

MAJOR PROJECT SIGNIFICANT CHANGES TO THE FY 2004-2009 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, \$4.15 billion worth of projects have been added to the CTP. Of that amount twenty-four projects at a cost of \$531.8 million were added to the Construction Program. Eleven projects at a cost of \$24.1 million were added to the Development and Evaluation Program (D&E). In addition, twenty projects were moved from the D&E Program to the Construction Program at a cost of \$3.60 billion. 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	
Hagerstown Airport Expansion	57.6
Maryland Port Administration	
Wallenius Wilhelmsen Improvements - Phase II	4.0
South Locust Point Cruise Terminal	13.2
Maryland Transit Administration	
MARC II Vehicle Mid-Life Overhaul	25.3
MARC Mid-Life Overhaul of GP40 and AEM7 Locomotives	71.1
State Highway Administration	
MD 47, Barrelville Road; Replace bridge over North Branch. (Allegany)	2.5
MD 295, Baltimore Washington Parkway; MD 295 from I-695 to I-195. (Anne Arundel)	23.7
I-83, Harrisburg Expressway; Replace bridges over NCR Trail and Little Falls. (Baltimore)	11.3
MD 45, York Road; MD 45 from Cavan Road to Ridgely Road. (Baltimore)	12.3

PROJECTS ADDED TO THE CONSTRUCTION PROGRAM (Cont'd)

<u>PROJECT DESCRIPTION</u>	<u>TOTAL COST</u> <u>(\$ MILLIONS)</u>
State Highway Administration	
MD 260, Chesapeake Beach Road; Replace bridge over MD 260. (Calvert)	1.8
MD 194, Francis Scott Key Highway; Replace bridge over Big Pipe Creek. (Carroll)	3.0
MD 7B, Philadelphia Road; Replace bridge over Mill Creek. (Cecil)	2.1
MD 874C, Old New London Road; Replace bridge over Ben's Branch. (Frederick)	1.5
US 40, Pulaski Highway; US 40 from MD 152 to MD 24 overpass (Harford)	8.2
MD 450, Annapolis Road; Replace bridge over CSX Railroad. (Prince George's)	4.6
I-95/I-495, Capital Beltway; Interchange improvements at Arena Drive (Interim improvements) (Prince George's)	29.7
MD 19, Robert Station Road/MD 405, Price Station Road; MD 19 & MD 405 over Beaverdam Ditch and German Branch. (Queen Anne's)	2.2
MD 331, Dover Road; Replace bridge over Choptank River. (Talbot)	48.4
MD 90, Ocean City Expressway; MD 90 bridges over Assawoman Bay and St. Martin River. (Worcester)	7.1
Maryland Transportation Authority	
John F. Kennedy Memorial Highway - Rossville Boulevard Bridge	10.0
John F. Kennedy Memorial Highway - Cowenton Avenue Bridge	3.1
Fort McHenry Tunnel - South of Tunnel	106.3
Fort McHenry Tunnel - North of Tunnel	61.7
Baltimore Harbor Tunnel Thruway - Canton Viaduct	21.1
Total	531.8

PROJECTS ADDED TO THE D&E PROGRAM

<u>PROJECT DESCRIPTION</u>	<u>PHASE</u>	<u>TOTAL COST (\$ MILLIONS)</u>
Maryland Aviation Administration		
Concourse B/C Fully Integrated Baggage Screening System and Baggage Claim Expansion at BWI Airport	PE	4.6
State Highway Administration		
MD 295, Baltimore Washington Parkway; MD 295 from MD 100 to I-195. (Anne Arundel)	PP	2.2
MD 2/4 at Lusby Connector; MD 2/4 at Lusby Connector. (Calvert)	PE	1.0
MD 404, Shore Highway; Upgrade existing MD 404 to a 4 lane divided highway with access controls from US 50 to the Denton Bypass. (Talbot)	PE	3.8
MD 26, Liberty Road; MD 26 from Liberty Reservoir to MD 32. (Carroll)	PE	0.6
US 29, Columbia Pike; US 29 from Middle Patuxent River to Broken Land Parkway (Howard)	PE	1.7
US 1, Washington Boulevard; US 1 Corridor Study (Howard)	PP	1.3
MD 450, Annapolis Road; MD 450 from Stonybrook Drive to MD 3 (Prince George's)	PE	3.7
US 301, Blue Star Memorial Highway; US 301 at MD 304 (Queen Anne's)	PP	1.5
US 50, Ocean Gateway; US 50 bridge over Sinepuxent Bay. (Worcester)	PP	2.5
Maryland Transportation Authority		
William Preston Lane Jr. Memorial Bridge - Traffic Capacity Study	PP	1.2
Total		24.1

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

<u>PROJECT DESCRIPTION</u>	<u>ADDITIONAL COST (\$ MILLIONS)</u>
Maryland Aviation Administration	
Midfield Complex - Aircraft Hangar at Martin State Airport	7.2
Maryland Transit Administration	
Baltimore Corridor Transit Study - Red Line	239.6
State Highway Administration	
I-695, Baltimore Beltway; Replace bridge at US 40. (Baltimore)	5.5
MD 2/4, Solomons Island Road; MD 2/4 intersection at MD 231. (Calvert)	16.3
MD 404, Shore Highway; Study to upgrade MD 404 from Double Hills Road to MD 16. (Caroline)	14.6
MD 30 Relocated, Hampstead Bypass; MD 30 Relocated from south of Hampstead to north of Hampstead. (Carroll)	63.4
MD 5 Relocated at Hughesville; Hughesville Bypass. (Charles)	34.3
I-70, Baltimore National Pike; I-70 Phase 2B, 2C, Walser Dr., MD 355, and MD 475 South St. to Monocacy Blvd. (Frederick)	80.1
US 15, Catoctin Mountain Highway; Study to reconstruct the existing interchange at MD 26. (Frederick)	1.7
US 219 Relocated, Oakland Bypass; Oakland Bypass. (Garrett)	35.5
MD 32, Patuxent Freeway; MD 32 at Burntwoods Road (Howard)	25.4
MD 355, Rockville Pike; MD 355 from Old Georgetown Road to Maple/Chapman Road (Phase 1) (Montgomery)	40.3
MD 124, Woodfield Road; MD 124 from Airpark to Fieldcrest (Montgomery)	35.6
MD 4, Pennsylvania Avenue; Interchange at Suitland Parkway (Prince George's)	81.7
I-95/I-495, Capital Beltway; Interchange improvements at Branch Avenue Metro Station (Phase 1) (Prince George's)	49.6

PROJECTS MOVED FROM THE D&E PROGRAM TO THE CONSTRUCTION PROGRAM (Cont'd)

PROJECT DESCRIPTION

ADDITIONAL COST
(\$ MILLIONS)

State Highway Administration

MD 237, Chancellors Run Road; MD 237 from Pegg Road to MD 235 (St. Mary's)	41.2
US 113, Worcester Highway; US 113 from MD 394 (Market Street) to MD 365 (Public Landing Road). (Worcester)	18.0

Maryland Transportation Authority

John F. Kennedy Memorial Highway - Section 100	830.2
John F. Kennedy Memorial Highway - Interchange at MD 24	85.6
Intercounty Connector	1,891.4

Total **3,597.2**

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>
Maryland Aviation Administration Mall Area Development at BWI Airport	PE	Development to be coordinated with Airport Master Plan.
Terminal Building Expansion at BWI Airport	PE	Components have been transferred to other projects.

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 Runway Reconstruction at Martin State Airport	PE, CO	Contingent on federal funding and resolution of environmental components with Federal Aviation Administration.

CONSTRUCTION SCHEDULE DELAYS

The start of construction has been postponed from the schedule shown in the FY 2004-2009 CTP, for the following eight major projects.

<u>PROJECT DESCRIPTION</u>	<u>JUSTIFICATION</u>	<u>FISCAL YEAR</u>
Motor Vehicle Administration		
Electronic Lien, Title and Registration System (TARIS 2)	Revised schedule to start in FY 2007 due to re-phasing of the electronic lien portion of the project.	FY 2006 to FY 2007
National Motor Vehicle Title Information System (NVMTIS)	Delay based on American Association of Motor Vehicle Administrators (AAMVA) schedule.	FY 2006 to FY 2007
Maryland Aviation Administration		
Noise Zone Land Acquisition Program	Part 150 Noise Contour Map update required before land acquisitions resume.	FY 2004 to FY 2006
Midfield Complex - New Air Traffic Control Tower For Martin State Airport	Construction start dependent upon approved environmental assessment.	FY 2005 to FY 2007
People Mover System at BWI Airport	Planning delay to address scope re-phasing.	FY 2004 to FY 2005
Maryland Port Administration		
Niche Cargo Warehouse, Shed 6B	Delay of Shed 3B has impacted the construction start of Shed 6B.	FY 2005 to FY 2006
State Highway Administration		
MD 732, Guilford Road; Replace Bridge 13029 over CSX Railroad. (Anne Arundel, Howard)	Delay in acquisition of needed Right-of-Way.	FY 2004 to FY 2005
I-270/Watkins Mill Road Extended; I-270 at Watkins Mill Road extended. (Montgomery)	Delay due to approval of consultant design contract.	FY 2004 to FY 2005

COST & SCOPE CHANGES

In total, one-hundred-sixteen major construction projects experienced significant changes in project cost or scope, for a net increase of \$541.0 million. Eighty-three projects increased in cost by a total of \$381.1 million, while nineteen projects experienced a decrease in cost of \$51.0 million. The scope of fourteen projects changed, which caused a net increase totaling \$225.9 million, while three projects experienced a reduction in scope of \$14.4 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).