

MDOT
MARYLAND DEPARTMENT
OF TRANSPORTATION

STATE HIGHWAY
ADMINISTRATION

MDOT SHA STATEWIDE



PROJECT: Coordinated Highway Action Response Team (CHART)

DESCRIPTION: Install advanced traffic management system (ATMS) and advanced traffic information system (ATIS) technologies on Interstate highways and arterials statewide. Technologies include cameras, traffic detectors, weather sensors, dynamic message signs, highway advisory radios, web sites and telecommunication networks. CHART is comprised of five major components: 1) Traffic and Roadway Monitoring; 2) Incident Management; 3) Traveler's Information; 4) System Integration and Communication; and 5) Traffic Management.

PURPOSE & NEED SUMMARY STATEMENT: Heavy volumes of traffic, stop-and-go commuter peaks, and lack of comprehensive information regarding current, real-time conditions on available alternatives contribute to and compound the effects of unexpected incidents. With the growth in traffic outpacing any realistic hope of expanding capacity through building new highways, or expanding existing ones, it is imperative to operate the existing system more efficiently through the application of Intelligent Transportation System technologies and interagency teamwork.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safe, Secure, and Resilient
- Maintain & Modernize
- Economic Opportunity & Reduce Congestion
- Better Transportation Choices & Connections
- Quality & Efficiency
- Environmental Protection
- Fiscal Responsibility

EXPLANATION: Projects in the CHART program will aid in the reduction of travel time, reduce congestion and provide critical traffic information for the traveling public, which improves movement of both passengers and freight. Messages on dynamic message boards provide information to aid in the safety and security of travelers.

STATUS: This represents a summary of the Statewide CHART program. Individual projects are shown in the System Preservation Minor Projects Program pages in the county where the project is located.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: The project funding allocation increase of \$23.2 million is primarily due to the addition of FY 2027 to the program.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN YEAR	CURRENT YEAR	BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021				...2024...	...2025...	...2026...	...2027...		
Planning	42,745	23,094	3,035	1,651	2,000	2,000	4,000	5,000	5,000	19,651	0
Engineering	22,444	10,444	3,000	2,000	1,000	1,000	2,000	3,000	3,000	12,000	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	3,017	170	141	141	106	100	500	1,000	1,000	2,847	0
Construction	64,643	18,262	9,291	5,838	2,626	2,537	8,210	13,599	13,571	46,381	0
Total	132,849	51,970	15,467	9,630	5,732	5,637	14,710	22,599	22,571	80,879	0
Federal-Aid	59,932	27,626	13,443	8,140	3,257	2,659	6,957	5,650	5,643	32,306	0
Special	72,917	24,344	2,024	1,490	2,475	2,978	7,753	16,949	16,928	48,573	0
Other										0	

Classification:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A



PROJECT: Sidewalk Program

DESCRIPTION: This program provides matching funds for the construction of sidewalks adjacent to State highways.

PURPOSE & NEED SUMMARY STATEMENT: Program supports community revitalization efforts and efforts to encourage pedestrian usage of sidewalks along State highways.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law

Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safe, Secure, and Resilient
- Maintain & Modernize
- Economic Opportunity & Reduce Congestion
- Better Transportation Choices & Connections
- Quality & Efficiency
- Environmental Protection
- Fiscal Responsibility

EXPLANATION: This program supports community revitalization and other efforts to encourage pedestrian usage of sidewalks along State Highways. It also provides safer access to transit service for both bus and fixed rail systems.

STATUS: Individual projects are shown in the System Preservation Minor Projects Program pages in the county where the project is located.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: The project funding allocation increase of \$11.6 million is primarily due to the addition of FY 2027 to the program.

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL				BUDGET YEAR	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021	EXPENDED IN 2021	CURRENT YEAR 2022		YEAR 2023	...2024...	...2025...	...2026...		
Planning	3,700	350	48	150	300	300	600	1,000	1,000	3,350	0
Engineering	13,315	2,736	580	1,379	1,000	1,000	2,000	2,600	2,600	10,579	0
Right-of-way	158	7	0	151	0	0	0	0	0	151	0
Utilities	386	366	366	20	0	0	0	0	0	20	0
Construction	34,290	6,984	1,884	3,064	2,404	4,676	4,938	6,118	6,106	27,306	0
Total	51,848	10,442	2,878	4,764	3,704	5,976	7,538	9,718	9,706	41,406	0
Federal-Aid	27,719	4,660	1,853	3,598	2,401	2,469	4,834	4,880	4,877	23,059	0
Special	24,129	5,782	1,025	1,166	1,303	3,507	2,704	4,838	4,829	18,347	0
Other										0	

Classification:

STATE - N/A

FEDERAL - N/A

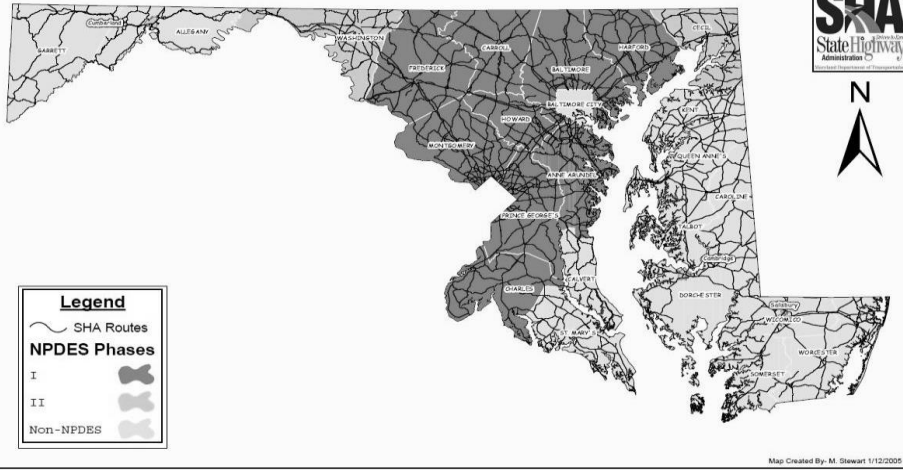
STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A

NPDES Jurisdictions



STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safe, Secure, and Resilient
- Maintain & Modernize
- Economic Opportunity & Reduce Congestion
- Better Transportation Choices & Connections
- Quality & Efficiency
- Environmental Protection
- Fiscal Responsibility

EXPLANATION:

PROJECT: Total Maximum Daily Load (TMDL)

DESCRIPTION: Plan, design, and construct storm water controls and alternative water quality improvement strategies in Maryland Phase 1 and Phase II counties in order to meet the US Environmental Protection Agency (EPA) Chesapeake Bay Total Maximum Daily Load (TMDL) requirements by 2025. These strategies support the goal of protecting and restoring the Chesapeake Bay watershed. The implementation will follow the State of Maryland's commitment in its Watershed Implementation Phase 1 Plan (WIP 1).

PURPOSE & NEED SUMMARY STATEMENT: The MDOT SHA is required to adhere to the Chesapeake Bay TMDL and local TMDLs as a result of its National Pollutant Discharge Elimination System (NPDES) Phase 1 and Phase II Municipal Separate Storm Sewer System Permit (MS4). This programmatic effort is needed to ensure permit compliance and supports the ultimate goal of improved water quality in Maryland streams, creeks, rivers, and the Chesapeake Bay.

- SMART GROWTH STATUS:**
- Project Not Location Specific
 - Not Subject to PFA Law
 - Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
 - Grandfathered
 - Exception Will Be Required
 - Exception Granted

ASSOCIATED IMPROVEMENTS:

STATUS: Planning, Engineering, Right-of-Way, and Construction underway.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: The project funding allocation increase of \$33.2 million is primarily due to the addition of FY 2027 to the program.

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021				...2024...	...2025...	...2026...	...2027...		
Planning	16,630	9,630	309	0	500	500	1,000	2,500	2,500	7,000	0
Engineering	33,419	18,118	384	0	1,801	2,000	2,500	4,500	4,500	15,301	0
Right-of-way	4,820	1,167	165	153	500	500	500	1,000	1,000	3,653	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	272,103	173,603	35,688	5,543	8,460	11,052	17,177	28,157	28,111	98,500	0
Total	326,972	202,518	36,546	5,696	11,261	14,052	21,177	36,157	36,111	124,454	0
Federal-Aid	150,356	83,203	28,443	3,614	7,261	9,537	14,674	16,039	16,028	67,153	0
Special	176,616	119,315	8,103	2,082	4,000	4,515	6,503	20,118	20,083	57,301	0
Other										0	

Classification:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A



PROJECT: Traffic Relief Plan (Phase 2) Smart Traffic Signals

DESCRIPTION: The system uses real-time traffic conditions and computer software that adjusts the timing of traffic signals, synchronizes the entire corridor, and effectively deploys artificial intelligence to keep traffic moving.

PURPOSE & NEED SUMMARY STATEMENT: Deploying cutting-edge Smart Traffic Signals will improve traffic operation and ease congestion.

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safe, Secure, and Resilient
- Maintain & Modernize
- Economic Opportunity & Reduce Congestion
- Better Transportation Choices & Connections
- Quality & Efficiency
- Environmental Protection
- Fiscal Responsibility

EXPLANATION: The Smart Traffic Signals will improve traffic operations and reduce congestion.

- SMART GROWTH STATUS:** Project Not Location Specific Not Subject to PFA Law
- Project Inside PFA
 - Project Outside PFA
 - PFA Status Yet to Be Determined
- Grandfathered
 - Exception Will Be Required
 - Exception Granted

ASSOCIATED IMPROVEMENTS:

STATUS: Engineering and Construction underway.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: The cost decrease of \$2.1 million is a result of the revised estimates to complete the Smart Traffic Signals Program.

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021				...2024...	...2025...	...2026...	...2027...		
Planning	3,132	1,113	268	489	357	565	365	243	0	2,019	0
Engineering	4,620	1,484	655	702	487	730	730	487	0	3,136	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	200	50	30	30	30	30	30	30	0	150	0
Construction	42,348	8,128	1,081	2,943	5,124	8,551	12,206	5,396	0	34,220	0
Total	50,300	10,775	2,034	4,164	5,998	9,876	13,331	6,156	0	39,525	0
Federal-Aid	42,951	5,396	1,116	3,957	5,700	9,383	12,666	5,849	0	37,555	0
Special	7,349	5,379	918	207	298	493	665	307	0	1,970	0
Other										0	

Classification:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A



PROJECT: I-270, Eisenhower Memorial Highway, and I-495, Capital Beltway - Phase 1

DESCRIPTION: Phase 1 includes the addition of managed lanes from the American Legion Bridge (ALB) to I-70, including replacement of the American Legion Bridge; and includes NEPA study for Phase 1 North. Phase 1 South, ALB to I-370, will leverage \$3.5 billion in construction funding, \$145 million in developer rights fee to offset MDOT costs, and \$5 million for vision zero efforts. In addition, the project will provide \$300 million to support transit services, \$50 million for community grants, \$25 million for emerging technologies over the operating term of the agreement (45 years)/Phase 1 North, I-370 to I-70), will also leverage a multi-billion dollar private construction investment as well as provide future financial benefits to the State of Maryland.

PURPOSE & NEED SUMMARY STATEMENT: The purpose of the I-495 & I-270 Public-Private Partnership (P3) Program is to provide long-term congestion relief on I-495 and I-270 by providing new options and opportunities for travelers while also being responsible to the community and the environment.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

- I-270, Innovative Congestion Management (Montgomery County Line 1)
- I-270, Eisenhower Memorial Highway, and I-495 Capital Beltway - Full Delivery Stream Restoration (Statewide Line 6)
- I-270, Eisenhower Memorial Highway, and I-495, Capital Beltway - P3 Program (Statewide Line 7)

STATUS: Phase 1 South is progressing with planning and preliminary design activities.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: This is a breakout of the I-270 and I-495 Capital Beltway Project.

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021				...2024...	...2025...	...2026...	...2027...		
Planning	61,000	26,000	26,000	30,000	5,000	0	0	0	0	35,000	0
Engineering	38,000	0	0	15,000	23,000	0	0	0	0	38,000	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	99,000	26,000	26,000	45,000	28,000	0	0	0	0	73,000	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	99,000	26,000	26,000	45,000	28,000	0	0	0	0	73,000	0
Other										0	

Classification:

STATE - Principal Arterial

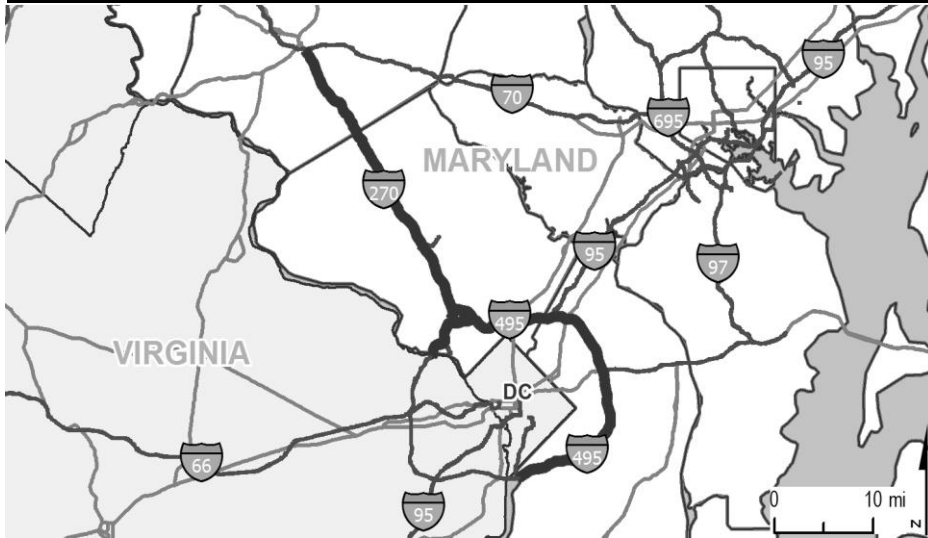
FEDERAL - Interstate

STATE SYSTEM: Primary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A



PROJECT: I-270 and I-495, Capital Beltway - Full Delivery Stream Restoration

DESCRIPTION: Full-delivery stream and wetland mitigation services in multiple watersheds.

PURPOSE & NEED SUMMARY STATEMENT: The purpose is to develop and provide compensatory stream and wetland mitigation credits to support MDOT SHA projects in the watersheds. Projects may include those developed under the I-495 & I-270 P3 Program or other MDOT SHA projects requiring compensatory mitigation in those watersheds.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

I-270, Innovative Congestion Management (Montgomery County Line 1)
 I-270, Eisenhower Memorial Highway, and I-495 Capital Beltway - Phase 1 (Statewide Line 5)
 I-270, Eisenhower Memorial Highway, and I-495, Capital Beltway - P3 Program (Statewide Line 7)

STATUS: Design underway.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: This is a breakout of the I-270 and I-495 Capital Beltway Project.

POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021				...2024...	...2025...	...2026...	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	12,067	5,254	5,254	4,913	1,900	0	0	0	0	6,813	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	12,067	5,254	5,254	4,913	1,900	0	0	0	0	6,813	0
Federal-Aid	7,579	4,729	4,729	1,140	1,710	0	0	0	0	2,850	0
Special	4,488	525	525	3,773	190	0	0	0	0	3,963	0
Other										0	

Classification:

STATE - Principal Arterial

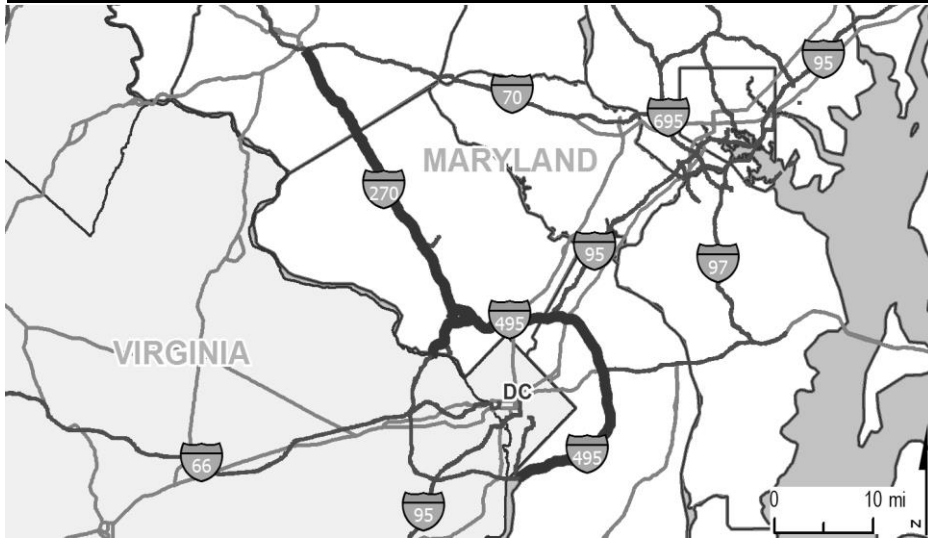
FEDERAL - Interstate

STATE SYSTEM: Primary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A



PROJECT: I-270, Eisenhower Memorial Highway, and I-495, Capital Beltway - P3 Program

DESCRIPTION: Planning and preliminary design activities in support of the Traffic Relief Plan, which is considering managed lanes along I-270 and I-495, including the Managed Lane Study.

PURPOSE & NEED SUMMARY STATEMENT: The purpose of the I-495 & I-270 Public-Private Partnership (P3) Program is to provide long-term congestion relief on I-495 and I-270 by providing new options and opportunities for travelers while also being responsible to the community and the environment.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

I-270, Innovative Congestion Management (Montgomery County Line 1)
 I-270, Eisenhower Memorial Highway, and I-495, Capital Beltway - Phase 1 (Statewide Line 5)
 I-270, Eisenhower Memorial Highway, and I-495 Capital Beltway - Full Delivery Stream Restoration (Statewide Line 6)

STATUS: Project Planning for Phase 1 South (American Legion Bridge to I-370) is in design.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: Project cost reduced by \$13.8 million primarily due to the Full Delivery Stream Restoration being broken out into a separate project.

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021				...2024...	...2025...	...2026...	...2027...		
Planning	128,622	128,622	26,800	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	128,622	128,622	26,800	0	0	0	0	0	0	0	0
Federal-Aid	7,900	7,900	7,900	0	0	0	0	0	0	0	0
Special	120,722	120,722	18,900	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - Principal Arterial

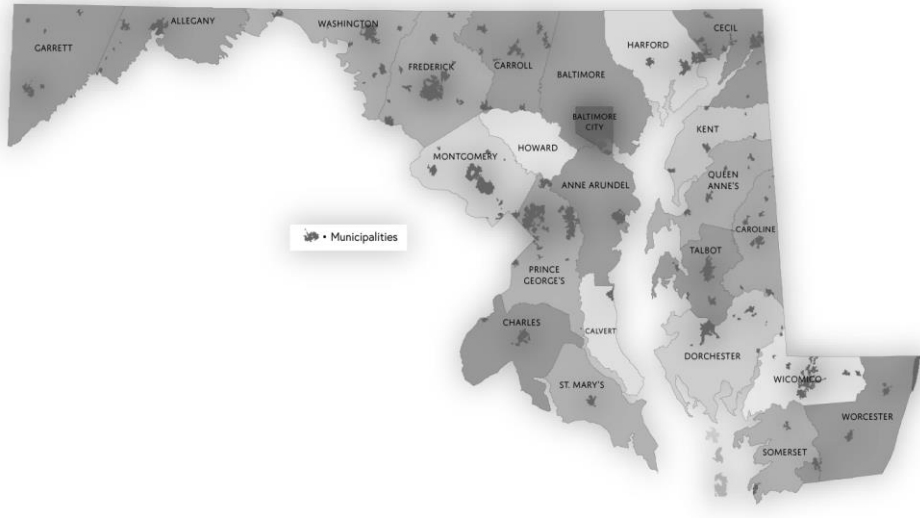
FEDERAL - Interstate

STATE SYSTEM: Primary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A



PROJECT: Highway User Revenue

DESCRIPTION: Highway User Revenue (HUR) are funds that are distributed from the Transportation Trust Fund to Baltimore City, local counties and municipalities for the benefit of local road systems. The calculation of local funding is based on a formula that incorporates roadway lane miles maintained by the jurisdiction and the number of registered vehicles in that jurisdiction.

PURPOSE & NEED SUMMARY STATEMENT: Chapter 330, Laws of Maryland 2018 increases the allocation of HUR to Baltimore City, the counties and the municipalities from 9.6% to 13.5% of the funds credited to the Gasoline and Motor Vehicle Revenue Account (GMVRA). This increased allocation is for five fiscal years (FY 2020 - FY 2024). Chapter 330 also changes the definition of HUR from funds in the GMVRA to capital grants appropriated to the local jurisdictions. These changes were effective July 1, 2019. This increases local transportation funding and is included in the 6-year CTP total funding level.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATUS: Funding ongoing.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: The project funding allocation increase of \$268.2 million is primarily due to the addition of FY 2027 to the program.

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021				...2024...	...2025...	...2026...	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,887,069	483,976	246,825	263,639	270,685	273,397	196,582	198,348	200,442	1,403,093	0
Total	1,887,069	483,976	246,825	263,639	270,685	273,397	196,582	198,348	200,442	1,403,093	0
Federal-Aid										0	
Special	1,887,069	483,976	246,825	263,639	270,685	273,397	196,582	198,348	200,442	1,403,093	0
Other										0	

Classification:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 9

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Bridge Replacement/Rehabilitation				
AX4144	-	STATEWIDE BRIDGE INSPECTION	\$ 4,260	Under Construction
AZ0221	-	BRIDGE INSPECTION-BRIDGE INSPECTION STATEWIDE	\$ 4,415	Under Construction
AZ0291	-	BRIDGE INSPECTION-BRIDGE INSPECTION STATEWIDE	\$ 4,353	Under Construction
AZ0292	-	STATEWIDE BRIDGE INSPECTION	\$ 4,103	Under Construction
XX163P	-	PRESERVATION OF MINOR REHAB OF FIXED BRIDGES, CULVERTS AND RETAINING WALLS	\$ 16,267	Under Construction
XX163R	-	TC-PRESERVATION OF MINOR REHAB OF MOVEABLE AND FIXED BRIDGES, CULVERTS AND WALLS	\$ 4,174	Under Construction
XX163S	-	PRESERVATION AND MINOR REHAB OF FIXED BRIDGES, CULVERTS, AND RETAINING WALLS	\$ 16,097	Under Construction
C.H.A.R.T. Projects				
AT6204	-	MISCELLANEOUS-STATEWIDE CHART DMS DEPLOYMENT - PHASE 5	\$ 5,380	Under Construction
AT6205	-	MISCELLANEOUS-STATEWIDE CHART DMS DEPLOYMENT - PHASE 6	\$ 5,118	Under Construction
AX1225	-	SOC FLOOR RECONFIGURATION - CHART (CONSTRUCTION)	\$ 5,861	Under Construction
AZ0401	-	US 1 IN HOWARD, ANNE ARUNDEL, AND BALTIMORE COUNTIES	\$ 6,471	Under Construction
Environmental Preservation				
AZ0715	-	AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 500	FY 2022
AT0442	-	LANDSCAPE-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 1,138	Under Construction
AX4472	-	LANDSCAPE-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 361	Under Construction
Noise Barriers				
XX6701	-	NOISE ABATEMENT-NOISE BARRIER PRESERVATION AND REMEDIATION AT VARIOUS LOCATIONS	\$ 3,316	Under Construction
Resurface/Rehabilitate				
XX1532	-	PATCHING-AT VARIOUS LOCATIONS IN KENT & QUEEN ANNE'S COUNTY	\$ 646	Completed
XX1533	-	PATCHING-AT VARIOUS LOCATIONS IN CAROLINE AND TALBOT COUNTY	\$ 688	Completed
XX1536	-	AT VARIOUS LOCATIONS IN KENT AND QUEEN ANNE'S COUNTY	\$ 1,066	Completed
XX1568	-	JOINT SEALING-AT VARIOUS LOCATIONS IN DISTRICT 6	\$ 1,109	Completed
XX5365	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 1,786	Completed
XY1221	-	SAFETY AND RESURFACE-VARIOUS SERVICE ROADS IN MONTGOMERY AND PRINCE GEORGE'S COUNTY	\$ 2,395	Completed
XY2449	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S, AND TALBOT COUNTY	\$ 1,783	Completed

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 9

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Resurface/Rehabilitate				
XY2471	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO AND WORCESTER COUNTIES	\$ 977	Completed
XY2502	-	PAVEMENT MARKING-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 1,948	Completed
XY2505	-	PAVEMENT MARKING-VARIOUS LOCATIONS IN DISTRICT 5- THERMO THINLINE STRIPING	\$ 2,358	Completed
XY252A	-	RESURFACE-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 2,282	Completed
XY258A	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 3,407	Completed
XY2595	-	SIDEWALKS-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 1,904	Completed
XY3412	-	JOINT SEALING- AT VARIOUS LOCATIONS IN CAROLINE,KENT,QUEEN ANNE'S AND TALBOT COUNTY	\$ 114	Completed
XY3472	-	GUARD RAIL- AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 1,458	Completed
XX112A	-	VARIOUS INTERSTATES IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 5,399	FY 2022
XX1535	-	AT VARIOUS LOCATIONS IN CAROLINE AND TALBOT COUNTY	\$ 1,830	FY 2022
XX1771	-	HIGH FRICTION SURFACE TREATMENT OF ROADWAYS AT VARIOUS LOCATIONS - STATEWIDE	\$ 6,000	FY 2022
XX1781	-	SURFACE ABRASION & DIAMOND GRINDING OF ROADWAYS AT VARIOUS LOCATIONS - STATEWIDE	\$ 9,000	FY 2022
XX1795	-	MICRO-SURFACING AT VARIOUS LOCATIONS IN AA, CA, CH, AND SM COUNTIES	\$ 2,551	FY 2022
XX2323	-	VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO, AND WORCESTER COUNTIES	\$ 600	FY 2022
XX2522	-	THERMOPLASTIC THINLINE STRIPING AT VAR LOCATIONS IN CE, KE, QA, CO, AND TA COS	\$ 1,930	FY 2022
XX3864	-	AREAWIDE PATCHING AND RESURFACING ON NHS IN BALTIMORE AND HARFORD COUNTIES	\$ 12,584	FY 2022
XY233M	-	AT VARIOUS LOCATIONS IN CARROLL, FREDERICK, AND HOWARD COUNTIES	\$ 3,000	FY 2022
XY237G	-	AT VARIOUS LOCATIONS IN CARROLL, FREDERICK, AND HOWARD COUNTIES	\$ 3,500	FY 2022
XY243B	-	TRAFFIC BARRIER UPGRADES AT VARIOUS LOCATIONS IN AA, CA, CH, AND SM COUNTIES	\$ 1,201	FY 2022
XY245D	-	AREAWIDE TRAFFIC BARRIER UPGRADES AT VARIOUS LOC IN BALTIMORE	\$ 3,691	FY 2022
XY245K	-	VARIOUS LOCATIONS IN ALLEGANY, GARRETT AND WASHINGTON COUNTIES	\$ 2,891	FY 2022
XY247B	-	VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO AND WORCESTER COUNTIES	\$ 944	FY 2022

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 9

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Resurface/Rehabilitate				
XY7011	-	VARIOUS LOCATIONS IN ALLEGANY COUNTY	\$ 5,785	FY 2022
XY7111	-	VARIOUS LOCATIONS IN GARRETT COUNTY	\$ 3,561	FY 2022
XY7122	-	FNE MILL, PATCH ABD RESURFACE PAVEMENTS VAR LOC. WEST OF US-1; HARFORD COUNTY	\$ 8,968	FY 2022
XY8081	-	FINE MILL, PATCH, RESURFACE - VARIOUS LOCATIONS IN CHARLES COUNTY.	\$ 7,286	FY 2022
XY8181	-	FINE MILL, PATCH, RESURFACE - VARIOUS LOCATIONS IN ST. MARY'S COUNTY	\$ 6,141	FY 2022
XX1713	-	ASPHALT PATCHING/BRIDGE APPROCHES IN CALVERT, CHARLES, AND ST. MARY'S COUNTY	\$ 1,182	Under Construction
XX2261	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN CALVERT, CHARLES AND SAINT MARY'S COUNTY	\$ 2,388	Under Construction
XX2262	-	AREAWIDE CHIP SEAL AND FOG SEAL IN CALVERT, CHARLES AND ST. MARY'S COUNTIES	\$ 705	Under Construction
XX2331	-	VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO, AND WORCESTER COUNTIES	\$ 1,094	Under Construction
XX3347	-	AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 2,245	Under Construction
XX3861	-	AREAWIDE PATCHING AND RESURFACING IN BALTIMORE AND HARFORD COUNTIES	\$ 11,724	Under Construction
XX412J	-	ASPHALT PATCHING/BRIDGE APPROCHES AT VARIOUS LOCATIONS IN ANNE ARUNDEL COUNTY	\$ 927	Under Construction
XY229B	-	AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 4,962	Under Construction
XY2339	-	SIDEWALKS-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 1,083	Under Construction
XY233C	-	AT VARIOUS LOCATIONS IN CAROLINE, CECEIL, KENT AND QUEEN ANNES'S COUNTY	\$ 1,131	Under Construction
XY233E	-	AREAWIDE SIDEWALK UPGRADES IN DISTRICT 7	\$ 2,973	Under Construction
XY2373	-	GUARD RAIL-AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 1,870	Under Construction
XY237B	-	W-BEAM UPGRADES AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 1,928	Under Construction
XY2418	-	AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 560	Under Construction
XY241G	-	AT VARIOUS LOCATIONS IN ANNE ARUNDEL, CALVERT, CHARLES AND ST. MARY'S COUNTY	\$ 1,054	Under Construction
XY2428	-	VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO, AND WORCESTER COUNTIES	\$ 1,467	Under Construction
XY242C	-	SIDEWALK, CONCRETE AND ADA COMPLIANCE IN ANNE ARUNDEL, CALVERT, AND CHARLES COUNTIES	\$ 1,014	Under Construction
XY244D	-	AT VARIOUS LOCATIONS IN BALTIMORE AND HARFORD COUNTY	\$ 557	Under Construction

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 9

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Resurface/Rehabilitate				
XY244E	-	CHIP SEAL IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 1,043	Under Construction
XY245B	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 6	\$ 3,764	Under Construction
XY2463	-	SIDEWALKS-AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 1,737	Under Construction
XY246A	-	AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 3,829	Under Construction
XY2479	-	TRAFFIC BARRIER UPGRADES AT VAR LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S	\$ 1,253	Under Construction
XY2507	-	PAVEMENT MARKING-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 3,984	Under Construction
XY2508	-	PAVEMENT MARKINGS CORRIDOR LINE STRIPING, ALLEGANY AND GARRETT COUNTIES	\$ 3,717	Under Construction
XY250A	-	THERMOPLASTIC THINLINE STRIPING IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 1,873	Under Construction
XY250B	-	THERMOPLASTIC THINLINE STRIPING IN BALTIMORE AND HARFORD COUNTIES	\$ 2,268	Under Construction
XY250C	-	AT VARIOUS LOCATIONS IN ANNE ARUNDEL, CALVERT, CHARLES	\$ 1,467	Under Construction
XY251E	-	ROADWAY LINE STRIPING IN CARROLL, FREDERICK, AND HOWARD COUNTIES	\$ 2,609	Under Construction
XY252H	-	UTBWC AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S	\$ 2,530	Under Construction
XY2543	-	LINE STRIPING AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 1,584	Under Construction
XY2545	-	WATERBORNE PAINT STRIPING AT VARIOUS LOCATIONS; AA, CA, CH, AND SM COUNTIES	\$ 709	Under Construction
XY258H	-	MICRO-SURFACING AND FOG SEAL VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S	\$ 2,266	Under Construction
XY6191	-	SAFETY AND RESURFACE-AT VARIOUS LOCATIONS IN SOMERSET COUNTY	\$ 7,380	Under Construction
Safety/Spot Improvement				
XX1671	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN PRINCE GEORGE'S AND MONTGOMERY COUNTIES	\$ 3,144	Completed
XX1673	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 3,971	Completed
XX1675	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 5,019	Completed
XX2301	-	RPM-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 328	Completed
AW4652	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 3,197	Under Construction
AX7662	-	DRAINAGE IMPROVEMENT-SWM AT VARIOUS LOCATIONS IN DISTRICT 7 - GROUP 1	\$ 4,256	Under Construction

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 9

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Safety/Spot Improvement				
XX1334	-	AREAWIDE SAFETY AND OPERATIONS IMPROVEMENTS FOR LOCATIONS IN BALTIMORE AND HARFORD COUNTIES	\$ 7,291	Under Construction
XX1338	-	AT VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO AND WORCESTER COUNTY	\$ 224	Under Construction
XX1674	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 3,394	Under Construction
XX228C	-	RPM'S AT VARIOUS LOCATIONS IN AA, CAL, CH,	\$ 1,254	Under Construction
XX228D	-	AT VARIOUS LOCATIONS IN ALLEGANY, GARRETT AND WASHINGTON COUNTY	\$ 881	Under Construction
XX228E	-	INSTALL RAISED PAVEMENT MARKERS AT VAR LOCATIONS IN CAR, FRED AND HOW COUNTIES	\$ 1,329	Under Construction
XX3674	-	ADA SIDEWALK UPGRADES DISTRICT 4	\$ 3,304	Under Construction
XY2534	-	GUARD RAIL-AREAWIDE TRAFFIC BARRIER UPGRADES IN DISTRICT 4	\$ 2,512	Under Construction
Traffic Management				
XX1411	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 1 AND 2	\$ 5,101	Completed
XX1523	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 5,934	Completed
XX1691	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICTS 6 AND 7	\$ 5,440	Completed
XX1701	-	LIGHTING-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 3,588	Completed
XY1521	-	SIGNING-AT VARIOUS LOCATIONS IN DISTRICTS 6 AND 7	\$ 4,652	Completed
XY176A	-	SIGNING-AT VARIOUS LOCATIONS IN DISTRICT 1 AND 2	\$ 3,584	Completed
XX1811	-	MOD/INSTALL/RECON OF SIGNING-STATEWIDE	\$ 3,432	FY 2022
XX1741	-	LIGHTING-AT VARIOUS LOCATIONS IN DISTRICT 4	\$ 2,447	Under Construction
XX6602	-	MOD/INSTALL/RECON OF LIGHTING - DO, SO, WI, WO, CO, CE, KE, QA, TA , BA, HA CO'S	\$ 1,778	Under Construction
XY1771	-	SIGNING-AT VARIOUS LOCATIONS IN DISTRICTS 3, 4 AND 5	\$ 6,252	Under Construction
Transportation Alternatives Program				
AX8231	-	MISCELLANEOUS-SYNTHESIS OF MARYLAND ARCHEOLOGICAL DATA	\$ 135	Completed