

MAJOR PROJECT SIGNIFICANT CHANGES TO THE FY 2013-2018 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, \$701.6 million worth of projects have been added to the CTP. Of that amount twenty projects at a cost of \$690.9 million were added to the Construction Program. Five projects at a cost of \$10.7 million were added to the Development and Evaluation Program (D&E). In addition, twenty-six projects were moved from the D&E Program to the Construction Program at a cost of \$5.53 billion. One project was moved from the Construction Program to the D&E Program at a cost of \$0.8 million. These projects are listed below by category.

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST (\$ MILLIONS)</u>
Maryland Aviation Administration	
Loading Bridge Replacement Program at BWI Marshall Airport	12.5
Maryland Port Administration	
Port of Baltimore Export Expansion Project	29.2
Maryland Transit Administration	
Metro Signal System Preservation and Replacement	335.0
State Highway Administration	
MD 648, Baltimore Annapolis Boulevard; Bridge over Cattail Creek (Anne Arundel)	1.8
I-83, Harrisburg Expressway; I-695 to Shawan Road (Baltimore)	11.7
MD 30 Bus. Main Street; North Woods Trail to CSX Railroad (Carroll)	23.0
MD 234, Budds Creek Road; Bridge over Allens Fresh Run (Charles)	3.8
US 219, Garrett Highway; Bridge over Cherry Creek (Garrett)	3.7
MD 7, Philadelphia Road; Bridge over James Run (Harford)	5.0
MD 5, Queens Chapel Road (Prince George's)	13.8

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM (Cont'd)

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST</u> <u>(\$ MILLIONS)</u>
State Highway Administration	
MD 4, Pennsylvania Avenue; Forestville Road to MD 458 (Silver Hill Road) (Prince George's)	32.2
MD 5, Branch Avenue; MD 223 to south of I-95 (Prince George's)	11.0
US 50, John Hanson Highway; South of Lottsford Vista Road to Anne Arundel County Line (Prince George's)	13.5
US 13, Ocean Highway; Bridges over the Pocomoke River (Worcester, Somerset)	17.2
MD 5, Point Lookout Road; Bridge over Eastern Branch (St. Mary's)	5.6
I-81, Maryland Veterans Memorial Highway; Bridge over Potomac River (Washington)	48.2
Maryland Transportation Authority	
I-95 Fort McHenry Tunnel - Replace Weathering Steel High Mast Light Poles North and South of the Tunnel	20.6
MD 695 Francis Scott Key Bridge - Clean and Paint Approach Spans on Bridges over Curtis Creek	5.6
US 40 Thomas J. Hatem Memorial Bridge - Convert to All Electronic Tolling (AET) and Rehabilitate Approach Roadways	10.8
Authority-Wide - Replace Electronic Toll Collection and Operating System - 3rd Generation	86.7
Total	690.9

PROJECTS ADDED TO THE D&E PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>PHASE</u>	<u>TOTAL COST</u> <u>(\$ MILLIONS)</u>
Maryland Aviation Administration		
Environmental Assessment at Martin State Airport		1.5
Environmental Assessment at BWI Marshall Airport		2.0
Exit Lane Technology at BWI Marshall Airport		0.2
State Highway Administration		
MD 5, Point Lookout Road; Bridge over St. Mary's River, MD 246 and MD 471 (St. Mary's)		5.0
Maryland Transportation Authority		
MD 695 Francis Scott Key Bridge - Convert to All Electronic Tolling (AET)		2.0
	Total	10.7

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

PROJECT DESCRIPTION

ADDITIONAL COST
(\$ MILLIONS)

Maryland Aviation Administration

D/E Connector at BWI Marshall Airport	125.3
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Maryland Transit Administration

Baltimore Red Line	2,432.1
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Purple Line	1,627.9
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Corridor Cities Transitway (CCT)	240.8
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State Highway Administration

I-695, Baltimore Beltway; Bridge over Benson Ave./Leeds Ave./US 1/Amtrak (Baltimore)	64.0
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I-695, Baltimore Beltway; MD 41 to MD 147 (Baltimore)	35.9
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I-695, Baltimore Beltway; US 40 to MD 144 (Baltimore)	97.2
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MD 404, Shore Highway; West of MD 309 to Cemetery Road. (Queen Anne's, Caroline)	38.8
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MD 331, Dover Road; Replace Bridge over Choptank River (Talbot, Caroline)	64.0
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US 15, Catoctin Mountain Highway; Interchange at Monocacy Boulevard. (Frederick)	72.4
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MD 22, Aberdeen Thruway; at MD 462 (Harford)	20.3
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MD 22, Aberdeen Thruway; at Beards Hill Road (Harford)	16.1
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US 40. Pulaski Highway; at MD 7/159 (Phase 2) (Harford)	20.5
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US 29, Columbia Pike; Seneca Drive to MD 175 (Howard)	52.1
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MD 355, Rockville Pike; BRAC Intersection Improvements at Cedar Lane. (Montgomery)	15.8
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MD 355, Rockville Pike; Woodmont Ave. to South Wood Drive/South Drive (Montgomery)	4.3
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MD 187, Old Georgetown Road; BRAC Intersection Improvements at West Cedar Lane (Montgomery)	9.4
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MD 185, Connecticut Ave.; at Jones Bridge (Phase 3) (Montgomery)	18.3
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MD 97, Georgia Ave.; South of Brookeville to north of BrookevilleBrookeville Bypass (Montgomery)	27.2
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I-270/Watkins Mill Road Extended; Interchange at Watkins Mill Road extended (Montgomery)	165.3
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PROJECTS MOVED FROM THE D&E PROGRAM TO THE CONSTRUCTION PROGRAM (Cont'd)

PROJECT DESCRIPTION

ADDITIONAL COST
(\$ MILLIONS)

State Highway Administration

MD 320, Piney Branch Road; BRAC Intersections at Sligo Creek (Montgomery)	1.5
MD 210, Indian Head Highway; Interchange at Kirby Hill / Livingston Rd (Prince George's)	92.2
I-95/I-495, Capital Beltway; Improve access from MD 5 and I-95/495 to Branch Ave. Metro (Phase II) (Prince George's)	61.1
MD 4, Pennsylvania Avenue; Interchange at Suitland Parkway (Prince George's)	160.4
US 301, Blue Star Memorial Highway; at MD 304 (Queen Anne's)	61.1
MD 822, University of Maryland Eastern Shore Access Road; at MD 675 (Somerset)	4.4
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Total	5,528.4

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

<u>PROJECT DESCRIPTION</u>	<u>JUSTIFICATION</u>	<u>TOTAL COST (\$ MILLIONS)</u>
State Highway Administration MD 24, Rocks Road; Sharon Road to Ferncliff Lane (Section G) (Harford)	Section A will be completed first.	0.8
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		Total .8

PROJECTS REMOVED FROM THE D&E PROGRAM

The following projects have been removed from the D&E Program:

<u>PROJECT DESCRIPTION</u>	<u>PHASE</u>	<u>JUSTIFICATION</u>
State Highway Administration US 40, Pulaski Highway; Middle River Road to MD 43 Interchange (Baltimore)	PE & RW	Moved to the Community, Safety & Enhancement Program in the Syetem Preservation Program

PROJECTS REMOVED FROM THE CONSTRUCTION PROGRAM

The following projects have been removed from the Construction Program:

<u>PROJECT DESCRIPTION</u>	<u>PHASE</u>	<u>JUSTIFICATION</u>
State Highway Administration Pedestrian Access To Transit; Pedestrian Access to Transit (State Wide)	PE, CO	Funds moved to ADA retrofit and Bicycle Retrofit

CONSTRUCTION SCHEDULE DELAYS

The start of construction has been postponed from the schedule shown in the FY 2013-2018 CTP, for the following major project:

<u>PROJECT DESCRIPTION</u>	<u>JUSTIFICATION</u>	<u>FISCAL YEAR</u>
Maryland Transit Administration		
MARC Positive Train Control	Negotiations regarding additional work items	FY 2013 to FY 2014

COST & SCOPE CHANGES

In total, one-hundred and forty major construction projects experienced significant changes in project cost or scope, for a net increase of \$5.83 billion. Ninety-five projects increased in cost by a total of \$6.03 billion, while thirty-six projects experienced decreases totaling \$188.5 million. The scope of four projects changed, which caused a net increase totalling \$81.8 million, while two projects experienced a reduction in scope totalling \$88.4 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).