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April 11, 2022

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

Dear Mr. Murrill and Ms. Crews:

The Maryland Department of Transportation (MDOT) hereby amends the Fiscal Year (FY) 2022-2025 Maryland Statewide Transportation Improvement Program (STIP) to reflect the changes to four projects that will improve physical infrastructure and deploy technology initiatives related to the movement of freight.

These projects include new scale equipment and new virtual weigh station sites, calibration and validation enhancements for modeling freight, and the enhancement of freight/truck parking by monitoring and sharing real-time parking information to ensure freight movement and supply chain management can be optimized in Maryland.

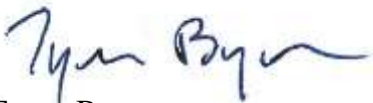
The MDOT has designated Control #22-19 for this amendment to the STIP. The supporting documentation for this amendment is attached.

Mr. Gregory Murrill  
Ms. Terry Garcia Crews  
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<b>Project Name</b>	<b>STIP #</b>	<b>Funding Source</b>	<b>FY22-FY25 Net Federal Change (in 000's)</b>
<b>Statewide Truck-Stop Technology Enhancements</b>	<b>AT020J</b>	<b>NHFP</b>	<b>\$10,868</b>
<b>Virtual Weigh Station Network Database</b>	<b>AX9756</b>	<b>NHFP</b>	<b>\$714</b>
<b>Statewide Static Scale Replacement and Electronics</b>	<b>AZ0621</b>	<b>NHFP</b>	<b>\$6,917</b>
<b>Maryland FY 2022 Freight Plan</b>	<b>FP2201 MC #22-06</b>	<b>NHFP</b>	<b>(\$22,012)</b>

The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained. Should you have additional questions or concerns, please contact Mr. Dan Janousek at 410-865-1098, toll free 888-713-1414 or via e-mail at [djanousek@mdot.maryland.gov](mailto:djanousek@mdot.maryland.gov). Of course, please feel free to contact me directly.

Sincerely,



Tyson Byrne  
Regional Planning Manager  
Office of Planning and Capital Programming

Attachment

cc: Mr. Dan Janousek, Regional Planner, OPCP, MDOT

**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

**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	\$2,468,000
		CO	\$8,400,000
AX9765	Statewide Virtual Weigh Station Network Database	PE/FD	\$714,000
AZ0621	Statewide Static Scale Replacement and Electronics	PE/FD	\$617,000
		CO	\$6,300,000
FP2201 MC #22-06 12/08/2021	Maryland FY 2022 Freight Plan	PP	\$372,000
		PE/FD	(\$3,335,000)
		CO	(\$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 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 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 Freight Plan STIP project, FP2201 MC #22-06 12/08/2021, to ensure funding is not duplicated in multiple STIP projects.

Please note, 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. 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:

- I-70 South Mountain Welcome Center Truck Parking (TPB 11579 MC #22-16 03/30/2022)
- Statewide Truck Stop Technology Enhancements (AT020J)
- Statewide Virtual Weigh Station Network Database (AX9765)
- 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:

- 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
- MDOT SHA's freight AV implementation plan
- MDOT SHA's freight EV charging pilot program
- Virtual weigh station RITIS software and hardware upgrades

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.

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](mailto:mbaker4@mdot.maryland.gov).

### **ATTACHMENTS**

- 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

Ms. Heather Murphy  
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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  
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

# 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
		Rural (Non-MPO)	SHA-SW-9, etc. FY 2022	\$ 10,868	\$ -	\$ 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	Current (000s)	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	\$ 368	\$ 2,100	\$ 4,200	\$ 4,200	\$ 10,868
		Federal	\$ 368	\$ 2,100	\$ 4,200	\$ 4,200	\$ 10,868
		State/Local	\$ -	\$ -	\$ -	\$ -	\$ -
		Total	\$ 368	\$ 2,100	\$ 4,200	\$ 4,200	\$ 10,868
		Federal	\$ 368	\$ 2,100	\$ 4,200	\$ 4,200	\$ 10,868
		State/Local	\$ -	\$ -	\$ -	\$ -	\$ -



**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/FC/NHFP	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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/FC/NHFP	\$	368	\$ -	\$ 2,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,468	\$ -	\$ 2,468
RW	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$	-	\$ -	\$ -	\$ 4,200	\$ -	\$ 4,200	\$ -	\$ -	\$ 8,400	\$ -	\$ 8,400
Other	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	\$	368	\$ -	\$ 2,100	\$ -	\$ 4,200	\$ -	\$ 4,200	\$ -	\$ 10,868	\$ -	\$ 10,868

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/FC/NHFP	\$	368	\$ -	\$ 2,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,468	\$ -	\$ 2,468
RW	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$	-	\$ -	\$ -	\$ 4,200	\$ -	\$ 4,200	\$ -	\$ -	\$ 8,400	\$ -	\$ 8,400
Other	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	\$	368	\$ -	\$ 2,100	\$ -	\$ 4,200	\$ -	\$ 4,200	\$ -	\$ 10,868	\$ -	\$ 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	\$ 10,868	Federal	\$ -	Federal	\$ 10,868
State/Local	\$ -	State/Local	\$ -	State/Local	\$ -	State/Local	\$ -
<b>Total</b>	<b>\$ -</b>	<b>Total</b>	<b>\$ 10,868</b>	<b>Total</b>	<b>\$ -</b>	<b>Total</b>	<b>\$ 10,868</b>



# 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
		Rural (Non-MPO)	SHA-SW-9, etc. FY 2022	\$ 714	\$ -	\$ 714

**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.

**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	Current (000s)	<b>Total</b>	\$ -	\$ -	\$ -	\$ -
<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	Proposed (000s)	<b>Total</b>	\$ 179	\$ 179	\$ 178	\$ 178	\$ 714	\$ 714
		Federal	\$ 179	\$ 179	\$ 178	\$ 178	\$ 714	\$ 714
		State/Local	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Change (000s)	<b>Total</b>	\$ 179	\$ 179	\$ 178	\$ 178	\$ 714	\$ 714
		Federal	\$ 179	\$ 179	\$ 178	\$ 178	\$ 714	\$ 714
		State/Local	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



**PHASE DETAIL**

Current	Phase	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/FC/NHFP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Proposed	Phase	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/FC/NHFP	\$ 179	\$ -	\$ 179	\$ -	\$ 178	\$ -	\$ 178	\$ -	\$ 714	\$ -	\$ 714
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total</b>	\$ 179	\$ -	\$ 179	\$ -	\$ 178	\$ -	\$ 178	\$ -	\$ 714	\$ -	\$ 714

Change	Phase	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/FC/NHFP	\$ 179	\$ -	\$ 179	\$ -	\$ 178	\$ -	\$ 178	\$ -	\$ 714	\$ -	\$ 714
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total</b>	\$ 179	\$ -	\$ 179	\$ -	\$ 178	\$ -	\$ 178	\$ -	\$ 714	\$ -	\$ 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	\$ 714	Federal	\$ 179	Federal	\$ 893
State/Local	\$ -	State/Local	\$ -	State/Local	\$ -	State/Local	\$ -
<b>Total</b>	<b>\$ -</b>	<b>Total</b>	<b>\$ 714</b>	<b>Total</b>	<b>\$ 179</b>	<b>Total</b>	<b>\$ 893</b>

# 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	\$ 6,917	\$ -	\$ 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	Current (000s)	Funding				Total
		FY 2022	FY 2023	FY 2024	FY 2025	
<input checked="" type="checkbox"/> A) Adds new individual projects to the current STIP		<b>Total</b>	\$ -	\$ -	\$ -	\$ -
<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		<b>Total</b>	\$ 617	\$ 2,100	\$ 2,100	\$ 2,100
		Federal	\$ 617	\$ 2,100	\$ 2,100	\$ 2,100
		State/Local	\$ -	\$ -	\$ -	\$ -
		<b>Total</b>	\$ 617	\$ 2,100	\$ 2,100	\$ 2,100
		Federal	\$ 617	\$ 2,100	\$ 2,100	\$ 2,100
		State/Local	\$ -	\$ -	\$ -	\$ -



**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/FC/NHFP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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/FC/NHFP		\$ 617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 617	\$ -	\$ 617
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ 2,100	\$ -	\$ 2,100	\$ -	\$ 2,100	\$ 6,300	\$ -	\$ 6,300
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		\$ 617	\$ -	\$ 2,100	\$ -	\$ 2,100	\$ -	\$ 2,100	\$ 6,917	\$ -	\$ 6,917

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/FC/NHFP		\$ 617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 617	\$ -	\$ 617
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ 2,100	\$ -	\$ 2,100	\$ -	\$ 2,100	\$ 6,300	\$ -	\$ 6,300
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		\$ 617	\$ -	\$ 2,100	\$ -	\$ 2,100	\$ -	\$ 2,100	\$ 6,917	\$ -	\$ 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	\$ 6,917	Federal	\$ 1,575	Federal	\$ 8,492
State/Local	\$ -	State/Local	\$ -	State/Local	\$ -	State/Local	\$ -
<b>Total</b>	<b>\$ -</b>	<b>Total</b>	<b>\$ 6,917</b>	<b>Total</b>	<b>\$ 1,575</b>	<b>Total</b>	<b>\$ 8,492</b>

# 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
	Administration			Net Funding Change (000s)		
	MDOT SHA	Area/MPO	CTP Page	Federal	State/Local	Total
		Rural (Non-MPO)	SHA-SW-9, etc. FY 2022	\$ (22,012)	\$ (1,251)	\$ (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 RITIS 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	Current (000s)	Funding		FY 2022	FY 2023	FY 2024	FY 2025	Total
		Federal	State/Local	Total	Total	Total	Total	Total
<input type="checkbox"/> A) Adds new individual projects to the current STIP		Federal		\$ 2,187	\$ 6,942	\$ 9,770	\$ 6,630	\$ 25,529
<input checked="" type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change		State/Local		\$ 63	\$ 348	\$ 500	\$ 340	\$ 1,251
<input type="checkbox"/> C) Removes or deletes individual listed project from the STIP		<b>Total</b>		<b>\$ 1,706</b>	<b>\$ 656</b>	<b>\$ 630</b>	<b>\$ 525</b>	<b>\$ 3,517</b>
<input type="checkbox"/> D) Other		Federal		\$ 1,706	\$ 656	\$ 630	\$ 525	\$ 3,517
		State/Local		\$ -	\$ -	\$ -	\$ -	\$ -
		<b>Total</b>		<b>\$ (544)</b>	<b>\$ (6,634)</b>	<b>\$ (9,640)</b>	<b>\$ (6,445)</b>	<b>\$ (23,263)</b>
		Federal		\$ (481)	\$ (6,286)	\$ (9,140)	\$ (6,105)	\$ (22,012)
		State/Local		\$ (63)	\$ (348)	\$ (500)	\$ (340)	\$ (1,251)



## 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	\$ 1,587	\$ -	\$ 1,357	\$ -	\$ 100	\$ -	\$ -	\$ -	\$ 3,044	\$ -	\$ 3,044
	State	\$ -	\$ 38	\$ -	\$ 63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 101	\$ 101
PE/FC	NHFP	\$ 600	\$ -	\$ 2,260	\$ -	\$ 170	\$ -	\$ 170	\$ -	\$ 3,200	\$ -	\$ 3,200
	State	\$ -	\$ 25	\$ -	\$ 110	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135	\$ 135
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	NHFP	\$ -	\$ -	\$ 3,325	\$ -	\$ 9,500	\$ -	\$ 6,460	\$ -	\$ 19,285	\$ -	\$ 19,285
	State	\$ -	\$ -	\$ -	\$ 175	\$ -	\$ 500	\$ -	\$ 340	\$ -	\$ 1,015	\$ 1,015
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		<b>\$ 2,187</b>	<b>\$ 63</b>	<b>\$ 6,942</b>	<b>\$ 348</b>	<b>\$ 9,770</b>	<b>\$ 500</b>	<b>\$ 6,630</b>	<b>\$ 340</b>	<b>\$ 25,529</b>	<b>\$ 1,251</b>	<b>\$ 26,780</b>

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	\$ 1,706	\$ -	\$ 656	\$ -	\$ 630	\$ -	\$ 525	\$ -	\$ 3,517	\$ -	\$ 3,517
	State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE/FC	NHFP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	NHFP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>		<b>\$ 1,706</b>	<b>\$ -</b>	<b>\$ 656</b>	<b>\$ -</b>	<b>\$ 630</b>	<b>\$ -</b>	<b>\$ 525</b>	<b>\$ -</b>	<b>\$ 3,517</b>	<b>\$ -</b>	<b>\$ 3,517</b>

# 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			
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total	
PP	NHFP	\$ 119	\$ -	\$ (701)	\$ -	\$ 530	\$ -	\$ 525	\$ -	\$ 473	\$ -	\$ 473	
	State	\$ -	\$ (38)	\$ -	\$ (63)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (101)	\$ (101)	
PE/FC	NHFP	\$ (600)	\$ -	\$ (2,260)	\$ -	\$ (170)	\$ -	\$ (170)	\$ -	\$ (3,200)	\$ -	\$ (3,200)	
	State	\$ -	\$ (25)	\$ -	\$ (110)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (135)	\$ (135)	
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CO	NHFP	\$ -	\$ -	\$ (3,325)	\$ -	\$ (9,500)	\$ -	\$ (6,460)	\$ -	\$ (19,285)	\$ -	\$ (19,285)	
	State	\$ -	\$ -	\$ -	\$ (175)	\$ -	\$ (500)	\$ -	\$ (340)	\$ -	\$ (1,015)	\$ (1,015)	
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>		<b>\$ (481)</b>	<b>\$ (63)</b>	<b>\$ (6,286)</b>	<b>\$ (348)</b>	<b>\$ (9,140)</b>	<b>\$ (500)</b>	<b>\$ (6,105)</b>	<b>\$ (340)</b>	<b>\$ (22,012)</b>	<b>\$ (1,251)</b>	<b>\$ (23,263)</b>	
<b>TOTAL PROJECT COST</b>													
Prior Cost (≤ FY 2021)				STIP Cost (FY 2022-2025)				Balance to Complete (≥ FY 2026)				Total Project Cost	
Federal		\$ -		Federal		\$ 3,517		Federal		\$ 525		Federal	\$ 4,042
State/Local		\$ -		State/Local		\$ -		State/Local		\$ -		State/Local	\$ -
<b>Total</b>		<b>\$ -</b>		<b>Total</b>		<b>\$ 3,517</b>		<b>Total</b>		<b>\$ 525</b>		<b>Total</b>	<b>\$ 4,042</b>