

MAJOR PROJECT SIGNIFICANT CHANGES FROM THE FY 2022-2027 CTP

Significant project changes consist of additions to, or deletions from, the Construction Program or the Development and Evaluation Program; and changes in the construction year.

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST</u> <u>(\$ MILLIONS)</u>
<u>New Construction Program Projects</u>	
Maryland Aviation Administration	
Taxilanes N and N1 Reconstruction at BWI Marshall Airport	28.3
Air Operations Area Fence Upgrade at BWI Marshall Airport	11.3
DX/DY Apron Pavement Rehab at BWI Marshall Airport	11.0
Amtrak Catenary Obstruction Removal at Martin State Airport	11.3
Deicing Pad Expansion at BWI Marshall Airport	29.0
15L/33R & Associated Taxiways - Pavement Rehabilitation at BWI Marshall Airport	15.0
Taxiway F Extension at Martin State Airport	14.6
Concourse A/B Bag Claim 0-5 Reconfiguration at BWI Marshall Airport	27.9
Electrical Substations Reconstruction at BWI Marshall Airport	28.1
Snow Equipment Replacement at BWI Marshall and Martin State Airports	24.0
Maryland Port Administration	
Dundalk Marine Terminal Resiliency and Flood Mitigation	42.2
Port of Baltimore Rail Capacity Modernization Project	22.4
Cox Creek STAR Facility - Remediation	75.0
Maryland Transit Administration	
Fast Forward	49.6

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST (\$ MILLIONS)</u>
Major IT Infrastructure Improvements	39.0
Metro Tunnel Repairs and Improvements	41.2
Metro and Light Rail Maintenance of Way	182.3
Maryland Transportation Authority	
I-95 John F. Kennedy Memorial Highway - Structural Rehabilitation of the Millard E. Tydings Memorial Bridge	11.0
I-895 Baltimore Harbor Tunnel Thruway - Resurfacing North and South of the Baltimore Harbor Tunnel	13.0
I-95 John F. Kennedy Memorial Highway - I-95 Southbound Hard Shoulder Running	35.0
State Highway Administration	
MD 91, Emory Road - Bridge replacements over N. Branch of Patapsco River and Maryland Midland RR	12.3
MD 17, Burkittsville Middletown Road - Bridge replacement over Middle Creek	5.1
MD 77, Rocky Ridge Road - Bridge replacement over Beaver Creek	7.1
MD 42, Friendsville Road - Bridge replacement over Buffalo Run	4.8
MD 5, Point Lookout Road - Bridge replacement over Hilton Run	5.6
I-68, National Freeway - Bridge replacement over Creek Road	21.9
TSMO System 1 - Geometric and ITS improvements to I-70, US 29, and US 40	76.7
I-97 - TSMO - Geometric and ITS improvements from US 50 to MD 32	49.4
I-68 Cumberland Viaduct - Bridge deck replacement and bridge rehabilitation	51.0
MD 6, Charles Street - Safety and accessibility improvements between US 301 and Willow Lane	11.4
MD 413 Trail - New trail construction from Marion Station to Westover	21.3
US 220, McMullen Highway - Geometric improvements along US 220, MD 53 and MD 636 in Cresaptown	10.8

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST (\$ MILLIONS)</u>
MD 717, Water Street - Bridge replacement over Western Branch	12.2
I-95/I-495, Capital Beltway - Bridge replacement over MD 4	38.2
MD 100 - Safety and Resurfacing Howard County to MD 170	13.2
 <u>Projects Moved From D&E Program to Construction Program</u>	
State Highway Administration	
I-795, Northwest Expressway - New interchange at Dolfield Boulevard	148.9
US 15, Frederick Freeway, and US 40, Frederick Freeway - Widening from I-70 to MD 26	180.8
US 219, Chestnut Ridge Road - Relocation of US 219 from Old Salisbury Rd to PA State line	84.9
MD 24, Rocks Road - Slope repair and resurfacing from 900' south of Sharon Road to 1700' north of Ferncliff Lane	9.0
MD 97, Georgia Avenue - Safety and accessibility improvements from MD 192 to MD 390	57.0
MD 5, Point Lookout Road - Geometric improvements from MD 471 to MD 246	26.8
I-81, Maryland Veterans Memorial Highway	101.2
I-495/I-95 Capital Beltway - Interchange upgrades at Medical Center Dr (formerly Arena Dr)	104.5
MD 32, Sykesville Road - Geometric improvements from 2nd Street to Main Street	7.8
Total	1,773.4

PROJECTS ADDED TO THE D&E PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>JUSTIFICATION</u>	<u>TOTAL FUNDED (\$ MILLIONS)</u>
<u>New D&E Program Projects</u>		
Maryland Transit Administration		
MARC Stations and Service Studies		13.0
Susquehanna River Bridge Replacement		3.0
Penn Station Multimodal Access Investments	This project will improve access to Baltimore Penn Station, which is served by MARC, Amtrak, and Light Rail and will improve bus service to the station with roughly 0.8 mi. of Dedicated Bus Lane 9a fixed guideway), bus stop improvements, pedestrian safety improvements, new and improved bicycle infrastructure, including bike parking.	14.6
Maryland Transportation Authority		
US 50/301 Bay Bridge - Tier 2 NEPA Study		<u>28.0</u>
	Total	58.7

PROJECTS REMOVED FROM THE D&E OR CONSTRUCTION PROGRAMS

PROJECT DESCRIPTION

JUSTIFICATION

Removed from Construction Program

Maryland Port Administration

Hawkins Point Algal Flow Way TMDL

Project has been moved to the minor projects program.

New Additions to the FY23 - FY28 CTP

Additions to the Construction or the Development and Evaluation Program within the Current and Budget Years
(\$ in Thousands)

Projects Added to the Construction Phase

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
Maryland Aviation Administration							
BC Apron Reconstruction, Infill & Taxiway Improvements at BWI Marshall Airport						Reference : MAA A-10	
Airfield Lighting Vault Relocation - Phase 1	2,435	4,012	6,446	5,477	969	-	-
Glycol Dump Relocation	-	424	424	218	206	-	-
Airfield Lighting Vault Demo - Phase 2	-	2,453	2,453	250	2,203	-	-
Regional Aviation Assistance Program						Reference : MAA A-1	
23-002 W50 Rwy Extension-ph 3 & 4	800	-	800	800	-	-	-
23-003 2G4 Pavement Crack Seal	25	-	25	25	-	-	-
23-004 CBE Runway 5/23 Rehab-phase 5b-const	43	-	43	43	-	-	-
23-011 FME SWM mitigation-const	43	-	43	43	-	-	-
23-007 FME Airfield Access Rd - rehab	36	-	36	36	-	-	-
23-009 DMW Road relocation-const	127	-	127	127	-	-	-
23-013 DMW Land Acq	7	-	7	7	-	-	-
23-010 FDK TW A relocation Ph 3-const	275	-	275	275	-	-	-
23-005 2G4 AWOS replacement	10	-	10	10	-	-	-
23-018 W29 Rwy Rehab-const	309	-	309	309	-	-	-
23-008 OXB Rwy 14/32 rehab-const	174	-	174	174	-	-	-
23-006 CGE Wildlife Fence Ph 2-const	321	-	321	321	-	-	-
23-016 ESN AWOS III-P/T	322	-	322	322	-	-	-
23-017 HGR SRE vehicles	105	-	105	105	-	-	-
23-019 2W5 Txwy crack seal	316	-	316	316	-	-	-
23-015 CBE Terminal Bldg Improvements	171	-	171	171	-	-	-
23-014 DMW GA Terminal Hangar Roof Repairs	143	-	143	143	-	-	-
23-012 SBY Land Acq-permit mitigation	28	-	28	28	-	-	-
Taxiway F Relocation at BWI Marshall Airport						Reference : MAA A-8	
Taxiway F Relocation - Phase 2 (incl ALSF)	5	6,250	6,255	5	6,250	-	-
Taxilanes N and N1 Reconstruction at BWI Marshall Airport						Reference : MAA A-12	
Taxilanes N and N1 Reconstruction	7,258	16,934	24,192	7,502	16,690	-	-

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown				
				STA	FED	OTH	TOLL	
Air Operations Area Fence Upgrade at BWI Marshall Airport								Reference : MAA A-13
BWI AOA Fence Upgrade	504	504	1,008	1,008	-	-	-	
DX/DY Apron Pavement Rehab at BWI Marshall Airport								Reference : MAA A-14
DX/DY Apron Pavement Rehab	-	234	234	162	72	-	-	
Amtrak Catenary Obstruction Removal at Martin State Airport								Reference : MAA A-20
MTN Amtrak Obstruction Removal	209	2,105	2,314	943	1,371	-	-	
Taxiway F Extension at Martin State Airport								Reference : MAA A-21
MTN Wilson Point Property Acquisition and Drainage Remediation	233	1,024	1,257	437	820	-	-	
MTN Taxiway F Extension	-	410	410	-	410	-	-	
Concourse A/B Bag Claim 0-5 Reconfiguration at BWI Marshall Airport								Reference : MAA A-17
Concourse A/B Bag Claim 0-5 Reconfiguration	-	4,821	4,821	-	-	4,821	-	
Electrical Substations Reconstruction at BWI Marshall Airport								Reference : MAA A-18
BGE Feeder and Substation Upgrade - Phase 2	2,249	17,200	19,449	19,449	-	-	-	
Electrical Substation ST-AB Replacement	-	5,400	5,400	5,400	-	-	-	
Snow Equipment Replacement at BWI Marshall and Martin State Airports								Reference : MAA A-19
Snow Equipment	-	3,996	3,996	-	-	3,996	-	
<u>Maryland Transportation Authority</u>								
I-95 John F. Kennedy Memorial Highway - Express Toll Lanes (ETL) Northern Extension								Reference : MDTA A-01
MD 24 NB Auxiliary Lane - MD 924 through Singer Road Intersection	-	7,709	7,709	-	-	-	7,709	
<u>Maryland Port Administration</u>								
Innovative Reuse and Beneficial Use of Dredged Material								Reference : MPA A-7
Cox Creek STAR Site Development	1,000	2,000	3,000	3,000	-	-	-	
Masonville Dredged Material Containment Facility Expansion and Related Projects								Reference : MPA A-4
Masonville Shared Use Path (FLAP Grant)	339	339	678	-	678	-	-	
Port of Baltimore Rail Capacity Modernization Project								Reference : MPA A-16
ICTF Rail Modernization Project (CRISI)	-	16,930	16,930	-	11,850	5,080	-	
<u>Maryland Transit Administration</u>								
MARC Maintenance, Layover, & Storage Facilities								Reference : MTA A-1
MARC Riverside Boilers - Dual Burner Conversion	400	-	400	320	80	-	-	
MARC Improvements on Camden and Brunswick Lines								Reference : MTA A-3
MARC - Joint Benefits - Program Management	92	-	92	92	-	-	-	

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
MARC Locomotives - Overhauls and Replacements							Reference : MTA A-5
MARC GP39 Locomotive Overhaul (6 Locomotives)	47	-	47	9	37	-	-
MARC Positive Train Control							Reference : MTA A-6
MARC Positive Train Control	1,233	-	1,233	673	560	-	-
MARC BWI Rail Station Upgrades and Repairs							Reference : MTA A-7
MARC BWI Station Improvements	150	-	150	150	-	-	-
MARC BWI Bus Loop Repairs	603	-	603	203	401	-	-
Freight Rail Program							Reference : MTA A-10
FRT Repairs to Culverts on Chestertown and Centreville Lines	30	-	30	30	-	-	-
FRT 7 Grade Crossings Repairs on Chestertown and Centreville Lines	31	-	31	31	-	-	-
FRT Vegetation Control (Hurlock - Cambridge)	0	350	350	350	-	-	-
FRT Shutdown of Grade Crossings on Inactive Line in Dorchester County	120	-	120	120	-	-	-
Light Rail Vehicle Overhaul							Reference : MTA A-13
LTR - Axle Procurement	1,659	-	1,659	1,659	-	-	-
Metro Railcar and Signal System Overhauls and Replacement							Reference : MTA A-19
MTR Railcar Vehicle Sub-System Overhaul	676	-	676	676	-	-	-
Bus Network Improvements							Reference : MTA A-27
BUS Baltimore Link Transitways	56	-	56	56	-	-	-
Mobility Vehicle Procurement							Reference : MTA A-37
MOL FY 2022 Vehicle Procurement	2,500	1,524	4,024	2,259	1,765	-	-
MOL FY 2023 Vehicle Procurement	-	6,076	6,076	6,076	-	-	-
Locally Operated Transit Systems Capital Procurement Projects (Local Jurisdictions)							Reference : MTA A-45
LOTS City of Annapolis Vehicles and Facilities	2,978	825	3,803	1,716	2,087	-	-
LOTS Cecil County Vehicles and Equipment	540	-	540	60	480	-	-
LOTS Harford County	6,269	-	6,269	85	6,184	-	-
LOTS Queen Anne's County	881	-	881	700	181	-	-
LOTS Allegany County	615	-	615	35	580	-	-
LOTS Anne Arundel County	1,373	-	1,373	655	718	-	-
LOTS Baltimore County	973	-	973	81	892	-	-
LOTS Carroll County	489	17	505	50	456	-	-
LOTS Calvert County	968	190	1,158	91	1,067	-	-
LOTS Charles County	4,455	-	4,455	495	3,960	-	-

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
LOTS Dorchester County	270	142	412	46	367	-	-
LOTS Frederick County	1,084	-	1,084	68	1,016	-	-
LOTS Garrett County	451	-	451	24	427	-	-
LOTS Howard County	6,706	1,414	8,120	3,334	4,786	-	-
LOTS Ocean City	2,428	855	3,282	162	3,121	-	-
LOTS St. Mary's County	346	351	697	59	638	-	-
LOTS Talbot County	27	-	27	3	24	-	-
LOTS Tri-County Council - Lower Eastern Shore	1,871	470	2,341	122	2,219	-	-
LOTS Washington County	361	72	433	48	385	-	-
OLTS Aberdeen MARC Station Connectivity Enhancement Project	100	-	100	100	-	-	-
LOTS Bayrunners	53	-	53	-	53	-	-
Montgomery County Local Bus Program							Reference : MTA A-47
LOTS Montgomery County Fixed Route Bus Replacement	5,200	0	5,200	400	4,800	-	-
Prince George's County Local Bus Program							Reference : MTA A-48
LOTS Prince George's Co. Capital Assistance	7,250	400	7,650	1,300	6,350	-	-
Fare Collection System and Equipment Replacement							Reference : MTA A-38
AGY Fare Systems Next Generation Planning and Implementation	748	498	1,246	748	-	498	-
AGY Fare Collection Point of Sale Terminals	13	-	13	13	-	-	-
AGY Fare Collection Ticket Dispensing Machines	400	-	400	400	-	-	-
AGY Fare Collection Transit Store Automatic Doors	50	-	50	50	-	-	-
Agencywide Elevator and Escalator Rehabilitation							Reference : MTA A-40
MTR Penn North Escalators	393	-	393	393	-	-	-
AGY MDOT-MTA Replacement and Modernization of 40 Elevators	0	3,000	3,000	1,706	1,294	-	-
Metro Station Rehabilitation and Lighting Program							Reference : MTA A-18
MTR Platform Rehabilitation & Snow Melt System	-	4,000	4,000	4,000	-	-	-
MTR Reisterstown Plaza Station ADA Improvements & Stair No. 2 Replacement	10	-	10	10	-	-	-
MTR SCC Booth Replacement	150	1,165	1,315	1,315	-	-	-
MTR Above Ground Station Stairs Rehabilitation	0	2,600	2,600	2,600	-	-	-
Beyond the Bus Stop							Reference : MTA A-26
BUS Beyond the Stop	1,308	100	1,408	433	976	-	-
Zero Emission Bus Infrastructure and Program Management							Reference : MTA A-33
BUS Division Electrification Program Phase I	-	5,114	5,114	1,023	4,091	-	-

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
Zero Emission Bus Pilots							Reference : MTA A-32
BUS Low-No Bus Procurement and Charging Stations	2,122	-	2,122	2,122	-	-	-
BUS Volkswagen Agreement - Electric Buses & Charging Infrastructure	833	-	833	833	-	-	-
BUS Kirk ZEB Pilot Facilities and Utilities Construction	2,081	3,115	5,196	5,196	-	-	-
Bus Facilities Preservation and Improvements							Reference : MTA A-25
BUS Bush Division Boiler Replacement	59	-	59	13	47	-	-
Light Rail Systems Overhauls and Replacements							Reference : MTA A-14
LTR Train Control Signals UPS Upgrade	1,495	572	2,067	2,067	-	-	-
LTR Catenary Surge Protection Device Grounding Replacement	-	2,000	2,000	2,000	-	-	-
LTR North End 5kv Signal Power System Replacement	66	-	66	13	53	-	-
LTR Traction Power Substation Major Rehabilitation	0	15,000	15,000	13,858	1,142	-	-
Light Rail Trackwork Overhauls and Replacement							Reference : MTA A-15
LTR Grade Crossing- Timonium BP	1,396	-	1,396	1,396	-	-	-
Metro Systems Overhauls and Replacements							Reference : MTA A-21
AGY ELECTRICAL SYSTEMS UPGRADES	0	1,000	1,000	1,000	-	-	-
MTR TC&C Room Power Distribution	2,849	-	2,849	2,849	-	-	-
MTR Tunnel Stray Current Monitoring System	-	750	750	750	-	-	-
MTR Cellular Coverage in Metro Tunnels	105	780	885	885	-	-	-
Fast Forward							Reference : MTA A-36
BUS Fast Forward ADA Funding	760	8,700	9,460	9,460	-	-	-
BUS Fast Forward RTIS Funding	632	521	1,152	1,152	-	-	-
AGY Fast Forward Wayfinding	1,582	-	1,582	1,582	-	-	-
Major IT Infrastructure Improvements							Reference : MTA A-39
ITP Infrastructure Refresh	14,129	7,240	21,369	21,369	-	-	-
Metro Tunnel Repairs and Improvements							Reference : MTA A-22
MTR Tunnel and Station Door Repair/Replacement	675	786	1,461	1,460	1	-	-
MTR Dewatering Stations Control & Equipment Replacement	376	-	376	376	-	-	-
MTR Tunnel Cleaning and Preservation Program	-	500	500	500	-	-	-
MTR Tunnel Structural Repairs	233	-	233	233	-	-	-
Metro and Light Rail Maintenance of Way							Reference : MTA A-12
MTR Bridge & Elevated Structures Preservation Fund	471	-	471	471	-	-	-
LTR Light Rail Maintenance of Way Improvements	384	-	384	167	217	-	-

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
State Highway Administration							
MD 24, Rocks Road							Reference : SHA H-1
ROCKS ROAD-REPAIR SLIDE-SECTION G: 700 FT SOUTH OF SHARON ROAD TO 2150 FT SOUTH OF SHARON ROAD	311	1,858	2,169	109	2,060	-	-
The Secretary Office							
Transportation Emission Reduction Program							Reference : TSO A-2
Washington Region Guaranteed Ride Home	173	-	173	173	-	-	-
Kim Lamphier Bikeways Network Program							Reference : TSO A-3
Rapid Enhancement Plan	-	326	326	326	-	-	-
Shared Micromobility Station Improvements	54	-	54	54	-	-	-
2 Position Bike Racks on Paratransit Vehicles	81	-	81	81	-	-	-
College Creek Connector	-	120	120	120	-	-	-
Bike Counter Installation Program	-	98	98	98	-	-	-
Smallwood Drive Path Design	-	158	158	158	-	-	-
MLK Jr Sidepath Final Design	-	121	121	121	-	-	-
Biking Taneytown	-	14	14	14	-	-	-
Rockville Bike Ped Counters	-	42	42	42	-	-	-
Salisbury Bike Ped Counters	-	49	49	49	-	-	-
Naylor Mill Connector	-	100	100	100	-	-	-
ADA Street and Sidewalk Improvements in Baltimore City							Reference : TSO A-8
ADA- Street and Sidewalk Improvements Baltimore City	10,000	-	10,000	-	-	10,000	-

Projects Added to Development and Evaluation							
Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
<u>Maryland Aviation Administration</u>							
BC Apron Reconstruction, Infill & Taxiway Improvements at BWI Marshall Airport							Reference : MAA A-10
BC Alley and Gate C PCC Reconstruction	-	918	918	918	-	-	-
Airfield Lighting Vault Demo - Phase 2	-	300	300	300	-	-	-
DX/DY Apron Pavement Rehab at BWI Marshall Airport							Reference : MAA A-14
DX/DY Apron Pavement Rehab	7	1,135	1,141	1,141	-	-	-
Amtrak Catenary Obstruction Removal at Martin State Airport							Reference : MAA A-20
MTN Amtrak Obstruction Removal	611	660	1,271	812	459	-	-
Taxiway F Extension at Martin State Airport							Reference : MAA A-21
MTN Wilson Point Property Acquisition and Drainage Remediation	175	200	375	375	-	-	-
Concourse A/B Bag Claim 0-5 Reconfiguration at BWI Marshall Airport							Reference : MAA A-17
Concourse A/B Bag Claim 0-5 Reconfiguration	2,770	837	3,607	2,770	-	837	-
Electrical Substations Reconstruction at BWI Marshall Airport							Reference : MAA A-18
BGE Feeder and Substation Upgrade - Phase 2	40	60	100	100	-	-	-
<u>Maryland Transportation Authority</u>							
US 50/301 Bay Bridge - Tier 2 NEPA Study							Reference : MDTA A-29
Tier 2 NEPA Study	5,650	9,550	15,200	-	-	-	15,200
<u>Maryland Port Administration</u>							
Masonville Dredged Material Containment Facility Expansion and Related Projects							Reference : MPA A-4
Masonville Shared Use Path (FLAP Grant)	52	28	80	-	80	-	-
<u>Maryland Transit Administration</u>							
MARC Maintenance, Layover, & Storage Facilities							Reference : MTA A-1
MARC Martin State Airport Improvements	473	-	473	447	24	3	-
MARC Martins Yard Power Switch	39	-	39	16	19	3	-
MARC Locomotives - Overhauls and Replacements							Reference : MTA A-5
MARC MP36PH-3C Locomotive Mid-Life Overhaul (26 Locomotives)	450	-	450	90	360	-	-
MARC Positive Train Control							Reference : MTA A-6
MARC Positive Train Control	265	-	265	193	72	-	-
Homeland Security							Reference : MTA A-11
AGY Homeland Security - 2022	250	1,097	1,347	-	1,347	-	-
Freight Rail Program							Reference : MTA A-10
FRT Worton Track Safety	260	-	260	260	-	-	-

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
FRT Demolition Plans for Inactive Bridges	332	150	482	482	-	-	-
FRT Design for Replacement Bridge at High Bridge Road	100	100	200	200	-	-	-
FRT Bridge Inspections CY 2022 - CY 2023	220	550	770	770	-	-	-
FRT Design for Freight Bridge and Culvert Repairs (CY2021 Inspections)	100	200	300	300	-	-	-
FRT Design for Grade Crossing Repair/Replacement (2021 Inspections)	22	300	322	322	-	-	-
FRT MTA Review of Frederick County and City Trail Plans	50	125	175	175	-	-	-
Light Rail Vehicle Overhaul							Reference : MTA A-13
LTR - Revenue Vehicles - Seat Upgrade Campaign	271	-	271	159	111	-	-
Bus Network Improvements							Reference : MTA A-27
BUS TPI - Garrison	342	-	342	179	163	-	-
BUS TPI - Belair	82	-	82	16	66	-	-
Mobility Vehicle Procurement							Reference : MTA A-37
MOL FY 2023 Vehicle Procurement	56	59	116	116	-	-	-
Locally Operated Transit Systems Capital Procurement Projects (Local Jurisdictions)							Reference : MTA A-45
LOTS Allegany County	122	-	122	-	122	-	-
LOTS Anne Arundel County	197	-	197	-	197	-	-
LOTS Baltimore City	245	-	245	-	245	-	-
OLTS Baltimore City Charm City Circulator Harbor Connector Technical Assistance	275	-	275	275	-	-	-
Fare Collection System and Equipment Replacement							Reference : MTA A-38
AGY Fare Systems Next Generation Planning and Implementation	150	-	150	150	-	-	-
Agencywide Elevator and Escalator Rehabilitation							Reference : MTA A-40
MTR Reisterstown Plaza Elevators	5	-	5	5	-	-	-
Southern Maryland Rapid Transit Study							Reference : MTA A-59
AGY SOUTHERN MARYLAND RAPID TRANSIT STUDY	200	5,250	5,450	2,725	2,725	-	-
Metro Maintenance Facility Improvements							Reference : MTA A-20
MTR Wabash Shop Equipment Upgrades	7	-	7	7	-	-	-
Metro Station Rehabilitation and Lighting Program							Reference : MTA A-18
MTR Platform Rehabilitation & Snow Melt System	2,400	-	2,400	2,400	-	-	-
MTR SCC Booth Replacement	150	15	165	165	-	-	-
MTR Above Ground Station Stairs Rehabilitation	300	-	300	300	-	-	-

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
Beyond the Bus Stop							Reference : MTA A-26
BUS Beyond the Stop	134	-	134	55	79	-	-
Zero Emission Bus Infrastructure and Program Management							Reference : MTA A-33
BUS ZEB Program Management	938	-	938	773	165	-	-
BUS Division Electrification Program Phase I	1,413	600	2,013	2,013	-	-	-
Agency Innovation and Technology Initiatives							Reference : MTA A-50
AGY Innovation Fund	96	20	116	116	-	-	-
LOTS Transit Development Plan (TDP)							Reference : MTA A-56
LOTS TDP	321	-	321	44	277	-	-
Zero Emission Bus Pilots							Reference : MTA A-32
BUS Kirk ZEB Pilot Facilities and Utilities Construction	171	-	171	171	-	-	-
Regional Transit Plan Corridor Studies							Reference : MTA A-51
AGY RTP Corridor Program Management and Development	324	176	500	500	-	-	-
Central MD Regional Coordination Studies							Reference : MTA A-52
AGY Rail Ridership and Accessibility Planning	125	-	125	125	-	-	-
Bus Facilities Preservation and Improvements							Reference : MTA A-25
BUS Washington Blvd Bldgs 1-8 Windows	200	140	340	340	-	-	-
Light Rail Systems Overhauls and Replacements							Reference : MTA A-14
LTR Train Control Signals UPS Upgrade	6	-	6	6	-	-	-
LTR Catenary Surge Protection Device Grounding Replacement	30	-	30	30	-	-	-
LTR Rail and Switch Heater System Replacement	576	-	576	576	-	-	-
LTR Catenary System Rehabilitation	640	-	640	640	-	-	-
Light Rail Trackwork Overhauls and Replacement							Reference : MTA A-15
LTR North Avenue Yard Reconstruction	1,500	-	1,500	1,500	-	-	-
LTR Group P1 - Rehabilitation of Light Rail System	168	350	518	518	-	-	-
Metro Systems Overhauls and Replacements							Reference : MTA A-21
AGY ELECTRICAL SYSTEMS UPGRADES	500	-	500	500	-	-	-
MTR TC&C Room Power Distribution	211	-	211	211	-	-	-
MTR Rail and Switch Heater System Replacement	280	-	280	280	-	-	-
MTR Cellular Coverage in Metro Tunnels	262	75	337	337	-	-	-
MARC Stations and Service Studies							Reference : MTA A-55
MARC Cornerstone Plan Update	341	813	1,153	231	923	-	-

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
MARC Elkton Station	341	813	1,153	231	923	-	-
MARC Bayview Station	341	813	1,153	231	923	-	-
MARC Germantown Station Improvements	341	813	1,153	231	923	-	-
MARC BWI 4th Track	341	813	1,153	231	923	-	-
MARC Penn Line Modeling	341	813	1,153	231	923	-	-
MARC Camden Line Modeling	341	813	1,153	231	923	-	-
MARC Brunswick Line Modeling	341	813	1,153	474	679	-	-
Fast Forward							Reference : MTA A-36
BUS Fast Forward ADA Funding	398	-	398	398	-	-	-
BUS Fast Forward RTIS Funding	105	-	105	105	-	-	-
AGY Fast Forward Wayfinding	26	-	26	26	-	-	-
MTR Charles Center Wayfinding - Fast Forward	243	-	243	243	-	-	-
BUS Fast Forward CBP Custom Shelter	50	-	50	50	-	-	-
Metro Tunnel Repairs and Improvements							Reference : MTA A-22
MTR Dewatering Stations Control & Equipment Replacement	20	-	20	20	-	-	-
MTR Tunnel Structural Repairs	133	-	133	133	-	-	-
Metro and Light Rail Maintenance of Way							Reference : MTA A-12
LTR - Maintenance of Way (MOW) - Program Management	205	-	205	205	-	-	-
MTR Replacement of Aerial Girders	210	8	218	218	-	-	-
Susquehanna River Bridge Replacement							Reference : MTA A-61
MARC NEC Susquehanna River Bridge Replacement	1,500	1,500	3,000	3,000	-	-	-
Penn Station Investments							Reference : MTA A-62
Penn Station Multimodal Access Investments	-	1,700	1,700	340	1,360	-	-
State Highway Administration							
MD 32, Sykesville Road, 2nd Street to Main Street							Reference : SHA CL-1
MD 32 FROM 2ND STREET TO MAIN STREET	500	300	800	80	720	-	-
TSMO System 1							Reference : SHA HO-1
I-70 FROM I-695 TO MD 32; US 29 FROM MD 100 TO I-70; MD 99, MD 100, AND US 40	700	1,300	2,000	150	1,850	-	-
US 220, McMullen Highway							Reference : SHA A-3
US 220 MCMULLEN HIGHWAY - GEOMETRIC IMPROVEMENTS ALONG US 220, MD 53 AND MD 636 IN CRESAPTOWN	400	600	1,000	100	900	-	-

Project Description	Current Year	Budget Year	Total Cost	Total Cost Breakdown			
				STA	FED	OTH	TOLL
The Secretary Office							
Kim Lamphier Bikeways Network Program							Reference : TSO A-3
Salisbury Rail Trail, Phase 1 Design	126	-	126	126	-	-	-
Dunkirk Prince Frederick Feasibility Studies	88	-	88	88	-	-	-
Bike Ocean City Strategic Plan	80	-	80	80	-	-	-
Route 413 Hiker Biker Trail Phase 2	111	-	111	111	-	-	-
Poplar Trail Extension	-	224	224	224	-	-	-
BWI to Odenton Shared Use Path Gaps	-	376	376	376	-	-	-
Town of Luke Bikeway	8	-	8	8	-	-	-
Monocacy MARC Shared-Use Path Feasibility Study	-	80	80	80	-	-	-
Torrey C Brown/Jones Falls Trail Connection	120	-	120	120	-	-	-
LaPlata Radio Station Road Shared Use Path	-	328	328	328	-	-	-
East Street Rails with Trails Phase 4	-	200	200	200	-	-	-
HCC Connector Bike Path Study	78	-	78	78	-	-	-
North Bethesda/White Flint to Twinbrook Study	52	-	52	52	-	-	-
MD 32 Alternate Bike Route/Clarksville Pike Streetscape	550	550	1,100	1,100	-	-	-
Cambridge Bike Lane Study	-	32	32	32	-	-	-
Galena Shared Use Path Study	-	160	160	160	-	-	-
I-270/NIST Shared Use Path Design	-	100	100	100	-	-	-
Good Hope Road Shared Use Path Extension	-	128	128	128	-	-	-
Maple Avenue Complete Street Redesign	-	104	104	104	-	-	-
Cherry Lane Preliminary Design	-	32	32	32	-	-	-
University of Maryland Bike Enhancements	-	160	160	160	-	-	-
St. Michaels Shared-Use Path Study	-	28	28	28	-	-	-
Salisbury Rail Trail Phases 2 & 3	-	140	140	140	-	-	-
MD 611 Shared-Use Path Feasibility Study	-	27	27	27	-	-	-
Martins Lane Bike Lane Study	-	52	52	52	-	-	-

CONSTRUCTION SCHEDULE DELAYS

The start of construction has been postponed from the schedule shown in the FY 2022-2027 CTP, for the following 3 major projects:

<u>PROJECT DESCRIPTION</u>	<u>JUSTIFICATION</u>	<u>FISCAL YEAR</u>
Maryland Transit Administration Howard Street Rail Replacement	Project deferred to align with schedule of State of Good Repair work for Light Rail grouping projects. By doing so, ongoing service disruptions will be mitigated.	FY 2022 to FY 2026
Metro Interlocking Renewals	Project delayed due to manufacturing and supply chain issues.	FY 2022 to FY 2023
Bus Hub at Baltimore Arena	Project is delayed due to ongoing renovations to the Baltimore Arena.	FY 2022 to FY 2024