

MAJOR PROJECT SIGNIFICANT CHANGES TO THE FY 2016-2021 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, \$224.1 million worth of projects have been added to the CTP. Of that amount seven projects at a cost of \$219.1 million were added to the Construction Program. One project at a cost of \$5.0 million was added to the Development and Evaluation Program (D&E). One project was moved from the Construction Program to the D&E Program at a cost of \$260.8 million. These projects are listed below by category.

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST</u> <u>(\$ MILLIONS)</u>
Maryland Aviation Administration	
Consolidated Rental Car Facility Shuttle Bus Fleet Replacement	16.0
Maryland Transit Administration	
North Avenue Rising	27.3
State Highway Administration	
Maintenance Facility in Easton; Easton Maintenance Facility (Talbot)	21.9
Maryland Transportation Authority	
I-95 Fort McHenry Tunnel - Rehabilitate Vent Fans	36.4
I-95 Fort McHenry Tunnel - Moravia Road to Tunnel Improvements	66.2
I-95 Fort McHenry Tunnel - Port Covington I-95 Access	33.4
MD 695 Francis Scott Key Bridge - Rehabilitate Substructure and Superstructure of Various Bridges	17.9

Total	219.1

PROJECTS ADDED TO THE D&E PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>PHASE</u>	<u>TOTAL COST (\$ MILLIONS)</u>
Maryland Transportation Authority US 50/301 Bay Bridge - Tier I NEPA Study		5.0
		<hr/> Total 5.0

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>
Maryland Transit Administration Corridor Cities Transitway (CCT)	Funding for right-of-way and construction has been deferred to FY23.	260.8

		Total 260.8

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 29, Columbia Pike; US 29, Columbia to Burtonsville BRT Study (Howard)	Planning	Bus Rapid Transit (BRT) project moved to the MTA program.
BRAC Intersections near Fort Meade; BRAC Intersections Improvements near Fort Meade. (State Wide)	Engineering	Location specific projects moved to Anne Arundel County.
BRAC Intersections near Bethesda Naval Center; BRAC Intersections Improvements near Bethesda Naval Center. (State Wide)	Engineering	Location specific projects moved to Montgomery County.
BRAC Intersections near Andrews Air Force Base; BRAC Intersections Improvements near Andrews Airforce Base. (State Wide)	Engineering	Location specific projects moved to Prince George's County.
BRAC Intersections near Aberdeen Proving Grounds; BRAC Intersections Improvements near Aberdeen Proving Grounds. (State Wide)	Engineering	Location specific projects moved to Harford County.

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; MD 32, Bridge on Triadelphia Road over MD 32 (Howard)	Construction	Project incorporated into the MD 32 from north of Linden Church Road to I-70 project.
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 2016-2021 CTP, for the following seven major projects:

<u>PROJECT DESCRIPTION</u>	<u>JUSTIFICATION</u>	<u>FISCAL YEAR</u>
Maryland Aviation Administration		
Homeowner Assistance Program	Federal funding usage awaiting noise map update.	FY 2016 to FY 2017
State Highway Administration		
US 40, Pulaski Highway;US 40, Bridges over Little and Big Gunpowder Falls (Baltimore)	Construction delayed due to the acquisition of necessary environmental permits.	FY 2017 to FY 2018
MD 86, Lineboro Road;MD 86, Bridge over South Branch of Gunpowder River (Carroll)	Construction delayed due to additional stream stabilization work.	FY 2017 to FY 2018
MD 85, Buckeystown Pike;MD 85, from Crestwood Boulevard to Spectrum Drive (Frederick)	Construction delayed due to utility relocations.	FY 2017 to FY 2018
US 40. Pulaski Highway;US 40, at MD 7/159 (Phase 2) (Harford)	Construction delayed due to the acquisition of necessary environmental permits.	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 Mongomery County's project schedule.	FY 2016 to FY 2017
I-270, Eisenhower Highway;I-270, Interchange at Watkins Mill Road extended (Montgomery)	Construction delayed due to coordination with I-270 Innovative Congestion Management project.	FY 2017 to FY 2018

COST & SCOPE CHANGES

In total, one-hundred and fifty-six major construction projects experienced significant changes in project cost or scope, for a net increase of \$472.0 million. Ninety-seven projects increased in cost by a total of \$876.5 million, while there were no projects that experienced a reduction in scope. The scope of four projects changed, which caused a net increase totalling \$11.2 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).