



U.S. Department
of Transportation
**Federal Highway
Administration**

Maryland Division

May 17, 2022

31 Hopkins Plaza, Suite 1520
Baltimore, MD 21201
(410) 962-4440
(410) 962-4054
<http://www.fhwa.dot.gov/mddiv/>

In Reply Refer To:
HDA-MD

Ms. Heather Murphy, Director
Office of Planning and Capital Programming, MDOT
7201 Corporate Center Drive
P.O. Box 548
Hanover, Maryland 21076

Dear Ms. Murphy:

We have completed our review of the State request (MDOT Control # 22-24) to amend the Fiscal Year (FY) 2022 Statewide Transportation Improvement Program (STIP). Specifically, the STIP is being amended to reflect the addition of three new stand-alone NHFP projects and the reduction of funds from the Maryland FY22 Freight Plan project.

We accept this amendment and find that it was developed based on a continuing, cooperative, and comprehensive transportation planning process, in accordance with 23 U.S.C. 134, 23 U.S.C. 135 and 49.

If you have any questions, regarding this STIP amendment please contact Lindsay Donnellon at (410) 779.7157.

Sincerely,

For Gregory Murrill
Division Administrator

cc:

Tyson Byrne, MDOT
Matt Baker, MDOT/SHA
Ryan Long, FTA

MEMORANDUM

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

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

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

SUBJECT: REQUEST TO AMEND THE FY 2022-2025 MARYLAND STATEWIDE
TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

DATE: APRIL 4, 2022
REVISED MAY 16, 2022

**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 2022-2025 Maryland STIP to reflect the following four actions.

STIP	PROJECT	PHASE	NEW FUNDING
AT020J	Statewide Truck Stop Technology Enhancements	PE/FD CO	\$2,468,000 \$8,400,000
AX9765	Statewide Virtual Weigh Station Network Database	PE/FD	\$714,000
AZ0621	Statewide Static Scale Replacement and Electronics	PE/FD CO	\$617,000 \$6,300,000
FP2201 MC #22-06 12/08/2021	Maryland FY 2022 Freight Plan	PP PE/FD CO	\$372,000 (\$3,335,000) (\$20,300,000)

ANALYSIS

In the Spring of 2022, the FHWA Maryland Division notified MDOT SHA that those projects included in the approved Maryland FY 2022 Federal Freight Plan for which MDOT SHA is programming design, right-of-way, and/or construction funding, i.e., funding beyond the planning phase, must be programmed into the STIP and, if applicable, the pertinent metropolitan planning organization's (MPO) transportation improvement program (TIP) as standalone regionally significant projects. This requires MDOT SHA add four new standalone projects to the FY 2022-2025 Maryland STIP and remove funding from the existing "omnibus" Maryland FY 2022 Federal Freight Plan STIP project, FP2201 MC #22-06 12/08/2021, to ensure funding is not duplicated in multiple STIP projects.

One of these four new standalone projects, I-70 South Mountain Welcome Center Truck Parking, is a location-specific project within the National Capital Region Transportation Planning Board's (TPB) metropolitan planning area. On March 30, 2022, FHWA approved an amendment, TPB 11579 MC #22-16 03/30/2022, to the FY 2021-2025 TPB TIP reflecting the addition of this standalone regionally significant project to the TPB TIP and the FY 2022-2025 Maryland STIP. The remaining three projects are programmatic projects with expenditures statewide.

Therefore, MDOT SHA is submitting the following four amendments to the FY 2022-2025 Maryland STIP:

Statewide Truck Stop Technology Enhancements (AT020J) – This requested amendment reflects the addition of a new project, AT020J, to the FY 2022-2025 Maryland STIP and includes \$2,468,000 in NHFP funding for design and \$8,400,000 in NHFP funding for construction. This project is wholly federally funded as MDOT SHA will use toll credits to convert the State funding component to federal funds. In addition, this funding includes a five-percent additive to federal funds to cover federally funded overhead expenses. The MDOT SHA estimates this project will cost \$11 million. The MDOT SHA is initiating design in the Spring of 2022; construction will follow in 2024-2026.

Statewide Virtual Weigh Station Network Database (AX9765) – This requested amendment reflects the addition of a new project, AX9765, to the FY 2022-2025 Maryland STIP and includes \$714,000 in NHFP funding for design. This project is wholly federally funded as MDOT SHA will use toll credits to convert the State funding component to federal funds. In addition, this funding includes a five-percent additive to federal funds to cover federally funded overhead expenses. The MDOT SHA estimates this project will cost \$850,000. The MDOT SHA is initiating database development in the Spring of 2022.

Statewide Static Scale Replacement and Electronics (AZ0621) – This requested amendment reflects the addition of a new project, AZ0621, to the FY 2022-2025 Maryland STIP and includes \$617,000 in NHFP funding for design and \$6,300,000 in NHFP funding for construction. This project is wholly federally funded as MDOT SHA will use toll credits to convert the State funding component to federal funds. In addition, this funding includes a five-percent additive to federal funds to cover federally funded overhead expenses. The MDOT SHA estimates this project will cost \$8.1 million. The MDOT SHA is initiating design in the Spring of 2022; construction will follow in 2023-2027.

Maryland FY 2022 Freight Plan (FP2201 MC #22-06 12/08/2021) – This requested amendment reflects the removal of funding for four component projects from FP2201 MC #22-06 12/08/2021 due to the programming of funding for phases beyond the planning phase (MDOT SHA contract noted, first):

- FR6861 – I-70 South Mountain Welcome Center Truck Parking (TPB 11579 MC #22-16 03/30/2022)
- AT020J – Statewide Truck Stop Technology Enhancements (AT020J)
- AX9765 – Statewide Virtual Weigh Station Network Database (AX9765)
- AZ0621 – Statewide Static Scale Replacement and Electronics (AZ0621)

FP2201 MC #22-06 12/08/2021 continues to include funding for MDOT SHA planning phase-only projects including (MDOT SHA contract noted, first):

- AT020K – Freight AV Implementation Plan
- AW8193 – Additional Freight Planning Support
- AZ1171 – Freight EV Charging Pilot
- AZ1191 – Maryland State Travel Model (MSTM) Truck Specific Enhancements
- AZ1201 – C20 Model Calibration/Validation Enhancements
- AZ1211 – MSTM Freight CAV Enhancements
- AZ1261 – Data Exchange Platform

This requested amendment also reflects the use of toll credits to convert the State funding component for these remaining component projects to federal funds, wholly funding these projects with federal funding, and this requested amendment includes a five-percent additive to federal funds to cover federally funded overhead expenses associated with these remaining component projects. In total, this requested amendment reflects the addition \$373,000 in NHFP funding for planning, the subtraction of \$3,335,000 in NHFP funding from design, and the subtraction of \$20,300,000 in NHFP funding from construction. The MDOT SHA estimates this project will cost \$4.0 million. The MDOT SHA has initiated planning in 2022, which will proceed into 2027.

Separately, the Maryland FY 2022 Federal Freight Plan programs NHFP funding toward three regionally significant projects, funding not programmed via this amendment but instead via individual projects in the appropriate MPOs' TIPs. These projects include (MDOT SHA contract noted, first):

- BA0061 – I-695 TSMO Improvements (I-70 to MD 43) – NHFP funding is included in the FY 2021-2024 BRTB TIP via BRTB 63-1802-41 MC #22-09 01/10/2022; NHFP funding also will be included in the forthcoming FY 2023-2026 BRTB TIP, adoption and approval of which is anticipated in the Summer of 2022.
- BA0062 – I-695 Triple Bridges Reconstruction at I-70 – NHFP funding, which is not programmed toward this project until FY 2025, will be included in the forthcoming FY 2023-2026 BRTB TIP, adoption and approval of which is anticipated in the Summer of 2022.

Ms. Heather Murphy
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- PG6184 – MD 4 Interchange Construction at Suitland Parkway – NHFP funding, which is not programmed toward this project until FY 2023, is included in an administrative modification to TPB 3547 that TPB approved on March 4, 2022, and about which FHWA will be notified in early May 2022. NHFP funding also will be included in the forthcoming FY 2023-2026 TPB TIP, adoption and approval of which is anticipated in the Summer of 2022.

The attached STIP reports document MDOT's requested amendment 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 2022-2027 Consolidated Transportation Program (<https://mdot.maryland.gov/tso/Pages/Index.aspx?PageId=27>) and FY 2022-2025 Maryland STIP (<https://mdot.maryland.gov/tso/pages/Index.aspx?PageId=117>).

Please amend the FY 2022-2025 Maryland STIP to reflect the funding information provided in the attachments. 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.
Ms. Heather Murphy
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ATTACHMENTS

- 05/06/2022 Donnellon (FHWA) to Baker, Beckett (MDOT SHA) Maryland 2022 Federal Freight Plan Approval
- Maryland 2022 Federal Freight Plan
- FY 2022-2025 Maryland STIP project AT020J report
- FY 2022-2025 Maryland STIP project AX9765 report
- FY 2022-2025 Maryland STIP project AZ0621 report
- FY 2022-2025 Maryland STIP project FP2201 MC #22-06 12/08/2021 report

cc: Mr. James Alvarez, Federal Aid Programming Division, Office of Finance, MDOT SHA
Mr. Eric Beckett, Deputy Director, Office of Planning and Preliminary Engineering (OPPE), MDOT SHA
Carole Delion, P.E., Deputy Director, Office of Transportation Mobility and Operations, MDOT SHA
C. Scott Pomento, P.E., Director, OPPE, MDOT SHA
Mr. Mohammad Raqib, Chief, Mobility, Planning, and Engineering Division, MDOT SHA
Mr. Guy Talerico, Chief, Federal Aid Programming Division, Office of Finance, MDOT SHA

Matt Baker

From: Donnellon, Lindsay (FHWA) <lindsay.donnellon@dot.gov>
Sent: Friday, May 6, 2022 3:15 PM
To: Matt Baker; Eric Beckett
Cc: Arhin, Kwame (FHWA)
Subject: Amended SFP Investment Plan Approved
Attachments: 747 2022-05-06 Maryland SFP Amended Investment Plan.pdf

Good afternoon Matt and Eric,

FHWA has completed the review of the amended Freight Investment Plan and finds the information to be fiscally constrained. Maryland's freight plan continues to meet all the required elements of the FAST Act and is compliant.

Sincerely,

Lindsay Donnellon

Community Planner
Federal Highway Administration
George H. Fallon Federal Building
31 Hopkins Plaza, Suite 1520
Baltimore, MD 21201
410.779.7157

2022 Federal Freight Plan

Project Name	Project Description	Phase	Total Funds Obligated	Expenditures to Date	Federal Funds Remaining	Amount to Deobligate
Statewide Freight Planning	MDOT SHA Freight Planning activities statewide	Planning	\$ 711,572	\$ 175,330	\$ 536,242	\$ 536,242
CHART TSMO Activities Phase II	TSMO Planning activities	Planning	\$ 1,000,000	\$ 757,690	\$ 242,310	
Freight Planning Program	MDOT SHA Freight Planning activities statewide	Planning	\$ 750,000	\$ 115,349	\$ 634,651	
Freight Vehicle Probe Data	Data collection for MDOT SHA freight activities	Planning	\$ 400,000	\$ -	\$ 400,000	
I-81 - US 11 in West Virginia to MD 63/MD 68 in Maryland	Widening and bridge replacement over Potomac River	Construction	\$ 21,993,132	\$ 17,477,012	\$ 4,516,119	
I-83 over Padonia Road	Bridge replacement	Construction	\$ 7,000,000	\$ 5,783,366	\$ 1,216,634	
I-95/I-495 over Suitland Parkway	Bridge replacement	Construction	\$ 21,057,000	\$ 19,077,272	\$ 1,979,728	
I-95/I-495 over MD 214	Bridge replacement	Construction	\$ 5,200,000	\$ 5,200,000	\$ -	
MD 4 over Suitland Parkway	New interchange	Construction	\$ 12,448,000	\$ 6,445,342	\$ 6,002,658	\$ 6,002,658
Broening Highway Bridge over Colgate Creek and Associated Roadway Improvements	Bridge replacement		\$ 2,038,098	\$ -	\$ 2,038,098	
MD 175 at MD 295	Upgraded interchange and widening	Construction	\$ 500,000	\$ -	\$ 500,000	
I-695 Inner Loop over Benson Ave, Leeds Ave, US 1 and Amtrak	Bridge replacement	Construction	\$ 6,308,395	\$ 5,772,996	\$ 535,399	
I-695 Outer Loop - US 40 to MD 144	Widening	Construction	\$ 8,893,427	\$ 8,893,427	\$ -	

Project Name	Project Description	Phase	Total Funds to be Obligated	Expenditures to Date	Balance	FY 22	FY 23	FY 24	FY 25	FY 26	5 yr. Total
I 695 TSMO from I-70 to MD 43	Using shoulder and dynamic lane controls to create a new lane of traffic during peak hours.	Construction	\$ 20,000,000	\$ -	\$ 20,000,000	\$ 10,000,000	\$ 10,000,000				\$ 20,000,000
I-695, Baltimore Beltway at I-70 (Triple Bridges)	Reconstruct Interchange at I-695 and I-70	Construction	\$ 30,000,000	\$ -	\$ 30,000,000			\$ -	\$ 15,000,000	\$ 15,000,000	\$ 30,000,000
MD 4 Suitland Parkway (Readvertised Project)	Construct a new interchange at MD 4 at Suitland Parkway.	Construction	\$ 25,000,000	\$ -	\$ 25,000,000	\$ -	\$ 7,500,000	\$ 7,500,000	\$ 5,000,000	\$ 5,000,000	\$ 25,000,000

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AT020J

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
Statewide Truck-Stop Technology Enhancements (AT020J)	A	n/a	tbd	\$ -	\$ -	\$ -
	Administration			Net Funding Change (000s)		
	MDOT SHA	Area/MPO	CTP Page	Federal	State/Local	Total
	MDOT SHA	Rural (Non-MPO)	SHA-SW-9, etc. FY 2022	\$ 7,434	\$ 3,434	\$ 10,868
Description	Project to deploy roadside technology to enhance freight/truck parking by monitoring and sharing real-time parking information. This project is a component of Maryland's FY 2022 Freight Plan.					
Justification	Technology initiatives and projects ensure freight movement and supply chain management can be optimized in Maryland.					

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria	Funding	FY 2022	FY 2023	FY 2024	FY 2025	Total
		<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)	\$ -	\$ -	\$ -
	Federal	\$ -	\$ -	\$ -	\$ -	\$ -
	State/Local	\$ -	\$ -	\$ -	\$ -	\$ -
	Proposed (000s)	\$ 368	\$ 2,100	\$ 4,200	\$ 4,200	\$ 10,868
	Federal	\$ 294	\$ 420	\$ 3,360	\$ 3,360	\$ 7,434
	State/Local	\$ 74	\$ 1,680	\$ 840	\$ 840	\$ 3,434
	Change (000s)	\$ 368	\$ 2,100	\$ 4,200	\$ 4,200	\$ 10,868
	Federal	\$ 294	\$ 420	\$ 3,360	\$ 3,360	\$ 7,434
	State/Local	\$ 74	\$ 1,680	\$ 840	\$ 840	\$ 3,434

PHASE DETAIL

Current	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Proposed	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD	NHFP (w/ tc)	\$ 294	\$ 74	\$ 420	\$ 1,680	\$ -	\$ -	\$ -	\$ 714	\$ 1,754	\$ 2,468
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	NHFP (w/ tc)	\$ -	\$ -	\$ -	\$ -	\$ 3,360	\$ 840	\$ 3,360	\$ 6,720	\$ 1,680	\$ 8,400
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 294	\$ 74	\$ 420	\$ 1,680	\$ 3,360	\$ 840	\$ 3,360	\$ 7,434	\$ 3,434	\$ 10,868

Change	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD	NHFP (w/ tc)	\$ 294	\$ 74	\$ 420	\$ 1,680	\$ -	\$ -	\$ -	\$ 714	\$ 1,754	\$ 2,468
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	NHFP (w/ tc)	\$ -	\$ -	\$ -	\$ -	\$ 3,360	\$ 840	\$ 3,360	\$ 6,720	\$ 1,680	\$ 8,400
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 294	\$ 74	\$ 420	\$ 1,680	\$ 3,360	\$ 840	\$ 3,360	\$ 7,434	\$ 3,434	\$ 10,868

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AT020J (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 7,434	Federal	\$ -	Federal	\$ 7,434
State/Local	\$ -	State/Local	\$ 3,434	State/Local	\$ -	State/Local	\$ 3,434
Total	\$ -	Total	\$ 10,868	Total	\$ -	Total	\$ 10,868

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AX9765

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
Virtual Weigh Station Network Database (AX9765)	A	n/a	tbd	\$ -	\$ -	\$ -
	Administration			Net Funding Change (000s)		
	MDOT SHA	Area/MPO	CTP Page	Federal	State/Local	Total
Description	Project to add 13 new virtual weigh station sites to current 7 in operation. These sites operate 24/7 and general records on commercial vehicle operations that the University of Maryland CATT Lab analyzes for MDOT SHA. This project is a component of Maryland's FY 2022 Freight Plan.			\$ 570	\$ 144	\$ 714
Justification	These physical infrastructure and technology initiatives and projects ensure freight movement and supply chain management can be optimized in Maryland.					

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria	Funding	FY 2022	FY 2023	FY 2024	FY 2025	Total
		<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	Total	\$ -	\$ -	\$ -
	Federal	\$ -	\$ -	\$ -	\$ -	\$ -
	State/Local	\$ -	\$ -	\$ -	\$ -	\$ -
	Total	\$ 179	\$ 179	\$ 178	\$ 178	\$ 714
	Federal	\$ 143	\$ 143	\$ 142	\$ 142	\$ 570
	State/Local	\$ 36	\$ 36	\$ 36	\$ 36	\$ 144
	Total	\$ 179	\$ 179	\$ 178	\$ 178	\$ 714
	Federal	\$ 143	\$ 143	\$ 142	\$ 142	\$ 570
	State/Local	\$ 36	\$ 36	\$ 36	\$ 36	\$ 144
	Total	\$ 179	\$ 179	\$ 178	\$ 178	\$ 714



PHASE DETAIL

Current	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Proposed	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD <i>NHFP (w/ tc)</i>	\$ 143	\$ 36	\$ 143	\$ 36	\$ 142	\$ 36	\$ 142	\$ 36	\$ 570	\$ 144	\$ 714
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 143	\$ 36	\$ 143	\$ 36	\$ 142	\$ 36	\$ 142	\$ 36	\$ 570	\$ 144	\$ 714

Change	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD <i>NHFP (w/ tc)</i>	\$ 143	\$ 36	\$ 143	\$ 36	\$ 142	\$ 36	\$ 142	\$ 36	\$ 570	\$ 144	\$ 714
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 143	\$ 36	\$ 143	\$ 36	\$ 142	\$ 36	\$ 142	\$ 36	\$ 570	\$ 144	\$ 714

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AX9765 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 570	Federal	\$ 143	Federal	\$ 713
State/Local	\$ -	State/Local	\$ 144	State/Local	\$ 36	State/Local	\$ 180
Total	\$ -	Total	\$ 714	Total	\$ 179	Total	\$ 893

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ0621

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
Statewide Static Scale Replacement and Electronics (AZ0621)	A	n/a	tbd	\$ -	\$ -	\$ -
	Administration			Net Funding Change (000s)		
	MDOT SHA	Area/MPO	CTP Page	Federal	State/Local	Total
		Rural (Non-MPO)	SHA-SW-9, etc. FY 2022	\$ 5,534	\$ 1,383	\$ 6,917
Description	Project to upgrade existing and install new scale equipment at truck weigh stations statewide. This project is a component of Maryland's FY 2022 Freight Plan.					
Justification	These physical infrastructure and technology initiatives and projects ensure freight movement and supply chain management can be optimized in Maryland.					

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria	Funding	FY 2022	FY 2023	FY 2024	FY 2025	Total
		<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)	\$ -	\$ -	\$ -
	Federal	\$ -	\$ -	\$ -	\$ -	\$ -
	State/Local	\$ -	\$ -	\$ -	\$ -	\$ -
	Proposed (000s)	\$ 617	\$ 2,100	\$ 2,100	\$ 2,100	\$ 6,917
	Federal	\$ 494	\$ 1,680	\$ 1,680	\$ 1,680	\$ 5,534
	State/Local	\$ 123	\$ 420	\$ 420	\$ 420	\$ 1,383
	Change (000s)	\$ 617	\$ 2,100	\$ 2,100	\$ 2,100	\$ 6,917
	Federal	\$ 494	\$ 1,680	\$ 1,680	\$ 1,680	\$ 5,534
	State/Local	\$ 123	\$ 420	\$ 420	\$ 420	\$ 1,383



PHASE DETAIL

Current	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL			
	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Proposed	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL			
	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD <i>NHFP (w/ tc)</i>	\$ 494	\$ 123	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 494	\$ 123	\$ -	\$ 617
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO <i>NHFP (w/ tc)</i>	\$ -	\$ -	\$ 1,680	\$ 420	\$ 1,680	\$ 420	\$ 1,680	\$ 420	\$ 5,040	\$ 1,260	\$ -	\$ 6,300
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 494	\$ 123	\$ 1,680	\$ 420	\$ 1,680	\$ 420	\$ 1,680	\$ 420	\$ 5,534	\$ 1,383	\$ -	\$ 6,917

Change	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL			
	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD <i>NHFP (w/ tc)</i>	\$ 494	\$ 123	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 494	\$ 123	\$ -	\$ 617
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO <i>NHFP (w/ tc)</i>	\$ -	\$ -	\$ 1,680	\$ 420	\$ 1,680	\$ 420	\$ 1,680	\$ 420	\$ 5,040	\$ 1,260	\$ -	\$ 6,300
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 494	\$ 123	\$ 1,680	\$ 420	\$ 1,680	\$ 420	\$ 1,680	\$ 420	\$ 5,534	\$ 1,383	\$ -	\$ 6,917

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ0621 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 5,534	Federal	\$ 1,260	Federal	\$ 6,794
State/Local	\$ -	State/Local	\$ 1,383	State/Local	\$ 315	State/Local	\$ 1,698
Total	\$ -	Total	\$ 6,917	Total	\$ 1,575	Total	\$ 8,492

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # FP2201 MC #22-06 12/08/2021

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
Maryland FY 2022 Freight Plan	B	n/a	various	\$ 25,529	\$ 1,251	\$ 26,780
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local	Total
	MDOT SHA	Rural (Non-MPO)	SHA-SW-9, etc. FY 2022	\$ (22,715)	\$ (548)	\$ (23,263)
Description	Funding for a series of freight-related initiatives in FY 2022-2026, including calibration and validation enhancements for modeling freight in line with FHWA's C20 Program, truck-specific and freight CAV-related enhancements to the Maryland Statewide Travel Model, freight AV implementation plan, freight EV charging pilot program, and virtual weigh station RTIS software and hardware upgrades.					
Justification	These physical infrastructure and technology initiatives and projects ensure freight movement and supply chain management can be optimized in Maryland.					

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria		Funding					Total
		FY 2022	FY 2023	FY 2024	FY 2025		
<input type="checkbox"/> A) Adds new individual projects to the current STIP <input checked="" 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	\$ 2,250	\$ 7,290	\$ 10,270	\$ 6,970	\$ 26,780
		Federal	\$ 2,187	\$ 6,942	\$ 9,770	\$ 6,630	\$ 25,529
		State/Local	\$ 63	\$ 348	\$ 500	\$ 340	\$ 1,251
	Proposed (000s)	Total	\$ 1,706	\$ 656	\$ 630	\$ 525	\$ 3,517
		Federal	\$ 1,365	\$ 525	\$ 504	\$ 420	\$ 2,814
		State/Local	\$ 341	\$ 131	\$ 126	\$ 105	\$ 703
	Change (000s)	Total	\$ (544)	\$ (6,634)	\$ (9,640)	\$ (6,445)	\$ (23,263)
		Federal	\$ (822)	\$ (6,417)	\$ (9,266)	\$ (6,210)	\$ (22,715)
		State/Local	\$ 278	\$ (217)	\$ (374)	\$ (235)	\$ (548)



PHASE DETAIL

Current		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	NHFP (w/ tc)	\$ 1,587	\$ -	\$ 1,357	\$ -	\$ 100	\$ -	\$ -	\$ -	\$ 3,044	\$ -	\$ 3,044
	State	\$ -	\$ 38	\$ -	\$ 63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 101	\$ 101
PE/FD	NHFP (w/ tc)	\$ 600	\$ -	\$ 2,260	\$ -	\$ 170	\$ -	\$ 170	\$ -	\$ 3,200	\$ -	\$ 3,200
	State	\$ -	\$ 25	\$ -	\$ 110	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135	\$ 135
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	NHFP (w/ tc)	\$ -	\$ -	\$ 3,325	\$ -	\$ 9,500	\$ -	\$ 6,460	\$ -	\$ 19,285	\$ -	\$ 19,285
	State	\$ -	\$ -	\$ -	\$ 175	\$ -	\$ 500	\$ -	\$ 340	\$ -	\$ 1,015	\$ 1,015
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 2,187	\$ 63	\$ 6,942	\$ 348	\$ 9,770	\$ 500	\$ 6,630	\$ 340	\$ 25,529	\$ 1,251	\$ 26,780

Proposed		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP	NHFP (w/ tc)	\$ 1,365	\$ 341	\$ 525	\$ 131	\$ 504	\$ 126	\$ 420	\$ 105	\$ 2,814	\$ 703	\$ 3,517
	State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FD	NHFP (w/ tc)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	NHFP (w/ tc)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 1,365	\$ 341	\$ 525	\$ 131	\$ 504	\$ 126	\$ 420	\$ 105	\$ 2,814	\$ 703	\$ 3,517

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # FP2201 MC #22-06 12/08/2021 (cont'd)

PHASE DETAIL (cont'd)

Change	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP <i>NHFP (w/ tc)</i>	\$ (222)	\$ 341	\$ (832)	\$ 131	\$ 404	\$ 126	\$ 420	\$ 105	\$ (230)	\$ 703	\$ 473
<i>State</i>	\$ -	\$ (38)	\$ -	\$ (63)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (101)	\$ (101)
PE/FC <i>NHFP (w/ tc)</i>	\$ (600)	\$ -	\$ (2,260)	\$ -	\$ (170)	\$ -	\$ (170)	\$ -	\$ (3,200)	\$ -	\$ (3,200)
<i>State</i>	\$ -	\$ (25)	\$ -	\$ (110)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (135)	\$ (135)
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO <i>NHFP (w/ tc)</i>	\$ -	\$ -	\$ (3,325)	\$ -	\$ (9,500)	\$ -	\$ (6,460)	\$ -	\$ (19,285)	\$ -	\$ (19,285)
<i>State</i>	\$ -	\$ -	\$ -	\$ (175)	\$ -	\$ (500)	\$ -	\$ (340)	\$ -	\$ (1,015)	\$ (1,015)
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (822)	\$ 278	\$ (6,417)	\$ (217)	\$ (9,266)	\$ (374)	\$ (6,210)	\$ (235)	\$ (22,715)	\$ (548)	\$ (23,263)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 2,814	Federal	\$ 420	Federal	\$ 3,234
State/Local	\$ -	State/Local	\$ 703	State/Local	\$ 105	State/Local	\$ 808
Total	\$ -	Total	\$ 3,517	Total	\$ 525	Total	\$ 4,042