



# **Dulles Corridor Metrorail Project**

**MONTHLY COST AND SCHEDULE UPDATE FOR  
PHASE 2 AS OF MARCH 31, 2015**

**MAY 2015**



## Phase 2 Cost Summary

March Expenditures	\$	21.8 Million
Total Expenditures	\$	422.6 Million
Total Budget	\$	2.778 Billion
Total Forecast	\$	2.778 Billion

## Phase 2 Contingency Utilization

<u>Total Contingency</u>	<u>\$ 551.5 Million</u>
Contingency Utilized through February 2015	\$ 20.8 Million
Contingency Utilized in March 2015	\$ 1.2 Million
Total Contingency Utilized through March 2015	\$ 22.0 Million
<u>Remaining Contingency</u>	<u>\$ 529.5 Million</u>

## Phase 2

# March Contingency Utilization

<b>Total Contingency Utilized in March 2015</b>	<b>\$ 1.2 Million</b>
• Mobile devices for design and construction staff	\$ 0.6 Million
• Emergency Trip Stations (ETS) Spacing on Aerial Guideway	\$ 0.4 Million
• Reston Town Center Station South - Design Refinement Investigation	\$ 0.1 Million
• Technical Clarification Herndon Station South Facilities	(\$ 0.2) Million
• Miscellaneous (Items less than 0.1 million)	\$ 0.3 Million

## **Phase 2 Package A Schedule**

- Schedule Change Order No. 66, executed April 2105
- Included 13-month time extension for early design changes
- Revised Substantial Completion date is now August 7, 2019

# Phase 2 Main Alignment Design- Build Activities

## Current

- Project design/field surveys
- Advancement of permits for critical design packages;
  - DP-106 – Laydown area (Airport 2) construction permit ; MWAA Permit issued on April 14, 2015
  - DP 38 – Centerville Rd. Bridge VDOT Permit issued on April 9, 2015
  - DP-27.1 – Elevated Guideway S1 Substructure – MWAA Permit issued on March 25, 2015
- DIAAH median work at Herndon Station for land shifts, barriers and small utility tunnels for utilities
- Small utility tunnels for utilities at Innovation Center Station; and installation of 34.5 kV duct bank
- GSE Building Site - Rough grading area, and started placing sub-base stone for parking lot
- Installation of Horsepen Run bridge girders and floor beams on inbound and outbound bridges
- Water line installation at Airport Station, small utility tunnel operation for storm drainage
- Pour drilled shafts, columns, and pier caps on Dulles Airport property
- Greenway widening at Yard Leads abutment

# Phase 2 Main Alignment Design- Build Activities

## Upcoming

- Civil work at Reston Station: Lane shifts; small utility tunnels for utilities
- Civil work at Herndon Station: Continue Lane shifts; small utility tunnels for Storm drainage
- Centerville Rd. Bridge: support of excavation (SOE)
- Civil work at Innovation Station: 34.5KV ductbank/manhole installation along Rt. 28
- 34.5KV ductbank installation at Airport Station
- Utility relocation work at Piers 67 and 68 on Dulles Airport property
- Pour drilled shafts, columns, and pier caps on Dulles Airport property
- Broad Run bridge abutment median access preparation, SOE installation and abutment foundation work

## **Phase 2**

# **WMATA Rail Yard & Maintenance Facility Design-Build Activities**

### Current

- Site Mobilization 100% design package Accepted as Noted
- Early Civil 90% design package Accepted as Noted
- Project Wide 60% design submission review

### Upcoming

- Final grading, Utilities and Yard Layout 90% design submission
- Structure and Long Lead Item 90% design submission

# **Phase 2 Site Preparation for the WMATA Rail Yard & Maintenance Facility Design-Build Activities**

## Current

- Final Grading and Seeding



**Ronald Reagan Washington National Airport**



**Dulles Corridor Metrorail Project**



**Dulles Toll Road**



**Washington Dulles International Airport**



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**DULLES CORRIDOR METRORAIL PROJECT - PHASE 2**  
**MONTHLY COST SUMMARY**  
**As of March 31, 2015**

Description	Budget Amount <sup>1</sup>	Total Forecast <sup>2</sup>	<u>Expenditures to Date</u>		Contract NTP	Contract Substantial
			Amount	Total Percent c/b		
		b	c	c/b		
<b>DULLES CORRIDOR METRORAIL PROJECT - PHASE 2</b>						
DESIGN-BUILD Package A	1,193,777,000	1,223,320,842	208,005,634	17%	8-Jul-13	7-Jul-18
DESIGN-BUILD Package B + S	273,280,530	263,315,297	19,119,398	7%	18-Nov-13	29-Jun-18
ROW	58,600,000	58,600,000	3,932,370	7%	8-Jul-13	30-Sep-17
WMATA	305,324,718	305,324,718	45,085,228	15%	N/A	2-Jan-19
PRELIMINARY ENGINEERING	75,000,000	75,000,000	71,107,066	95%	15-Jul-09	30-Dec-13
PROJECT MANAGEMENT	320,802,137	323,209,514	75,397,004	23%	N/A	2-Jan-19
CONTINGENCY	551,451,179	529,465,193				
<b>TOTAL FOR DCMP</b>	<b>2,778,235,564</b>	<b>2,778,235,564</b>	<b>422,646,699</b>			

Notes:

- 1 Budget Amount includes contingency as separate line item and does not include finance costs.
- 2 Total Forecast includes funded changes. It does not include finance costs.
- 3 Budget Amount includes commodity escalation of \$20 million for Package A & B+S.



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**DULLES CORRIDOR METRORAIL PROJECT - PHASE 2**  
**CONTINGENCY UTILIZATION**  
As of March 31, 2015

Description	Amount in million (\$)
<b>DULLES CORRIDOR METRORAIL PROJECT - PHASE 2</b>	
Total Contingency	\$ 551.5
Contingency Utilized through February 2015	\$ 20.8
Expended Contingency in March 2015*	\$ 1.2
Total Contingency Utilized through March 2015	\$ 22.0
Remaining Contingency	\$ 529.5

\*See table below for details

Mobile devices for select design and construction staff	\$ 0.6
Emergency Trip Stations (ETS) Spacing on Aerial Guideway	\$ 0.4
Reston Town Center Station South - Design Refinement Investigation	\$ 0.1
Technical Clarification Herndon Station South Facilities	\$ (0.2)
Miscellaneous (Items less than 0.1 million)	\$ 0.3
TOTAL	\$ 1.2



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<b>Airport</b>	<b>Project No</b>	<b>Description</b>	<b>Budget Amount</b>
<b>DULLES CORRIDOR METRORAIL PROJECT - PHASE 2</b>			
<b>DESIGN-BUILD Package A</b>			
DCMP	5401	Package A - Mainline (CRC)	1,177,777,000
DCMP	5406	Commodity Escalation	16,000,000
DCMP	5408	Contingency amount	
DCMP	5408	Secondary mitigation amount	
<b>SUBTOTAL - DESIGN-BUILD Package A</b>			<b>1,193,777,000</b>
<b>DESIGN-BUILD Package B+S</b>			
DCMP	5402	Package B - Yard	269,280,530
DCMP	5402	Package S - Yard Site Preparation	incl above
DCMP	5406	Commodity Escalation	4,000,000
DCMP	5408	Contingency amount	
DCMP	5408	Secondary mitigation amount	
<b>SUBTOTAL - DESIGN-BUILD Package B+S</b>			<b>273,280,530</b>
<b>ROW</b>			
DCMP	5404	Land & Relocation	47,225,000
DCMP	5404	Support Services	11,375,000
DCMP	5408	Contingency	
<b>SUBTOTAL - ROW</b>			<b>58,600,000</b>
<b>WMATA</b>			
DCMP	5405	WMATA Vehicles	205,868,200
DCMP	5405	WMATA other costs	90,205,767
DCMP	5405	WMATA Non Revenue Vehicles	9,250,751
DCMP	5408	Contingency	
<b>SUBTOTAL - WMATA</b>			<b>305,324,718</b>
<b>PRELIMINARY ENGINEERING</b>			
DCMP	5406	PRELIMINARY ENGINEERING	75,000,000
<b>SUBTOTAL - PRELIMINARY ENGINEERING</b>			<b>75,000,000</b>
<b>PROJECT MANAGEMENT</b>			
DCMP	5406	MWAA Staff	34,000,000
DCMP	5406	MWAA Allocated Cost	13,560,000
DCMP	5406	Rent	9,200,000


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<b>Airport</b>	<b>Project No</b>	<b>Description</b>	<b>Budget Amount</b>
DCMP	5406	Relocation, IT, Furniture	2,700,000
DCMP	5406	MWAA ODCs	17,060,000
DCMP	5406	Insurance (OCIP)	49,082,137
DCMP	5406	PMSS	140,000,000
DCMP	5406	VDOT	10,000,000
DCMP	5406	DRC Prof Svcs	2,500,000
DCMP	5406	CTI (Special Inspections)	14,000,000
DCMP	5406	DGS	2,000,000
DCMP	5406	TRIP II	2,000,000
DCMP	5406	Dept of Conservation & Recreation (DCR)	2,000,000
DCMP	5406	MWAA Permits/Inspection	4,000,000
DCMP	5406	Power for System Testing	16,000,000
DCMP	5406	Historical/Archaeologic	2,700,000
DCMP	5408	Contingency	
<b>SUBTOTAL - PROJECT MANAGEMENT</b>			<b>320,802,137</b>
<b>CONTINGENCY</b>			
DCMP	5408	Contingency - Package A	289,067,231
DCMP	5408	Secondary mitigation amount - Package A	0
DCMP	5408	Contingency - Package B	109,006,387
DCMP	5408	Secondary mitigation amount - Package B	0
DCMP	5408	Contingency - ROW	5,860,000
DCMP	5408	Contingency - WMATA	30,532,472
DCMP	5408	Contingency Project Management	116,985,089
<b>SUBTOTAL - CONTINGENCY</b>			<b>551,451,179</b>
<b>TOTAL FOR DCMP - PHASE 2</b>			<b>2,778,235,564</b>