

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

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 cost increase of \$38.2 million is due to higher than expected expenditures in FY 2021 and the addition of funding over the FY 2022-2027 six-year program period.

POTENTIAL FUNDING SOURCE:

- SPECIAL FEDERAL GENERAL 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	43,140	21,993	1,934	3,447	1,700	2,000	4,000	5,000	5,000	21,147	0
Engineering	27,666	9,860	2,416	4,656	4,150	1,000	2,000	3,000	3,000	17,806	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	2,761	55	26	0	106	100	500	1,000	1,000	2,706	0
Construction	74,358	20,697	11,725	4,868	2,876	6,537	12,210	13,599	13,571	53,661	0
Total	147,925	52,604	16,101	12,971	8,832	9,637	18,710	22,599	22,571	95,321	0
Federal-Aid	75,129	29,945	15,761	11,017	5,658	6,459	10,758	5,650	5,643	45,184	0
Special	72,796	22,660	340	1,954	3,175	3,178	7,953	16,949	16,928	50,137	0
Other	0	0	0	0	0	0	0	0	0	0	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.

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

- | | |
|---|--|
| <input checked="" type="checkbox"/> Safe, Secure, and Resilient | <input checked="" type="checkbox"/> Quality & Efficiency |
| <input checked="" type="checkbox"/> Maintain & Modernize | <input checked="" type="checkbox"/> Environmental Protection |
| <input type="checkbox"/> Economic Opportunity & Reduce Congestion | <input type="checkbox"/> Fiscal Responsibility |
| <input checked="" type="checkbox"/> Better Transportation Choices & Connections | |

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

- | | |
|--|---|
| <input type="checkbox"/> Project Inside PFA | <input type="checkbox"/> Grandfathered |
| <input type="checkbox"/> Project Outside PFA | <input type="checkbox"/> Exception Will Be Required |
| <input type="checkbox"/> PFA Status Yet to Be Determined | <input type="checkbox"/> Exception Granted |

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 cost increase of \$15.3 million is due to the addition of funding over the FY 2022-2027 six-year program period.

POTENTIAL FUNDING SOURCE:

- SPECIAL FEDERAL GENERAL OTHER

PHASE	TOTAL										BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021	EXPENDED IN 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	
						...2024...	...2025...	...2026...	...2027...		
Planning	3,480	350	48	130	100	300	600	1,000	1,000	3,130	0
Engineering	16,593	2,626	470	2,618	2,149	2,000	2,000	2,600	2,600	13,967	0
Right-of-way	7	7	0	0	0	0	0	0	0	0	0
Utilities	440	132	132	308	0	0	0	0	0	308	0
Construction	35,077	7,387	2,288	2,104	3,748	4,676	4,938	6,118	6,106	27,690	0
Total	55,597	10,502	2,938	5,160	5,997	6,976	7,538	9,718	9,706	45,095	0
Federal-Aid	28,621	4,644	1,837	2,952	3,964	2,469	4,834	4,880	4,877	23,976	0
Special	26,977	5,858	1,101	2,208	2,033	4,507	2,704	4,838	4,829	21,119	0
Other	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - N/A

FEDERAL - N/A

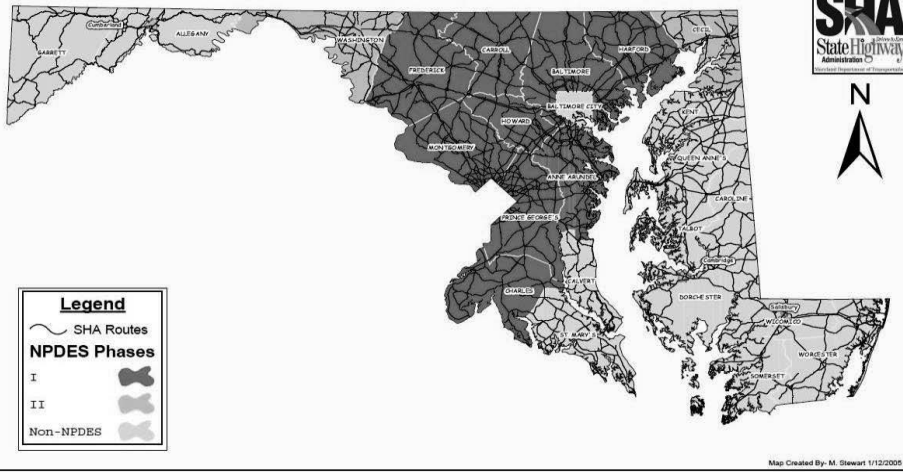
STATE SYSTEM: N/A

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 (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

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

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: The apparent funding allocation increase of \$329.8 million is primarily due to an updated accounting of all the historical expenditures for the TMDL Program dating back to 2011.

POTENTIAL FUNDING SOURCE:

- SPECIAL FEDERAL GENERAL 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	35,729	28,729	312	0	500	500	1,000	2,500	2,500	7,000	0
Engineering	161,248	144,886	246	561	2,301	2,000	2,500	4,500	4,500	16,362	0
Right-of-way	9,123	5,613	17	10	500	500	500	1,000	1,000	3,510	0
Utilities	22	6	6	16	0	0	0	0	0	16	0
Construction	417,529	309,966	31,121	14,606	8,460	11,052	17,177	28,157	28,111	107,563	0
Total	623,650	489,199	31,702	15,193	11,761	14,052	21,177	36,157	36,111	134,451	0
Federal-Aid	192,618	118,047	23,593	11,031	7,261	9,537	14,674	16,039	16,028	74,571	0
Special	431,032	371,152	8,109	4,161	4,500	4,515	6,503	20,118	20,083	59,880	0
Other	0	0	0	0	0	0	0	0	0	0	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 operations 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

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

STATUS: Engineering and Construction underway.

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

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

POTENTIAL FUNDING SOURCE:

- SPECIAL FEDERAL GENERAL 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	3,070	1,051	206	489	357	565	365	243	0	2,019	0
Engineering	4,601	1,464	635	983	487	590	590	487	0	3,137	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utilities	196	46	26	30	30	30	30	30	0	150	0
Construction	42,434	7,726	679	1,300	5,124	8,551	12,206	7,527	0	34,708	0
Total	50,301	10,287	1,546	2,802	5,998	9,736	13,191	8,287	0	40,014	0
Federal-Aid	42,753	4,953	673	2,528	5,700	9,250	12,533	7,789	0	37,800	0
Special	7,547	5,333	872	274	298	486	658	498	0	2,214	0
Other	0	0	0	0	0	0	0	0	0	0	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 ALB and includes the NEPA study for Phase 1 North (I-370 to I-70). Phase 1 South, ALB to I-370, will leverage \$3.5 billion in construction funding, \$145 million in developer rights fees 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, will also leverage a multi-billion dollar private construction investment as well as provide future financial benefits to the State of Maryland. Upon financial close and as part of the upfront payment for Phase 1 South and in consultation with Montgomery County, \$60 million will support the design of one of Montgomery County's transit priorities, which could include the Corridor Cities Transitway or bus rap

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
 Project Outside PFA
 PFA Status Yet to Be Determined

Grandfathered
 Exception Will Be Required
 Exception Granted

STATUS: Project planning and preliminary design for Phase 1 South (American Legion Bridge to I-370) is 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:

SPECIAL FEDERAL GENERAL 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	26,718	26,718	29,282	5,000	0	0	0	0	34,282	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	26,718	26,718	44,282	28,000	0	0	0	0	72,282	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	99,000	26,718	26,718	44,282	28,000	0	0	0	0	72,282	0
Other	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - Principal Arterial

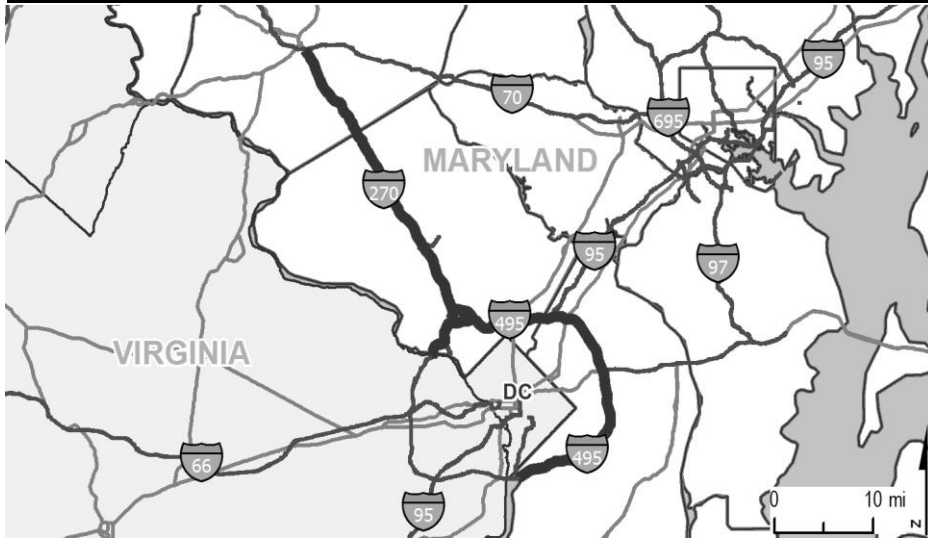
FEDERAL - Interstate

STATE SYSTEM: Primary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A



PROJECT: 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
 Project Outside PFA
 PFA Status Yet to Be Determined

 Grandfathered
 Exception Will Be Required
 Exception Granted

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:

SPECIAL FEDERAL GENERAL OTHER

PHASE	TOTAL					PROJECTED CASH REQUIREMENTS				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU 2021	EXPENDED IN 2021	CURRENT YEAR 2022	BUDGET YEAR 2023	FOR PLANNING PURPOSES ONLY					
						...2024...	...2025...	...2026...	...2027...		
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	12,066	4,536	4,536	5,630	1,900	0	0	0	0	7,530	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	12,066	4,536	4,536	5,630	1,900	0	0	0	0	7,530	0
Federal-Aid	7,579	4,032	4,032	1,837	1,710	0	0	0	0	3,547	0
Special	4,488	505	505	3,793	190	0	0	0	0	3,983	0
Other	0	0	0	0	0	0	0	0	0	0	0

Classification:

STATE - Principal Arterial

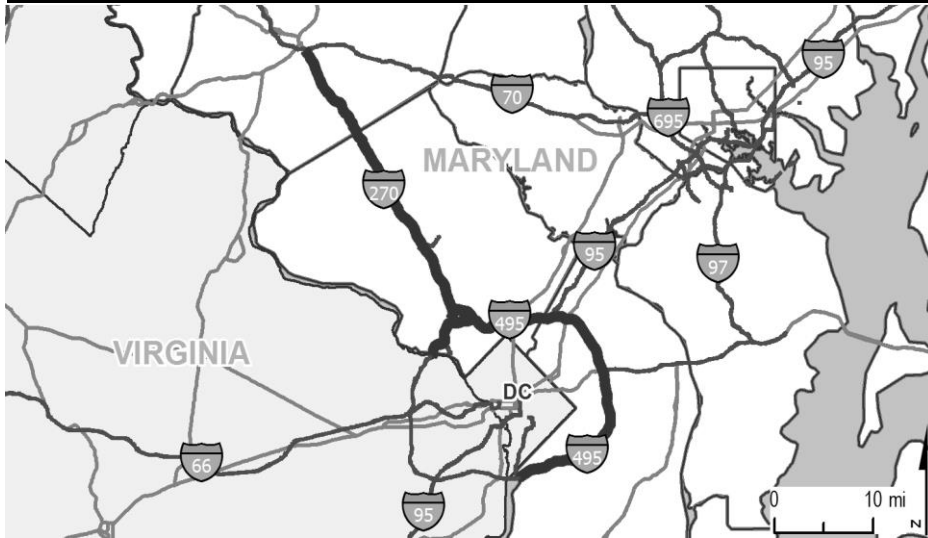
FEDERAL - Interstate

STATE SYSTEM: Primary

Estimated Annual Average Daily Traffic (vehicles per day)

CURRENT (2021) N/A

PROJECTED (2041) N/A



PROJECT: 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
 Project Outside PFA
 PFA Status Yet to Be Determined

 Grandfathered
 Exception Will Be Required
 Exception Granted

STATUS: Project Planning and preliminary design for Phase 1 South (American Legion Bridge to I-370) is underway (Line #5).

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: Project cost reduced by \$12.2 million primarily due to the Full Delivery Stream Restoration being broken out into a separate project and increased analysis required for the Managed Lane Study.

POTENTIAL FUNDING SOURCE:

SPECIAL FEDERAL GENERAL 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	130,257	130,257	28,436	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	130,257	130,257	28,436	0	0	0	0	0	0	0	0
Federal-Aid	9,483	9,483	9,483	0	0	0	0	0	0	0	0
Special	120,774	120,774	18,953	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
- Project Outside PFA
- PFA Status Yet to Be Determined
- Grandfathered
- Exception Will Be Required
- Exception Granted

STATUS: Funding ongoing.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: The increase in the project funding allocation is due to the addition of FY 2027, revised revenue forecasts, and the Administration's intent to extend the current enhanced HUR allocations to local jurisdictions beyond the legislatively mandated sunset in FY 2024.

POTENTIAL FUNDING SOURCE: SPECIAL FEDERAL GENERAL 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	2,188,288	497,416	260,265	266,342	276,501	282,206	284,977	288,592	292,254	1,690,872	0
Total	2,188,288	497,416	260,265	266,342	276,501	282,206	284,977	288,592	292,254	1,690,872	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0	0
Special	2,188,288	497,416	260,265	266,342	276,501	282,206	284,977	288,592	292,254	1,690,872	0
Other	0	0	0	0	0	0	0	0	0	0	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

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 9

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>Bridge Replacement/Rehabilitation</u>				
AZ0221	-	BRIDGE INSPECTION-BRIDGE INSPECTION STATEWIDE	\$ 3,969	Completed
AZ0291	-	BRIDGE INSPECTION-BRIDGE INSPECTION STATEWIDE	\$ 3,921	Completed
XX163U	-	PRESERVATION AND MINOR REHAB OF MOVABLE & FIXED BRIDGES, CULVERTS, & RETAINING WALLS	\$ 13,723	FY 2022
XX163T	-	FIXED BRIDGES, CULVERTS, AND RETAINING WALLS	\$ 16,588	FY 2023
AX4144	-	STATEWIDE BRIDGE INSPECTION	\$ 4,183	Under Construction
AZ0292	-	STATEWIDE BRIDGE INSPECTION	\$ 4,028	Under Construction
XX163P	-	PRESERVATION OF MINOR REHAB OF FIXED BRIDGES, CULVERTS AND RETAINING WALLS	\$ 16,267	Under Construction
XX163R	-	PRESERVATION OF MINOR REHAB OF MOVEABLE AND FIXED BRIDGES, CULVERTS AND WALLS	\$ 15,529	Under Construction
XX163S	-	PRESERVATION AND MINOR REHAB OF FIXED BRIDGES, CULVERTS, AND RETAINING WALLS	\$ 16,097	Under Construction
<u>C.H.A.R.T. Projects</u>				
AT6204	-	MISCELLANEOUS-STATEWIDE CHART DMS DEPLOYMENT - PHASE 5	\$ 5,797	Under Construction
AT6205	-	MISCELLANEOUS-STATEWIDE CHART DMS DEPLOYMENT - PHASE 6	\$ 5,688	Under Construction
AX1225	-	SOC FLOOR RECONFIGURATION - CHART (CONSTRUCTION)	\$ 5,861	Under Construction
AZ0401	-	US 1 IN HOWARD, ANNE ARUNDEL, AND BALTIMORE COUNTIES	\$ 7,360	Under Construction
<u>Environmental Preservation</u>				
AZ0715	-	AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 553	FY 2022
AT0442	-	LANDSCAPE-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 1,963	Under Construction
AX4472	-	LANDSCAPE-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 403	Under Construction
<u>Noise Barriers</u>				
XX6701	-	NOISE ABATEMENT-NOISE BARRIER PRESERVATION AND REMEDIATION AT VARIOUS LOCATIONS	\$ 3,316	Under Construction
<u>Resurface/Rehabilitate</u>				
XX1532	-	PATCHING-AT VARIOUS LOCATIONS IN KENT & QUEEN ANNE'S COUNTY	\$ 686	Completed
XX1533	-	PATCHING-AT VARIOUS LOCATIONS IN CAROLINE AND TALBOT COUNTY	\$ 728	Completed
XX1536	-	AT VARIOUS LOCATIONS IN KENT AND QUEEN ANNE'S COUNTY	\$ 1,132	Completed
XX1568	-	JOINT SEALING-AT VARIOUS LOCATIONS IN DISTRICT 6	\$ 1,139	Completed
XX5365	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 2,086	Completed
XY1221	-	SAFETY AND RESURFACE-VARIOUS SERVICE ROADS IN MONTGOMERY AND PRINCE GEORGE'S COUNTY	\$ 3,528	Completed

MINOR PROJECTS PROGRAM
(Dollars in Thousands)

STATE HIGHWAY ADMINISTRATION - Statewide - LINE 9

PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Resurface/Rehabilitate				
XY2449	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S, AND TALBOT COUNTY	\$ 1,873	Completed
XY2471	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO AND WORCESTER COUNTIES	\$ 1,037	Completed
XY2502	-	PAVEMENT MARKING-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 1,953	Completed
XY252A	-	RESURFACE-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 2,322	Completed
XY258A	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 3,447	Completed
XY2595	-	SIDEWALKS-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 2,204	Completed
XY3412	-	JOINT SEALING- AT VARIOUS LOCATIONS IN CAROLINE,KENT,QUEEN ANNE'S AND TALBOT COUNTY	\$ 164	Completed
XY3472	-	GUARD RAIL- AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 1,498	Completed
XX112A	-	VARIOUS INTERSTATES IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 5,499	FY 2022
XX1535	-	AT VARIOUS LOCATIONS IN CAROLINE AND TALBOT COUNTY	\$ 1,930	FY 2022
XX1771	-	AT VARIOUS LOCATIONS - STATEWIDE	\$ 6,248	FY 2022
XX1781	-	AT VARIOUS LOCATIONS - STATEWIDE	\$ 9,293	FY 2022
XX2323	-	VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO, AND WORCESTER COUNTIES	\$ 675	FY 2022
XX3864	-	AT VARIOUS LOCATIONS IN BALTIMORE AND HARFORD COUNTIES ON NHS	\$ 13,020	FY 2022
XY229G	-	AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTY	\$ 2,618	FY 2022
XY233M	-	AT VARIOUS LOCATIONS IN CARROLL, FREDERICK, AND HOWARD COUNTIES	\$ 3,040	FY 2022
XY237G	-	AT VARIOUS LOCATIONS IN CARROLL, FREDERICK, AND HOWARD COUNTIES	\$ 3,540	FY 2022
XY244J	-	AT VARIOUS LOCATIONS IN CALVERT, CHARLES, AND ST. MARY'S COUNTIES	\$ 726	FY 2022
XY245K	-	VARIOUS LOCATIONS IN ALLEGANY, GARRETT AND WASHINGTON COUNTIES	\$ 2,840	FY 2022
XY3419	-	AT VARIOUS LOCATIONS IN CECIL, KENT, QUEEN ANNE'S, CAROLINE, AND TALBOT COUNTIES	\$ 1,835	FY 2022
XY7011	-	AT VARIOUS LOCATIONS IN ALLEGANY COUNTY	\$ 5,859	FY 2022
XY237F	-	AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTY	\$ 2,123	FY 2023
XX1713	-	ASPHALT PATCHING/BRIDGE APPROACHES IN CALVERT, CHARLES, AND ST. MARY'S COUNTY	\$ 1,222	Under Construction

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PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Resurface/Rehabilitate				
XX1795	-	MICRO-SURFACING AT VARIOUS LOCATIONS IN AA, CA, CH, AND SM COUNTIES	\$ 2,611	Under Construction
XX2261	-	SURFACE TREATMENT-AT VARIOUS LOCATIONS IN CALVERT, CHARLES AND SAINT MARY'S COUNTY	\$ 2,438	Under Construction
XX2262	-	AREAWIDE CHIP SEAL AND FOG SEAL IN CALVERT, CHARLES AND ST. MARY'S COUNTIES	\$ 735	Under Construction
XX2331	-	VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO, AND WORCESTER COUNTIES	\$ 1,114	Under Construction
XX2522	-	AT VAR LOCATIONS IN CE, KE, QA, CO, AND TA COUNTIES	\$ 2,322	Under Construction
XX3347	-	AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 2,295	Under Construction
XX3861	-	AREAWIDE PATCHING AND RESURFACING IN BALTIMORE AND HARFORD COUNTIES	\$ 11,839	Under Construction
XX412J	-	ASPHALT PATCHING/BRIDGE APPROCHES AT VARIOUS LOCATIONS IN ANNE ARUNDEL COUNTY	\$ 947	Under Construction
XY229B	-	AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 5,062	Under Construction
XY2339	-	SIDEWALKS-AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 1,248	Under Construction
XY233C	-	AT VARIOUS LOCATIONS IN CAROLINE, CECEIL, KENT AND QUEEN ANNES'S COUNTY	\$ 1,381	Under Construction
XY233E	-	AREAWIDE SIDEWALK UPGRADES IN DISTRICT 7	\$ 3,003	Under Construction
XY2373	-	GUARD RAIL-AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 2,472	Under Construction
XY237B	-	W-BEAM UPGRADES AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 2,128	Under Construction
XY2418	-	AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 610	Under Construction
XY241G	-	AT VARIOUS LOCATIONS IN ANNE ARUNDEL,CALVERT,CHARLES AND ST. MARY'S COUNTY	\$ 1,059	Under Construction
XY2428	-	VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO, AND WORCESTER COUNTIES	\$ 1,547	Under Construction
XY242C	-	SIDEWALK, CONCRETE AND ADA COMPLIANCE IN ANNE ARUNDEL, CALVERT, AND CHARLES COUNTIES	\$ 1,214	Under Construction
XY243B	-	TRAFFIC BARRIER UPGRADES AT VARIOUS LOCATIONS IN AA, CA, CH, AND SM COUNTIES	\$ 1,722	Under Construction
XY244D	-	AT VARIOUS LOCATIONS IN BALTIMORE AND HARFORD COUNTY	\$ 569	Under Construction
XY244E	-	CHIP SEAL IN CAROLINE, CECIL, KENT, QUEEN ANNE'S AND TALBOT COUNTY	\$ 1,163	Under Construction
XY245B	-	GUARD RAIL-AT VARIOUS LOCATIONS IN DISTRICT 6	\$ 3,839	Under Construction
XY245D	-	AREAWIDE TRAFFIC BARRIER UPGRADES AT VARIOUS LOC IN BALTIMORE	\$ 4,141	Under Construction

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<u>Resurface/Rehabilitate</u>				
XY2463	-	SIDEWALKS-AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 2,937	Under Construction
XY246A	-	AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 4,629	Under Construction
XY2479	-	TRAFFIC BARRIER UPGRADES AT VAR LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S	\$ 1,288	Under Construction
XY247B	-	VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO AND WORCESTER COUNTIES	\$ 963	Under Construction
XY2507	-	PAVEMENT MARKING-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 3,989	Under Construction
XY2508	-	PAVEMENT MARKINGS CORRIDOR LINE STRIPING, ALLEGANY AND GARRETT COUNTIES	\$ 3,725	Under Construction
XY2509	-	AT VARIOUS LOCATIONS IN CE, KE, QA, CO, AND TA COUNTIES	\$ 864	Under Construction
XY250A	-	THERMOPLASTIC THINLINE STRIPING IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 1,903	Under Construction
XY250B	-	THERMOPLASTIC THINLINE STRIPING IN BALTIMORE AND HARFORD COUNTIES	\$ 2,298	Under Construction
XY250C	-	AT VARIOUS LOCATIONS IN ANNE ARUNDEL, CALVERT, CHARLES	\$ 1,767	Under Construction
XY251C	-	AT VARIOUS LOCATIONS IN BALTIMORE AND HARFORD COUNTIES	\$ 1,164	Under Construction
XY251E	-	ROADWAY LINE STRIPING IN CARROLL, FREDERICK, AND HOWARD COUNTIES	\$ 2,659	Under Construction
XY252H	-	UTBWC AT VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S	\$ 2,670	Under Construction
XY2543	-	LINE STRIPING AT VARIOUS LOCATIONS IN MONTGOMERY AND PRINCE GEORGE'S COUNTIES	\$ 1,614	Under Construction
XY2545	-	WATERBORNE PAINT STRIPING AT VARIOUS LOCATIONS; AA, CA, CH, AND SM COUNTIES	\$ 719	Under Construction
XY258H	-	MICRO-SURFACING AND FOG SEAL VARIOUS LOCATIONS IN CAROLINE, CECIL, KENT, QUEEN ANNE'S	\$ 2,366	Under Construction
XY7122	-	AT VARIOUS LOCATIONS WEST OF US 1 IN HARFORD COUNTY	\$ 7,428	Under Construction
XY8081	-	AT VARIOUS LOCATIONS IN CHARLES COUNTY	\$ 7,486	Under Construction
XY8181	-	AT VARIOUS LOCATIONS IN ST. MARY'S COUNTY	\$ 6,564	Under Construction
<u>Safety/Spot Improvement</u>				
XX1338	-	AT VARIOUS LOCATIONS IN DORCHESTER, SOMERSET, WICOMICO AND WORCESTER COUNTY	\$ 244	Completed
XX1671	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN PRINCE GEORGE'S AND MONTGOMERY COUNTIES	\$ 4,495	Completed
XX1673	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 7	\$ 4,571	Completed
XX1675	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 7,154	Completed
XX2301	-	RPM-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 443	Completed

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PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Safety/Spot Improvement				
XY2534	-	GUARD RAIL-AREAWIDE TRAFFIC BARRIER UPGRADES IN DISTRICT 4	\$ 3,032	Completed
AW4652	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 2	\$ 3,875	Under Construction
AX7662	-	DRAINAGE IMPROVEMENT-SWM AT VARIOUS LOCATIONS IN DISTRICT 7 - GROUP 1	\$ 7,605	Under Construction
XX1334	-	AREAWIDE SAFETY AND OPERATIONS IMPROVEMENTS FOR LOCATIONS IN BALTIMORE AND HARFORD COUNTIES	\$ 7,891	Under Construction
XX1674	-	DRAINAGE IMPROVEMENT-AT VARIOUS LOCATIONS IN DISTRICT 1	\$ 4,580	Under Construction
XX228C	-	RPM'S AT VARIOUS LOCATIONS IN AA, CAL, CH,	\$ 1,264	Under Construction
XX228D	-	AT VARIOUS LOCATIONS IN ALLEGANY, GARRETT AND WASHINGTON COUNTY	\$ 906	Under Construction
XX228E	-	INSTALL RAISED PAVEMENT MARKERS AT VAR LOCATIONS IN CAR, FRED AND HOW COUNTIES	\$ 1,379	Under Construction
XX2293	-	GEOMETRIC IMPROVEMENTS-AT VARIOUS LOCATIONS IN PRINCE GEORGE'S AND MONTGOMERY COUNTY	\$ 6,422	Under Construction
XX2342	-	AT VARIOUS LOCATIONS IN CECIL, KENT, QUEEN ANNE'S, TALBOT, AND CAROLINE COUNTIES	\$ 1,816	Under Construction
XX2345	-	AT VARIOUS LOCATIONS IN ANNE ARUNDEL, CALVERT, CHARLES, AND SAINT MARY'S COUNTIES	\$ 500	Under Construction
XX3674	-	ADA SIDEWALK UPGRADES DISTRICT 4	\$ 3,516	Under Construction
Traffic Management				
XX1411	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 1 AND 2	\$ 5,894	Completed
XX1523	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 7,242	Completed
XX1691	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICTS 6 AND 7	\$ 6,143	Completed
XX1701	-	LIGHTING-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 4,104	Completed
XX1741	-	LIGHTING-AT VARIOUS LOCATIONS IN DISTRICT 4	\$ 2,799	Completed
XY1521	-	SIGNING-AT VARIOUS LOCATIONS IN DISTRICTS 6 AND 7	\$ 5,169	Completed
XY176A	-	SIGNING-AT VARIOUS LOCATIONS IN DISTRICT 1 AND 2	\$ 3,971	Completed
XY1771	-	SIGNING-AT VARIOUS LOCATIONS IN DISTRICTS 3, 4 AND 5	\$ 6,897	Completed
XX1811	-	MOD/INSTALL/RECON OF SIGNING-STATEWIDE	\$ 7,776	FY 2023
XX1422	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICTS 1 & 2	\$ 6,132	Under Construction
XX1423	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 9,570	Under Construction
XX1424	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICT 4	\$ 7,224	Under Construction
XX1426	-	SIGNALIZATION-AT VARIOUS LOCATIONS IN DISTRICTS 6 & 7	\$ 7,147	Under Construction
XX142A	-	SIGNALIZATION-AT VARIOUS LOCATIONS STATEWIDE	\$ 8,632	Under Construction
XX1451	-	LIGHTING - AT VARIOUS LOCATIONS IN DISTRICT 6 & 7	\$ 5,271	Under Construction
XX6602	-	MOD/INSTALL/RECON OF LIGHTING - DO, SO, WI, WO, CO, CE, KE, QA, TA, BA, HA COUNTIES	\$ 2,219	Under Construction
XY1783	-	LIGHTING - AT VARIOUS LOCATIONS IN DISTRICT 3	\$ 4,124	Under Construction
XY1845	-	SIGNALIZATION AND LIGHTING AT VARIOUS LOCATIONS IN DISTRICT 5	\$ 6,472	Under Construction

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PROJECT ID	ROUTE NUMBER	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
Traffic Management				
XY1851	-	MOD/INSTALL/RECON OF SIGNING - DISTRICTS 3, 4 & 5	\$ 8,683	Under Construction
Transportation Alternatives Program				
AX8231	-	MISCELLANEOUS-SYNTHESIS OF MARYLAND ARCHEOLOGICAL DATA	\$ 135	Completed