

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; 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 2020 - 25 CTP: Funding deferred due to reduced revenues from COVID-19 pandemic. MDOT will be re-evaluating all deferrals for opportunities to restore funding as additional information becomes available on revenues and potential federal infrastructure support.

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 2020	CURRENT YEAR 2021	BUDGET YEAR 2022	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2020				...2023...	...2024...	...2025...	...2026...		
Planning	38,245	20,059	10,639	3,035	1,651	2,500	2,000	4,000	5,000	18,186	0
Engineering	19,444	7,444	2,869	3,000	2,000	1,000	1,000	2,000	3,000	12,000	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	2,017	29	29	141	141	106	100	500	1,000	1,988	0
Construction	49,970	8,971	4,466	8,292	5,239	2,802	2,819	8,601	13,246	40,999	0
Total	109,676	36,503	18,003	14,468	9,031	6,408	5,919	15,101	22,246	73,173	0
Federal-Aid	55,152	14,183	6,037	12,514	8,261	3,502	2,960	7,610	6,123	40,969	0
Special	54,524	22,320	11,966	1,954	771	2,906	2,960	7,491	16,123	32,204	0
Other										0	

Classification:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2020) N/A

PROJECTED (2040) 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 along State highways.

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

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

EXPLANATION: This program supports community revitalization and other efforts to encourage pedestrian usage 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 2020 - 25 CTP: Funding deferred due to reduced revenues from COVID-19 pandemic. MDOT will be re-evaluating all deferrals for opportunities to restore funding as additional information becomes available on revenues and potential federal infrastructure support.

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 2020				...2023...	...2024...	...2025...	...2026...		
Planning	2,502	302	195	0	0	300	300	600	1,000	2,200	0
Engineering	8,756	2,156	1,302	0	0	1,000	1,000	2,000	2,600	6,600	0
Right-of-way	7	7	0	0	0	0	0	0	0	0	0
Utilities	346	0	0	346	0	0	0	0	0	346	0
Construction	28,638	5,100	2,368	4,354	3,000	2,473	2,607	5,138	5,966	23,538	0
Total	40,248	7,564	3,864	4,700	3,000	3,773	3,907	7,738	9,566	32,684	0
Federal-Aid	25,326	2,807	1,178	4,277	2,850	2,536	2,603	5,169	5,083	22,519	0
Special	14,922	4,757	2,686	423	150	1,237	1,304	2,569	4,483	10,165	0
Other										0	

Classification:

STATE - N/A

FEDERAL - N/A

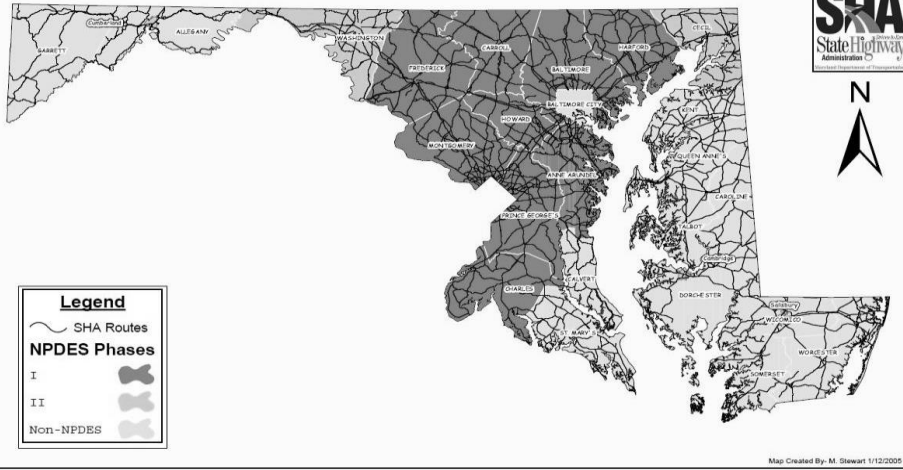
STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2020) N/A

PROJECTED (2040) 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 2020 - 25 CTP: Funding deferred due to reduced revenues from COVID-19 pandemic. MDOT will be re-evaluating all deferrals for opportunities to restore funding as additional information becomes available on revenues and potential federal infrastructure support.

POTENTIAL FUNDING SOURCE:												
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER												
PHASE	TOTAL					PROJECTED CASH REQUIREMENTS					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$'000)	EXPENDED THRU 2020	EXPENDED IN 2020	CURRENT YEAR 2021	BUDGET YEAR 2022	...2023...	...2024...	...2025...	...2026...			
Planning	13,821	9,321	4,404	0	0	500	500	1,000	2,500	4,500	0	
Engineering	30,613	17,734	3,567	78	0	3,801	2,000	2,500	4,500	12,879	0	
Right-of-way	3,999	1,002	41	344	153	500	500	500	1,000	2,997	0	
Utilities	0	0	0	0	0	0	0	0	0	0	0	
Construction	245,380	137,915	76,660	37,050	4,261	9,525	11,296	17,740	27,593	107,465	0	
Total	293,813	165,972	84,672	37,472	4,414	14,326	14,296	21,740	35,593	127,841	0	
Federal-Aid	144,263	54,760	38,760	35,409	3,777	7,851	10,056	15,614	16,797	89,504	0	
Special	149,550	111,212	45,912	2,063	637	6,475	4,240	6,126	18,797	38,338	0	
Other										0		

Classification:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2020) N/A

PROJECTED (2040) 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 2020 - 25 CTP: None

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER											
PHASE	TOTAL		EXPENDED IN 2020	CURRENT YEAR 2021	BUDGET YEAR 2022	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2020				...2023...	...2024...	...2025...	...2026...		
Planning	2,508	1,221	828	573	430	283	0	0	0	1,286	0
Engineering	4,209	1,791	426	967	378	375	349	349	0	2,418	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	20	20	20	0	0	0	0	0	0	0	0
Construction	45,616	7,183	4,944	2,715	4,271	3,329	3,560	2,192	2,213	18,280	20,153
Total	52,353	10,215	6,217	4,255	5,079	3,987	3,909	2,541	2,213	21,984	20,153
Federal-Aid	37,433	4,959	3,035	3,192	4,796	3,761	3,714	2,414	2,102	19,979	12,495
Special	14,920	5,256	3,182	1,064	283	226	195	127	111	2,006	7,658
Other										0	

Classification:

STATE - N/A

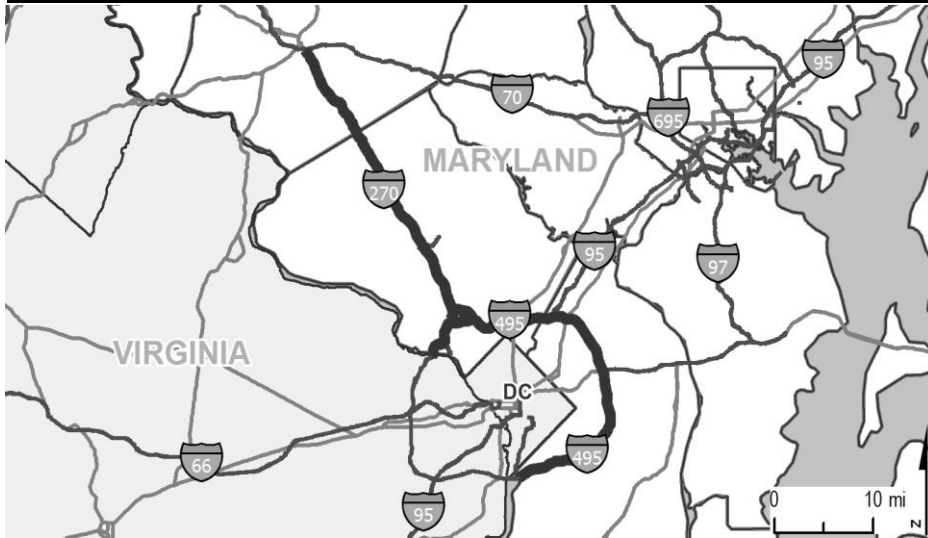
FEDERAL - N/A

STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2020) N/A

PROJECTED (2040) N/A



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

DESCRIPTION: Planning and preliminary design activities in support of the Traffic Relief Plan, which is considering managed lanes along I-270 and I-495. Pre-NEPA activities are underway for I-270 from I-370 in Montgomery County to I-70 in Frederick. Future planning activities will occur on I-495 from MD 5 to the Woodrow Wilson Bridge.

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, Interchange Construction at Watkins Mill Road (Montgomery County Line 2)
- I-270, Innovative Congestion Management (Montgomery County Line 1)
- I-95/I-495, Bridge Replacements over Suitland Road (Prince George's County Line 1)
- I-95/I-495 Bridge Replacement over Suitland Parkway (Prince George's County Line 2)

STATUS: Planning underway. MDOT is funding planning activities in advance of awarding a P3 Phase Agreement for predevelopment activities to a partner, which will lead to long-term design, build, operations and maintenance P3 Section Agreements in the future. Any upfront expenses will be reimbursed at P3 financial close.

SIGNIFICANT CHANGE FROM FY 2020 - 25 CTP: The cost increase of \$2.8M is due to additional wetland credits in the Patuxent Watershed. The wetland mitigation project cash flows were moved from construction to engineering.

POTENTIAL FUNDING SOURCE:												
<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER												
PHASE	TOTAL					PROJECTED CASH REQUIREMENTS					SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2020	EXPENDED IN 2020	CURRENT YEAR 2021	BUDGET YEAR 2022	...2023...	...2024...	...2025...	...2026...			
Planning	130,130	101,822	57,973	28,308	0	0	0	0	0	28,308	0	
Engineering	12,315	504	504	10,611	1,200	0	0	0	0	11,811	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	142,445	102,326	58,477	38,919	1,200	0	0	0	0	40,119	0	
Federal-Aid	20,190	0	0	19,050	1,140	0	0	0	0	20,190	0	
Special	122,255	102,326	58,477	19,869	60	0	0	0	0	19,929	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 (2020) N/A

PROJECTED (2040) 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 are effective July 1, 2019. This change 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 2020 - 25 CTP:

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL ESTIMATED COST (\$'000)	EXPENDED THRU 2020	EXPENDED IN 2020	CURRENT YEAR 2021	BUDGET YEAR 2022	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
						...2023...	...2024...	...2025...	...2026...		
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	1,618,895	237,151	237,151	234,619	248,537	258,423	261,619	188,905	189,641	1,381,744	0
Total	1,618,895	237,151	237,151	234,619	248,537	258,423	261,619	188,905	189,641	1,381,744	0
Federal-Aid										0	
Special	1,618,895	237,151	237,151	234,619	248,537	258,423	261,619	188,905	189,641	1,381,744	0
Other										0	

Classification:

STATE - N/A

FEDERAL - N/A

STATE SYSTEM: N/A

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2020) N/A

PROJECTED (2040) N/A

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 7

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Bridge Replacement/Rehabilitation				
AT7622	-	CLEAN/PAINT BRIDGES-VARIOUS BRIDGES ON OCEAN HIGHWAY, SALISBURY BYPASS, OCEAN CITY EXPRESSWAY	\$ 1,477	Completed
XX163C	-	BRIDGE REHABILITATION-MOVABLE AND FIXED BRIDGES, CULVERTS AND WALLS - STATEWIDE	\$ 11,327	Completed
XX163D	-	BRIDGE REHABILITATION-PRESERVATION AND MINOR REHAB OF FIXED BRIDGES, CULVERTS, AND WALLS, STATEWIDE.	\$ 9,028	Completed
XX163E	-	BRIDGE REHABILITATION-PRESERVATION AND REHAB OF BRIDGES, CULVERTS AND WALLS STATEWIDE	\$ 8,894	Completed
XX163F	-	BRIDGE REHABILITATION-PRESERVATION AND REHAB OF BRIDGES, CULVERTS AND WALLS STATEWIDE.	\$ 8,904	Completed
XX163G	-	BRIDGE REHABILITATION-PRESERVATION AND MINOR REHAB OF FIXED BRIDGES, CULVERTS, AND WALLS, STATEWIDE.	\$ 8,856	Completed
XX163H	-	BRIDGE REHABILITATION-PRESERVATION AND REHAB OF BRIDGES, CULVERTS AND WALLS IN DISTRICT 6.	\$ 2,115	Completed
AZ0221	-	BRIDGE INSPECTION-BRIDGE INSPECTION STATEWIDE	\$ 4,415	Under Construction
AZ0291	-	BRIDGE INSPECTION-BRIDGE INSPECTION STATEWIDE	\$ 4,353	Under Construction
XX163P	-	PRESERVATION OF MINOR REHAB OF FIXED BRIDGES, CULVERTS AND RETAINING WALLS.	\$ 13,728	Under Construction
C.H.A.R.T. Projects				
AT6223	-	MISCELLANEOUS-STATEWIDE CHART CCTV DEPLOYMENT - PHASE 6	\$ 3,765	Completed
AT6204	-	MISCELLANEOUS-STATEWIDE CHART DMS DEPLOYMENT - PHASE 5	\$ 5,882	Under Construction
AT6205	-	MISCELLANEOUS-STATEWIDE CHART DMS DEPLOYMENT - PHASE 6	\$ 5,393	Under Construction
AX1225	-	SOC FLOOR RECONFIGURATION - CHART (CONSTRUCTION)	\$ 5,861	Under Construction
AZ0401	-	US 1 IN HOWARD, ANNE ARUNDEL, AND BALTIMORE COUNTIES.	\$ 7,260	Under Construction
Environmental Preservation				
AX8584	-	LANDSCAPE-WELCOME CENTER - POLLINATOR INITIATIVE IMPROVEMENTS - STATEWIDE	\$ 206	Completed
AT0442	-	LANDSCAPE-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 2,088	Under Construction
AX4472	-	LANDSCAPE-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 424	Under Construction
Noise Barriers				
XX6691	-	NOISE ABATEMENT-NOISE BARRIER PRESERVATION AND REMEDIATION - STATEWIDE	\$ 2,240	Completed
XX6701	-	NOISE ABATEMENT-NOISE BARRIER PRESERVATION AND REMEDIATION AT VARIOUS LOCATIONS	\$ 200	Under Construction

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 7

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Resurface/Rehabilitate				
AW9261	IS70	BALTIMORE NATIONAL PIKE-SAFETY AND RESURFACE-CARROLL COUNTY LINE TO EAST OF MD 75	\$ 2,544	Completed
XX1121	-	PATCHING-ALONG VARIOUS INTERSTATES IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 8,625	Completed
XX2321	-	AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 642	Completed
XX412C	-	RESURFACE-AT VARIOUS LOCATIONS IN CAROLINE AND TALBOT COUNTIES	\$ 1,892	Completed
XX412F	-	PATCHING-AT VARIOUS LOCATIONS IN KENT AND QUEEN ANNE'S COUNTIES	\$ 1,888	Completed
XX412H	-	PATCHING-AT VARIOUS LOCATIONS IN CAROLINE AND TALBOT COUNTIES	\$ 1,822	Completed
XY1801	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 5,662	Completed
XY2293	-	JOINT SEALING-AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 5,404	Completed
XY2332	-	SIDEWALKS-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 1,392	Completed
XY2371	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO AND WORCESTER COUNTIES	\$ 1,566	Completed
XY237A	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 2,000	Completed
XY2412	-	JOINT SEALING-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 465	Completed
XY2422	-	SIDEWALKS-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 1,049	Completed
XY2423	-	SIDEWALKS-AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 2,149	Completed
XY2442	-	JOINT SEALING-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, QUEEN ANNE'S AND TALBOT COUNTIES	\$ 337	Completed
XY2445	-	JOINT SEALING-AT VARIOUS LOCATIONS IN CALVERT, CHARLES AND ST MARY'S COUNTIES	\$ 1,390	Completed
XY2454	-	GUARD RAIL-AT VARIOUS LOCATIONS IN BALTIMORE AND HARFORD COUNTIES	\$ 2,038	Completed
XY2455	-	GUARD RAIL-AT VARIOUS LOCATIONS IN ANNE ARUNDEL, CALVERT, CHARLES AND ST MARY'S	\$ 2,020	Completed
XY2456	-	GUARD RAIL-AT VARIOUS LOCATIONS IN ALLEGANY, GARRETT AND WASHINGTON COUNTIES	\$ 2,396	Completed
XY2457	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 2,341	Completed
XY245E	-	AREAWIDE TRAFFIC BARRIER UPGRADES IN DISTRICT 7.	\$ 4,569	Completed
XY2461	-	PATCHING-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 1,845	Completed
XY2467	-	SIDEWALKS-AT VARIOUS LOCATIONS IN CARROLL, FREDERICK AND HOWARD COUNTIES	\$ 3,795	Completed
XY2472	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 574	Completed
XY2477	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 3,595	Completed
XY2478	-	VARIOUS LOCATIONS IN DISTRICT 1	\$ 1,143	Completed
XY2495	-	RESURFACE-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 2,134	Completed

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 7

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Resurface/Rehabilitate				
XY249B	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN DISTRICT 4 - ULTRA THIN BONDED WEARING COURSE	\$ 4,137	Completed
XY2501	-	PAVEMENT MARKING-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 1,469	Completed
XY2503	-	PAVEMENT MARKING- VARIOUS LOCATIONS IN DISTRICT 3	\$ 1,790	Completed
XY2504	-	PAVEMENT MARKING-AT VARIOUS LOCATIONS IN DISTRICT 4 - THERMO THINLINE STRIPING	\$ 1,743	Completed
XY2505	-	PAVEMENT MARKING-VARIOUS LOCATIONS IN DISTRICT 5 - THERMO THINLINE STRIPING	\$ 2,358	Completed
XY2506	-	PAVEMENT MARKING-VARIOUS LOCATIONS IN WASHINGTON COUNTY.	\$ 1,128	Completed
XY2522	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 3,302	Completed
XY2581	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 3,681	Completed
XY2582	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 2,730	Completed
XX1535	-	AT VARIOUS LOCATIONS IN CAROLINE AND TALBOT COUNTY	\$ 1,003	FY 2021
XX1536	-	AT VARIOUS LOCATIONS IN KENT AND QUEEN ANNE'S COUNTY	\$ 1,032	FY 2021
XY233C	-	AT VARIOUS LOCATIONS IN CAROLINE, CECEIL, KENT AND QUEEN ANNES'S COUNTY	\$ 857	FY 2021
XY2418	-	AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 837	FY 2021
XY2428	-	VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO, AND WORCESTER COUNTIES.	\$ 600	FY 2021
XY244E	-	CHIP SEAL IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 1,644	FY 2021
XY2479	-	TRAFFIC BARRIER UPGRADES AT VAR LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S	\$ 1,754	FY 2021
XY252H	-	UTBWC AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S	\$ 2,503	FY 2021
XY258H	-	MICRO-SURFACING AND FOG SEAL VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S	\$ 2,439	FY 2021
XX112A	-	VARIOUS INTERSTATES IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES.	\$ 5,000	Under Construction
XX1531	-	PATCHING-AT VARIOUS LOCATIONS IN CECIL COUNTY.	\$ 951	Under Construction
XX1532	-	PATCHING-AT VARIOUS LOCATIONS IN KENT & QUEEN ANNE'S COUNTY.	\$ 1,048	Under Construction
XX1533	-	PATCHING-AT VARIOUS LOCATIONS IN CAROLINE AND TALBOT COUNTY	\$ 688	Under Construction
XX1568	-	JOINT SEALING-AT VARIOUS LOCATIONS IN DISTRICT 6	\$ 1,109	Under Construction
XX2261	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN CALVERT, CHARLES AND SAINT MARY'S COUNTY	\$ 1,300	Under Construction
XX3347	-	AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 2,288	Under Construction
XX3861	-	AREAWIDE PATCHING AND RESURFACING IN BALTIMORE AND HARFORD COUNTIES.	\$ 13,914	Under Construction
XX412J	-	ASPHALT PATCHING/BRIDGE APPROCHES AT VARIOUS LOCATIONS IN ANNE ARUNDEL COUNTY	\$ 1,500	Under Construction

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 7

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Resurface/Rehabilitate				
XX5365	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 1,786	Under Construction
XY1221	-	SAFETY AND RESURFACE-VARIOUS SERVICE ROADS IN MONTGOMERY AND PRINCE GEORGE'S COUNTY	\$ 2,395	Under Construction
XY229B	-	AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES.	\$ 5,000	Under Construction
XY2339	-	SIDEWALKS-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 1,082	Under Construction
XY233E	-	AREAWIDE SIDEWALK UPGRADES IN DISTRICT 7.	\$ 4,235	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.	\$ 2,000	Under Construction
XY241E	-	DISTRICT 7 AREAWIDE CRACK AND JOINT SEALING.	\$ 2,288	Under Construction
XY241G	-	AT VARIOUS LOCATIONS IN ANNE ARUNDEL,CALVERT,CHARLES AND ST. MARY'S COUNTY	\$ 1,373	Under Construction
XY242C	-	SIDEWALK, CONCRETE AND ADA COMPLIANCE IN A.A., CALV, CHAR	\$ 1,144	Under Construction
XY2449	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S, AND TALBOT COUNTY	\$ 1,782	Under Construction
XY244D	-	AT VARIOUS LOCATIONS IN BALTIMORE AND HARFORD COUNTY	\$ 694	Under Construction
XY245B	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 6	\$ 2,986	Under Construction
XY245D	-	AREAWIDE TRAFFIC BARRIER UPGRADES AT VARIOUS LOC IN BALTIMORE	\$ 3,467	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.	\$ 4,000	Under Construction
XY2471	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO AND WORCESTER COUNTIES	\$ 977	Under Construction
XY2502	-	PAVEMENT MARKING-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 1,947	Under Construction
XY2507	-	PAVEMENT MARKING-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 3,175	Under Construction
XY250C	-	AT VARIOUS LOCATIONS IN ANNE ARUNDEL, CALVERT, CHARLES	\$ 2,000	Under Construction
XY251E	-	ROADWAY LINE STRIPING IN CARROLL, FREDERICK, AND HOWARD COUNTIES.	\$ 755	Under Construction
XY252A	-	RESURFACE-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 2,281	Under Construction
XY258A	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 2,259	Under Construction
XY2595	-	SIDEWALKS-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 1,904	Under Construction
XY3412	-	JOINT SEALING- AT VARIOUS LOCATIONS IN CAROLINE,KENT,QUEEN ANNE'S AND TALBOT COUNTY	\$ 114	Under Construction

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 7

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Resurface/Rehabilitate				
XY3472	-	GUARD RAIL- AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 1,458	Under Construction
XY6191	-	SAFETY AND RESURFACE-AT VARIOUS LOCATIONS IN SOMERSET COUNTY	\$ 7,379	Under Construction
Safety/Spot Improvement				
XX1331	-	RUMBLE STRIPS-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 363	Completed
XX1497	-	GUARD RAIL-AT VARIOUS LOCATIONS IN FREDERICK, CARROLL AND HOWARD COUNTIES	\$ 2,211	Completed
XX228A	-	RPM-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 517	Completed
XX228B	-	AT VARIOUS LOCATIONS IN DISTRICT 4	\$ 944	Completed
XX2317	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 1,697	Completed
XX5357	-	SIDEWALKS-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 2,616	Completed
XX668B	-	AT VARIOUS LOCATIONS IN BALTIMORE AND HARFORD COUNTIES.	\$ 266	Completed
XY1691	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 6	\$ 8,786	Completed
XY2351	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 2,322	Completed
XX3674	-	ADA SIDEWALK UPGRADES DISTRICT 4	\$ 2,990	FY 2021
XYXY21	-	TRAFFIC BARRIER UPGRADES AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 1,754	FY 2021
AW4652	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 3,445	Under Construction
AX7662	-	DRAINAGE IMPROVEMENT-SWM AT VARIOUS LOCATIONS IN DISTRICT 7 - GROUP 1	\$ 7,038	Under Construction
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	\$ 275	Under Construction
XX1671	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN PRINCE GEORGE'S AND MONTGOMERY COUNTIES	\$ 3,144	Under Construction
XX1673	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 3,971	Under Construction
XX1674	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 3,708	Under Construction
XX1675	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 5,019	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	\$ 1,014	Under Construction
XX228E	-	INSTALL RAISED PAVEMENT MARKERS AT VAR LOCATIONS IN CAR, FRED AND HOW COUNTIES	\$ 1,600	Under Construction
XX2293	-	GEOMETRIC IMPROVEMENTS-AT VARIOUS LOCATIONS IN PRINCE GEORGE'S AND MONTGOMERY COUNTY	\$ 5,952	Under Construction
XX2301	-	RPM-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 328	Under Construction
XY2534	-	GUARD RAIL-AREAWIDE TRAFFIC BARRIER UPGRADES IN DISTRICT 4	\$ 2,512	Under Construction

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 7

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
TMDL Compliance				
AW0431	-	LANDSCAPE-TREE PLANTING AT VARIOUS LOCATIONS IN DISTRICT 4	\$ 2,089	Completed
AW0433	-	LANDSCAPE-TREE PLANTING ON DNR PROPERTY IN DISTRICT 4	\$ 922	Completed
AW0444	-	LANDSCAPE-TREE PLANTING ON DNR PROPERTY IN DISTRICT 7	\$ 2,020	Completed
AW0461	-	LANDSCAPE-TREE PLANTING AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 733	Completed
AX766E	-	DRAINAGE IMPROVEMENT-TMDL SWM RETROFITS - GROUP 1A - DISTRICT3	\$ 1,123	Completed
AX9294	-	DRAINAGE IMPROVEMENT-SWM FACILITIES REMEDIATION	\$ 4,327	Completed
Traffic Management				
XX1424	-	MOD/INSTALL/RECON/OF TRAFFIC SIGNALS - DISTRICT 4	\$ 5,925	Completed
XX1426	-	MOD/INSTALL/RECON OF TRAFFIC SIGNALS - DISTRICTS 6 & 7	\$ 5,108	Completed
XX1801	-	LIGHTING-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 4,726	Completed
XY1501	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 4	\$ 6,023	Completed
XY1671	-	SIGNING-SIGN STRUCTURE REPLACEMENT - STATEWIDE	\$ 7,360	Completed
XY1701	-	SIGNING-MODIFY/INSTALL/RECON OF SIGNING STATEWIDE	\$ 8,815	Completed
XY1721	-	LIGHTING-AT VARIOUS LOCATIONS IN DISTRICT 6 AND 7	\$ 3,025	Completed
XY1731	-	SIGNALIZATION-AT VARIOUS LOCATIONS - STATEWIDE	\$ 6,821	Completed
XY1741	-	SIGNALIZATION-AT VARIOUS LOCATIONS STATEWIDE - UPS/APS/CFS	\$ 3,641	Completed
XY1783	-	LIGHTING-AT VARIOUS LOCATIONS IN PRINCE GEORGE'S AND MONTGOMERY COUNTY	\$ 3,546	Completed
XY1791	-	LIGHTING-AT VARIOUS LOCATIONS IN DISTRICT 1 AND 2	\$ 3,735	Completed
XY1845	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 5,542	Completed
XY1851	-	MOD/INSTALL/RECON OF SIGNING - DISTRICTS 3, 4 & 5	\$ 7,395	Completed
XX1411	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 1 AND 2	\$ 4,758	Under Construction
XX1523	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 6,078	Under Construction
XX1691	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICTS 6 AND 7	\$ 5,642	Under Construction
XX1701	-	LIGHTING-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 3,588	Under Construction
XX1741	-	LIGHTING-AT VARIOUS LOCATIONS IN DISTRICT 4	\$ 2,449	Under Construction
XY1521	-	SIGNING-AT VARIOUS LOCATIONS IN DISTRICTS 6 AND 7	\$ 4,652	Under Construction
XY176A	-	SIGNING-AT VARIOUS LOCATIONS IN DISTRICT 1 AND 2	\$ 3,584	Under Construction
XY1771	-	SIGNING-AT VARIOUS LOCATIONS IN DISTRICTS 3, 4 AND 5	\$ 6,160	Under Construction
Transportation Alternatives Program				
AX8231	-	MISCELLANEOUS-SYNTHESIS OF MARYLAND ARCHEOLOGICAL DATA	\$ 135	FY 2021