

December 6, 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) 2022 – 2025 Maryland Statewide Transportation Improvement Program (STIP) to reflect additions of five projects to the Highway portion of the STIP. These amendments increases funding by a total of \$27.2M for the five projects. The MDOT has designated this amendment as MDOT Control #22-06.

The supporting documentation is attached, and the Maryland Statewide Transportation Improvement Program continues to be fiscally constrained.

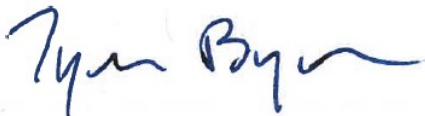
Project Name	STIP #	Funding Source	FY22-FY25 Net Federal Change \$(000)
eConstruction Construction Change Order Automation	AI2201	AID	\$550
Work Zone Data Exchange Demonstration	AT020G	STBG	\$250

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Project Name	STIP #	Funding Source	FY22-FY25 Net Federal Change \$(000)
Highway or Capital Transit Construction Training and Supportive Services Program	AX9917	STIC	\$800
SWMFAC Data Portal and Operations Manual	AZ1422	STIC	\$160
Maryland FY 2022 Freight Plan	FP2201	NHFP	\$25,450

If you have questions or need additional information, please contact Dan Janousek, Office of Planning and Capital Programming (OPCP) Regional Planner at 410-865-1098, or via email at djanousek@mdot.maryland.gov for assistance. 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: NOVEMBER 18, 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 2022-2025 Maryland STIP to reflect the following five actions.

STIP	PROJECT	PHASE	NEW FUNDING
AI2201	eConstruction Construction Change Order Automation	Other	\$550,000
AT020G	Work Zone Data Exchange Demonstration	Other	\$250,000
AX9917	Highway or Capital Transit Construction Training and Supportive Services Program	Other	\$800,000
AZ1422	SWMFAC Data Portal and Operations Manual	Other	\$160,000
FP2201	Maryland FY 2022 Freight Plan	PP PE/FD CO	\$2,350,000 \$4,300,000 \$21,800,000

ANALYSIS

eConstruction Construction Change Order Automation (AI2201) – This requested amendment reflects the addition to the FY 2022-2025 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 programmed expenditures in FY 2022-2023.

Work Zone Data Exchange Demonstration (AT020G) – This requested amendment reflects the addition to the FY 2022-2025 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 in FY 2022.

Highway or Capital Transit Construction Training and Supportive Services Program (AX9917) – This requested amendment reflects the addition to the FY 2022-2025 Maryland STIP of a new project, AX9917, and the addition of \$800,000 to AX9917 funding. As required under Maryland Transportation Code §8-508, this project enables MDOT SHA to develop, conduct, and administer highway or capital transit construction training and support services, including skill improvement programs, to the greatest extent feasible to individuals in each relevant workforce development area. The funding added by this amendment covers MDOT SHA's programmed expenditures in FY 2022-2024.

SWMFAC Data Portal and Operations Manual (AZ1422) – This requested amendment reflects the addition to the FY 2022-2025 Maryland STIP of a new project, AZ1422, and the addition of \$160,000 to AZ1422 funding. This project enables MDOT SHA to develop a data sharing portal for stormwater management facility maintenance data that will coordinate and feed MDOT SHA Operations and Maintenance Manual applications for field maintenance technician use in the field. The funding added by the amendment covers MDOT SHA's programmed expenditures in FY 2022-2023.

Maryland FY 2022 Freight Plan (FP2201) – This requested amendment reflects the addition of a new project, FP2201, to the FY 2022-2025 Maryland STIP and includes \$28,450,000 in NHFP and matching State funding for a series of freight-related initiatives in FY 2022-2026. Specifically, the project adds \$2,350,000 to planning funding, \$4,300,000 to design funding, and \$21,800,000 to construction funding for FP2201 in the FY 2022-2025 Maryland STIP. Initiatives include:

Ms. Heather Murphy
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- Design and construction of additional truck parking at the I-70 Welcome Center
- 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
- Statewide truck stop technology enhancements
- Development of a single digital data exchange platform to support data collection and hosting for real-time freight transportation information
- Virtual weigh station RITIS software and hardware upgrades
- Truck scale house static scale upgrades

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. MDOT published funding details in the draft 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 Chief, at 410-545-5668 or via email at mbaker4@mdot.maryland.gov.

ATTACHMENTS

- FY 2022-2025 Maryland STIP project AT020G report
- FY 2022-2025 Maryland STIP project AI2201 report
- FY 2022-2025 Maryland STIP project AZ9917 report
- FY 2022-2025 Maryland STIP project AZ1422 report
- FY 2022-2025 Maryland STIP project FP2201 report

cc: Mr. Dennis Adams, Functional Analyst Lead, Office of Equal Opportunity, MDOT SHA
Mr. Eric Beckett, Deputy Director, Office of Planning and Preliminary Engineering, MDOT SHA
Stephen Bucy, P.E., Director, Office of Construction, MDOT SHA
Ms. Lisa Grant, Manager, MBE/DBE Program, Office of Equal Opportunity, MDOT SHA
Mr. John Hampton, eConstruction Program Manager, Office of Construction, MDOT SHA
Ms. Dana Havlik, Chief, Highway Hydraulics Division, MDOT SHA
Ms. Kiona Leah, Team Leader, Highway Hydraulics Division, MDOT SHA
Mr. Mohammed Raqib, Chief, Mobility, Planning, and Engineering Division, MDOT SHA


MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP #AI2201

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
eConstruction Construction Change Order Automation (AI2201)	A	n/a	n/a	\$ -	\$ -	\$ -
	Administration			Net Funding Change (000s)		
	MDOT SHA	Area/MPO	CTP Page	Federal	State/Local	Total
Description	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.			\$ 440	\$ 110	\$ 550
Justification	By integrating an automated charge order workflow into MDOT SHA's eConstruction platform, MDOT SHA will be able to identify construction issues in the field and respond to these more efficiently through an automated change order approval process. This effort will not only speed processing but also create a centralized, auditable database system.					

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)	\$ -	\$ -	\$ -	\$ -
	Proposed (000s)	Total	\$ 275	\$ 275	\$ -	\$ -	\$ 550
		Federal	\$ 220	\$ 220	\$ -	\$ -	\$ 440
	State/Local	\$ 55	\$ 55	\$ -	\$ -	\$ 110	
	Change (000s)	Total	\$ 275	\$ 275	\$ -	\$ -	\$ 550
		Federal	\$ 220	\$ 220	\$ -	\$ -	\$ 440
	State/Local	\$ 55	\$ 55	\$ -	\$ -	\$ 110	

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	AID	\$ 220	\$ -	\$ 220	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 440	\$ -	\$ 440
	State	\$ -	\$ 55	\$ -	\$ 55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110	\$ 110
Total	\$ 220	\$ 55	\$ 220	\$ 55	\$ -	\$ -	\$ -	\$ -	\$ 440	\$ 110	\$ 550	

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	AID	\$ 220	\$ -	\$ 220	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 440	\$ -	\$ 440
	State	\$ -	\$ 55	\$ -	\$ 55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110	\$ 110
Total	\$ 220	\$ 55	\$ 220	\$ 55	\$ -	\$ -	\$ -	\$ -	\$ 440	\$ 110	\$ 550	

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP #AI2201 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 440	Federal	\$ -	Federal	\$ 440
State/Local	\$ -	State/Local	\$ 110	State/Local	\$ -	State/Local	\$ 110
Total	\$ -	Total	\$ 550	Total	\$ -	Total	\$ 550

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP #AT020G

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)			
				Federal	State/Local	Total	
Work Zone Data Exchange Demonstration (AT020G)	A	n/a	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 RTIS.						
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

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)	\$ -	\$ -	\$ -	\$ -
	Proposed (000s)	\$ 250	\$ -	\$ -	\$ -	\$ 250	
	Change (000s)	Federal	\$ 200	\$ -	\$ -	\$ -	\$ 200
		State/Local	\$ 50	\$ -	\$ -	\$ -	\$ 50
	Total	Federal	\$ 250	\$ -	\$ -	\$ -	\$ 250
		State/Local	\$ 50	\$ -	\$ -	\$ -	\$ 50

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG	\$ 200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200	\$ -	\$ 200
	State	\$ -	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50	\$ 50
Total		\$ 200	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200	\$ 50	\$ 250

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG	\$ 200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200	\$ -	\$ 200
	State	\$ -	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50	\$ 50
Total		\$ 200	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200	\$ 50	\$ 250

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP #AT020G (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 200	Federal	\$ -	Federal	\$ 200
State/Local	\$ -	State/Local	\$ 50	State/Local	\$ -	State/Local	\$ 50
Total	\$ -	Total	\$ 250	Total	\$ -	Total	\$ 250

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AX9917

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
Highway or Capital Transit Construction Training and Supportive Services Program (AX9917)	A	n/a	n/a	\$ -	\$ -	\$ -
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local	Total
	MDOT SHA	Rural (Non-MPO)	tbd 2022 CTP	\$ 640	\$ 160	\$ 800
Description	This project enables MDOT SHA to develop, conduct, and administer highway or capital transit construction training and support services, including skill improvement programs, to the greatest extent feasible to individuals in each relevant workforce development area.					
Justification	Project is required by Maryland Transportation Code §8-508.					

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)	\$ -	\$ -	\$ -	\$ -
	Proposed (000s)	Total	\$ 326	\$ 436	\$ 38	\$ 800	
		Federal	\$ 261	\$ 349	\$ 30	\$ -	\$ 640
	State/Local	\$ 65	\$ 87	\$ 8	\$ -	\$ 160	
	Change (000s)	Total	\$ 326	\$ 436	\$ 38	\$ -	\$ 800
		Federal	\$ 261	\$ 349	\$ 30	\$ -	\$ 640
	State/Local	\$ 65	\$ 87	\$ 8	\$ -	\$ 160	

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STIC	\$ 261	\$ -	\$ 349	\$ -	\$ 30	\$ -	\$ -	\$ -	\$ 640	\$ -	\$ 640
	State	\$ -	\$ 65	\$ -	\$ 87	\$ -	\$ 8	\$ -	\$ -	\$ -	\$ 160	\$ 160
Total	\$ 261	\$ 65	\$ 349	\$ 87	\$ 30	\$ 8	\$ -	\$ -	\$ 640	\$ 160	\$ 800	

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STIC	\$ 261	\$ -	\$ 349	\$ -	\$ 30	\$ -	\$ -	\$ -	\$ 640	\$ -	\$ 640
	State	\$ -	\$ 65	\$ -	\$ 87	\$ -	\$ 8	\$ -	\$ -	\$ -	\$ 160	\$ 160
Total	\$ 261	\$ 65	\$ 349	\$ 87	\$ 30	\$ 8	\$ -	\$ -	\$ 640	\$ 160	\$ 800	

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AX9917 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 640	Federal	\$ -	Federal	\$ 640
State/Local	\$ -	State/Local	\$ 160	State/Local	\$ -	State/Local	\$ 160
Total	\$ -	Total	\$ 800	Total	\$ -	Total	\$ 800

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ1422

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
SWMFAC Data Portal and Operations Manual (AZ1422)	A	n/a	n/a	\$ -	\$ -	\$ -
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local	Total
	MDOT SHA	Rural (Non-MPO)	tbd 2022 CTP	\$ 128	\$ 32	\$ 160
Description	This project enables MDOT SHA to develop a data sharing portal for stormwater management facility maintenance data that will coordinate and feed MDOT SHA Operations and Maintenance Manual applications for field maintenance technician use in the field.					
Justification	This project will enable MDOT SHA field staff to more easily access stormwater management facility data and document facility conditions and needs in the field, reducing costs and increasing efficiencies.					

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)	\$ -	\$ -	\$ -	\$ -
	Proposed (000s)	Total	\$ 62	\$ 98	\$ -	\$ -	\$ 160
		Federal	\$ 50	\$ 78	\$ -	\$ -	\$ 128
	State/Local	\$ 12	\$ 20	\$ -	\$ -	\$ 32	
	Change (000s)	Total	\$ 62	\$ 98	\$ -	\$ -	\$ 160
		Federal	\$ 50	\$ 78	\$ -	\$ -	\$ 128
	State/Local	\$ 12	\$ 20	\$ -	\$ -	\$ 32	

PHASE DETAIL

Current	Phase	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	Phase	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
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	PE/FD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Other	\$ 50	\$ -	\$ 78	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 128	\$ -	\$ 128
	State	\$ -	\$ 12	\$ -	\$ 20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32	\$ 32
	Total	\$ 50	\$ 12	\$ 78	\$ 20	\$ -	\$ -	\$ -	\$ -	\$ 128	\$ 32	\$ 160

Change	Phase	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
	PP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	PE/FD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Other	\$ 50	\$ -	\$ 78	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 128	\$ -	\$ 128
	State	\$ -	\$ 12	\$ -	\$ 20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32	\$ 32
	Total	\$ 50	\$ 12	\$ 78	\$ 20	\$ -	\$ -	\$ -	\$ -	\$ 128	\$ 32	\$ 160

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ1422 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 128	Federal	\$ -	Federal	\$ 128
State/Local	\$ -	State/Local	\$ 32	State/Local	\$ -	State/Local	\$ 32
Total	\$ -	Total	\$ 160	Total	\$ -	Total	\$ 160

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # FP2201

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local	Total
Maryland FY 2022 Freight Plan	A	n/a	various	\$ -	\$ -	\$ -
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local	Total
	MDOT SHA	Rural (Non-MPO)	various	\$ 25,529	\$ 1,251	\$ 26,780
Description	Funding for a series of freight-related initiatives in FY 2022-2026, including design and construction of additional truck parking at the I-70 Welcome Center, 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, statewide truck stop technology enhancements, virtual weigh station RITIS software and hardware upgrades, truck scale house static scale upgrades, and more.					
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 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	\$ 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
Change (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	



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/FD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Proposed	Phase	Funding	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	NHFP	\$ 1,587	\$ -	\$ 1,357	\$ -	\$ 100	\$ -	\$ -	\$ -	\$ 3,044	\$ -	\$ 3,044
		State	\$ -	\$ 38	\$ -	\$ 63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 101	\$ 101
	PE/FD	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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Total		\$ 2,187	\$ 63	\$ 6,942	\$ 348	\$ 9,770	\$ 500	\$ 6,630	\$ 340	\$ 25,529	\$ 1,251	\$ 26,780

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # FP2201 (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	\$ 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		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 2,187	\$ 63	\$ 6,942	\$ 348	\$ 9,770	\$ 500	\$ 6,630	\$ 340	\$ 25,529	\$ 1,251	\$ 26,780

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 25,529	Federal	\$ 1,595	Federal	\$ 27,124
State/Local	\$ -	State/Local	\$ 1,251	State/Local	\$ 75	State/Local	\$ 1,326
Total	\$ -	Total	\$ 26,780	Total	\$ 1,670	Total	\$ 28,450