



Dulles Corridor Metrorail Project

PHASE 1

QUARTERLY COST AND SCHEDULE UPDATE
AS OF JULY 31, 2018

SEPTEMBER 2018



DULLES CORRIDOR
METRORAIL PROJECT



Phase 1 Cost Summary

Quarter Expenditures (May, Jun, Jul)	\$	1.1 Million
Total Expenditures (Thru Jul 31, 2018)	\$	2.910 Billion
Forecast at Completion	\$	2.982 Billion



Phase 1 WMATA Cost Summary

\$ in Millions

Description	Quarterly Expenditure (May, Jun & Jul-18)	Total Expenditures through July 2018	Forecast at Completion
WMATA Agreement			
Vehicles	\$0.04	\$152.2	\$192.3
Construction and Procurement	\$0.05	\$22.4	\$24.4
WMATA Force Account Startup	\$0.08	\$23.9	\$30.6
Project Management and Final Design	\$0.21	\$44.5	\$46.6
WMATA Agreement Total	\$0.4	\$243.0	\$293.9



Phase 1 Quarterly Update

- Dulles Transit Partners (Bechtel) Closeout Status
 - Bechtel's subcontractor will complete the pipe cleanout and survey on September 7.
 - Stainless steel sleeve spot remediation will begin September 10.
 - Liner remediation will begin once calculations are approved by VDOT.
 - MWAA is continuing to remedy the remainder of the deficient items via the Phase 1 closeout task order contract.



Phase 1 Quarterly Update

- Closeout of VDOT Comprehensive Agreement
 - There are two categories of work that must be performed: remediation of remaining VDOT facility deficiency items and the Old Meadow Road intersection lane widening.
- Task Order Contract Status
 - Task Orders with Notice To Proceed: 44 issued including Old Meadow Road Design, 32 complete.
 - Upcoming activities include: Chain Bridge Road drainage, Americans with Disabilities Act sidewalk repair, underdrain remediation, and Dulles Connector Road left shoulder resolution.
 - Manhole/structure repair work is underway.
 - Bus turnout remediation is complete.

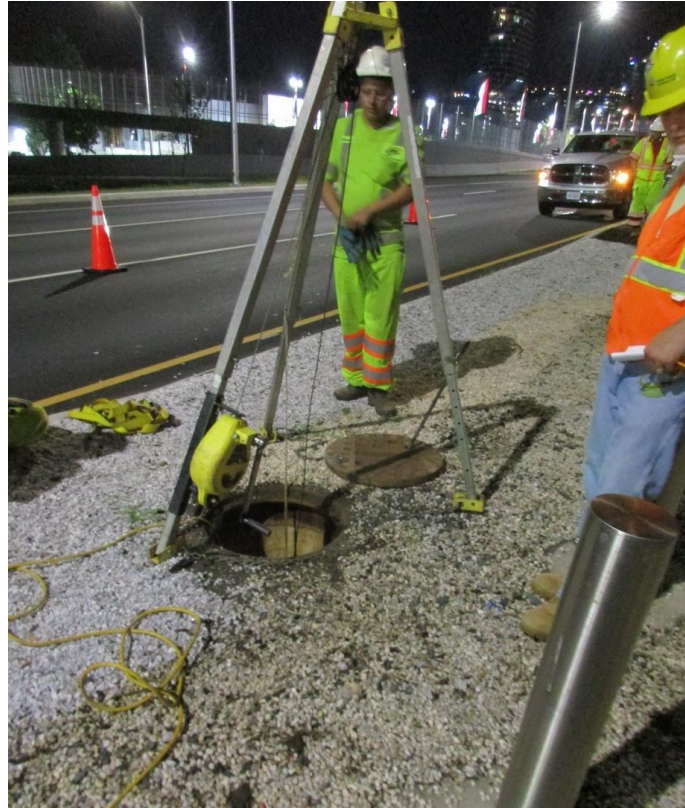


Old Meadow Road Schedule

- The final design is nearing completion for the realignment.
 - Design is continuing from 90%. MWAA is finalizing the design with the input from the utility companies.
- Utility Issues:
 - Numerous utility facilities require minor relocation work, but significant coordination and time effort for management, design and construction.
 - 11 utility agencies/companies are involved.
- Plans Moving Forward:
 - Task order contractor managing utility coordination. Traffic study is complete and under review. Study advises against full closure based on rush hour loading.
 - Begin construction in fall 2018 with an estimated completion in the 4th quarter of 2018.



Survey and Pipe Cleaning Westbound Route 7



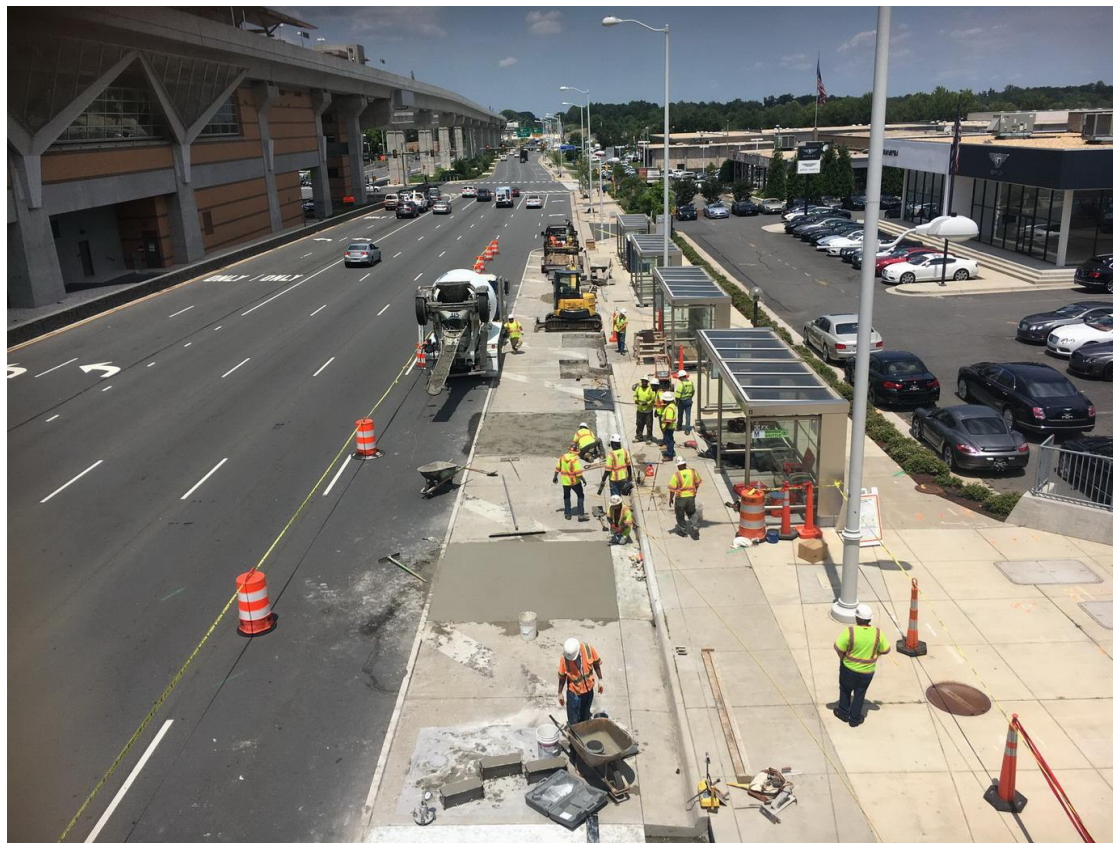


Underdrain Repair at McLean Station





Bus Turnouts at Spring Hill Station Before





Bus Turnouts at Spring Hill Station Today





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DULLES CORRIDOR METRORAIL PROJECT - PHASE 1
MONTHLY COST SUMMARY
 As of July 31, 2018

Description	Budget Authorization	Budget Amount	Total Forecast	Budget Variances		Expenditures to Date		Contract NTP	Contract Substantial
				Amount Over / (Under)	Percent b-a/a	Amount	Total Percent c/b		
	a		b	b-a	b-a/a	c	c/b		
DULLES CORRIDOR METRORAIL PROJECT - PHASE 1									
DESIGN-BUILD	2,051,345,982	1,712,504,539	2,048,638,486	(2,707,496)	-0.1%	2,048,638,486	100%	2-Mar-09	9-Sep-13
UTILITY RELOCATION	178,607,183	129,016,151	176,900,000	(1,707,183)	-1.0%	176,331,266	100%	1-Aug-07	30-Sep-10
ROW	71,709,235	87,215,795	70,806,290	(902,945)	-1.3%	69,376,760	98%	1-Aug-07	28-Feb-10
WMATA	293,901,156	271,635,628	293,901,155	(1)	0.0%	243,034,904	83%	28-Jul-07	8-Dec-13
PRELIMINARY ENGINEERING	100,730,999	100,968,646	100,730,999	0	0.0%	100,730,999	100%	28-Jun-04	30-Jun-08
PROJECT MANAGEMENT	285,418,775	142,109,519	290,736,400	5,317,625	1.9%	271,392,898	93%	n/a	n/a
TOTAL FOR DCMP	2,981,713,330	2,443,450,278	2,981,713,330	0	0.0%	2,909,505,313	98%		

Legend: Black - Forecast within Authorization

Green - Forecast less than 3% over Authorization

Red - Forecast greater than 3% over Authorization



**DULLES CORRIDOR METRORAIL PROJECT - PHASE 1
CONTINGENCY ALLOCATION
As of July 31, 2018**

Description	Amount in million (\$)
DULLES CORRIDOR METRORAIL PROJECT - PHASE 1	
Total Contingency (including additional funding)	\$ 538.3
Total Contingency Allocated through July 2018	\$ 538.3
Remaining Contingency	\$ -



Airport	Project No	Description	Original Budget Amount	Budget Authorization
DULLES CORRIDOR METRORAIL PROJECT - PHASE 1				
DESIGN-BUILD				
DCMP	5101/5103	DTP - FFP	1,185,980,111	1,322,086,717
DCMP	5101/5103	Trackwork Allowance	75,378,042	88,408,431
DCMP	5101/5103	Station Finishes & MEP Allowance	81,953,493	96,120,562
DCMP	5101/5103	WFCY Sound and Box Platforms Allowance	6,686,211	7,842,037
DCMP	5101/5103	Pedestrian Bridges Allowance	12,239,488	14,355,294
DCMP	5101/5103	Site Development Allowance	61,718,153	70,200,426
DCMP	5101/5103	Installation of Public Art Allowance	633,862	743,436
DCMP	5101/5103	Communications and Security Allowance	24,300,826	28,501,641
DCMP	5101/5103	Fire Suppression Allowance	2,667,214	3,128,288
DCMP	5101/5103	Elevators and Escalators Allowance	38,732,282	45,427,822
DCMP	5101/5103	Spare Parts Allowance	5,515,011	6,468,375
DCMP	5101/5103	WFCY S&I Building Allowance	27,613,591	32,387,074
DCMP	5101/5103	Traction Power Supply Allowance	45,594,511	53,393,254
DCMP	5101/5103	ATC Supply Allowance	26,918,598	31,571,940
DCMP	5101/5103	Corrosion & Stray Currents Allowance	1,579,685	1,852,761
DCMP	5101/5103	Contact Rail Allowance	8,431,848	9,889,438
DCMP	5101/5103	Wiehle Parking Garage Allowance (By others)	29,091,684	34,120,681
DCMP	5101/5103	Commodity Index Payments	77,469,926	86,241,691
DCMP	5101/5103	Contingency	220,235,332	
		Adjustment due to Additional Funding 2012		95,036,208
		Adjustment due to Additional Funding 2015		23,569,907
SUBTOTAL - DESIGN-BUILD			1,932,739,867	2,051,345,982
UTILITY RELOCATION				
DCMP	5101/5103	DTP (Lane)	83,310,836	98,449,857
DCMP	5101/5103	Design	2,394,135	2,775,026
DCMP	5101/5103	PM/CM	8,347,544	9,498,307
DCMP	5101/5103	Legal Permit Fee	834,796	923,095
DCMP	5101/5103	TERF	6,502,667	7,137,990
DCMP	5101/5103	Washington Gas Light - Force Account	4,231,456	4,644,877
DCMP	5101/5103	Dominion Power - Force Account	7,410,599	8,134,628
DCMP	5101/5103	Verizon - Force Account	3,418,254	3,752,224
DCMP	5101/5103	ATT Local - Force Account	1,935,438	2,124,534
DCMP	5101/5103	ATTLTD - Force Account	216,276	237,407
DCMP	5101/5103	Verizon Business (MCI) - Force Account	1,761,409	1,933,502
DCMP	5101/5103	FiberLight - Force Account	75,234	82,585
DCMP	5101/5103	Qwest Government - Force Account	1,708,886	1,875,847
DCMP	5101/5103	Qwest Commercial - Force Account	993,153	1,090,186
DCMP	5101/5103	Above Net - Force Account	1,467,478	1,610,853
DCMP	5101/5103	Level 3 Com - Force Account	995,253	1,092,491
DCMP	5101/5103	XO Communication - Force Account	250,922	275,438
DCMP	5101/5103	Cox - Force Account	752,115	825,598
DCMP	5101/5103	Comcast - Force Account	178,697	196,156
DCMP	5101/5103	Fibergate - Force Account	31,512	34,591
DCMP	5101/5103	Time-Warner - Force Account	199,576	219,075
DCMP	5101/5103	FastToll (Qwest Business) - Force Account	220,584	242,135
DCMP	5101/5103	VDOT - Force Account	178,568	196,014



Airport	Project No	Description	Original Budget Amount	Budget Authorization
DCMP	5101/5103	ITS Fiber - Force Account	26,260	28,826
DCMP	5101/5103	UTILITY COMPANIES DESIGN	1,574,500	1,728,332
DCMP	5101/5103	Contingency	20,093,426	
		Adjustment due to Additional Funding 2012		39,130,452
		Adjustment due to Additional Funding 2015		(9,632,843)
SUBTOTAL - UTILITY RELOCATION			149,109,574	178,607,183
ROW				
DCMP	5101/5103	Support Services	8,171,000	8,625,590
DCMP	5101/5103	Land & Relocation	79,044,794	87,639,548
DCMP	5101/5103	Contingency	9,049,345	
		Adjustment due to Additional Funding 2012		(9,496,008)
		Adjustment due to Additional Funding 2015		(15,059,895)
SUBTOTAL - ROW			96,265,139	71,709,235
WMATA				
DCMP	5101	Vehicles	195,138,328	222,863,121
DCMP	5101	Construction and Procurement	31,484,799	35,958,085
DCMP	5101	WMATA Force Account Startup	13,777,100	15,734,518
DCMP	5101	Project Management and Final Design	31,235,400	35,673,251
DCMP	5101/5103	Contingency	38,593,348	
		Adjustment due to Additional Funding 2012		(31,743,347)
		Adjustment due to Additional Funding 2015		15,415,528
SUBTOTAL - WMATA			310,228,975	293,901,156
PRELIMINARY ENGINEERING				
DCMP		PRELIMINARY ENGINEERING	100,968,646	100,968,646
		Adjustment due to Additional Funding 2012		(237,647)
		Adjustment due to Additional Funding 2015		-
SUBTOTAL - PRELIMINARY ENGINEERING			100,968,646	100,730,999
PROJECT MANAGEMENT				
DCMP	5101/5103	MWAA	23,225,715	27,133,777
DCMP	5101/5103	PMSS	88,565,041	103,771,334
DCMP	5101/5103	VDOT	1,439,608	1,686,783
DCMP	5101/5103	OTHERS	28,879,153	33,791,186
DCMP	5101/5103	Contingency	24,273,563	
		Adjustment due to Additional Funding 2012		57,310,061
		Adjustment due to Additional Funding 2015		61,725,634
SUBTOTAL - PROJECT MANAGEMENT			166,383,080	285,418,775
TOTAL FOR DCMP			2,755,695,281	2,981,713,330