

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, \$387.1 million worth of projects have been added to the CTP. Of that amount thirteen projects at a cost of \$340.5 million were added to the Construction Program. Four projects at a cost of \$46.6 million were added to the Development and Evaluation Program (D&E). In addition, one project was moved from the D&E Program to the Construction Program at a cost of \$707.0 million. 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 (\$ MILLIONS)</u>
Maryland Aviation Administration	
Residential Sound Insulation Program	5.6
Consolidated Rental Car Facility Shuttle Bus Fleet Replacement	16.0
Maryland Transit Administration	
North Avenue Rising	27.3
Montgomery County Bus Rapid Transit	40.5
State Highway Administration	
MD 500, Queens Chapel Road; MD 500, D.C. Line to MD 208 (Prince George's)	23.5
MD 381, Brandywine Road; MD 381, Bridge over Timothy Branch (Prince George's)	3.3
I-95, Capital Beltway; I-95, Bridge over MD 214 (Prince George's)	36.2
Maryland Transportation Authority	
I-95 Kennedy Highway - Repair Substructure and Superstructure	18.4
I-95 Fort McHenry Tunnel - Rehabilitate Vent Fans	36.4

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM (Cont'd)

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST</u> <u>(\$ MILLIONS)</u>
Maryland Transportation Authority	
I-95 Fort McHenry Tunnel - Moravia Road to Tunnel Improvements	66.2
I-95 Fort McHenry Tunnel - Port Covington I-95 Access	33.4
I-95/I-395 Fort McHenry Tunnel - Deck Sealing and Miscellaneous Rehabilitation	15.6
MD 695 Francis Scott Key Bridge - Rehabilitate Substructure and Superstructure of Various Bridges	18.1
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Total	340.5

PROJECTS ADDED TO THE D&E PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>PHASE</u>	<u>TOTAL COST (\$ MILLIONS)</u>
The Secretary's Office		
Baltimore-Washington Superconducting Maglev (SCMAGLEV) Project	PP	34.8
Maryland Aviation Administration		
Aircraft Maintenance Facility Infrastructure at BWI Marshall Airport	PE	5.0
State Highway Administration		
IS 95, Active Traffic Management; IS 95, MD 32 to MD 100 (Howard)	PE	1.8
Maryland Transportation Authority		
US 50/301 Bay Bridge - Tier 1 NEPA Study	PP	5.0
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	Total	46.6

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

PROJECT DESCRIPTION

ADDITIONAL COST
(\$ MILLIONS)

Maryland Transportation Authority

US 301 Harry W. Nice Memorial Bridge - Replace Nice Bridge

707.0

Total **707.0**

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)	Deferred to FY 23	260.8
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		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 BRAC Intersections near Fort Meade; BRAC Intersections Improvements near Fort Meade. (State Wide)	PE	Location specific projects moved to Anne Arundel County.
BRAC Intersections near Bethesda Naval Center; BRAC Intersections Improvements near Bethesda Naval Center. (State Wide)	PE	Location specific projects moved to Montgomery County.
BRAC Intersections near Andrews Air Force Base; BRAC Intersections Improvements near Andrews Airforce Base. (State Wide)	PE	Location specific projects moved to Prince George's County.
BRAC Intersections near Aberdeen Proving Grounds; BRAC Intersections Improvements near Aberdeen Proving Grounds. (State Wide)	PE	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>
Maryland Aviation Administration Homeowner Assistance Program	CO	Replaced by Residential Sound Insulation Program
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.

CONSTRUCTION SCHEDULE DELAYS

The start of construction has been postponed from the schedule shown in the FY 2016-2021 CTP, for the following eight major projects:

<u>PROJECT DESCRIPTION</u>	<u>JUSTIFICATION</u>	<u>FISCAL YEAR</u>
State Highway Administration		
MD 36, Mount Savage Road;MD 36, Bridge over Jennings Run (Allegany)	Construction delayed due to changes in the scope of work related to: retaining wall, pedestrian bridge, and environmental permits.	FY 2017 to FY 2018
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 2/4, Solomons Island Road;MD 2/4, from Fox Run Blvd. to Commerve Lane (Calvert)	Construction delay due to the incorporation of County/Developer design changes.	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 Montgomery 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 ninety major construction projects experienced significant changes in project cost or scope, for a net decrease of \$701.0 million. One-hundred And Nineteen projects increased in cost by a total of \$780.7 million, while there were no projects that experienced a reduction in scope. The scope of four projects changed, which caused a net increase totalling \$48.2 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).