ \$ \$ \$ CO \$ \$ \$ \$ \$ \$ \$ \$ \$ Other STBG \$ \$ \$ \$ \$ \$ \$ State \$ \$ \$ \$ \$ \$ \$ \$ \$ Total \$ \$ \$ \$ \$ \$ FY 2020 FY 2021 FY 2019 FY 2022 TOTAL Proposed Phase Funding ederal State/Local Federal State/Local Federal State/Local Federal State/Local Federal State/Local Total \$ \$ \$ \$ \$ \$ \$ PE \$ \$ \$ \$ \$ \$ \$ \$ RW \$ \$ \$ \$ \$ \$ \$ CO \$ \$ \$ \$ \$ \$ STBG Other \$ \$ \$ \$ \$ 200 200 \$ \$ 200 \$ State \$ 50 50 \$ 50 \$ \$ \$ \$ \$ \$ \$ Total \$ \$ \$ \$ \$ \$ \$ 200 \$ 50 200 \$ 50 \$ 250 FY 2019 FY 2020 FY 2021 FY 2022 TOTAL Change Phase Funding State/Local Federal State/Local Federal State/Local State/Local Federal State/Local Federal Federal Total PP \$ \$ \$ \$ \$ \$ PΕ \$ \$ \$ \$ \$ \$ \$ RW \$ \$ \$ \$ \$ \$ \$ \$ CO \$ \$ \$ \$ \$ \$ \$ \$ Other STBG \$ \$ \$ \$ 200 200 \$ \$ 200 \$ \$ \$

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MARYLAND STATEWIDE TIP FY 2019-2022
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# MARYLAND STATEWIDE TIP FY 2019-2022

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MARYLAND STATEWIDE TIP FY 2019-2022												
MDOT STIP # Al2201 (cont'd)												
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Prior Cost (≤ FY 2018)			STIP Cost (FY 2019-2022)			Balance to Complete (≥ F	FY 2023)		Total Project Co	ost		
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