

MAJOR PROJECT SIGNIFICANT CHANGES FROM THE FY 2023-2028 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 (\$ MILLIONS)</u> |
|--|--|
| <u>New Construction Program Projects</u> | |
| Maryland Aviation Administration | |
| Runway Improvement Program at Martin State Airport | 47.2 |
| D/E Bag Claim Expansion at BWI Marshall Airport | 27.4 |
| Maryland Port Administration | |
| North Locust Point Marine Terminal Preservation Projects | 52.2 |
| World Trade Center Property Management, Upgrades, and Modernization | 38.0 |
| Dundalk Marine Terminal Electrification & Carbon Emissions Reduction | 28.8 |
| Maryland Transportation Authority | |
| I-95 John F. Kennedy Memorial Highway - JFK Maintenance Facility Complex | 45.9 |
| US 40 Thomas J. Hatem Memorial Bridge - Cleaning and Painting of the Hatem Bridge | 65.9 |
| State Highway Administration | |
| Carbon Reduction Program - will reduce transportation-related emissions | 94.4 |
| PROTECT Program - Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation Program | 107.3 |
| NEVI Program - National Electric Vehicle Infrastructure Program | 62.8 |

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM

| <u>PROJECT DESCRIPTION</u> | <u>TOTAL COST (\$ MILLIONS)</u> |
|---|--|
| MD 144, Naves Cross Road - Bridge replacement over Evitts Creek | 9.0 |
| Easton Maintenance Shop - Facility renovation | 18.2 |
| The Secretary's Office | |
| Transit Oriented Development Implementation Program | 5.5 |
| Asset Management Program | <u>4.0</u> |
| Total | 606.6 |

PROJECTS ADDED TO THE D&E PROGRAM

| <u>PROJECT DESCRIPTION</u> | <u>TOTAL FUNDED</u> <u>(\$ MILLIONS)</u> |
|--|---|
| <u>New D&E Program Projects</u> | |
| Maryland Port Administration | |
| Seagirt Marine Terminal Modernization - Loop Channel Improvements | 1.7 |
| Dundalk Marine Terminal Berths 11 -13 Reconstruction | 3.3 |
| Dundalk Marine Terminal Berths 1 -2 Reconstruction | 1.6 |
| St Helena Property | 5.7 |
| Climate Solutions Now Act and Related Projects | 10.5 |
| Maryland Transit Administration | |
| Red Line | 98.9 |
| MTR Mondawmin Transit Hub | 34.5 |
| State Highway Administration | |
| I-270, Eisenhower Memorial Highway and I-495 Capital Beltway - Phase 1 North | <u>50.5</u> |
| Total | 206.6 |

PROJECTS REMOVED FROM THE D&E OR CONSTRUCTION PROGRAMS

PROJECT DESCRIPTION

JUSTIFICATION

Removed from D&E Program

State Highway Administration

| | |
|---|---|
| MD 3, Robert Crain Highway - US 50 to MD 32 | Older corridor-level project in need of reevaluation. |
| MD 140, Baltimore Boulevard - Market Street to Sullivan Road | Older corridor-level project in need of reevaluation. |
| US 301, South Corridor Transportation Study - Potomac River to US 50 | Older corridor-level project in need of reevaluation. |
| MD 180, Jefferson Pike and Ballenger Creek Pike - Greenfield Drive to Corporate Drive | Older corridor-level project in need of reevaluation. |
| US 1, Belair Road - MD 152 to Hickory Bypass | Older corridor-level project in need of reevaluation. |
| US 29, Columbia Pike - at Musgrove Road and Fairland Road | Older corridor-level project in need of reevaluation. |
| US 29, Columbia Pike - at Stewart Lane, Tech Road, Greencastle Road, and Blackburn Road | Older corridor-level project in need of reevaluation. |
| MD 124, Woodfield Road - Midcounty Highway to south of Airpark Road and north of Fieldcrest Road to Warfield Road | Older corridor-level project in need of reevaluation. |
| MD 5, Branch Avenue - at Linda Lane | Older project in need of reevaluation. |
| US 301, Crain Highway - north of Mount Oak Road to US 50 and MD 197, Collington Road - US 301 to Mitchellville Road | Older corridor-level project in need of reevaluation. |
| MD 201 Extended and US 1, Baltimore Avenue - I-95/I-495 (Capital Beltway) to north of Muirkirk Road | Older corridor-level project in need of reevaluation. |

PROJECTS REMOVED FROM THE D&E OR CONSTRUCTION PROGRAMS

PROJECT DESCRIPTION

JUSTIFICATION

MD 5, Point Lookout Road - MD 243 to MD 245

Older corridor-level project in need of reevaluation.

| New Additions to the FY24 - FY29 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 | | | | | | | |
| Shuttle Bus Service Fleet Replacement and Electric Bus Infrastructure at BWI Marshall Airport | | | | | | | Reference : MAA A-3 |
| MAA Shuttle Bus Replacement & Electrical Infrastructure | 6,254 | - | 6,254 | 405 | - | 5,849 | - |
| BC Apron Reconstruction, Infill & Taxiway Improvements at BWI Marshall Airport | | | | | | | Reference : MAA A-10 |
| Glycol Dump Relocation | 54 | 108 | 162 | - | 162 | - | - |
| Regional Aviation Assistance Program | | | | | | | Reference : MAA A-1 |
| 23-021 GAI Land Acq-bridge grant | 3,497 | - | 3,497 | 3,497 | - | - | - |
| Concourse A/B Connector and Baggage Handling System Replacement at BWI Marshall Airport | | | | | | | Reference : MAA A-7 |
| CMAR Conc A/B Connector & BHS | 20,000 | 18,084 | 38,084 | - | 38,084 | - | - |
| CMAR Conc A/B Connector - LL Road | 995 | 155 | 1,150 | - | - | 1,150 | - |
| Taxiway F Relocation at BWI Marshall Airport | | | | | | | Reference : MAA A-8 |
| Taxiway F Relocation - Phase 2 (incl ALSF) | 2,287 | 7,323 | 9,610 | 8,412 | 1,198 | - | - |
| Taxiway T Reconstruction at BWI Marshall Airport | | | | | | | Reference : MAA A-6 |
| Taxiway T Reconstruction Phases 2 & 3 | 12,276 | 15,345 | 27,621 | 6,905 | 20,716 | - | - |
| Taxilanes N and N1 Reconstruction at BWI Marshall Airport | | | | | | | Reference : MAA A-12 |
| Taxilanes N and N1 Reconstruction | 654 | 654 | 1,309 | - | 1,309 | - | - |
| DX/DY Apron Pavement Rehab at BWI Marshall Airport | | | | | | | Reference : MAA A-14 |
| DX/DY Apron Pavement Rehab | - | 546 | 546 | - | 546 | - | - |
| Taxiway F Extension at Martin State Airport | | | | | | | Reference : MAA A-21 |
| MTN Drainage Remediation | - | 102 | 102 | - | 102 | - | - |
| Electrical Substations Reconstruction at BWI Marshall Airport | | | | | | | Reference : MAA A-18 |
| BGE Feeder and Substation Upgrade - Phase 2 | 10,852 | 4,651 | 15,502 | - | - | 15,502 | - |
| Electrical Substation ST-AB Replacement | 3,381 | 1,518 | 4,899 | 671 | - | 4,228 | - |
| Runway Improvement Program at Martin State Airport | | | | | | | Reference : MAA A-22 |
| MTN Runway 15/33 Improvements | - | 34,064 | 34,064 | 5,446 | 28,618 | - | - |
| MTN Bird Cannon Replacement | 0 | 60 | 60 | 60 | - | - | - |
| D/E Bag Claim Expansion at BWI Marshall Airport | | | | | | | Reference : MAA A-19 |
| MDTA Police Relocation | 3,053 | 12,618 | 15,671 | 15,671 | - | - | - |

| Project Description | Current Year | Budget Year | Total Cost | Total Cost Breakdown | | | |
|--|--------------|-------------|------------|----------------------|--------|--------|-----------------------|
| | | | | STA | FED | OTH | TOLL |
| <u>Maryland Transportation Authority</u> | | | | | | | |
| I-95 John F. Kennedy Memorial Highway - JFK Maintenance Facility Complex | | | | | | | Reference : MDTA A-05 |
| JFK Maintenance Facility Complex | - | 4,594 | 4,594 | - | - | - | 4,594 |
| US 40 Thomas J. Hatem Memorial Bridge - Cleaning and Painting of the Hatem Bridge | | | | | | | Reference : MDTA A-22 |
| Cleaning and Painting of the Hatem Bridge | 1,911 | 35,373 | 37,284 | - | - | - | 37,284 |
| <u>Maryland Port Administration</u> | | | | | | | |
| Cox Creek Dredged Material Containment Facility Expansion and Related Projects | | | | | | | Reference : MPA A-3 |
| Cox Creek Expansion Construction | 58 | 58 | 117 | 117 | - | - | - |
| Seagirt Marine Terminal Modernization - Terminal Improvements | | | | | | | Reference : MPA A-18 |
| Living Shoreline at Colgate Creek | - | 4,008 | 4,008 | 2,405 | 1,603 | - | - |
| Seagirt Electrification & Densification | - | 8,994 | 8,994 | - | 3,598 | 5,396 | - |
| Howard Street Tunnel Project (INFRA GRANT) | | | | | | | Reference : MPA A-1 |
| Upgrades to Howard Street Tunnel | 38,267 | 70,975 | 109,242 | 58,631 | 32,844 | 17,768 | - |
| Mid-Chesapeake Bay Island Ecosystem Restoration Project | | | | | | | Reference : MPA A-6 |
| Mid-Bay Islands | - | 34,250 | 34,250 | 34,250 | - | - | - |
| Masonville Dredged Material Containment Facility Expansion and Related Projects | | | | | | | Reference : MPA A-4 |
| Masonville Shared Use Path (FLAP Grant) | 714 | 714 | 1,428 | 1,428 | - | - | - |
| <u>Maryland Transit Administration</u> | | | | | | | |
| MARC Positive Train Control | | | | | | | Reference : MTA A-6 |
| MARC Positive Train Control | 333 | - | 333 | 333 | - | - | - |
| MARC BWI Rail Station Upgrades and Repairs | | | | | | | Reference : MTA A-7 |
| MARC BWI Bus Loop Repairs | 500 | - | 500 | 500 | - | - | - |
| Freight Rail Program | | | | | | | Reference : MTA A-10 |
| FRT Warner Street Highway Rail Grade Crossing | 586 | 586 | 1,173 | 59 | 938 | 176 | - |
| Light Rail Vehicle Overhaul | | | | | | | Reference : MTA A-13 |
| LTR - Axle Procurement | 1,059 | - | 1,059 | 1,059 | - | - | - |
| Metro Railcar and Signal System Overhauls and Replacement | | | | | | | Reference : MTA A-19 |
| MTR Railcar Vehicle Sub-System Overhaul | 221 | - | 221 | 221 | - | - | - |
| Metro Interlocking Renewals | | | | | | | Reference : MTA A-17 |
| MTR Interlockings - Reisterstown Plaza East | 707 | - | 707 | 141 | 566 | - | - |
| Locally Operated Transit Systems Capital Procurement Projects (Local Jurisdictions) | | | | | | | Reference : MTA A-44 |
| LOTS St. Mary's County | - | 90 | 90 | 10 | 80 | - | - |

| Project Description | Current Year | Budget Year | Total Cost | Total Cost Breakdown | | | |
|---|--------------|-------------|------------|----------------------|--------|-----|----------------------|
| | | | | STA | FED | OTH | TOLL |
| Prince George's County Local Bus Program | | | | | | | Reference : MTA A-47 |
| LOTS Prince George's Co. Capital Assistance | 5,150 | 6,650 | 11,800 | - | 11,800 | - | - |
| Light Rail Systems Overhauls and Replacements | | | | | | | Reference : MTA A-14 |
| LTR Traction Power Substation Major Rehabilitation | 160 | 1,600 | 1,760 | - | 1,760 | - | - |
| Fast Forward | | | | | | | Reference : MTA A-36 |
| BUS Fast Forward | 100 | - | 100 | 100 | - | - | - |
| MTR Charles Center Wayfinding - Fast Forward | 600 | - | 600 | 600 | - | - | - |
| BUS Fast Forward Dedicated Bus Lanes | 710 | - | 710 | 710 | - | - | - |
| Metro Tunnel Repairs and Improvements | | | | | | | Reference : MTA A-22 |
| MTR Tunnel Cleaning and Preservation Program | - | 500 | 500 | 374 | 126 | - | - |
| MTR Tunnel Structural Repairs | 150 | - | 150 | 150 | - | - | - |
| State Highway Administration | | | | | | | |
| MD 32, Patuxent Freeway | | | | | | | Reference : SHA A-2 |
| SYKESVILLE ROAD-NOISE BARRIER-SOUTH OF WEST IVORY ROAD TO NORTH OF RIVER VALLEY CHASE | 808 | 1,897 | 2,705 | 136 | 2,569 | - | - |
| MD 5, Point Lookout Road | | | | | | | Reference : SHA A-2 |
| POINT LOOKOUT ROAD-INTERSECTION RECONSTRUCT-MD 246 TO MD 471 | - | 1,054 | 1,054 | 53 | 1,001 | - | - |
| MD 32, Sykesville Road, 2nd Street to Main Street | | | | | | | Reference : SHA A-1 |
| MD 32 FROM 2ND STREET TO MAIN STREET | - | 4,415 | 4,415 | 220 | 4,195 | - | - |
| The Secretary Office | | | | | | | |
| Kim Lamphier Bikeways Network Program | | | | | | | Reference : TSO A-3 |
| Bloomsbury Crossing Construction | 480 | - | 480 | 480 | - | - | - |
| Northwest Salisbury Bikeways, Phase 2A | 100 | - | 100 | 100 | - | - | - |
| Shared Micromobility Station Improvements | 54 | - | 54 | 54 | - | - | - |
| 2 Position Bike Racks on Paratransit Vehicles | 81 | - | 81 | 81 | - | - | - |
| ADA Street and Sidewalk Improvements in Baltimore City | | | | | | | Reference : TSO A-8 |
| ADA- Street and Sidewalk Improvements Baltimore City | 2,500 | 2,500 | 5,000 | 5,000 | - | - | - |
| Transit Oriented Development Planning & Implementation | | | | | | | Reference : TSO A-4 |
| TOD Planning Program | 1,200 | - | 1,200 | 1,200 | - | - | - |
| MDOT Asset Management Program | | | | | | | Reference : TSO A-5 |
| Maximo Enhancements | 281 | - | 281 | 281 | - | - | - |

| 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 Apron Infill & Taxiway Improvements (ALV Demo) | - | 1,418 | 1,418 | - | 1,418 | - | - |
| Environmental Assessment at BWI Marshall Airport | | | | | | | Reference : MAA A-0 |
| BWI Environmental Documents | 5 | - | 5 | 5 | - | - | - |
| Taxiway F Relocation at BWI Marshall Airport | | | | | | | Reference : MAA A-8 |
| Taxiway F Relocation - Phase 2 (incl ALSF) | 52 | 210 | 262 | - | 262 | - | - |
| Taxiway T Reconstruction at BWI Marshall Airport | | | | | | | Reference : MAA A-6 |
| Taxiway T Reconstruction Phases 2 & 3 | 848 | 1,060 | 1,908 | - | 1,908 | - | - |
| DX/DY Apron Pavement Rehab at BWI Marshall Airport | | | | | | | Reference : MAA A-14 |
| DX/DY Apron Pavement Rehab | 741 | 191 | 932 | - | 932 | - | - |
| 15L/33R & Associated Taxiways - Pavement Rehabilitation at BWI Marshall Airport | | | | | | | Reference : MAA A-16 |
| Runway 15L/33R Pavement Rehab and TWs | - | 1,097 | 1,097 | 274 | 823 | - | - |
| Taxiway F Extension at Martin State Airport | | | | | | | Reference : MAA A-21 |
| MTN Drainage Remediation | 243 | 36 | 279 | - | 279 | - | - |
| Runway Improvement Program at Martin State Airport | | | | | | | Reference : MAA A-22 |
| MTN Amtrak Catenary Lowering Design | 86 | - | 86 | - | 86 | - | - |
| MTN Runway 15/33 Improvements | - | 3,382 | 3,382 | - | 3,382 | - | - |
| MTN Runway Planning Initiatives | 400 | 800 | 1,200 | 1,200 | - | - | - |
| <u>Maryland Port Administration</u> | | | | | | | |
| Dredged Material Management Program | | | | | | | Reference : MPA A- |
| Environmental Studies - MERC | 400 | 350 | 750 | 750 | - | - | - |
| Economic Studies - UMCES | 269 | 36 | 305 | 305 | - | - | - |
| Seagirt Marine Terminal Modernization - Terminal Improvements | | | | | | | Reference : MPA A-18 |
| Living Shoreline at Colgate Creek | 400 | - | 400 | 240 | 160 | - | - |
| North Locust Point Marine Terminal Preservation Projects | | | | | | | Reference : MPA A-12 |
| NLP Pier 3 Demolition | 175 | 175 | 350 | 350 | - | - | - |
| NLP Waterline Replacement | 320 | 320 | 640 | 640 | - | - | - |
| World Trade Center | | | | | | | Reference : MPA A-16 |
| WTC Architecture & Engineering | 730 | 730 | 1,460 | 1,460 | - | - | - |
| St Helena Property | | | | | | | Reference : MPA A-25 |
| St. Helena Site Development | 650 | - | 650 | 650 | - | - | - |

| Project Description | Current Year | Budget Year | Total Cost | Total Cost Breakdown | | | |
|--|--------------|-------------|------------|----------------------|-------|-----|----------------------|
| | | | | STA | FED | OTH | TOLL |
| Maryland Transit Administration | | | | | | | |
| MARC Maintenance, Layover, & Storage Facilities | | | | | | | |
| | | | | | | | Reference : MTA A-1 |
| MARC Martins Yard Power Switch | 153 | - | 153 | 130 | 19 | 3 | - |
| MARC Riverside Pavement Repairs | 200 | - | 200 | 200 | - | - | - |
| MARC Improvements on Camden and Brunswick Lines | | | | | | | |
| | | | | | | | Reference : MTA A-3 |
| MARC Brunswick Line Master Plan Investments | - | 400 | 400 | - | 400 | - | - |
| MARC Coaches - Overhauls and Replacement | | | | | | | |
| | | | | | | | Reference : MTA A-4 |
| MARC IIB Single Level Railcar Mid-Life Overhaul (34 Railcars) | 250 | 250 | 500 | 500 | - | - | - |
| MARC Positive Train Control | | | | | | | |
| | | | | | | | Reference : MTA A-6 |
| MARC Positive Train Control | 175 | - | 175 | 175 | - | - | - |
| Freight Rail Program | | | | | | | |
| | | | | | | | Reference : MTA A-10 |
| FRT Warner Street Highway Rail Grade Crossing | 373 | 373 | 745 | 37 | 596 | 112 | - |
| Bus Network Improvements | | | | | | | |
| | | | | | | | Reference : MTA A-27 |
| BUS TPI - Garrison | 896 | - | 896 | 179 | 717 | - | - |
| Prince George's County Local Bus Program | | | | | | | |
| | | | | | | | Reference : MTA A-47 |
| LOTS Prince George's Co. Capital Assistance | - | 269 | 269 | - | 269 | - | - |
| Metro Station Rehabilitation and Lighting Program | | | | | | | |
| | | | | | | | Reference : MTA A-18 |
| MTR Above Ground Station Stairs Rehabilitation | 300 | - | 300 | 300 | - | - | - |
| Zero Emission Bus Infrastructure and Program Management | | | | | | | |
| | | | | | | | Reference : MTA A-33 |
| BUS ZEB Program Management | - | 1,100 | 1,100 | 1,100 | - | - | - |
| BUS Division Electrification Program Phase I | 2,096 | - | 2,096 | - | 2,096 | - | - |
| Zero Emission Bus Pilots | | | | | | | |
| | | | | | | | Reference : MTA A-32 |
| BUS Low-No Bus Procurement and Charging Stations | 276 | - | 276 | 276 | - | - | - |
| Light Rail Systems Overhauls and Replacements | | | | | | | |
| | | | | | | | Reference : MTA A-14 |
| LTR MTA Light Rail Wireless Network Integration and POC for Real Time Data and Video | 300 | - | 300 | 300 | - | - | - |
| RAISE Baltimore Transit Priority | | | | | | | |
| | | | | | | | Reference : MTA A-35 |
| BUS TPI - East-West | 151 | - | 151 | 151 | - | - | - |
| Metro Tunnel Repairs and Improvements | | | | | | | |
| | | | | | | | Reference : MTA A-22 |
| MTR Tunnel Cleaning and Preservation Program | 500 | - | 500 | 500 | - | - | - |
| Red Line | | | | | | | |
| | | | | | | | Reference : MTA A-62 |
| NS Red Line | 1,685 | - | 1,685 | 1,685 | - | - | - |

| Project Description | Current Year | Budget Year | Total Cost | Total Cost Breakdown | | | |
|---|--------------|-------------|------------|----------------------|--------|-----|------|
| | | | | STA | FED | OTH | TOLL |
| MTR Mondawmin Transit Hub | | | | Reference : MTA A-63 | | | |
| MTR Mondawmin Hub | - | 2,246 | 2,246 | - | 2,090 | 157 | - |
| State Highway Administration | | | | | | | |
| Traffic Relief Plan (Phase 2) Smart Traffic Signals | | | | Reference : SHA A-8 | | | |
| AWTRP1 | 5 | 28 | 33 | 33 | - | - | - |
| I-270, Eisenhower Memorial Highway and I-495 Capital Beltway - Phase 1 South | | | | Reference : SHA A-10 | | | |
| IS495 - I-495 FROM S OF GW PARKWAY TO W OF MD 5 AND I-270 FROM I-495 TO N OF I-370 | 2,750 | 9,000 | 11,750 | - | 11,750 | - | - |
| Washington Region - Stream and Wetland Mitigation | | | | Reference : SHA A-9 | | | |
| FULL DELIVERY STREAM AND WETLAND MITIGATION SERVICES | 1,065 | - | 1,065 | 596 | 469 | - | - |
| MD 90, Ocean City Expressway | | | | Reference : SHA A-1 | | | |
| MD90-US 50 INTERCHANGE TO MD 528 | 1,700 | 2,000 | 3,700 | 370 | 3,330 | - | - |
| MD 214, Central Avenue | | | | Reference : SHA A-10 | | | |
| MD214-FROM MD 468 TO CAMP LETTS ROAD | 448 | - | 448 | - | - | 448 | - |
| The Secretary Office | | | | | | | |
| Kim Lamphier Bikeways Network Program | | | | Reference : TSO A-3 | | | |
| Town of Luke Bikeway | 8 | - | 8 | 8 | - | - | - |
| Torrey C Brown/Jones Falls Trail Connection | 120 | - | 120 | 120 | - | - | - |
| HCC Connector Bike Path Study | 78 | - | 78 | 78 | - | - | - |