



Larry Hogan
Governor
Boyd K. Rutherford
Lt. Governor
James F. Ports, Jr.
Secretary

June 29, 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 19103-2968

Dear Mr. Murrill and Ms. Crews:

The Maryland Department of Transportation (MDOT) requests to amend the Fiscal Year (FY) 2022 – 2025 Maryland Statewide Transportation Improvement Program (STIP) to reflect the addition of six projects on behalf of the MDOT State Highway Administration (MDOT SHA). The projects are:

OMT Pavement Engineering Procedural Enhancements (AW2696)
OMT Slope Investigations for Repair and Preventive Maintenance (AX2795)
OMT Pavement Program Development (AX7455)
OMT Geotechnical Asset Management (AZ0234)
OMT Pavement Engineering and System Preservation Planning (AZ1071)
OMT Pavement Network Condition Data Collection (AZ1091)

These projects will enable MDOT SHA to cooperatively, continuously, and comprehensively make transportation investment decisions and coordinate transportation planning activities throughout Maryland.

The MDOT has designated this amendment as MDOT Control #22-35. The MDOT SHA supporting documentation is attached.

Mr. Gregory Murrill
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Project Name	STIP #	Funding Source	FY22-FY25 Net Federal Change \$(000)
OMT Pavement Engineering Procedural Enhancements	AW2696	STBG w/TC	\$95
OMT Slope Investigations for Repair and Preventive Maintenance	AX2795	STBG w/TC	\$190
OMT Pavement Program Development	AX7455	STBG w/TC	\$2,280
OMT Geotechnical Asset Management	AZ0234	STBG w/TC	\$475
OMT Pavement Engineering and System Preservation Planning	AZ1071	STBG w/TC	\$2,613
OMT Pavement Network Condition Data Collection	AZ1091	STBG w/TC	\$523

If you have questions or need additional information, please contact Mr. Rashad Pinckney, Office of Planning and Capital Programming (OPCP) Regional Planner at 410-865-1280, or via email at rpinkney@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. Rashad Pinckney, 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: JUNE 28, 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 six actions.

STIP	PROJECT	PHASE	NEW FUNDING
AW2696	OMT Pavement Engineering Procedural Enhancements	Other	\$100,000
AX2795	OMT Slope Investigations for Repair and Preventive Maintenance	Other	\$200,000
AX7455	OMT Pavement Program Development	Other	\$2,400,000
AZ0234	OMT Geotechnical Asset Management	Other	\$500,000
AZ1071	OMT Pavement Engineering and System Preservation Planning	Other	\$2,750,000

STIP	PROJECT	PHASE	NEW FUNDING
AZ1091	OMT Pavement Network Condition Data Collection	Other	\$550,000

(Please note STIP references included herein, e.g., AW2696, are based on MDOT SHA contracts issued in FY 2022. The MDOT SHA contracts covering subsequent fiscal years do not use the same alphanumeric contract descriptor as used in FY 2022. The MDOT SHA is retaining these original STIP references, however, for continuity purposes as the projects and activities are remaining the same beyond FY 2022.)

OMT Pavement Engineering Procedural Enhancements (AW2696) – This requested amendment reflects the addition of \$100,000 to AW2696 funding. This project is wholly federally funded as MDOT SHA will use toll credits to convert the State funding component to federal funds. This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair by supporting MDOT SHA’s work to develop and update pavement specifications, standards, and guidelines. The funding added by this amendment covers MDOT SHA’s programmed expenditures for FY 2023.

OMT Slope Investigations for Repair and Preventive Maintenance (AX2795) – This requested amendment reflects the addition of \$200,000 to AX2795 funding. This project is wholly federally funded as MDOT SHA will use toll credits to convert the State funding component to federal funds. This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair by supporting MDOT SHA’s work to provide technical support to MDOT offices for roadway stability investigations. The funding added by this amendment covers MDOT SHA’s programmed expenditures for FY 2023.

OMT Pavement Program Development (AX7455) – This requested amendment reflects the addition of \$2,400,000 to AX7455 funding. This project is wholly federally funded as MDOT SHA will use toll credits to convert the State funding component to federal funds. This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair by supporting work to produce system preservation reports, pavement optimization analysis reports, and informs FHWA and MDOT transportation asset management decision-making. The funding added by this amendment covers MDOT SHA’s programmed expenditures for FY 2023.

OMT Geotechnical Asset Management (AZ0234) – This requested amendment reflects the addition of \$500,000 to AZ0234 funding. This project is wholly federally funded as MDOT SHA will use toll credits to convert the State funding component to federal funds. This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair by supporting the maintenance of MDOT SHA’s geotechnical asset inventory, condition, and risk-based strategy information in a GIS data warehouse including highway cut slopes, embankments, ground improvements, and subsurface exploration data. The funding added by this amendment covers MDOT SHA’s programmed expenditures for FY 2023.

OMT Pavement Engineering and System Preservation Planning (AZ1071) – This requested amendment reflects the addition of \$2,750,000 to AZ1071 funding. This project is wholly federally funded as MDOT SHA will use toll credits to convert the State funding component to federal funds. This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair by

Ms. Heather Murphy
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supporting field data collection, project level treatment selection, and pavement design. The funding added by this amendment covers MDOT SHA's programmed expenditures for FY 2023.

OMT Pavement Network Condition Data Collection (AZ1091) – This requested amendment reflects the addition of \$550,000 to AZ1091 funding. This project is wholly federally funded as MDOT SHA will use toll credits to convert the State funding component to federal funds. This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair by supporting the collection of pavement condition data by taking skid measurements and the use of an automatic road analyzer (ARAN). The funding added by this amendment covers MDOT SHA's programmed expenditures for FY 2023.

The attached 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 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 attachment. If you have any questions, please contact Mr. Matt Baker, MDOT SHA RIPD Chief, at 410-545-5668 or via email at mbaker4@mdot.maryland.gov.

ATTACHMENTS

- FY 2022-2025 Maryland STIP project AW2696 report
- FY 2022-2025 Maryland STIP project AX2795 report
- FY 2022-2025 Maryland STIP project AX7455 report
- FY 2022-2025 Maryland STIP project AZ0234 report
- FY 2022-2025 Maryland STIP project AZ1071 report
- FY 2022-2025 Maryland STIP project AZ1091 report

cc: Mr. Eric Beckett, Deputy Director, Office of Planning and Preliminary Engineering (OPPE), MDOT SHA
Praveen Desaraju, P.E., Assistant Division Chief, Pavement Management, Office of Materials Technology (OMT), MDOT SHA
Paulo DeSousa, P.E., Assistant Division Chief, Pavement Design, OMT, MDOT SHA
Madan Gaddan, P.E., Assistant Division Chief, Engineering Geology, OMT, MDOT SHA
Emad Gheibi, P.E., Division Chief, Field Explorations, OMT, MDOT SHA
C. Scott Pomento, P.E., Director, OPPE, MDOT SHA

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AW2696

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local (w/ tc)	Total
OMT Pavement Engineering Procedural Enhancements	B	n/a	n/a	\$ 95	\$ 5	\$ 100
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local (w/ tc)	Total
	MDOT SHA	Rural (Non-MPO)	tbd 2023 CTP	\$ 95	\$ 5	\$ 100

Description: Support for MDOT SHA's work to develop and update pavement specifications, standards, and guidelines.

Justification: This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair.

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria	Funding		FY 2022	FY 2023	FY 2024	FY 2025	Total
	<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	\$ 100	\$ -	\$ -	\$ -
	Federal		\$ 95	\$ -	\$ -	\$ -	\$ 95
	State/Local (w/ tc)		\$ 5	\$ -	\$ -	\$ -	\$ 5
	Proposed (000s)	Total	\$ 100	\$ 100	\$ -	\$ -	\$ 200
	Federal		\$ 95	\$ 95	\$ -	\$ -	\$ 190
	State/Local (w/ tc)		\$ 5	\$ 5	\$ -	\$ -	\$ 10
	Change (000s)	Total	\$ -	\$ 100	\$ -	\$ -	\$ 100
	Federal		\$ -	\$ 95	\$ -	\$ -	\$ 95
	State/Local (w/ tc)		\$ -	\$ 5	\$ -	\$ -	\$ 5



PHASE DETAIL

Current	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other	STBG (w/ tc)	\$ 95	\$ 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95	\$ 5	\$ 100
Total		\$ 95	\$ 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95	\$ 5	\$ 100

Proposed	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other	STBG (w/ tc)	\$ 95	\$ 5	\$ 95	\$ 5	\$ -	\$ -	\$ -	\$ 190	\$ 10	\$ 200
Total		\$ 95	\$ 5	\$ 95	\$ 5	\$ -	\$ -	\$ -	\$ 190	\$ 10	\$ 200

Change	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other	STBG (w/ tc)	\$ -	\$ -	\$ 95	\$ 5	\$ -	\$ -	\$ -	\$ 95	\$ 5	\$ 100
Total		\$ -	\$ -	\$ 95	\$ 5	\$ -	\$ -	\$ -	\$ 95	\$ 5	\$ 100

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AW2696 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 190	Federal	\$ -	Federal	\$ 190
State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 10	State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 10
Total	\$ -	Total	\$ 200	Total	\$ -	Total	\$ 200

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AX2795

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local (w/ tc)	Total
OMT Slope Investigations for Repair and Preventive Maintenance	B	n/a	n/a	\$ 190	\$ 10	\$ 200
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local (w/ tc)	Total
	MDOT SHA	Rural (Non-MPO)	tbd 2023 CTP	\$ 190	\$ 10	\$ 200

Description: Support for MDOT SHA's work to provide technical support to MDOT offices for roadway stability investigations.

Justification: This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair.

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria	Funding		FY 2022	FY 2023	FY 2024	FY 2025	Total
	<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	\$ 200	\$ -	\$ -	\$ -
	Federal		\$ 190	\$ -	\$ -	\$ -	\$ 190
	State/Local (w/ tc)		\$ 10	\$ -	\$ -	\$ -	\$ 10
	Proposed (000s)	Total	\$ 200	\$ 200	\$ -	\$ -	\$ 400
	Federal		\$ 190	\$ 190	\$ -	\$ -	\$ 380
	State/Local (w/ tc)		\$ 10	\$ 10	\$ -	\$ -	\$ 20
	Change (000s)	Total	\$ -	\$ 200	\$ -	\$ -	\$ 200
	Federal		\$ -	\$ 190	\$ -	\$ -	\$ 190
	State/Local (w/ tc)		\$ -	\$ 10	\$ -	\$ -	\$ 10



PHASE DETAIL

Current	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ 190	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 190	\$ 10	\$ 200
Total		\$ 190	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 190	\$ 10	\$ 200

Proposed	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ 190	\$ 10	\$ 190	\$ 10	\$ -	\$ -	\$ -	\$ 380	\$ 20	\$ 400
Total		\$ 190	\$ 10	\$ 190	\$ 10	\$ -	\$ -	\$ -	\$ 380	\$ 20	\$ 400

Change	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ -	\$ -	\$ 190	\$ 10	\$ -	\$ -	\$ -	\$ 190	\$ 10	\$ 200
Total		\$ -	\$ -	\$ 190	\$ 10	\$ -	\$ -	\$ -	\$ 190	\$ 10	\$ 200

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AX2795 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 380	Federal	\$ -	Federal	\$ 380
State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 20	State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 20
Total	\$ -	Total	\$ 400	Total	\$ -	Total	\$ 400

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AX7455

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local (w/ tc)	Total
OMT Pavement Program Development	B	n/a	n/a	\$ 2,280	\$ 120	\$ 2,400
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local (w/ tc)	Total
	MDOT SHA	Rural (Non-MPO)	tbd 2023 CTP	\$ 2,280	\$ 120	\$ 2,400

Description: Support for MDOT SHA's work to produce system preservation reports, pavement optimization analysis reports, and informs FHWA and MDOT transportation asset management decision-making.

Justification: This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair.

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria		Funding	FY 2022	FY 2023	FY 2024	FY 2025	Total
<input type="checkbox"/> A) Adds new individual projects to the current STIP		Current (000s)	\$ 2,400	\$ -	\$ -	\$ -	\$ 2,400
<input checked="" type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change		Federal	\$ 2,280	\$ -	\$ -	\$ -	\$ 2,280
<input type="checkbox"/> C) Removes or deletes individual listed project from the STIP		State/Local (w/ tc)	\$ 120	\$ -	\$ -	\$ -	\$ 120
<input type="checkbox"/> D) Other		Proposed (000s)	\$ 2,400	\$ 2,400	\$ -	\$ -	\$ 4,800
		Federal	\$ 2,280	\$ 2,280	\$ -	\$ -	\$ 4,560
		State/Local (w/ tc)	\$ 120	\$ 120	\$ -	\$ -	\$ 240
		Change (000s)	\$ -	\$ 2,400	\$ -	\$ -	\$ 2,400
		Federal	\$ -	\$ 2,280	\$ -	\$ -	\$ 2,280
		State/Local (w/ tc)	\$ -	\$ 120	\$ -	\$ -	\$ 120



PHASE DETAIL

Current	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ 2,280	\$ 120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,280	\$ 120	\$ 2,400
Total		\$ 2,280	\$ 120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,280	\$ 120	\$ 2,400

Proposed	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ 2,280	\$ 120	\$ 2,280	\$ 120	\$ -	\$ -	\$ -	\$ 4,560	\$ 240	\$ 4,800
Total		\$ 2,280	\$ 120	\$ 2,280	\$ 120	\$ -	\$ -	\$ -	\$ 4,560	\$ 240	\$ 4,800

Change	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ -	\$ -	\$ 2,280	\$ 120	\$ -	\$ -	\$ -	\$ 2,280	\$ 120	\$ 2,400
Total		\$ -	\$ -	\$ 2,280	\$ 120	\$ -	\$ -	\$ -	\$ 2,280	\$ 120	\$ 2,400

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AX7455 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 4,560	Federal	\$ -	Federal	\$ 4,560
State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 240	State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 240
Total	\$ -	Total	\$ 4,800	Total	\$ -	Total	\$ 4,800

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ0234

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local (w/ tc)	Total
OMT Geotechnical Asset Management	B	n/a	n/a	\$ 475	\$ 25	\$ 500
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local (w/ tc)	Total
	MDOT SHA	Rural (Non-MPO)	tbd 2023 CTP	\$ 475	\$ 25	\$ 500

Description: Support for maintenance of MDOT SHA's geotechnical asset inventory, condition, and risk-based strategy information in a GIS data warehouse including highway cut slopes, embankments, ground improvements, and subsurface exploration data.

Justification: This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair.

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria		Funding	FY 2022	FY 2023	FY 2024	FY 2025	Total
<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)	\$ 500	\$ -	\$ -	\$ -	\$ 500
		Federal	\$ 475	\$ -	\$ -	\$ -	\$ 475
		State/Local (w/ tc)	\$ 25	\$ -	\$ -	\$ -	\$ 25
		Proposed (000s)	\$ 500	\$ 500	\$ -	\$ -	\$ 1,000
		Federal	\$ 475	\$ 475	\$ -	\$ -	\$ 950
		State/Local (w/ tc)	\$ 25	\$ 25	\$ -	\$ -	\$ 50
		Change (000s)	\$ -	\$ 500	\$ -	\$ -	\$ 500
		Federal	\$ -	\$ 475	\$ -	\$ -	\$ 475
		State/Local (w/ tc)	\$ -	\$ 25	\$ -	\$ -	\$ 25



PHASE DETAIL

Current		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ 475	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475	\$ 25	\$ 500
Total		\$ 475	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475	\$ 25	\$ 500

Proposed		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ 475	\$ 25	\$ 475	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ 950	\$ 50	\$ 1,000
Total		\$ 475	\$ 25	\$ 475	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ 950	\$ 50	\$ 1,000

Change		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ -	\$ -	\$ 475	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ 475	\$ 25	\$ 500
Total		\$ -	\$ -	\$ 475	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ 475	\$ 25	\$ 500

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ0234 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 950	Federal	\$ -	Federal	\$ 950
State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 50	State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 50
Total	\$ -	Total	\$ 1,000	Total	\$ -	Total	\$ 1,000

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ1071

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local (w/ tc)	Total
OMT Pavement Engineering and System Preservation Planning	B	n/a	n/a	\$ 1,662	\$ 88	\$ 1,750
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local (w/ tc)	Total
	MDOT SHA	Rural (Non-MPO)	tbd 2023 CTP	\$ 2,613	\$ 137	\$ 2,750

Description: Support for MDOT SHA field data collection, project level treatment selection, and pavement design.

Justification: This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair.

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria		Funding	FY 2022	FY 2023	FY 2024	FY 2025	Total
<input type="checkbox"/> A) Adds new individual projects to the current STIP		Current (000s)	\$ 1,750	\$ -	\$ -	\$ -	\$ 1,750
<input checked="" type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change		Federal	\$ 1,662	\$ -	\$ -	\$ -	\$ 1,662
<input type="checkbox"/> C) Removes or deletes individual listed project from the STIP		State/Local (w/ tc)	\$ 88	\$ -	\$ -	\$ -	\$ 88
<input type="checkbox"/> D) Other		Proposed (000s)	\$ 1,750	\$ 2,750	\$ -	\$ -	\$ 4,500
		Federal	\$ 1,662	\$ 2,613	\$ -	\$ -	\$ 4,275
		State/Local (w/ tc)	\$ 88	\$ 137	\$ -	\$ -	\$ 225
		Change (000s)	\$ -	\$ 2,750	\$ -	\$ -	\$ 2,750
		Federal	\$ -	\$ 2,613	\$ -	\$ -	\$ 2,613
		State/Local (w/ tc)	\$ -	\$ 137	\$ -	\$ -	\$ 137



PHASE DETAIL

Current	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other	STBG (w/ tc)	\$ 1,662	\$ 88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,662	\$ 88	\$ 1,750
Total		\$ 1,662	\$ 88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,662	\$ 88	\$ 1,750

Proposed	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other	STBG (w/ tc)	\$ 1,662	\$ 88	\$ 2,613	\$ 137	\$ -	\$ -	\$ -	\$ 4,275	\$ 225	\$ 4,500
Total		\$ 1,662	\$ 88	\$ 2,613	\$ 137	\$ -	\$ -	\$ -	\$ 4,275	\$ 225	\$ 4,500

Change	FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
	Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other	STBG (w/ tc)	\$ -	\$ -	\$ 2,613	\$ 137	\$ -	\$ -	\$ -	\$ 2,613	\$ 137	\$ 2,750
Total		\$ -	\$ -	\$ 2,613	\$ 137	\$ -	\$ -	\$ -	\$ 2,613	\$ 137	\$ 2,750

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ1071 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 4,275	Federal	\$ -	Federal	\$ 4,275
State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 225	State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 225
Total	\$ -	Total	\$ 4,500	Total	\$ -	Total	\$ 4,500

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ1091

SUMMARY TABLE

Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)		
				Federal	State/Local (w/ tc)	Total
OMT Pavement Network Condition Data Collection	B	n/a	n/a	\$ 997	\$ 53	\$ 1,050
				Net Funding Change (000s)		
	Administration	Area/MPO	CTP Page	Federal	State/Local (w/ tc)	Total
	MDOT SHA	Rural (Non-MPO)	tbd 2023 CTP	\$ 523	\$ 27	\$ 550

Description: Support for MDOT SHA's collection of pavement condition data by taking skid measurements and the use of an automatic road analyzer (ARAN).

Justification: This project enables MDOT SHA to continue to ensure MDOT SHA roads are maintained in a state of good repair.

INDIVIDUAL REQUEST FORM

STIP/TIP Amendment Criteria		Funding	FY 2022	FY 2023	FY 2024	FY 2025	Total
<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)	\$ 1,050	\$ -	\$ -	\$ -	\$ 1,050
		Federal	\$ 997	\$ -	\$ -	\$ -	\$ 997
		State/Local (w/ tc)	\$ 53	\$ -	\$ -	\$ -	\$ 53
		Proposed (000s)	\$ 1,050	\$ 550	\$ -	\$ -	\$ 1,600
		Federal	\$ 997	\$ 523	\$ -	\$ -	\$ 1,520
		State/Local (w/ tc)	\$ 53	\$ 27	\$ -	\$ -	\$ 80
		Change (000s)	\$ -	\$ 550	\$ -	\$ -	\$ 550
		Federal	\$ -	\$ 523	\$ -	\$ -	\$ 523
		State/Local (w/ tc)	\$ -	\$ 27	\$ -	\$ -	\$ 27



PHASE DETAIL

Current		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ 997	\$ 53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 997	\$ 53	\$ 1,050
Total		\$ 997	\$ 53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 997	\$ 53	\$ 1,050

Proposed		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ 997	\$ 53	\$ 523	\$ 27	\$ -	\$ -	\$ -	\$ -	\$ 1,520	\$ 80	\$ 1,600
Total		\$ 997	\$ 53	\$ 523	\$ 27	\$ -	\$ -	\$ -	\$ -	\$ 1,520	\$ 80	\$ 1,600

Change		FY 2022		FY 2023		FY 2024		FY 2025		TOTAL		
Phase	Funding	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Federal	State/Local (w/ tc)	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	STBG (w/ tc)	\$ -	\$ -	\$ 523	\$ 27	\$ -	\$ -	\$ -	\$ -	\$ 523	\$ 27	\$ 550
Total		\$ -	\$ -	\$ 523	\$ 27	\$ -	\$ -	\$ -	\$ -	\$ 523	\$ 27	\$ 550

MARYLAND STATEWIDE TIP FY 2022-2025

MDOT STIP # AZ1091 (cont'd)

TOTAL PROJECT COST

Prior Cost (≤ FY 2021)		STIP Cost (FY 2022-2025)		Balance to Complete (≥ FY 2026)		Total Project Cost	
Federal	\$ -	Federal	\$ 1,520	Federal	\$ -	Federal	\$ 1,520
State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 80	State/Local (w/ tc)	\$ -	State/Local (w/ tc)	\$ 80
Total	\$ -	Total	\$ 1,600	Total	\$ -	Total	\$ 1,600