

MAJOR PROJECT SIGNIFICANT CHANGES TO THE FY 2015-2020 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, \$722.1 million worth of projects have been added to the CTP. Of that amount thirty-nine projects at a cost of \$721.1 million were added to the Construction Program. One project at a cost of \$1.0 million was added to the Development and Evaluation Program (D&E). In addition, fifteen projects were moved from the D&E Program to the Construction Program at a cost of \$1.02 billion. One project was moved from the Construction Program to the D&E Program at a cost of \$12.9 million. These projects are listed below by category.

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST (\$ MILLIONS)</u>
Maryland Transit Administration	
Light Rail Safety Improvements	22.8
Bus Network Improvements	37.0
Agencywide Elevator and Escalator Rehabilitation	12.0
Agencywide Radio and Telecommunications Upgrade	28.7
State Highway Administration	
MD 47, Barrelville Road; MD 47, Bridge over North Branch (Allegany)	6.9
MD 36, Mount Savage Road; MD 36, Bridge over Jennings Run (Allegany)	4.1
US 40, Pulaski Highway; US 40, Bridges over Little and Big Gunpowder Falls (Baltimore)	12.4
I-695, Baltimore Beltway; I-695, Bridge on Crosby Road over I-695 (Baltimore)	6.9
US 1, Washington Boulevard; US 1, Bridge over CSX (Baltimore)	25.2
I-83, Harrisburg Expressway; I-83, Bridge over Padonia Road (Baltimore)	10.9
MD 137, Mount Carmel Road; MD 37, Bridge over I-83 (Baltimore)	4.8
MD 86, Lineboro Road; MD 86, Bridge over South Branch of Gunpowder River (Carroll)	6.2

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM (Cont'd)

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST (\$ MILLIONS)</u>
State Highway Administration	
MD 496, Bachmans Valley Road; MD 496, Bridge over Big Pipe Creek (Carroll)	3.6
MD 222, N. Main Street; MD 222, Aiken Avenue (Cecil)	4.6
MD 234, Budds Creek Road; MD 234, Bridge over Gilbert Swamp Run (Charles)	4.0
US 40 ALT, Old National Pike; US 40, Old National Pike, Ivy Hill Drive to Middletown Parkway (Frederick)	14.6
MD 355, Urbana Pike; MD 355, Urbana Pike (Frederick)	9.2
MD 355, Urbana Pike; MD 355, Bridge over CSX (Frederick)	6.9
MD 180, Jefferson Pike; North of I-70 to Bridge 10140 (Frederick)	31.0
MD 140, Main Street; MD 140, Bridge over Flat Run (Frederick)	6.2
US 15, Catoctin Mountain Highway; US 15, Bridge over MD 26 (Frederick)	6.6
US 219, Chestnut Ridge Road; US 219, Interchange at I-68 (Garrett)	96.7
MD 39, Hutton Road; MD 39, Bridge over Youghiogheny River (Garrett)	6.2
MD 32, Patuxent Freeway; MD 32, Bridge on Triadelphia Road over MD 32 (Howard)	5.9
I-95; I-95, Montgomery Road Overpass to I-895 Interchange (Howard)	12.8
I-270, Eisenhower Highway; I-270, Active Traffic Management and Innovative Congestion Management (Montgomery)	100.0
I-495, Capital Beltway; I-495, Resurface from I-270Y to Seminary Road (Montgomery)	10.7
MD 355, Frederick Road; MD 355, Bridge over Little Bennett Creek (Montgomery)	5.2
MD 195, Carroll Avenue; MD 195, Bridge over Sligo Creek and Sligo Creek Parkway (Montgomery)	12.2
I-95/I-495, Capital Beltway; I-95/I-495, Bridge over Suitland Road (Prince George's)	33.5
I-95, Capital Beltway; I-95, Resurface I-495 to MD 212 (Prince George's)	13.0
I-95/I-495, Capital Beltway; I-95/I-495, Bridges over Suitland Parkway (Prince George's)	15.0

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM (Cont'd)

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST</u> <u>(\$ MILLIONS)</u>
State Highway Administration	
US 50, John Hanson Highway; US 50, south of Lottsford Vista Road to Anne Arundel County Line (Prince George's)	12.9
MD 349, Nanticoke Road; MD 349, Bridge 2201500 over Windsor Creek (Wicomico)	3.3
Maryland Transportation Authority	
I-95 Fort McHenry Tunnel - Replace Tunnel Lighting Systems	40.1
I-895 Harbor Tunnel Thruway - Rehabilitate Tunnel Standpipe and Sump Pump Systems	13.1
I-895 Baltimore Harbor Tunnel Thruway - Rehabilitate Various Bridges	43.9
Point Breeze - Renovate Building 2330	11.3
Remove, Replace, and Upgrade Sign Structures - Northern Region	20.7

Total	721.1

PROJECTS ADDED TO THE D&E PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>PHASE</u>	<u>TOTAL COST</u> <u>(\$ MILLIONS)</u>
State Highway Administration		
I-70 and I-695, Baltimore Beltway; I-70 / I-695 Triple Bridges (Baltimore)	Planning	1.0
MD 32 Sykesville Road; MD 32 from MD 26 to I-70 (Howard) (Carroll)	Planning	1.3
		<hr/> Total 2.3

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

PROJECT DESCRIPTION

ADDITIONAL COST
(\$ MILLIONS)

Motor Vehicle Administration

Project Core (Enterprise Management System) 16.3

Maryland Aviation Administration

International Concourse Extension at BWI Marshall Airport 105.2

State Highway Administration

US 50, John Hanson Highway; US 50, MD 70 to MD 2 (Anne Arundel) 26.6

MD 175, Annapolis Road; MD 175, from Brock Ridge to MD 295 Interchange (Anne Arundel) 111.4

MD 140, Reisterstown Road; MD 140, from Garrison View Road to Painters Mill Road (Baltimore) 17.7

MD 2/4, Solomons Island Road; MD 2/4, from Fox Run Blvd. to Commerve Lane (Calvert) 29.7

MD 404, Shore Highway; MD 404, US 50 to MD 309 and west of Hillsboro Road to Holly Road (Talbot, Queen Anne's, Caroline) 160.5

MD 85, Buckeystown Pike; MD 85, from Crestwood Boulevard to Spectrum Drive (Frederick) 118.1

MD 32, Sykesville Road; From MD 108 to Linden Church Road (Howard) 16.5

MD 32, Patuxent Freeway; MD 32, MD 108 to I-70 (Howard) 90.0

US 1, Baltimore Avenue; US 1, from MD 193 to College Ave. (Prince George's) 56.1

I-95/I-495, Capital Beltway; I-95/I-495, Access to Greenbelt Metro Station (Prince George's) 152.1

MD 5, Point Lookout Road; MD 5, Camp Brown Road to Ranger Station (St. Mary's) 19.6

MD 5, Point Lookout Road; MD 5, at Abell Street/Moakley Street (St. Mary's) 13.7

US 113, Worcester Highway; US 113, Public Landing to Massey Branch (Phase 4). (Worcester) 86.4

Total 1,019.9

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

<u>PROJECT DESCRIPTION</u>	<u>JUSTIFICATION</u>	<u>TOTAL COST</u> <u>(\$ MILLIONS)</u>
State Highway Administration		
BRAC Intersections near Bethesda Naval Center; BRAC Intersections Improvements near Bethesda Naval Center. (State Wide)	Will be moved to breakout projects.	12.9
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		Total 12.9

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>
<p>Maryland Aviation Administration Exit Lane Technology at BWI Marshall Airport</p>	Engineering	Project moved from D&E to Minor Program, Project #2028
<p>State Highway Administration US 29, Colesville Road/Columbia Pike, and MD 384, Colesville Road; US 29, Colesville Road/Columbia Pike, and MD 384, Colesville Road BRT Study (Montgomery)</p>	Planning	Bus Rapid Transit (BRT) project moved to the MTA program.
<p>MD 97, Georgia Avenue; MD 97, Multimodal transit study between Glenmount and Olney (Montgomery)</p>	Planning	Montgomery County was funding Planning. County decided not to pursue this as BRT route.
<p>MD 355, Wisconsin Avenue/Rockville Pike/Hungerford Drive/Frederick Road/Frederick Avenue; MD 355, Bethesda to Clarksburg BRT Study (Montgomery)</p>	Planning	Bus Rapid Transit (BRT) project moved to the MTA 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 MD 32, Patuxent Freeway; Wellworth Way access improvements (Howard)	Construction	Moved to the System Preservation Program

CONSTRUCTION SCHEDULE DELAYS

The start of construction has been postponed from the schedule shown in the FY 2015-2020 CTP, for the following four major projects:

<u>PROJECT DESCRIPTION</u>	<u>JUSTIFICATION</u>	<u>FISCAL YEAR</u>
Maryland Aviation Administration		
Homeowner Assistance Program	Federal funding usage requires noise map update.	FY 2015 to FY 2016
State Highway Administration		
MD 30 Bus. Main Street;MD 30, North Woods Trail to CSX Railroad (Carroll)	Construction delayed due to Town of Hampstead constructing water and sewer upgrades	FY 2016 to FY 2017
MD 355, Rockville Pike;MD 355, Woodmont Avenue/Glenbrook Parkway to South Wood Drive/South Drive (Montgomery)	Montgomery County is performing the Advertisement and Construction of this project. Delayed to match Montgomery County's project schedule.	FY 2015 to FY 2016
I-270, Eisenhower Highway;I-270, Interchange at Watkins Mill Road extended (Montgomery)	Due to the scope of the project being revised	FY 2016 to FY 2017

COST & SCOPE CHANGES

In total, one-hundred and fifty-five major construction projects experienced significant changes in project cost or scope, for a net increase of \$471.0 million. One-hundred projects increased in cost by a total of \$1.17 billion, while forty-nine projects experienced decreases totaling \$691.8 million. The scope of five projects changed, which caused a net increase totalling \$16.5 million, while two projects experienced a reduction in scope totalling \$18.7 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).