

**Dominion Boulevard Improvements Report**  
**For**  
**November - 2016**

**Posted 12-21-16**



## Dominion Boulevard Improvements

AC # 01-6004-05

UPC: 56187

VDOT Project No: (FO) 6017-131-109, PE-101, RW-201,  
C-501, B608, B609, B610, B611, B614, B615, B616, D608,  
&

C-502, B612, B613

FHWA No.: HPP-0017-5(023)



*Cedar Road Interchange NB*

***Status Report as of November 30, 2016***

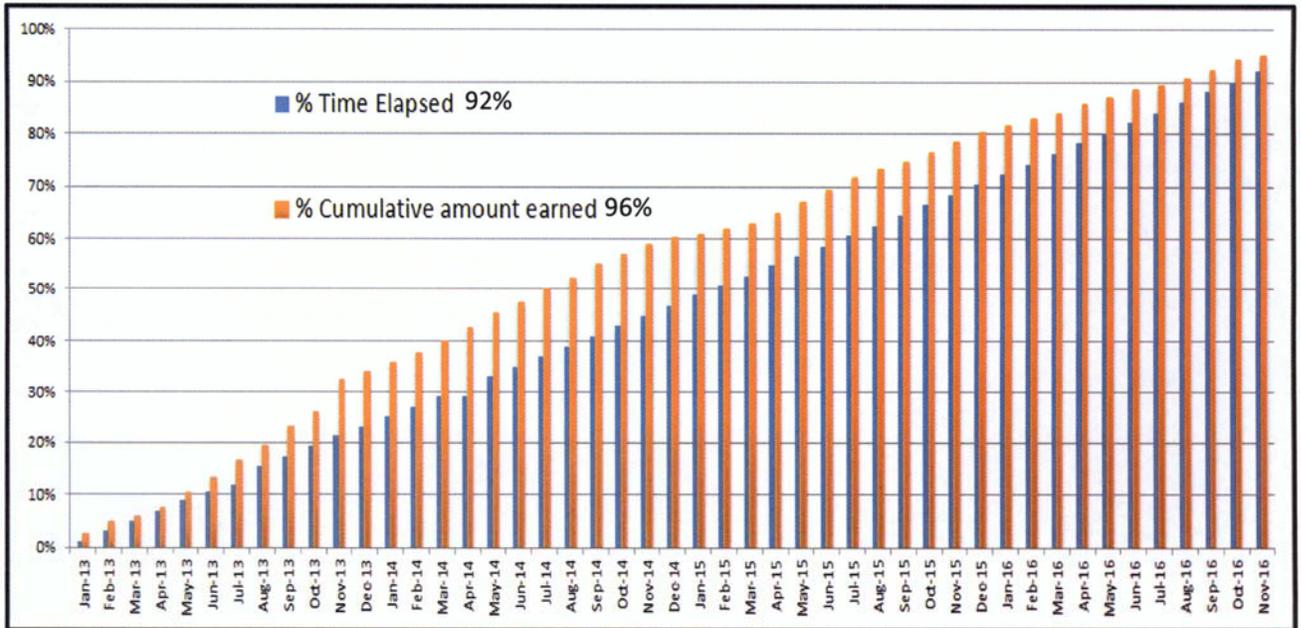
## TABLE OF CONTENTS

1. PROJECT STATUS (Schedule and Budget) .....	1
2. SIGNIFICANT ACCOMPLISHMENTS THIS MONTH (November 1–30, 2016) .....	4
3. PROJECT KEY OPERATION STATUS as of 11/30/2016.....	6
4. ANTICIPATED WORK PLANNED FOR NEXT MONTH (12/01/2016 – 12/31/2016).....	9
5. CHANGE ORDERS AND QUANTITY OVERRUNS.....	8
6. RFI AND SUBMITTAL STATUS.....	11
7. SCHEDULE MILESTONES .....	12
8. ATTACHMENT: Progress Photographs	



**1. PROJECT STATUS (Schedule and Budget)**

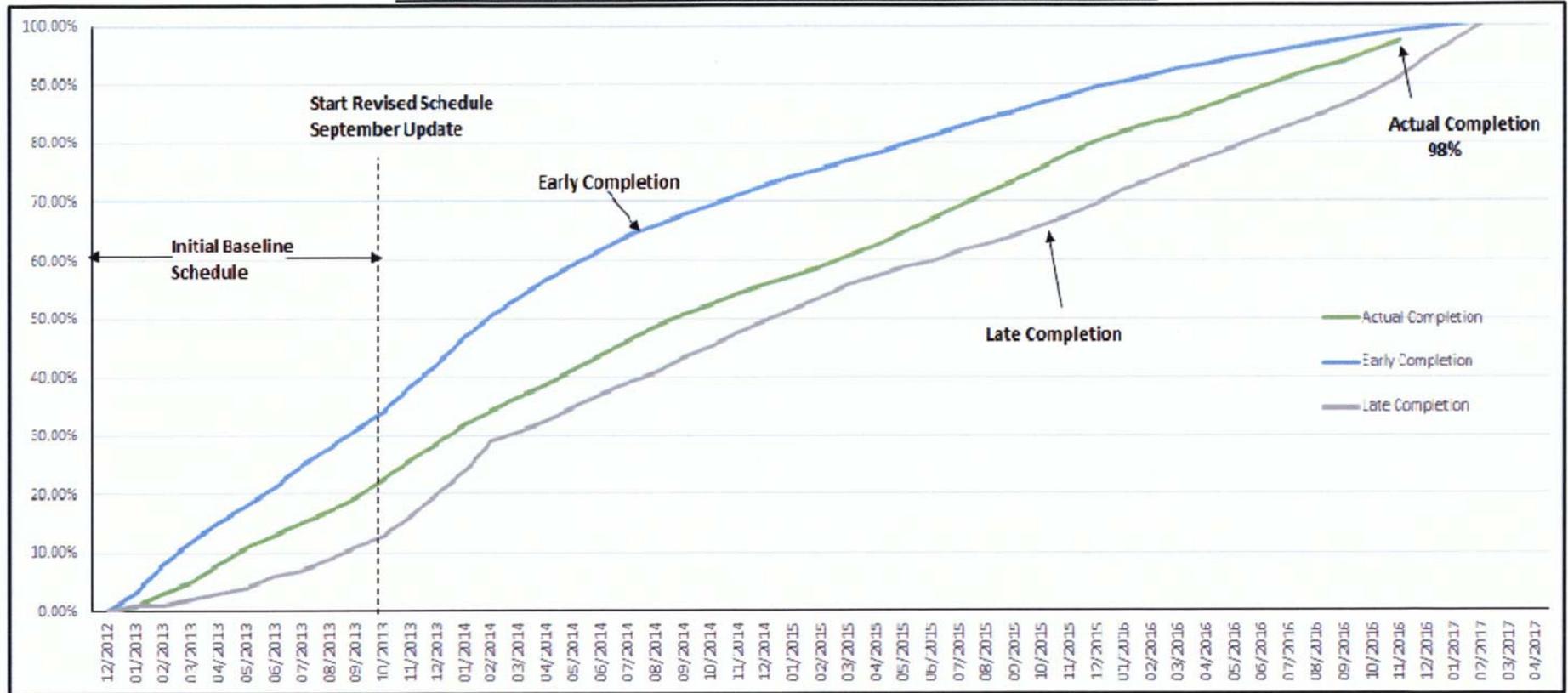
Schedule		Budget	
Contract Type	Fixed Date	Original Contract Value	\$188,070,320
Fixed Contract Completion Date	04/01/2017	Exposure (Pending Change Orders)	\$437,451
Contract Duration (Days)	1,546	Expenditures (Approved Change Orders)	\$7,110,538
Time Extension (Days)	0	Exposure (Projected Quantity Overruns)	\$191,942
Current Contract Duration (Days)	1,546	Expenditures (Actual Quantity Overruns)	\$11,661,120
<b>Notice to Proceed</b>			
Notice to Proceed	01/07/2013	Current Estimated Contract Value	\$207,471,371
First Day of Work	01/07/2013	Amount Paid Prior Periods	\$198,064,687
Contract Days Elapsed	1424	Amount Paid this Period	\$1,741,017
Contract Days Remaining	122	Cumulative Amount Paid	\$199,805,704
Estimated Completion Date	04/01/2017	Value Stock Piled Materials	\$322,576
<b>Total Contract Cost to Date</b>			
		\$200,128,280	
% Contract Work Complete	95%		
% Contract Days Elapsed	92%	% Current Estimated Contract Value Paid (Not Including Stored Materials)	96%
% Contract Time Remaining	8%	% Current Estimated Contract Value Remaining	4%



**Cumulative amount paid vs Time Elapsed (NTP to November 30, 2016)**

**SCHEDULE**

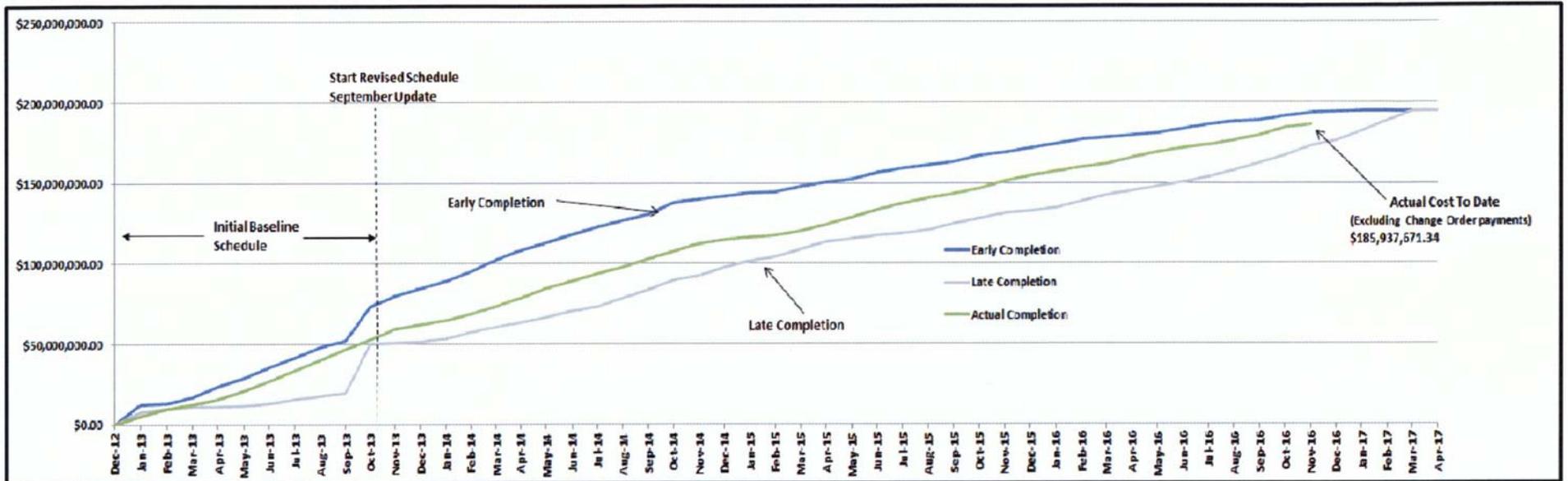
**Actual Percent Work Completed vs. Planned Percent Completed (All Activities)**



As of November 30, 2016

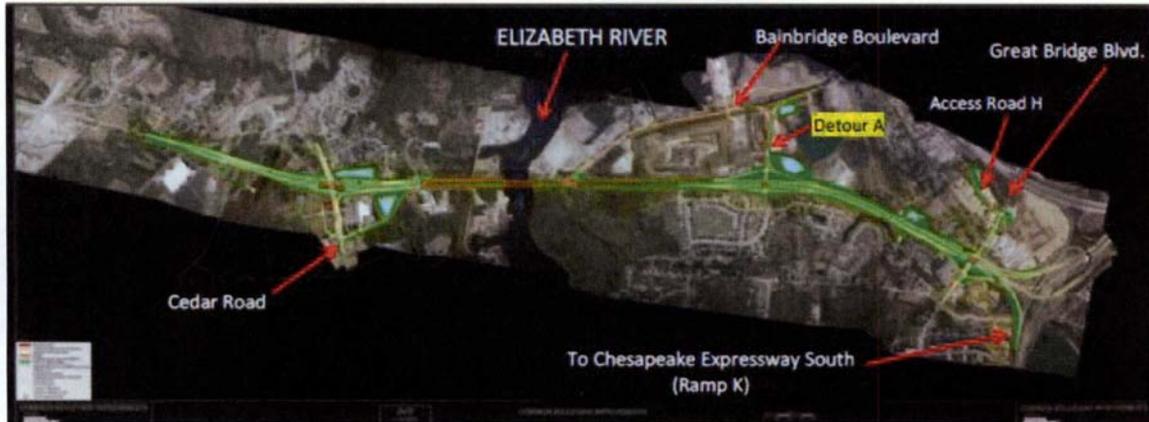
**BUDGET**

**Actual Contract Cost to Date vs. Planned Contract Cost to Date**



As of November 30, 2016

**2. SIGNIFICANT ACCOMPLISHMENTS THIS MONTH (November 1–November 30, 2016)**



Bridge Descriptions	
	<b>B612</b> - Dominion Blvd SB over Cedar Road/Moses Grandy Trail (Completed)
<b>B608</b> - Dominion Blvd SB over Elizabeth River (Completed)	<b>B613</b> - Dominion Blvd NB over Cedar Road/Moses Grandy (Completed)
<b>B609</b> - Dominion Blvd NB over Elizabeth River (Completed)	<b>B614</b> - Dominion Blvd SB over Great Bridge Blvd (Completed)
<b>B610</b> - Dominion Blvd SB over relocated Bainbridge Blvd. (Completed)	<b>B615</b> - Dominion Blvd NB over Great Bridge Blvd (Completed)
<b>B611</b> - Dominion Blvd NB over Dominion Lakes Blvd/Relocated Bainbridge Blvd. (Completed)	<b>B616</b> - Dom. Blvd./Rte. 168 SB Ramp over Great Bridge Blvd. to I-64 Ramp (Completed)

**Prime Contractor**

**DBC Joint Venture:** (McLean Contracting Co, RR Dawson Bridge Co, Bryant Contracting Inc. and EV Williams Inc.)

**Bridge Construction:**

**B609 (Dominion Blvd NB over Elizabeth River) – 100% Complete:**

- Opened to traffic 12/15/2014

**B608 (Dominion Blvd SB over Elizabeth River) – 100% Complete:**

- Opened to traffic 10/29/16

**B616 (Dom. Blvd./Rte. 168 SB Ramp over Great Bridge Blvd. to I-64 Ramp) 100% Complete:**

- Substantially completed Bridge B616 9/29/2014

**B610 and B611 (Dominion Blvd SB and NB over relocated Bainbridge Blvd) – 100% Complete:**

- Opened B611 to traffic 12/15/2014
- Opened B610 to traffic 6/20/2016

**Dominion Boulevard Improvement – City of Chesapeake**

**B612 and B613 (Dominion Blvd SB and NB over Cedar Road/Moses Grandy) - 100% Complete:**

- Opened B612 to traffic 10/29/16 (final configuration)

**B614 and B615 (Dominion Blvd SB and NB over Great Bridge Blvd.) - 100% Complete**

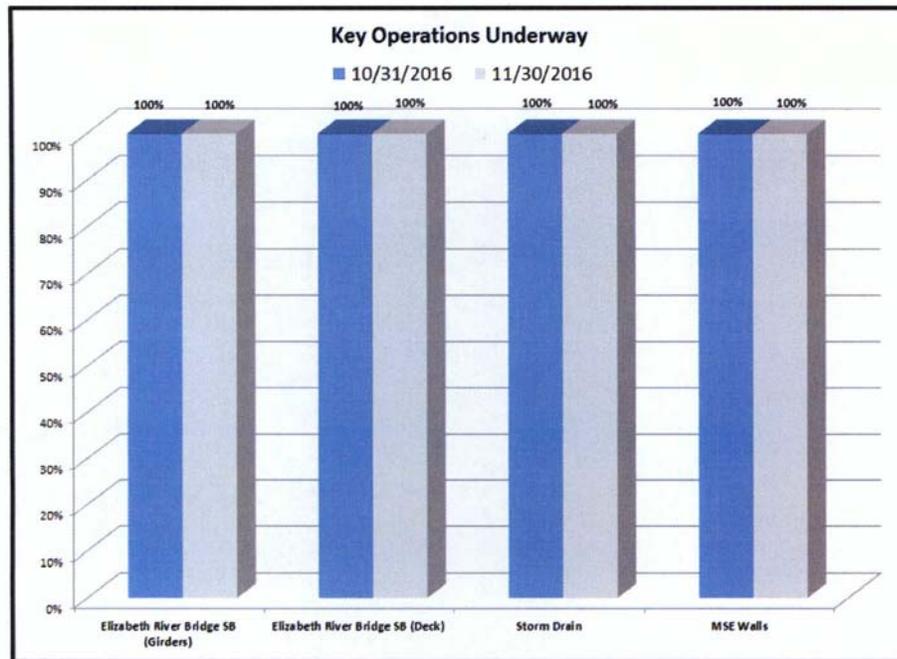
- Opened B614 to traffic 10/23/16
- Opened B615 to traffic 10/26/16

**Roadway Construction (DBC, Inc.):**

- Continued construction of roadway at the north and south ends of the project, including Cedar Road and Great Bridge Boulevard.

**Major Subcontractors**

- **Bissette Construction Corp**
  - Continued placing concrete curb and sidewalk along Cedar Road and Moses Grandy Trail
- **Virginia Sign and Lighting**
  - Continued erecting signs
- **Virginia Paving Co.**
  - Continued paving on Cedar Road/Moses Grandy Trail and Dominion Blvd Mainline
- **Reliance Concrete Contractors**
  - Continued placing concrete for barrier walls and curb at various locations.
- **Kapsch**
  - Began the 30 day tolling system acceptance testing Nov. 2, 2016
- **Emerald Forest Inc.**
  - Began restoration of permitted temporary wetland impact areas



**3. PROJECT KEY OPERATION STATUS as of 11/30/2016**

Key Operations Completed	Month Completed
Elizabeth River Bridge NB (Bent Caps)	Aug-13
Elizabeth River Bridge NB (Piles)	Sep-13
Open Detour A	Oct-13
Elizabeth River Bridge NB (River Footings)	Nov-13
Opened relocated Dom Blvd. at Cedar Road	Jan-14
Partially opened Access A and Access AA	Mar-14
Opened Blake Street	Apr-14
Completed Setting Navigation Span Beams	May-14
Opened permanent intersection for Access A/AA at Cedar Road.	Jun-14
Completed Stage 1 Post-Tensioning for B609 spliced Girders	Jul-14
Completed Dominion Lakes Blvd. entrance	Aug-14
Completed Driving Piles at B610 and B611	Aug-14
Completed Soil Nail Wall construction	Sep-14
Completed B609 Spliced Girder Post Tensioning	Oct-14
Completed Bridge decks for B609	Nov-14
Opened B609 and B611 on Dec. 15th	Dec-14
Completed all Test Piles	Mar-15
Completed all Ground Improvement Piles	Jun-15
Completed installing wick drains	Jun-15
Completed all pile driving operations	Sep-15
Completed placing all concrete bridge footings	Nov-15
Opened B613 on Feb. 3 <sup>rd</sup>	Feb-16
Completed all settlement monitoring	Mar-16
Completed Factory Acceptance Testing for tolling system	Apr-16
Opened B610 for traffic	Jun-16
Opened B608, B614, B615, and B612 for traffic	Oct-16

**4. ANTICIPATED WORK PLANNED FOR NEXT MONTH (12/01/16 – 12/31/16)****DBC Joint Venture**

- Cleanup debris and continue punchlist items
- Complete preparations for final asphalt paving

**Reliance Concrete Contractors Inc.**

- Complete placing curb and gutter at various locations

**Virginia Sign and Lighting**

- Complete installing permanent signs
- Complete installing lighting systems

**Virginia Paving**

- Complete asphalt paving

**Kapsch**

- Complete the 30 day site acceptance testing for the tolling system on Dec. 2<sup>nd</sup>.
- Continue system testing and preparations for tolling activation

**Emerald Forest Inc.**

- Complete restoration of permitted temporary wetland impact areas



**5. CHANGE ORDERS AND QUANTITY OVERRUNS**

Requested Change Orders			
Change Order Number	Scope	Exposure from Change Orders (\$)	Expenditures from Change Orders (\$)
01	Add Flaggers & Portable Changeable Message Signs		\$91,071.25
02	Replace Porous fill with strip drains at MSE Walls		(\$1,444,802.94)
03	Raise B608 & B609 Bridge Footings		(\$810,117.50)
04	Add'l electric service per plan Rev. 1/18/2013		\$139,651.02
05	Add #57 stone to the contract		\$851,600.00
06	Add Trainees to the contract		\$45,000.00
07	2" HDPE Conduit - Bored		\$25,747.68
08	8" Sanitary Force Main Under Wetlands		\$22,601.25
09	B609 Pier 14 Pile Modif.		\$831,940.75
10	Temp. Signal at Bainbridge and Sta. 55+50		\$73,977.55
11	Type D Removable Pavement Markings for Concrete		\$47,400.00
12	Removal of Concrete Barriers (\$12.50/LF)		\$6,000.00
13	Ramp K/MSE Wall 22 Wick Drains		\$305,633.61
14	Demolition/Removal of Existing Sound Wall		\$72,643.23
15	Disposal of Unsuitable Material (base on 140,000 cy)		\$6,025,600.00
16	MSE Walls at Bridge Abutments B610-B615		(\$239,207.30)
17	Delete Aesthetic Treatment		(\$1,838,302.58)
18	4 inch water meters at Great Bridge & Cedar		\$10,772.06
19	Relocation of the Pressure Sensor Telemetry Cabinet; 8/29/2013 Questions to DBC		\$23,457.35
20	Water Meter Vault at DR-1J50-1		\$11,157.98
21	Anti-Graffiti Paint - 8/26 Rec'd DBC's Revised Scope		\$219,823.36
22	16 inch Waterline Repairs at Bainbridge		\$18,116.70
23	Temp. Street lights at Cedar/Dominion Blvd		16,717.73
24	Soil Nail Wall		\$247,184.50
25	12" x 12" x 8" Junction Boxes		\$36,026.55
26	Installation of Leak Detectors Water/Sewer Casings		\$47,359.48
27	New High Mast Light Assembly		\$60,454.18
28	Grass Cutting		\$152,556.48
29	Missing Pay Items: RW2, RW3, Impact Attenuators		\$361,862.19
30	Replace MC-38 Asphalt Curb with Conc. Curb (VEP 07)		-\$39,402.03
31	Remove Existing Sign Structures		\$6,192.66
32	GPS As-Builts of Utilities		\$84,527.20
33	Plan Revision No. 14 Additional Work		\$476,877.44
34	Soil Nail Walls - Additional Work		\$141,766.40
35	Replace existing junction boxes		\$15,192.04
36	Wireless System Coaxial Cable for Traffic Signals		\$22,085.04
37	MSE Wall Redesign		\$318,630.21
38	Conflict Manhole at 4" Sanitary Force Main		\$8,095.62
39	CCW Type D Lighting Control Cabinets		\$125,028.30
40	Bored conduit for Utility Relocations at B614/B615		\$99,564.40
41	Obstruction at 18" Jack and Bore		\$24,795.13
42	VDOT VMS Sign Removal/Reinstall		\$66,935.33
	VMS Conductor Cable (combined with CO 42 VMS Removal)		
43	VEP No. 9 MSE Wall (i.o. RW-3 Wall (Credit)		(\$35,987.69)
44	Temporary Drainage at Detour A		\$17,634.06
45	Additional Restrained Waterline		\$10,793.22
46	Obstructions between Str. 23N-1 and 23N-2		\$19,240.31
47	Additional Work Associated with Revision 10		\$36,767.40
48	24" Waterline tie-in delays at Cedar Road		\$16,731.79
	Additional Cost 16" Waterline Tie-in at River (Combined with CO 48)		
49	Waterline Joint Restraint at Great Bridge Blvd.		\$4,701.38
50	Elec. power for Ped. Tunnel Lighting and High Mast Lighting		\$52,346.60
51	Plan Revision No 12 Add'l Cost Savings Ref. VEP 6		(\$34,893.45)
52	Plan Revision Nos. 19, 19A, and 21		\$7,344.33
53	Plan Revision No. 12 Add'l Wick Drains, Mob, Settlement Plates		\$10,463.63
54	B609 Pier No. 3-8 Rebar Changes to Caps		\$21,025.08
55	18 inch Storm Pipe MSE Wall 6 Str. 10-1 to 10-5		\$23,774.98
56	Payment for Pile Cutoffs		\$20,143.81
57	Plan Rev. Nos. 28 and 29 Parcel Revisions		\$15,538.71
58	VPDES Permit Re-application and Maintenance Fee		\$16,054.34
59	Structure 32-10 Add.		\$8,803.44
60	DMS Post Structure Replacement		\$45,846.75
	VMS Meter Pedestal Ref. Plan Rev. No. 11 (Combined with CO 60)		
61	Plan Rev. 26 Entrance 9N-2; Reloc Sanitary Force Main Ramp CA		\$70,303.02
62	Demo of Parxcel 011 Structures		\$21,694.26
63	Changes to Dominion Lakes Signage	\$34,784.15	
64	Installation of Verizon Vaults and Pedestals	\$61,619.56	
65	Plan Rev. No. 8 8" PVC Sewer	\$11,775.66	
66	Removal of Underground Water Storage Tanks	\$14,410.47	
67	Connection of Existing Sewer Laterals to New, Relocated Sewer Main	\$7,534.44	
68	24" x 6" Reducer for Additional Fire Hydrant	\$3,920.93	
69	Remove/Salvage Existing Signal Equipment	\$32,350.65	
70	Plan Revision No. 15 Additional Work	\$22,694.43	
71	Balance of VEP No. 1	-\$123,810.50	
72	Cedar Rd. Underbridge Traffic Signal Conduits	\$65,928.67	
73	Additional Asbestor Bridge Demo	\$8,457.11	
74	B612 Pier 1 Additional Pile Cost	\$51,460.12	
75	Remove Existing Sign Structures D704 & D14	\$8,214.60	
76	Plan Revision No. 13 Additional Work	\$22,798.44	
77	Plantings along Higginson-Buchannon Property; Add'l Tolling Equipment; Modify Pedestrian Push Buttons	\$215,311.80	
	<b>TOTAL</b>	<b>\$437,450.53</b>	<b>\$7,110,538.29</b>



**Unit Price Item Quantities – Projected and Actual Overruns**

**Unit Price Item Quantity Overruns (Projected Quantity Overruns)**

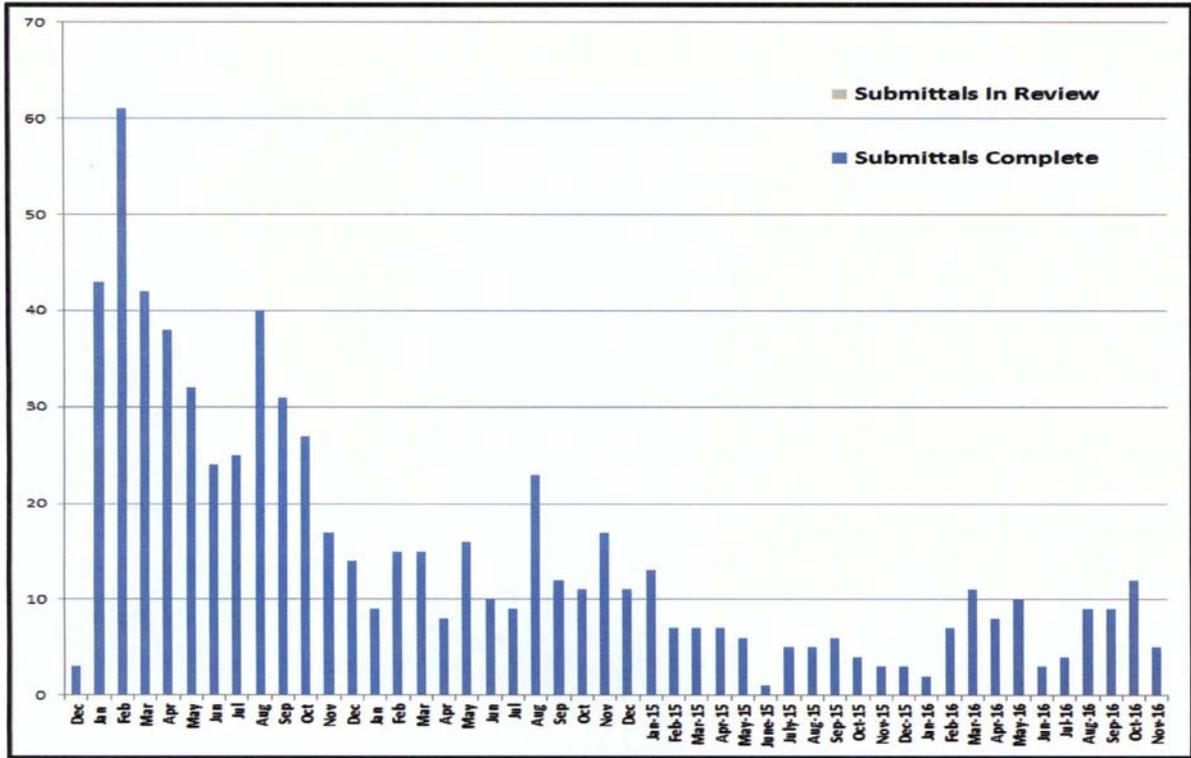
Item Number	Description	Projected Quantity Overrun	Units	Unit Price	Projected Cost Overrun
111	CLEARING AND GRUBBING	28.16	AC	\$ 7,700.00	\$ 216,832.00
120	REGULAR EXCAVATION	44188.62	CY	\$ 29.00	\$ 1,281,452.00
212	MINOR STRUCTURE EXCAVATION BOX CULVERT	1233.83	CY	\$ 35.00	\$ 44,800.00
505	BEDDING MATERIAL AGGR. NO. 25 OR 26	2689.74	TON	\$ 78.50	\$ 219,800.00
27500	GEOTEXTILE FABRIC	26020.98	SY	\$ 6.70	\$ 174,794.09
525	CONCRETE CLASS A3 MISC.	76.55	CY	\$ 2,913.26	\$ 305,892.30
1182	18" CONC. PIPE	498	LF	\$ 57.46	\$ 28,615.08
1242	24" CONC. PIPE	484.11	LF	\$ 76.22	\$ 36,890.48
2192	30" X 19" ELLIPTICAL CONC. PIPE	341	LF	\$ 150.00	\$ 51,150.00
27550	STORMWATER MANAGEMENT DRAINAGE STRUCTURE SWM-1	22.9	LF	\$ 6,232.87	\$ 143,356.01
9148	EROSION CONTROL STONE (CLASS A1), EC-1	923.47	SY	\$ 111.98	\$ 109,516.44
9150	EROSION CONTROL STONE (CLASS I), EC-1	3805.71	SY	\$ 147.48	\$ 561,161.40
85003	UNDERCUT EXC @ TWICE REG EXC	36315.83	CY	\$ 50.00	\$ 1,815,752.50
10636	ASPHALT CONCRETE TY. SM-9.5D	778.6	TON	\$ 75.00	\$ 131,250.00
10128	AGGR. BASE MATL. TY. I NO. 21B	33772.43	TON	\$ 28.23	\$ 953,383.56
10417	TACK COAT	1258.61	GAL	\$ 15.90	\$ 34,662.00
10630	FLEXIBLE PAVEMENT PLANING	43029.83	SY	\$ 2.23	\$ 95,954.67
12940	ENTRANCE GUTTER CG-9D	468.38	SY	\$ 70.73	\$ 33,129.93
13487	MEDIAN BARRIER MB-8A TYPE III	451	LF	\$ 162.83	\$ 129,775.51
22643	FENCE FE-CL	1509	LF	\$ 12.19	\$ 46,322.00
51910	SAW CUT	22238	LF	\$ 2.07	\$ 46,032.66
24703	NS REMOVE EXIST. (PIPE)	2093	LF	\$ 25.94	\$ 54,292.42
9151	EROSION CONTROL STONE, EC-1 (STD. PG-3 TYPE I, CLASS I)	732.23	SY	\$ 83.27	\$ 60,953.64
27321	PROTECTIVE COVERING EC-2	84577.03	SY	\$ 1.35	\$ 116,617.05
13570	NS RETAINING WALL SOIL NAIL	626	SF	\$ 200.04	\$ 125,225.04
13570	NS RETAINING WALL TEMPORARY	12082.3	SF	\$ 30.00	\$ 362,460.00
2093	NS PRE-DRILLING OF WICK DRAINS	944854	LF	\$ 1.85	\$ 1,747,979.91
64808	DRIVING TEST FOR PRESTRESSED CONCRETE PILES 12"	1313	LF	\$ 55.00	\$ 72,215.00
272	SELECT MATERIAL, TYPE I	398.09	CY	\$ 59.57	\$ 33,895.33
27102	REGULAR SEEDING	3554.46	LB	\$ 15.00	\$ 60,810.00
39004	NS TEMPORARY SEEDING	2587	LB	\$ 15.00	\$ 38,805.00
515	TEMPORARY SHEET PILING	6806.43	SF	\$ 25.00	\$ 170,150.00
10065	AGGR. MATL. NO. 1	782.2192	TON	\$ 35.91	\$ 28,081.62
24278	GROUP II CHANNELIZATION DEVICES	343935	DAY	\$ 0.14	\$ 59,787.00
24283	POLICE PATROL	4341.35	HR	\$ 42.40	\$ 217,978.40
54550	CONSTR. PAVE. MARK. (TY. F, CL I) 4"	506702.77	LF	\$ 0.25	\$ 128,775.00
56052	BORED CONDUIT 4"	31261	LF	\$ 32.90	\$ 1,028,486.90
56053	2" PVC CONDUIT	44946	LF	\$ 2.25	\$ 107,842.50
56055	4" PVC CONDUIT	11297	LF	\$ 4.81	\$ 118,600.36
56200	TRENCH EXCAVATION ECI-1	4113	LF	\$ 4.59	\$ 43,439.76
55588	IN-GRADE JUNCTION BOX (JB-S1, S2 OR S3)	47	EA	\$ 1,500.00	\$ 45,000.00
64416	PRESTR. CONCRETE PILES 16"	707	LF	\$ 65.00	\$ 45,955.00
61704	CORROSION RESISTANT REINF. STEEL (Plan Quantity)	17439	LB	\$ 2.00	\$ 34,878.40
64868	DRIVING TEST FOR 24" PRESTR. CONC. PILE	238	LF	\$ 150.00	\$ 35,700.00
64416	PRESTR. CONCRETE PILES 16"	1569	LF	\$ 65.00	\$ 102,035.05
64416	PRESTR. CONCRETE PILES 16"	1578	LF	\$ 65.00	\$ 102,570.00
40081	8" DI WATER MAIN	753.84	LF	\$ 47.74	\$ 35,995.96
41982	NS 4" OFFSET	6	EA	\$ 4,705.65	\$ 28,233.9
44301	NS FURNISH and INSTALL 24" LINSTOP	2	EA	\$ 73,658.52	\$ 147,317.04
38900	NS SALT MARSH CORDGRASS, 2" PLUG	29671	EA	\$ 1.95	\$ 57,858.45
42080	8" DI SAN PIPE	365	LF	\$ 93.51	\$ 34,131.15
	Miscellaneous				\$ 146,469.87
	Total				\$ 11,853,062.38

**Summary Unit Price Item Overruns:**

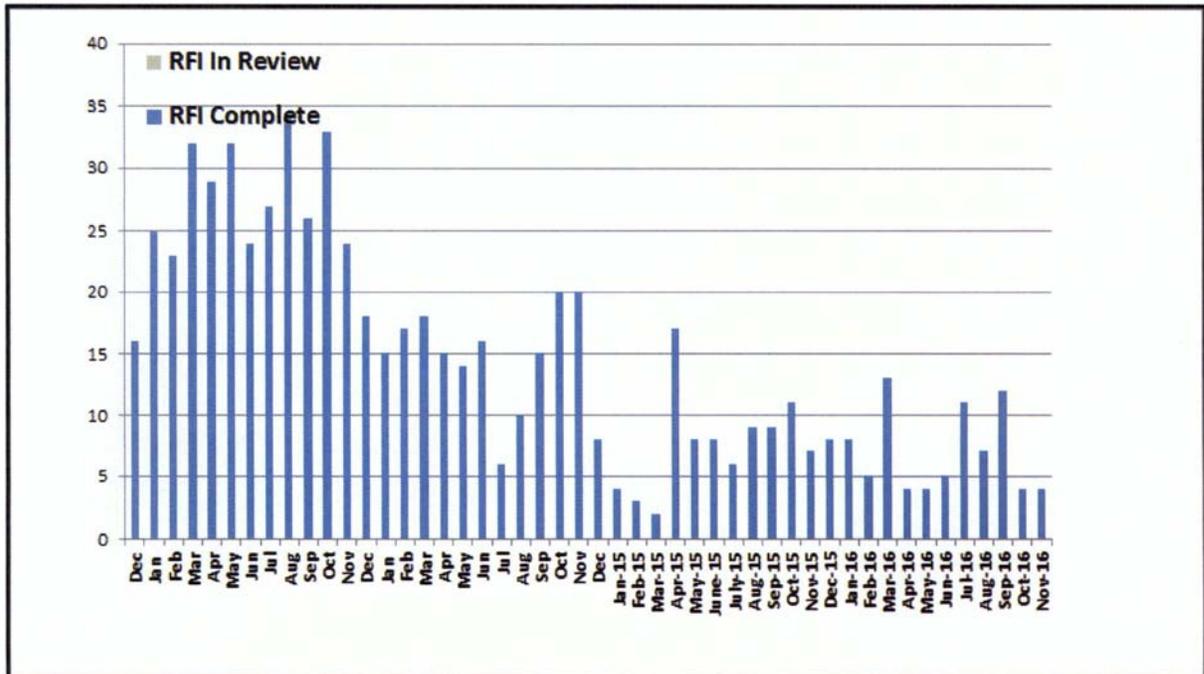
Current Projected Quantity Overruns	\$ 11,853,062.38
Actual Quantity Overruns	<u>\$ 11,661,120.17</u>
Net Projected Quantity Overruns	\$ 191,942.21

Unit Price Item Quantity Overruns (Actual Quantity Overruns)					
Item Number	Description	Actual Quantity Overrun	Units	Unit Price	Actual Cost Overrun
111	CLEARING AND GRUBBING	28.16	AC	\$ 7,700.00	\$ 216,832.00
120	REGULAR EXCAVATION	44188.62	CY	\$ 29.00	\$ 1,281,469.98
212	MINOR STRUCTURE EXCAVATION BOX CULVERT	1233.83	CY	\$ 35.00	\$ 43,184.05
505	BEDDING MATERIAL AGGR. NO. 25 OR 26	2689.74	TON	\$ 78.50	\$ 211,144.59
27500	GEOTEXTILE FABRIC	26020.98	SY	\$ 6.70	\$ 174,340.57
525	CONCRETE CLASS A3 MISC.	79.45	CY	\$ 2,913.26	\$ 231,458.51
1182	18" CONC. PIPE	498	LF	\$ 57.46	\$ 28,615.08
1242	24" CONC. PIPE	484.11	LF	\$ 76.22	\$ 36,898.86
2192	30" X 19" ELLIPTICAL CONC. PIPE	341	LF	\$ 150.00	\$ 51,150.00
27550	STORMWATER MANAGEMENT DRAINAGE STRUCTURE SWM-1	24.1	LF	\$ 6,232.87	\$ 150,212.17
9148	EROSION CONTROL STONE (CLASS A1), EC-1	923.47	SY	\$ 111.98	\$ 103,410.17
9150	EROSION CONTROL STONE (CLASS I), EC-1	3917.48	SY	\$ 147.48	\$ 577,749.95
85003	UNDERCUT EXC @ TWICE REG EXC	36315.83	CY	\$ 50.00	\$ 1,815,791.50
10636	ASPHALT CONCRETE TY. SM-9.5D	776.42	TON	\$ 75.00	\$ 58,231.50
10128	AGGR. BASE MATL. TY. I NO. 21B	34945.53	TON	\$ 28.23	\$ 986,512.31
10417	TACK COAT	8513.75	GAL	\$ 15.90	\$ 135,368.63
10630	FLEXIBLE PAVEMENT PLANING	53584.77	SY	\$ 2.23	\$ 119,494.04
12940	ENTRANCE GUTTER CG-9D	468.38	SY	\$ 70.73	\$ 33,128.52
13487	MEDIAN BARRIER MB-8A TYPE III	451	LF	\$ 162.83	\$ 73,436.33
22643	FENCE FE-CL	1509	LF	\$ 12.19	\$ 18,394.71
51910	SAW CUT	24879	LF	\$ 2.07	\$ 51,499.53
24703	NS REMOVE EXIST. (PIPE)	2093	LF	\$ 25.94	\$ 54,292.42
9151	EROSION CONTROL STONE, EC-1 (STD. PG-3 TYPE I, CLASS I)	1205.1	SY	\$ 83.27	\$ 100,348.68
27321	PROTECTIVE COVERING EC-2	88305.41	SY	\$ 1.35	\$ 119,212.30
13570	NS RETAINING WALL SOIL NAIL	626	SF	\$ 200.04	\$ 125,225.04
13570	NS RETAINING WALL TEMPORARY	12082.3	SF	\$ 30.00	\$ 362,469.00
2093	NS PRE-DRILLING OF WICK DRAINS	944854	LF	\$ 1.85	\$ 1,747,979.90
64808	DRIVING TEST FOR PRESTRESSED CONCRETE PILES 12"	1313	LF	\$ 55.00	\$ 72,215.00
272	SELECT MATERIAL, TYPE I	398.09	CY	\$ 59.57	\$ 23,714.22
27102	REGULAR SEEDING	5114.46	LB	\$ 15.00	\$ 76,716.90
39004	NS TEMPORARY SEEDING	2587	LB	\$ 15.00	\$ 38,805.00
515	TEMPORARY SHEET PILING	6806.43	SF	\$ 25.00	\$ 170,160.75
10065	AGGR. MATL. NO. 1	782.2192	TON	\$ 35.91	\$ 28,089.49
24278	GROUP II CHANNELIZATION DEVICES	374195	DAY	\$ 0.14	\$ 52,387.30
24283	POLICE PATROL	5684.85	HR	\$ 42.40	\$ 241,037.64
54550	CONSTR. PAVE. MARK. (TY. F, CL I) 4"	554965.77	LF	\$ 0.25	\$ 138,741.44
56052	BORED CONDUIT 4"	31261	LF	\$ 32.90	\$ 1,028,486.90
56053	2" PVC CONDUIT	46469	LF	\$ 2.25	\$ 104,555.25
56055	4" PVC CONDUIT	12050	LF	\$ 4.81	\$ 57,960.50
56200	TRENCH EXCAVATION ECI-1	4201	LF	\$ 4.59	\$ 19,282.59
55588	IN-GRADE JUNCTION BOX (JB-S1, S2 OR S3)	51	EA	\$ 1,500.00	\$ 76,500.00
64416	PRESTR. CONCRETE PILES 16"	707	LF	\$ 65.00	\$ 45,955.00
61704	CORROSION RESISTANT REINF. STEEL (Plan Quantity)	17439	LB	\$ 2.00	\$ 34,878.00
64868	DRIVING TEST FOR 24" PRESTR. CONC. PILE	238	LF	\$ 150.00	\$ 35,700.00
64416	PRESTR. CONCRETE PILES 16"	1569	LF	\$ 65.00	\$ 101,985.00
64416	PRESTR. CONCRETE PILES 16"	1578	LF	\$ 65.00	\$ 102,570.00
40081	8" DI WATER MAIN	753.84	LF	\$ 47.74	\$ 35,988.32
41982	NS 4" OFFSET	6	EA	\$ 4,705.65	\$ 28,233.90
44301	NS FURNISH and INSTALL 24" LINSTOP	2	EA	\$ 73,658.52	\$ 147,317.04
38900	NS SALTMARSH CORDGRASS, 2" PLUG	29671	EA	\$ 1.95	\$ 57,858.45
42080	8" DI SAN PIPE	365	LF	\$ 93.51	\$ 34,131.15
	<b>Total</b>				<b>\$ 11,661,120.17</b>

### 6. RFI AND SUBMITTAL STATUS



Total Number of Submittals = 700; Number of Submittals in review = 0;



Total Number of RFI = 686; Number of RFI in review = 0

## 7. SCHEDULE MILESTONES

The contractor submitted CPM schedule Update 41 with a data date of 11/25/2016. Update 41 has the projected completion on January 11, 2017 which is ahead of the contract completion date of April 1, 2017. The following chart summarized the current milestones in DBC's schedule and a comparison of projected Early Finish/Late Finish dates with the October 2016 CPM schedule update.

### Milestones

Activity ID	Activity Name	Status	September 2016 Update 39		October 2016 Update 40		Actual Finish
			Early Finish	Late Finish	Early Finish	Late Finish	
1MS1010	Access Road C Complete	Not Completed	1/23/2017	3/31/2017	11/10/2016	3/31/2017	
1MS1030	Great Bridge Blvd Through Ramps complete	Not Completed	12/21/2016	3/31/2017	10/25/2016	3/31/2017	
2MS1210	ORT Final Acceptance	Not Completed	1/11/2017	3/31/2017	12/23/2016	3/31/2017	
3MS1020	Phase 3 Complete / Cedar Road Mainline	Not Completed	10/18/2016	2/13/2017	11/14/2016	2/13/2017	
3MS1030	Cedar Road/Moses Grandy Complete	Not Completed	10/5/2016	3/31/2017	10/27/2016	3/31/2017	
MS0020	Contract Completion	Not Completed	2/3/2017	3/31/2017	1/11/2017	3/31/2017	
MS1020	Early Completion	Not Completed	9/25/2016	9/22/2016	10/25/2016	9/22/2016	
361EW1200	Station 361 to B614/B615 Complete SB	Completed					10/25/2016
361EW1280	B614/B615 Through Ramps Complete	Completed					10/25/2016
361EW1480	Station 361 to B614/B615 Complete NB	Completed					10/25/2016
608-M8130	Existing Bridge Demolition Complete	Completed					10/25/2016
RKEW4150	Ramp K Complete	Completed					10/25/2016
RLEW1080	Place Traffic on completed Ramp R	Completed					10/25/2016
612-M9000	B612 Complete	Completed					10/29/2016
2MS1170	B-608 Complete	Completed					10/24/2016
ROUT1090	Ramp O Complete	Completed					9/25/2016
2MS1190	Ramp E, F & Bainbridge Blvd. Complete	Completed					9/5/2016
294TS1270	Site Installation Complete	Completed					6/1/2016
294TS1260	Completion of All Pre-Installation Testing	Completed					6/1/2016
1MS1040	B615 Complete	Completed					7/1/2016
1MS1045	B614 Complete	Completed					7/1/2016
613-M9000	B613 Complete	Completed					2/1/2016
GBMS1050	Great Bridge Blvd Phase 1 Complete	Completed					5/27/2016
AHEW1080	Access Road H Complete	Completed					7/26/2013
609-D1010	Clearing and Access Complete	Completed					3/22/2013
RKUT4110	Ramp K Utilities Complete	Completed					6/10/2013
RNEW1000	Ramp N Ground Improvements (Tied to RKEW4050)	Completed					1/10/2014
2MS1100	Shift Traffic To Detour A	Completed					10/6/2013
3MS1000	Traffic to Temp Ramp A & B	Completed					1/25/2014
1MS1020	Bridge B-616 Complete	Completed					9/29/2014
2MS1110	B-609 Complete	Completed					12/15/2014
2MS1120	B-610 Complete	Completed					12/15/2014
2MS1130	B-611 Complete	Completed					12/15/2014
2MS1140	Shift Traffic to B-609	Completed					12/15/2014
2MS1150	Ramp H Complete	Completed					12/15/2014
2MS1160	Ramp G Complete	Completed					12/15/2014
334EW1170	Ramp G, to Box Culvert Complete	Completed					12/15/2014
RLEW1230	Ramp L Under K Complete	Completed					12/15/2014
361EW1650	609 Abutment B through Ramp H Complete	Completed					12/15/2014
1MS1120	Ramps P & J Complete	Completed					12/2/2014
1MS1130	Ramp I Complete	Completed					12/15/2014
1MS1140	Ramp M Complete	Completed					12/13/2014
1MS1110	Ramp N Complete	Completed					12/15/2014
1MS1150	Shift Traffic to Phase 2 (Ramps I, L, M, P & under K Complete)	Completed					12/15/2014
3MS1011	Ramps C & D Available for B-609 traffic	Completed					2/4/2016

## 8. ATTACHMENT: Progress Photographs

Reviewed by: \_\_\_\_\_  
Mike Prezioso, PE, CCM, MBP

cc: Kevin Lundgren, PE, City of Chesapeake

**Attachment: Progress Photos**



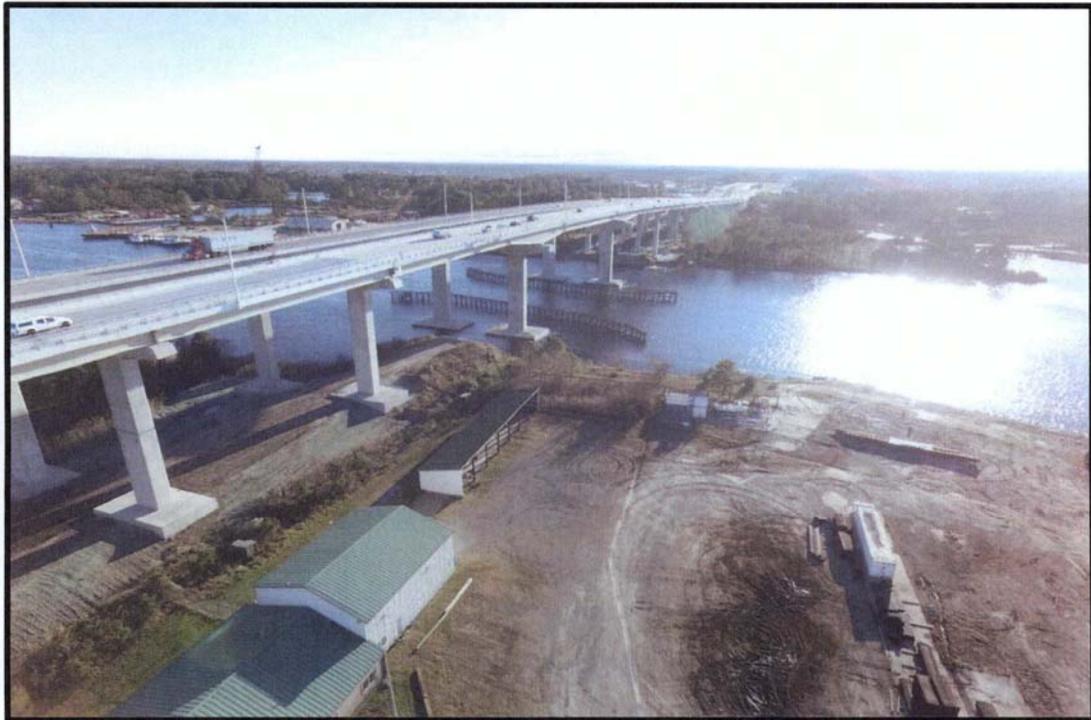
12/09/2016 B608 and B609



12/09/2016 Cedar Road Intersection



12/09/2016 Dominion Blvd SB



12/09/2016 Dominion Blvd SB



12/09/2016 B608 and B609