

## **MAJOR PROJECT SIGNIFICANT CHANGES TO THE FY 2019-2024 CTP**

Significant project changes consist of additions to, or deletions from, the Construction Program or the Development and Evaluation Program; changes in the construction start year; significant cost increases or decreases, and changes in the scope of a project.

In total, \$675.7 million worth of projects have been added to the CTP. Of that amount seventeen projects at a cost of \$652.8 million were added to the Construction Program. Ten projects at a cost of \$22.9 million were added to the Development and Evaluation Program (D&E). In addition, two projects were moved from the D&E Program to the Construction Program at a cost of \$465.5 million. These projects are listed below by category.

### **PROJECTS ADDED TO THE CONSTRUCTION PROGRAM**

| <b><u>PROJECT DESCRIPTION</u></b>                                                               | <b><u>TOTAL COST<br/>(\$ MILLIONS)</u></b> |
|-------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Maryland Aviation Administration</b>                                                         |                                            |
| Concourse A/B Enabling - Central Utility Plant Upgrades at BWI Marshall Airport                 | 10.8                                       |
| <b>Maryland Port Administration</b>                                                             |                                            |
| Howard Street Tunnel Project (INFRA GRANT)                                                      | 466.0                                      |
| <b>Maryland Transit Administration</b>                                                          |                                            |
| Metro Station Rehabilitation and Lighting Program                                               | 5.2                                        |
| Communications System Upgrade and Replacement                                                   | 5.0                                        |
| <b>State Highway Administration</b>                                                             |                                            |
| MD 51, Old Town Road; MD 51, Bridge over Town Creek (Allegany)                                  | 12.4                                       |
| I-695, Baltimore Beltway; I-695, Bridge over I-695 (Baltimore)                                  | 12.5                                       |
| MD 225, Hawthorne Road; MD 225, Bridge over Mattawoman Creek (Charles)                          | 3.2                                        |
| MD 75, Green Valley Road; MD 75, Bridge over I-70 (Frederick)                                   | 11.9                                       |
| US 219, Garrett Highway; US 219, Bridge over Youghiogheny River (Garrett)                       | 8.2                                        |
| MD 212A, Powder Mill Road; MD212A, from Pine Street to US 1 intersection (Prince George's)      | 25.0                                       |
| MD 4, Pennsylvania Avenue; MD 4, Bridges over MD 717. (Prince George's)                         | 21.8                                       |
| MU 277, Riverdale Road; MU 227, Bridge over Northeast Branch Anacostia River. (Prince George's) | 9.2                                        |

**PROJECTS ADDED TO THE CONSTRUCTION PROGRAM (Cont'd)**

| <b><u>PROJECT DESCRIPTION</u></b>                                                                | <b><u>TOTAL COST<br/>(\$ MILLIONS)</u></b> |
|--------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>State Highway Administration</b>                                                              |                                            |
| MD 382, Croom Road; MD 382, Bridge over Charles Branch (Prince George's)                         | 5.8                                        |
| US 13 Business, Salisbury Boulevard; US 13 BU, Bridge over East Branch Wicomico River (Wicomico) | 10.2                                       |
| <b>Maryland Transportation Authority</b>                                                         |                                            |
| MD 695 Francis Scott Key Bridge - Convert to Cashless Tolling                                    | 23.6                                       |
| I-895 Baltimore Harbor Tunnel Thruway - Replace Concrete Median Barrier                          | 11.5                                       |
| US 40 Thomas J. Hatem Memorial Bridge - Convert to Cashless Tolling                              | 10.5                                       |
|                                                                                                  | <hr/>                                      |
| <b>Total</b>                                                                                     | <b>652.8</b>                               |

### ***PROJECTS ADDED TO THE D&E PROGRAM***

| <u>PROJECT DESCRIPTION</u>                  | <u>PHASE</u> | <u>TOTAL COST</u><br><u>(\$ MILLIONS)</u> |
|---------------------------------------------|--------------|-------------------------------------------|
| <b>Maryland Aviation Administration</b>     |              |                                           |
| Taxiway F Relocation Design                 |              | 2.6                                       |
| <b>Maryland Transit Administration</b>      |              |                                           |
| Environmental Planning Initiatives          |              | 2.9                                       |
| Agency Innovation and Alternative Vehicles  |              | 1.3                                       |
| Patapsco Ave Pedestrian/Bicycle Bridge      |              | 1.0                                       |
| Downtown Transfer Center                    |              | 1.0                                       |
| Shared Mobility and Micro-Transit Work Plan |              | 0.1                                       |
| Regional Transit Plan                       |              | 5.0                                       |
| Transit Oriented Development Initiatives    |              | 4.1                                       |
| Eastern Bus Facility                        |              | 0.3                                       |
| LOTS Transit Development Plan (TDP)         |              | 4.6                                       |
| <b>Total</b>                                |              | <b>22.9</b>                               |

**PROJECTS MOVED FROM THE D&E PROGRAM TO THE CONSTRUCTION PROGRAM**

**PROJECT DESCRIPTION**

**ADDITIONAL COST**  
**(\$ MILLIONS)**

**Maryland Aviation Administration**

Concourse A/B Connector & Baggage Handling System Replacement at BWI Marshall Airport

465.3

**Maryland Transportation Authority**

US 50/301 Bay Bridge - Rehabilitate Eastbound Bridge Deck

0.2

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**Total                    465.5**

**PROJECTS REMOVED FROM THE CONSTRUCTION PROGRAM**

The following projects have been removed from the Construction Program:

| <b><u>PROJECT DESCRIPTION</u></b>                                                                   | <b><u>PHASE</u></b> | <b><u>JUSTIFICATION</u></b>                                |
|-----------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------|
| <b>Maryland Aviation Administration</b><br>Midfield Cargo Area Improvements at BWI Marshall Airport | CO                  | Deicing System Expansion project using other alternatives. |

### **CONSTRUCTION SCHEDULE DELAYS**

The start of construction has been postponed from the schedule shown in the FY 2019-2024 CTP, for the following two major projects:

| <b><u>PROJECT DESCRIPTION</u></b>                                                    | <b><u>JUSTIFICATION</u></b>                                                                | <b><u>FISCAL YEAR</u></b> |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|
| <b>State Highway Administration</b>                                                  |                                                                                            |                           |
| MD 175, Annapolis Road;MD 175, from Brock Ridge to MD 295 Interchange (Anne Arundel) | Construction delayed from FY 19 to FY 21 due to the need for advanced utility relocations. | FY 2019 to FY 2021        |
| MD 185, Connecticut Avenue;MD 185, at Jones Bridge (Phase 3) (Montgomery)            | Construction delayed from FY 19 to FY 21 due to the need for advanced utility relocations. | FY 2020 to FY 2021        |

### **COST & SCOPE CHANGES**

In total, one-hundred and fifty-eight major construction projects experienced significant changes in project cost or scope, for a net increase of \$1.23 billion. One-hundred And Four projects increased in cost by a total of \$1.02 billion, while thirty-eight projects experienced decreases totaling \$296.9 million. The scope of thirteen projects changed, which caused a net increase totalling \$524.0 million, while two projects experienced a reduction in scope totalling \$21.2 million. There are many reasons for these changes, including legislated changes in program participation rates, more refined cost estimates, changes in design and environmental requirements. The specific reasons for significant changes to individual projects are noted on their respective Project Information Forms (PIF's).