

MDOTTM
MARYLAND DEPARTMENT
OF TRANSPORTATION

THE SECRETARY'S OFFICE

**THE SECRETARY'S OFFICE
CAPITAL PROGRAM SUMMARY
(\$ MILLIONS)**

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>SIX - YEAR TOTAL</u>
<u>Construction Program</u>							
Major Projects	15.2	8.5	4.6	2.1	2.5	2.6	35.4
System Preservation Minor Projects	32.7	16.6	12.2	8.4	7.7	7.4	85.0
<u>Development & Evaluation Program</u>	6.1	-	-	-	-	-	6.1
SUBTOTAL	54.0	25.1	16.7	10.5	10.1	10.0	126.5
<u>Capital Salaries, Wages & Other Costs</u>	1.4	1.5	1.5	1.5	1.5	1.5	8.9
TOTAL	55.4	26.6	18.2	12.0	11.6	11.5	135.4
Special Funds	39.6	26.4	18.0	11.8	11.4	11.3	118.5
Federal Funds	5.9	0.3	0.2	0.2	0.2	0.2	7.0
Other Funds	9.9	-	-	-	-	-	9.9

* For Minors breakdown, please refer to the System Preservation Minor Projects Program report.



PROJECT: Transportation Alternatives Program

DESCRIPTION: Projects that may be considered include: pedestrian or bicycle facilities; provision of safety and educational activities for pedestrians and bicyclists, acquisition of scenic easements and scenic or historic sites; scenic or historic highway programs; landscaping and other beautification; historic preservation; rehabilitation and operation of historic transportation buildings, structures or facilities - including historic railroad facilities and canals; preservation of abandoned railway corridors - including conversion for use as bicycle or pedestrian trails; archaeological planning and research. Project sponsors are required to provide matching funds.

PURPOSE & NEED SUMMARY STATEMENT: Transportation enhancements are projects that will add community and environmental value to the transportation system. The Moving Ahead for Progress in the 21st Century Act's (MAP-21) Transportation Alternatives Program provides that 2% of the apportioned funds be set aside for the program. This new program now includes eligibility for most projects that used to be funded under the Transportation Enhancement Program, as well as Recreational Trails and Safe Routes to School programs.

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:
None

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: Transportation Alternatives projects will improve connectivity by enhancing pedestrian and bicycle mobility. In addition to environmental improvements such as treatment of roadway runoff, tree planting and preservation of historical

STATUS: Projects approved for funding appear in the State Highway Administration's Safety, Congestion Relief, Highway and Bridge Preservation Program.

PHASE	POTENTIAL FUNDING SOURCE: <input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY					
	(\$000)	CLOSE YEAR	2021	2022	2023	...2024...	...2025...	...2026...	...2027...	TOTAL	
Planning	2,461	2,461	0	0	0	0	0	0	0	0	0
Engineering	14,041	2,081	1,474	1,960	2,000	2,000	2,000	2,000	2,000	11,960	0
Right-of-way	260	260	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	103,820	27,976	10,728	12,386	12,594	12,657	12,847	12,689	12,671	75,844	0
Total	120,583	32,779	12,202	14,346	14,594	14,657	14,847	14,689	14,671	87,804	0
Federal-Aid	92,893	24,431	9,422	11,347	11,399	11,414	11,462	11,422	11,418	68,462	0
Special	27,690	8,348	2,780	2,999	3,195	3,243	3,385	3,267	3,253	19,342	0
Other										0	

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: Added funding in FY27.



PROJECT: Transportation Emission Reduction Program

DESCRIPTION: The object of the program is the reduction of traffic congestion and/or mobile source emissions. This program will incorporate and expand proven strategies to reduce emissions in Maryland's air quality non-attainment areas.

PURPOSE & NEED SUMMARY STATEMENT: The Federal Clean Air Act requires transportation programs to remain in step with State air quality plans. Fifteen counties are in air quality non-attainment or maintenance status. Worsening traffic congestion in the Baltimore/Washington metropolitan area negatively impacts the quality of life for Maryland citizens. This program will help address these issues by implementing projects that will achieve measurable reductions in mobile source emissions. These reductions are important to the annual air quality conformity analysis for the Department's transportation plans and programs and to help reduce Greenhouse Gas emissions.

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:
None

STATUS: Ongoing

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: Added funding in FY27.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY					
	(\$000)	CLOSE YEAR	2021	2022	2023	...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
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	68,681	52,505	2,097	3,939	2,294	2,822	2,096	2,462	2,563	16,176	0
Total	68,681	52,505	2,097	3,939	2,294	2,822	2,096	2,462	2,563	16,176	0
Federal-Aid										0	
Special	68,681	52,505	2,097	3,939	2,295	2,822	2,096	2,462	2,563	16,176	0
Other										0	

Fund Program # 00436



PROJECT: Kim Lamphier Bikeways Network Program

DESCRIPTION: Program funds are made available to local jurisdictions and other eligible entities for projects that address improve bicycle network access and safety and advance the goals outlined in the 2040 Maryland Bicycle and Pedestrian Master Plan (2019 Update)

PURPOSE & NEED SUMMARY STATEMENT: The program helps implement MDOT's Bicycle and Pedestrian Master Plan and Strategic Trails Plan by filling priority missing links in the statewide bicycling network, connecting and extending on-road and off-road bicycle facilities and improving connections to transit, work, schools, shopping and other destinations. By creating a more integrated and safe network of bicycle facilities, the program also helps advance the Maryland Transportation Plan's goals of economic development and environmental stewardship, while strengthening the health and quality of life for local communities.

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

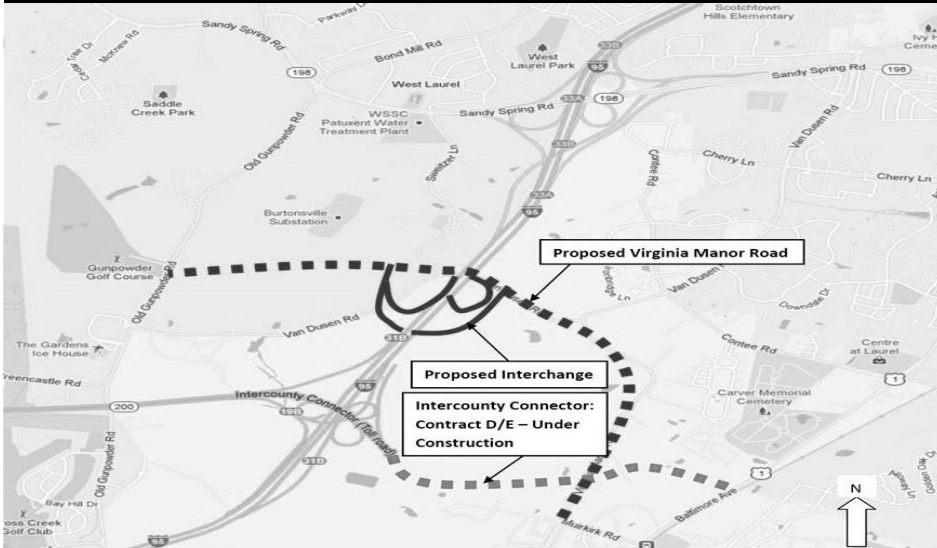
ASSOCIATED IMPROVEMENTS:
 Sidewalk Program (SHA Line SW- 2), Transportation Alternatives Program (TSO Line - 1)

STATUS: A total of 122 Bikeways projects have been in completed in 11 grant cycles. There are currently 36 active Bikeways projects with additional project awards anticipated for the FY22 grant cycle. Additional projects will be solicited through the annual grant cycles

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: None.

POTENTIAL FUNDING SOURCE:											
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER											
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY					
	(\$000)	CLOSE YEAR	2021	2022	2023	...2024...	...2025...	...2026...	...2027...	TOTAL	
Planning	1,469	818	814	375	276	0	0	0	0	651	0
Engineering	965	0	0	623	342	0	0	0	0	965	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	24,487	16,869	2,018	2,582	3,296	1,740	0	0	0	7,618	0
Total	26,921	17,687	2,832	3,580	3,914	1,740	0	0	0	9,234	0
Federal-Aid	1,295	1,295	0	0	0	0	0	0	0	0	0
Special	25,626	16,392	2,832	3,580	3,914	1,740	0	0	0	9,234	0
Other										0	

Fund Program # 00434



PROJECT: Virginia Manor Road Relocated (Konterra Drive), Old Gunpowder Road to Ritz Road

DESCRIPTION: A Secretary's grant to Prince George's County for construction/reconstruction of Virginia Manor Road Relocated between the Intercounty Connector and Old Gunpowder Road (Approximately 3.2 miles). Connections will be made to both the Intercounty Connector and the new I-95/Contee Road Interchange. Bicycle and Pedestrian access will be provided.

PURPOSE & NEED SUMMARY STATEMENT: This project will enable Prince George's County to construct a critical roadway connection to the Intercounty Connector and I-95/Contee Road Interchange. This will enhance the supporting roadway network east and west of I-95 in the area that is planned for significant growth and development.

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:
 MD 200, InterCounty Connector (MdTA Line - 31)

STATUS: Construction of Virginia Manor Road (Konterra Drive) is open to traffic with ongoing improvements on the local road network. The \$10.8M in remaining grant funding is available for other projects to be determined in the Konterra Development Area.

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 new interchange at I-95 and Contee Road Relocated and Virginia Manor Road Relocated will facilitate enhanced access and improved circulation to an area that is planned for growth and economic development.

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP:
 None

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO
	ESTIMATED COST	EXPENDED THRU				FOR PLANNING PURPOSES ONLY					
	(\$000)	CLOSE YEAR	2021	2022	2023	...2024...	...2025...	...2026...	...2027...	TOTAL	
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	3,000	3,000	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0	0
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	27,000	16,001	0	0	0	0	0	0	0	0	10,999
Total	30,000	19,001	0	0	0	0	0	0	0	0	10,999
Federal-Aid											0
Special	30,000	19,001	0	0	0	0	0	0	0	0	10,999
Other											0



PROJECT: MDOT AdPICS Refactoring Project

DESCRIPTION: The project will modernize AdPICS for MDOT into a modern programming language and database, migrate the applications from the current legacy mainframe hardware into Amazon Web Services (AWS) or hosted in the MDOT server environment, and implement modern enhancements to the user experience.

PURPOSE & NEED SUMMARY STATEMENT: Modernizing AdPICS will enhance the user experience, improve system and process functionality, lessen the number of application on the mainframe and allow for future integration with eMMA.

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:
None

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

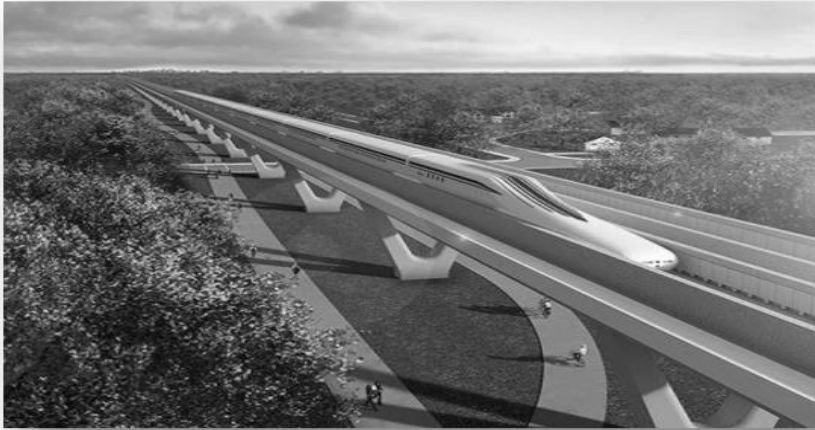
- Safe, Secure, and Resilient
- Maintain & Modernize
- Economic Opportunity & Reduce Congestion
- Better Transportation Choices & Connections
- Quality & Efficiency
- Environmental Protection
- Fiscal Responsibility

EXPLANATION: This project will enhance the user experience and efficiency of AdPICS.

STATUS: The EPICS Project is progressing and is 50% complete. User Interface and User Experience requirements have started and expected go-live is May 2022

POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER													
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO		
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY						TOTAL	COMPLETE
						2021	2022	2023	...2024...				
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		
Utility	0	0	0	0	0	0	0	0	0	0	0		
Construction	15,581	5,608	4,176	7,661	2,312	0	0	0	0	9,973	0		
Total	15,581	5,608	4,176	7,661	2,312	0	0	0	0	9,973	0		
Federal-Aid										0			
Special	15,581	5,608	4,176	7,661	2,312	0	0	0	0	9,973	0		
Other										0			

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: The project cost is up \$400k from last year's Final CTP because of infrastructure needs to support the project.



PROJECT: Baltimore-Washington Superconducting Maglev (SCMAGLEV) Project

DESCRIPTION: Baltimore-Washington Rapid Rail (BWRR), a private company based in Maryland, is proposing to construct an SCMAGLEV train system between Baltimore, Maryland and Washington, DC with an intermediate stop at BWI Marshal Airport. An Environmental Impact Statement (EIS) is being prepared to evaluate the potential impacts of the construction and operation of such a system. This phase of the project is being funded by a grant from the Federal Railroad Administration with matching funds provided by BWRR.

PURPOSE & NEED SUMMARY STATEMENT: Over the next 30 years, population in the Baltimore-Washington region is expected to grow by 30 percent, significantly increasing demand on roadways and railways between the two cities. The purpose of BWRR's proposed action is to increase capacity, reduce travel time, and improve both reliability and mobility options between Baltimore and Washington, with possible future extensions to New York City.

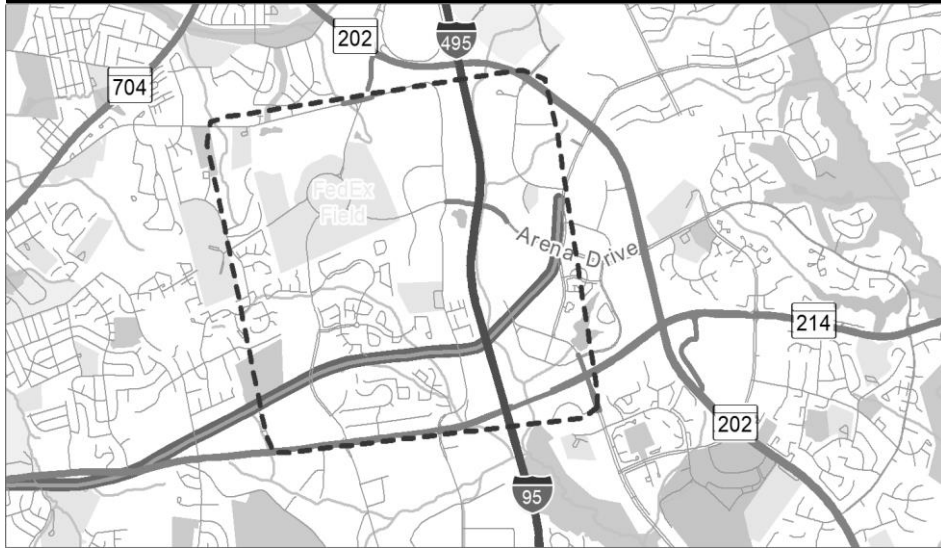
SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet to Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:
None

STATUS: Planning activities are underway.

POTENTIAL FUNDING SOURCE:											
	<input type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input checked="" type="checkbox"/> OTHER										
PHASE	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR TOTAL	BALANCE TO COMPLETE
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY					
			2021	2022	2023	...2024...	...2025...	...2026...	...2027...		
Planning	34,749	28,657	1,505	6,092	0	0	0	0	0	6,092	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
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Total	34,749	28,657	1,505	6,092	0	0	0	0	0	6,092	0
Federal-Aid	27,800	22,926	1,204	4,874	0	0	0	0	0	4,874	0
Special										0	
Other	6,949	5,731	301	1,218	0	0	0	0	0	1,218	0

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP:
None



PROJECT: Transportation Infrastructure Along the Blue Line Corridor

DESCRIPTION: A Secretary's grant to Prince George's County to support transportation infrastructure projects along the Blue Line Corridor including Morgan Boulevard Urban Street Grid, Arena Drive Complete Streets, and FedEx Field Micromobility.

PURPOSE & NEED SUMMARY STATEMENT: This grant will enable Prince George's County to construct infrastructure improvements to create an interconnected, multi-modal network along the corridor to ensure the safe and accessible movement of motorists, freight carriers, transit users, bicyclists, and pedestrians.

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
- Quality & Efficiency
- Maintain & Modernize
- Environmental Protection
- Economic Opportunity & Reduce Congestion
- Fiscal Responsibility
- Better Transportation Choices & Connections

EXPLANATION: The infrastructure improvements along the corridor will facilitate and improve mobility and access of pedestrians and cyclists along the corridor.

STATUS: Construction is estimated to begin in FY 2022.

PHASE	POTENTIAL FUNDING SOURCE: <input type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
	TOTAL		PREVIOUS YEAR	CURRENT YEAR	BUDGET YEAR	PLANNING				SIX YEAR	BALANCE TO
	ESTIMATED COST (\$000)	EXPENDED THRU CLOSE YEAR				FOR PLANNING PURPOSES ONLY					
			2021	2022	2023	...2024...	...2025...	...2026...	...2027...	TOTAL	
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
Utility	0	0	0	0	0	0	0	0	0	0	0
Construction	8,700	0	0	8,700	0	0	0	0	0	8,700	0
Total	8,700	0	0	8,700	0	0	0	0	0	8,700	0
Federal-Aid										0	
Special										0	
Other	8,700	0	0	8,700	0	0	0	0	0	8,700	0

SIGNIFICANT CHANGE FROM FY 2021 - 26 CTP: Added to the Construction Program.

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

THE SECRETARY'S OFFICE - LINE 8

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>Airport Citizens Committee Grant Program</u>			
TSO0078	Airport Citizens Committee	\$ 6,769	Ongoing
<u>CMAPS Preservation</u>			
TSO0211	Capital Management and Programming System (CMAPS)	\$ 6,535	Underway
<u>Environmental Service Funds</u>			
TSO0126	Environmental Compliance Oversight	\$ 4,598	Underway
TSO0237	USACE Feasibility Study	\$ 1,513	Underway
TSOPRJ000241	Resource to Expedite Project Reviews at USEPA	\$ 248	Underway
TSOPRJ000260	Support for Stream Gauge Monitoring by USGS	\$ 555	Ongoing
TSOPRJ000281	Master Solar Contract - Outside Counsel Support	\$ 5	FY 2022
<u>Grants</u>			
TSO0223	UMBC MOU - Electronic Vehicle Education Program	\$ 126	Underway
<u>Homeland Security & Rail Safety</u>			
TSO0032	Rail Safety Oversight	\$ 4,944	Ongoing
<u>Major Projects</u>			
TSO0066	Transportation Related Air Pollution Projects (TRAPP)	\$ 24,912	Ongoing
TSO0206	Port of Baltimore Incentive Pilot Program	\$ 6,573	Underway
TSO0218	OPCP 17 - Consultant Contract	\$ 22,362	Ongoing
TSO0219	Rosedale Grade Crossing Improvement Grant	\$ 777	FY 2022
TSO0233	Innovative Stormwater Pond Management Pilot Program	\$ 3,155	Underway
TSOPRJ000262	Oyster Reseeding-TSO	\$ 2,000	Completed
<u>MBE Disparity Studies</u>			
TSO0234	2021 MBE Disparity Study	\$ 3,050	FY 2022

SYSTEM PRESERVATION MINOR PROJECTS PROGRAM
(Dollars in Thousands)

THE SECRETARY'S OFFICE - LINE 8

PROJECT ID	PROJECT NAME	TOTAL PROGRAMMED COST	STATUS
<u>MDOT HQ Building Preservation</u>			
TSO008106	Parking & Stormwater Remediation	\$ 944	Underway
TSO008110	Building Pressure Washing and Resealing	\$ 324	FY 2022
TSOPRJ000261	TSO Interior LED Lighting	\$ 175	FY 2022
<u>MDOT IT Enhancement Program</u>			
TSO0216	DoIT Oversight Costs on MDOT Projects	\$ 5,149	Ongoing
TSO121325	HR Learning Management Tool	\$ 1,269	Underway
TSO121326	Salesforce Implementation	\$ 1,475	Underway
TSO121335	CCM - Multiple TBUs	\$ 499	Underway
TSOPRJ000276	EZMax Mobile Implementation Project	\$ 1,200	FY 2022
TSOPRJ000278	IT Apprenticeship Program	\$ 700	FY 2022
TSOPRJ000279	O365 to Google Workspace Study and Roadmap	\$ 75	FY 2022
<u>MDOT IT Preservation Program</u>			
TSO0020	Network Hardware/Software Replacement Costs	\$ 66,888	Ongoing
TSO0203	Fiber Optic Installations	\$ 1,231	Underway
<u>Planning Services & Studies</u>			
TSO0060	Commuter Choice Outreach	\$ 593	Underway
TSO0229	Department Asset Management Program	\$ 775	Ongoing
TSOPRJ000282	OPCP - 23 Transportation Planning Services Contract	\$ 25,000	FY 2023
TSOPRJ000283	Electric Vehicle Readiness Program	\$ 2,500	FY 2022
<u>Secretary Grants</u>			
TSO0148	UMD - NCSG Agreement	\$ 2,703	Underway
TSO0154	MD Department of Planning Grant	\$ 3,532	Ongoing
TSO0228	Keep Maryland Beautiful Grant	\$ 250	Underway
TSO0238	Snow Hill Line Rehabilitation Grant	\$ 2,000	Underway
TSO0239	BMC Grant - Technical Assistance on Central Maryland Regional Transit Plan	\$ 300	Underway