

Dominion Boulevard Construction Report
For
September – 2014

Posted 10-24-14

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)



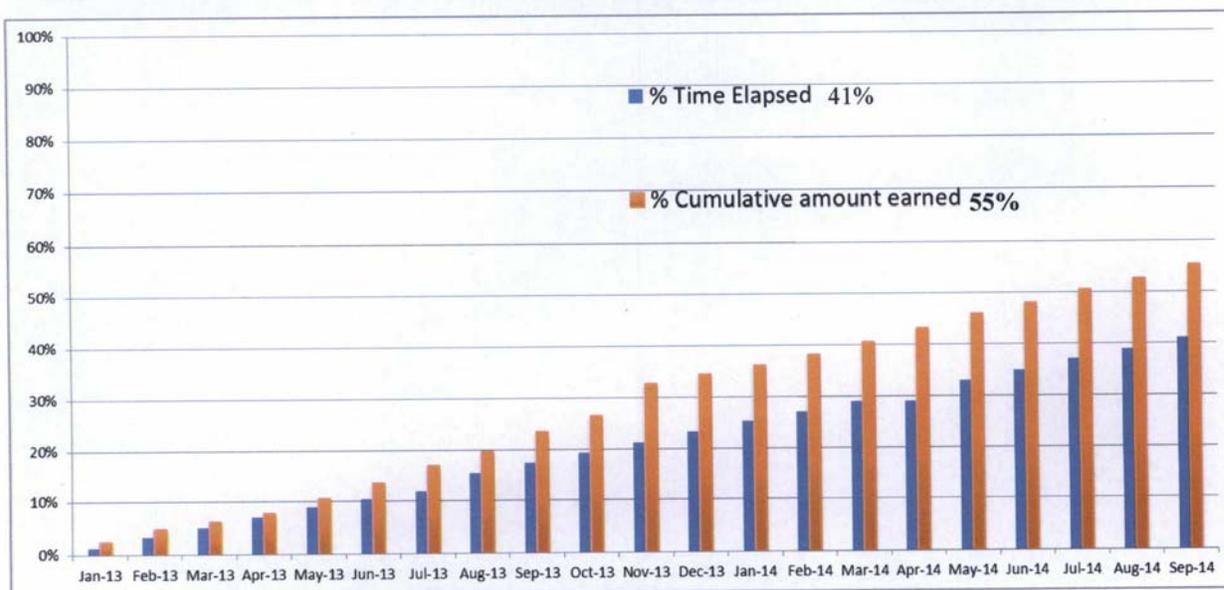
Status Report as of September 30, 2014

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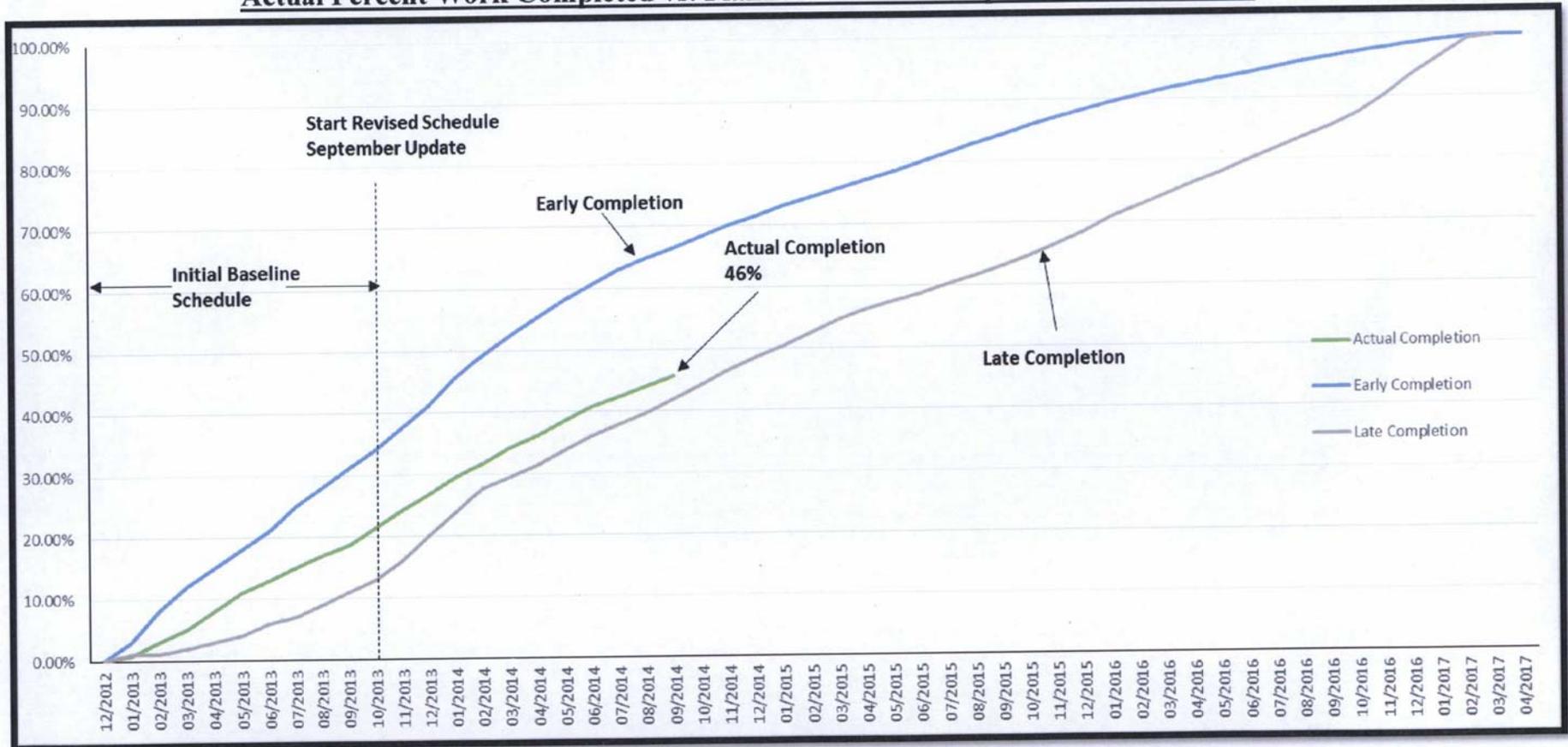
PROJECT STATUS (Schedule and Budget)

Schedule		Budget	
Contract Type	Fixed Date	Original Contract Value	\$ 188,070,320
Fixed Contract Completion Date	04/01/2017	Exposure (Pending Change Orders)	\$ 2,007,419
Contract Duration (Days)	1,546	Expenditures (Approved Change Orders)	\$ 5,411,925
Time Extension (Days)	0	Exposure (Projected Quantity Overruns)	\$ 1,671,023
Current Contract Duration (Days)	1,546	Expenditures (Actual Quantity Overruns)	\$ 7,827,466
		11/26/13 Council Resolution-Scope Mod	\$ 3,000,000
Notice to Proceed	01/07/2013	Current Estimated Contract Value	\$ 207,988,153
First Day of Work	01/07/2013	Amount Paid Prior Periods	\$ 109,408,984
Contract Days Elapsed	632	Amount Paid this Period	\$ 4,922,116
Contract Days Remaining	914	Cumulative Amount Paid	\$ 114,331,100
Estimated Completion Date	04/01/2017	Value Stock Piled Materials	\$ 11,173,572
		Total Contract Cost to Date	\$ 125,504,672
% Contract Work Complete	46%		
% Contract Days Elapsed	41%	% Current Estimated Contract Value Paid (Not Including Stored Materials)	55%
% Contract Time Remaining	59%	% Current Estimated Contract Value Remaining	45%



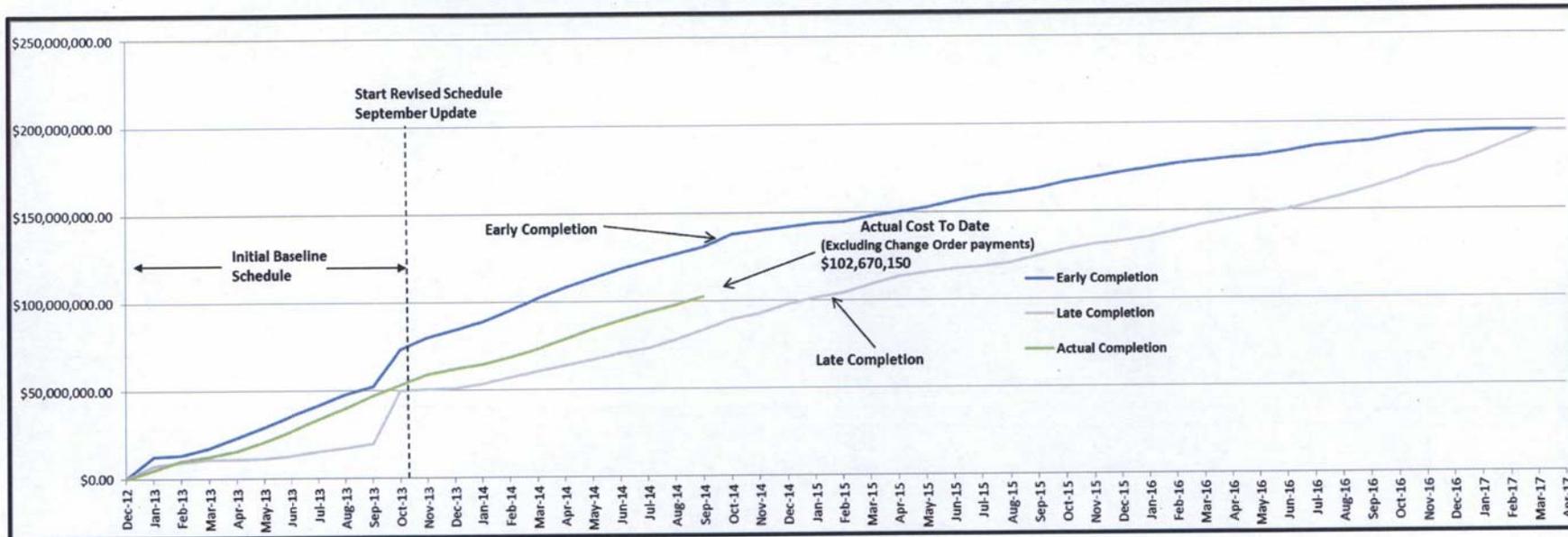
Cumulative amount paid vs Time Elapsed (NTP to September 30, 2014)

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



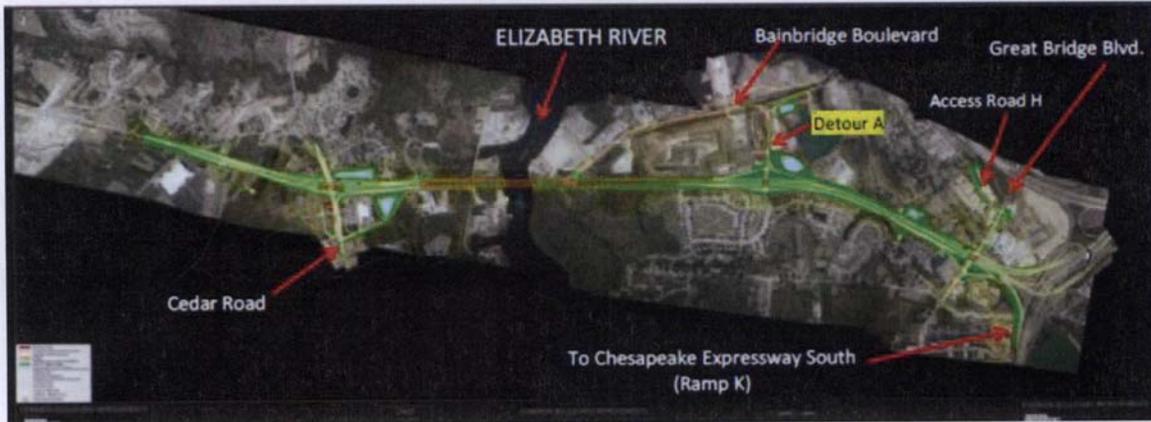
As of September 30, 2014

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



As of September 30, 2014

SIGNIFICANT ACCOMPLISHMENTS THIS MONTH (Sept. 1–Sept. 30, 2014)



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

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) - *Approximately 87% Complete:*

- Continued bridge deck concrete placement north and south of the river (Completed 36 of 42 spans)
- Continued installing bridge railing and parapet
- Completed installation of tooth dams at expansion piers
- Continued B608/B609 shared fender system (completed 31 of 96 steel HP piles)
- Began placing of concrete for bridge approach slab
- Began second phase post tensioning of navigation span girders
- (See Attached Progress Photos)

B608 (Dominion Blvd SB over Elizabeth River) – *Approximately 24% Complete:*

- Continued placing concrete for footings, columns and caps
- Continued installing girders on bent caps
- Completed placing concrete for north abutment cap

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

- Completed placing concrete for concrete parapets
- Substantially completed bridge B616

**B610 and B611 (Dominion Blvd SB and NB over relocated Bainbridge Blvd) –Approximately
65% Complete**

- Continued preparations for deck formwork for B610
- Completed placing concrete bridge deck for B611

**B612 and B613 (Dominion Blvd SB and NB over Cedar Rd/Moses Grandy) - Approximately
30% Complete:**

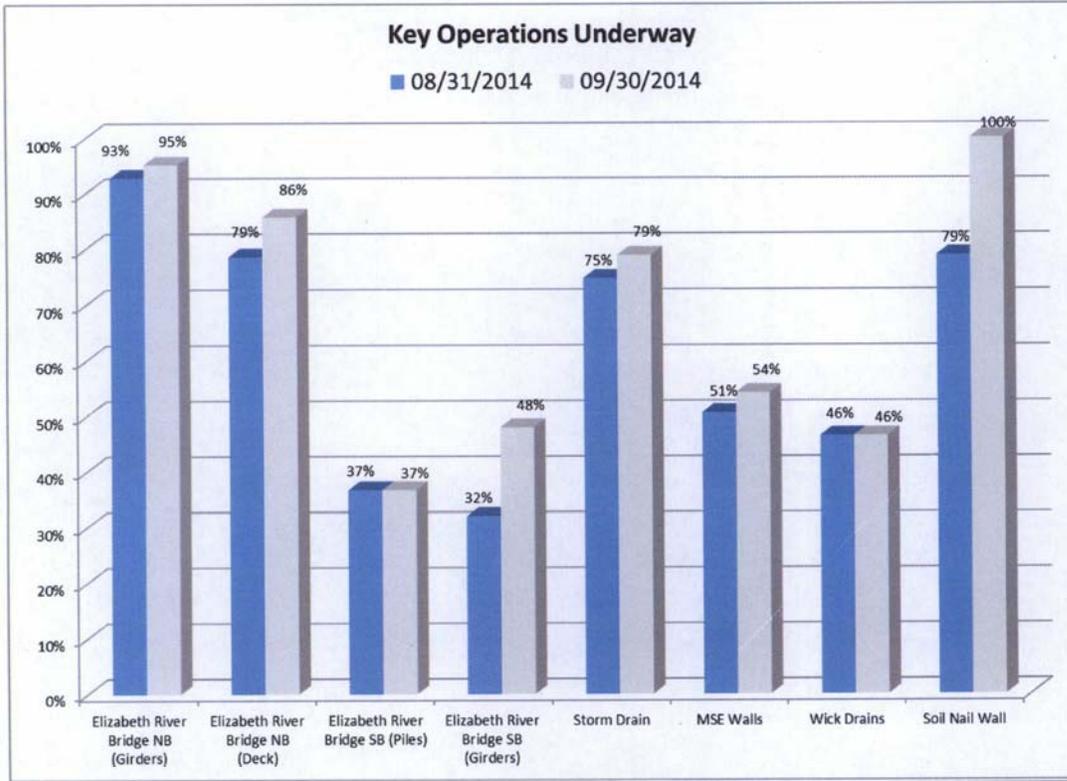
- Continued formwork for pier and caps
- Continued placing concrete for piers and pier cap

Roadway Construction (DBC, Inc):

- Continued installation of storm drainage system at various locations
- Continued construction of remaining Stormwater Management Basin: SWM 1
- Continued monitoring advanced settlement from surcharges, completed at several locations.
- Continued construction of ramps at north end of project
- Completed grading operations at Ramp G and Ramp H
- Completed placement of Cement Treated Aggregate (CTA) on Ramp M

Major Subcontractors

- **Bissette Construction Corp**
 - Continued installation of storm drain systems south of Elizabeth River at various locations
- **Roche Brothers**
 - Continued installing MSE Wall Panels at B610, B611, B612 and B613 Abutments.
- **Virginia Sign and Lighting**
 - Continued placing conduit at various MSE Walls
 - Continued placing lighting conduits at Dominion Lakes
- **Virginia Paving Co**
 - Began Placing Stabilized Open Graded Drainage Layer
- **Uretex ICR Mid- Atlantic**
 - Completed construction of Soil Nail Walls at Ramp P, Ramp J, and Ramp L.
- **Reliance Concrete Contractors**
 - Continued placing concrete for leveling course and moment slab at MSE Walls 12,15, & 22
 - Completed placing concrete for curb at various locations on the project.
- **Lasting Coastline Inc**
 - Continued setting concrete barrier walls on various MSE Walls



Project Key Operation Status as of 09/30/2014

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 Rd.	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

MAINTENANCE OF TRAFFIC

Lane Closures

- Various temporary lane closures throughout project including night-time closures to minimize impacts to motorists
- Detour A is in place to divert Dominion Blvd traffic and enable start of B608 construction



Detour A (Relocated Bainbridge) completed:
(Arrows show temp. traffic pattern for Dominion Blvd.)

- Ramp P (Rte. 168 N Exit 15B to Dominion Blvd S) remains closed for road widening per plans. Traffic is being detoured using a double loop at Exit 1 (Rte 464) to Rte 168 S Exit 15B.



Detour Route for Ramp P Closure

- Traffic on Dominion Blvd. remains shifted slightly to a temporary roadway at Moses Grandy to enable construction of B612 and B613 to begin.
- Opened Dominion Lakes Blvd. and Dominion Blvd. intersection on August 29th, 2014

ANTICIPATED WORK PLANNED FOR NEXT MONTH (10/01/14 – 10/31/14)**DBC Joint Venture**

- B609 (Dominion Blvd. NB Bridge over Elizabeth River)
 - Complete installing all precast concrete girders
 - Complete forming and concrete placement for the navigation span
 - Complete second phase post tensioning of navigation span girders
- B608 (Dominion Blvd. SB Bridge over Elizabeth River)
 - Continue concrete placements for pier caps, columns and footings
 - Continue installing girders at pier caps and begin deck construction
- B616 (Dom. Blvd./Rte. 168 SB Ramp over Great Bridge Blvd. to I-64 Ramp)
 - Completed
- B610 and B611 (Dominion Blvd SB and NB over relocated Bainbridge Blvd)
 - Complete concrete placement for B610 bridge deck
- B612 and B613 (Dominion Blvd SB and NB over Cedar Rd/ Moses Grandy)
 - Continue concrete placement for pier footers, columns and caps
- Continue installation of storm drainage systems at various locations
- Continue construction of new Dominion Blvd. including MSE walls for ramps at various locations
- Continue placing cement treated aggregate and preparations for asphalt on Dominion Blvd main line

Hampton Roads Utilities

- Complete tie-ins for water services to new relocated water lines

Roche Brothers

- Continue installation of MSE Walls at B609, B612 and B613 Abutments

Reliance Concrete Contractors Inc

- Continue installing moment slab and leveling course at various MSE Walls
- Continue placing curb at various locations

Virginia Sign and Lighting

- Continue installing temporary and permanent signals at Great Bridge Blvd.
- Continue installing lighting system on B609

Virginia Paving

- Continue placing asphalt for permanent ramps and roadway at various locations.



Change Orders

Dominion Boulevard Improvements - Exposure Summary as of September 30, 2014			
Requested Change Orders			10/10/2014 Updated
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 1 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		(\$239,207.90)
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	\$335,851.60	
(TBD)	VDOT VMS Sign Removal/Reinstall	\$47,883.33	
(TBD)	Structure 32-10 Add.	\$8,929.89	
(TBD)	Plan Rev. No. 8 8" PVC Sewer	\$16,808.21	
(TBD)	Removal of Underground Water Storage Tanks	\$15,065.49	
(TBD)	Installation of Verizon Vaults and Pedestals	\$64,255.85	
(TBD)	24" x 6" Reducer for Additional Fire Hydrant	\$4,172.63	
(TBD)	Obstruction at 18" Jack and Bore	\$67,865.38	
(TBD)	Connection of Existing Sewer Laterals to New, Relocated Sewer Main	\$18,061.62	
(TBD)	Additional Work Associated with Revision 10	\$6,570.40	
(TBD)	Obstructions between Str. 23N-1 and 23N-2	\$23,114.87	
(TBD)	Additional Restrained Waterline	\$10,793.22	
(TBD)	CCW Type D Lighting Control Cabinets	\$150,513.73	
(TBD)	Plan Revision No 12 Added Wick Drains/Survey	\$35,593.37	
(TBD)	Temporary Drainage at Detour A	\$17,634.06	
(TBD)	Waterline Joint Restraint at Great Bridge Blvd.	\$4,701.38	
(TBD)	VMS Conductor Cable	\$19,502.00	
(TBD)	Remove/Salvage Existing Signal Equipment	\$39,115.32	
(TBD)	Plan Revision No. 13 Additional Work	\$19,456.14	
(TBD)	24" Waterline tie-in delays at Cedar Road	\$8,114.82	
(TBD)	B609 Pier No. 3-8 Rebar Changes to Caps	\$21,753.35	
(TBD)	Plan Revision No. 15 Additional Work	\$29,528.83	
(TBD)	VPDES Permit Re-application and Maintenance Fee	\$16,054.35	
(TBD)	Optional Tolling Interoperability Functionality	\$310,626.13	
(TBD)	Remove Existing Sign Structures D704 & D14	\$8,214.60	
NA	RESIGNED: Sewer Force Main Offset Blake/GBB		\$0.00
NA	RESIGNED: Utilities at 18" HRSD (Sta. 22+50 to Sta. 23+00)		\$0.00
NA	RESIGNED: Installation of F-Shaped Conc. Barrier		\$0.00
NA	RESIGNED: Per RFI 191 - Storm Drain		\$0.00
NA	RESIGNED: Relocate HRSD Leak Detector Conflict		\$0.00
NA	RESIGNED: Storm Drain Adjustments		\$0.00
	TOTAL	\$2,007,419.32	\$5,411,924.58
			Contract Addition



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	39543.59	CY	\$ 29.00	\$ 1,146,764.11
212	MINOR STRUCTURE EXCAVATION BOX CULVERT	1280	CY	\$ 35.00	\$ 44,800.00
505	BEDDING MATERIAL AGGR. NO. 25 OR 26	2700	TON	\$ 78.50	\$ 211,950.00
27500	GEOTEXTILE FABRIC	21010	SY	\$ 6.70	\$ 140,767.00
525	CONCRETE CLASS A3 MISC.	59	CY	\$ 2,913.26	\$ 171,882.34
27550	STORMWATER MANAGEMENT DRAINAGE STRUCTURE SWM-1	22	LF	\$ 6,232.87	\$ 137,123.14
9148	EROSION CONTROL STONE (CLASS A1), EC-1	978	SY	\$ 111.98	\$ 109,516.44
9150	EROSION CONTROL STONE (CLASS I), EC-1	3500	SY	\$ 147.48	\$ 516,180.00
85003	UNDERCUT EXC @ TWICE REG EXC	34440.43	CY	\$ 50.00	\$ 1,722,021.50
10636	ASPHALT CONCRETE TY. SM-9.5D	1750	TON	\$ 75.00	\$ 131,250.00
22643	FENCE FE-CL	3800	LF	\$ 12.19	\$ 46,322.00
27321	PROTECTIVE COVERING EC-2	80583	SY	\$ 1.35	\$ 108,787.05
13570	NS RETAINING WALL MSE	5000	SF	\$ 56.37	\$ 281,850.00
13570	NS RETAINING WALL TEMPORARY	7100	SF	\$ 30.00	\$ 213,000.00
2093	NS PRE-DRILLING OF WICK DRAINS	851,250.73	LF	\$ 1.85	\$ 1,574,813.84
515	TEMPORARY SHEET PILING	10000	SF	\$ 25.00	\$ 250,000.00
10065	AGGR. MATL. NO. 1	1000	TON	\$ 35.91	\$ 35,910.00
24283	POLICE PATROL	1200	HR	\$ 42.40	\$ 50,880.00
56052	BORED CONDUIT 4"	31580	LF	\$ 32.90	\$ 1,038,982.00
56053	2" PVC CONDUIT	36330	LF	\$ 2.25	\$ 81,742.50
56055	4" PVC CONDUIT	12393.04	LF	\$ 4.81	\$ 59,610.52
64424	PRESTR. CONCRETE PILES 24"	400.6	LF	\$ 80.00	\$ 32,048.00
64868	DRIVING TEST FOR 24" PRESTR. CONC. PILE	237	LF	\$ 150.00	\$ 35,550.00
64416	PRESTR. CONCRETE PILES 16"	770.77	LF	\$ 65.00	\$ 50,100.05
40081	8" DI WATER MAIN	1220	LF	\$ 47.74	\$ 58,242.80
42080	8" PVC SAN PIPE	269.35	LF	\$ 157.15	\$ 42,328.35
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 SALT MARSH CORDGRASS, 2" PLUG	20320	EA	\$ 1.95	\$ 39,624.00
42080	8" DI SAN PIPE	365	LF	\$ 93.51	\$ 34,131.15
	Miscellaneous				\$ 739,928.85
	Total				\$ 9,498,488.59

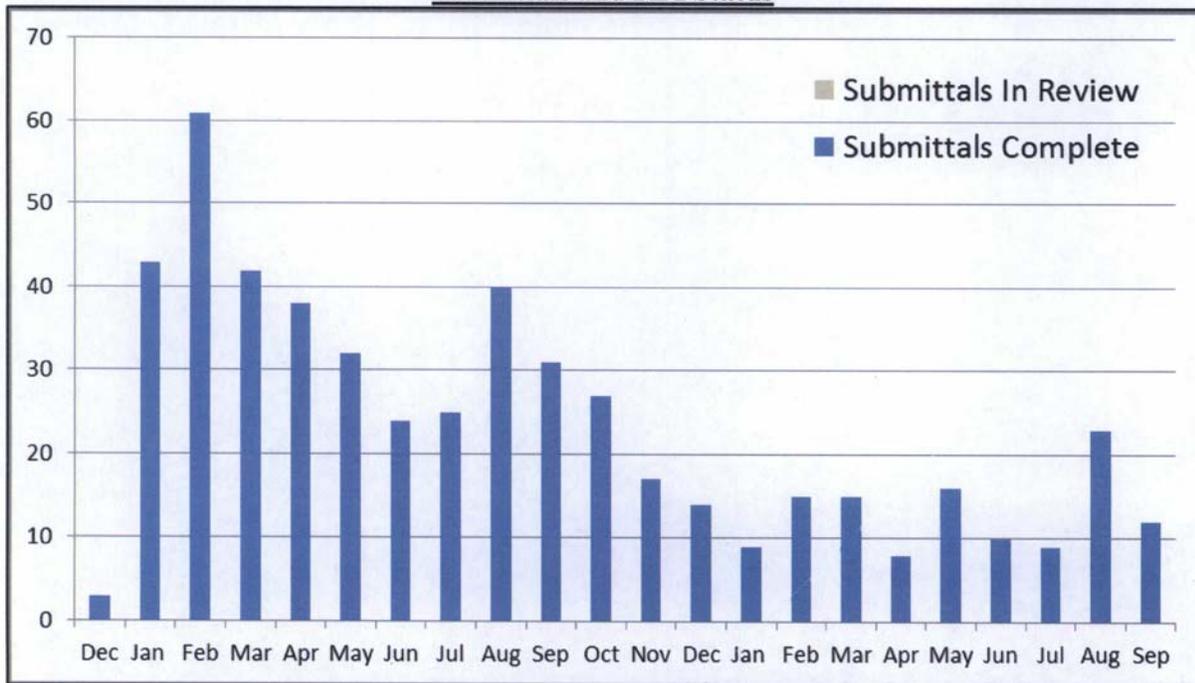


Unit Price Item Quantity Overruns (Actual Quantity Overruns)					
Item Number	Description	Actual Quantity Overrun	Units	Unit Price	Actual Cost Overrun
111	CLEARING AND GRUBBING	28.16	AC	\$7,700.00	\$ 216,832.00
120	REGULAR EXCAVATION	39835.99	CY	\$29.00	\$ 1,155,243.71
212	MINOR STRUCTURE EXCAVATION BOX CULVERT	1182.83	CY	\$35.00	\$ 41,399.05
505	BEDDING MATERIAL AGGR. NO. 25 OR 26	2509.3	TON	\$78.50	\$ 196,980.05
27500	GEOTEXTILE FABRIC	20974.42	SY	\$6.70	\$ 140,528.61
525	CONCRETE CLASS A3 MISC.	36.81	CY	\$2,913.26	\$ 107,237.10
1482	48" CONC. PIPE	102.9	LF	\$208.18	\$ 21,421.72
2292	45" X 29" ELLIPTICAL CONC. PIPE	48	LF	\$252.39	\$ 12,114.72
27550	STORMWATER MANAGEMENT DRAINAGE STRUCTURE SWM-1	13.3	LF	\$6,232.87	\$ 82,897.17
9148	EROSION CONTROL STONE (CLASS A1), EC-1	765.23	SY	\$111.98	\$ 85,690.46
9150	EROSION CONTROL STONE (CLASS I), EC-1	3006.23	SY	\$147.48	\$ 443,358.80
85003	UNDERCUT EXC @ TWICE REG EXC	34376.81	CY	\$50.00	\$ 1,718,840.50
10417	TACK COAT	1597.19	GAL	\$15.90	\$ 25,395.32
24602	REMOVE EXISTING (FENCE)	6771	LF	\$3.18	\$ 21,531.78
51910	SAW CUT	5732	LF	\$2.07	\$ 11,865.24
27321	PROTECTIVE COVERING EC-2	75603.72	SY	\$1.35	\$ 102,065.02
13570	NS RETAINING WALL TEMPORARY	5736.1	SF	\$30.00	\$ 172,083.00
2093	NS PRE-DRILLING OF WICK DRAINS	622209	LF	\$1.85	\$ 1,151,086.65
64808	DRIVING TEST FOR PRESTRESSED CONCRETE PILES 12"	464	LF	\$55.00	\$ 25,520.00
27410	CHECK DAM, ROCK-TYPE I	31	EA	\$370.67	\$ 11,490.77
27526	TURBIDITY CURTAIN, IMPERVIOUS	1226	LF	\$18.02	\$ 22,092.52
515	TEMPORARY SHEET PILING	6106.43	SF	\$25.00	\$ 152,660.75
56052	BORED CONDUIT 4"	31261	LF	\$32.90	\$ 1,028,486.90
56055	4" PVC CONDUIT	3055	LF	\$4.81	\$ 14,694.55
56200	TRENCH EXCAVATION ECI-1	2886	LF	\$4.59	\$ 13,246.74
64101	DYNAMIC PILE TEST (FRICTION PILES)	4.33	EA	\$3,000.00	\$ 12,990.00
64416	PRESTR. CONCRETE PILES 16"	338	LF	\$65.00	\$ 21,970.00
64424	PRESTR. CONCRETE PILES 24"	400.6	LF	\$80.00	\$ 32,048.00
64868	DRIVING TEST FOR 24" PRESTR. CONC. PILE	237	LF	\$150.00	\$ 35,550.00
64416	PRESTR. CONCRETE PILES 16"	335	LF	\$60.00	\$ 20,100.00
66921	NS BRIDGE SUB-STRUCTURE PRE-BORING (16" PRESTRESSED CONCRETE P	460	LF	\$25.00	\$ 11,500.00
61704	CORROSION RESISTANT REINF. STEEL (Plan Quantity)	5690	LB	\$1.80	\$ 10,242.00
40061	6" DI WATER MAIN	480	LF	\$42.31	\$ 20,308.80
40081	8" DI WATER MAIN	740.84	LF	\$47.74	\$ 35,367.70
40121	12" DI WATER MAIN	202	LF	\$83.54	\$ 16,875.08
40161	16" DI WATER MAIN	147	LF	\$86.80	\$ 12,759.60
40408	18" BEND	4	EA	\$2,820.91	\$ 11,283.64
40992	NS 8" BEND	22	EA	\$515.36	\$ 11,337.92
40992	NS 4" BEND	5	EA	\$2,766.65	\$ 13,833.25
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 SALT MARSH CORDGRASS, 2" PLUG	20320	EA	\$1.95	\$ 39,624.00
40992	3" BEND	5	EA	\$2,169.93	\$ 10,849.65
42080	8" DI SAN PIPE	365	LF	\$93.51	\$ 34,131.15
40006	2" WATER SERVICE LINE	198	LF	\$54.25	\$ 10,741.50
	Miscellaneous				\$ 315,639.51
					\$ 7,827,465.88

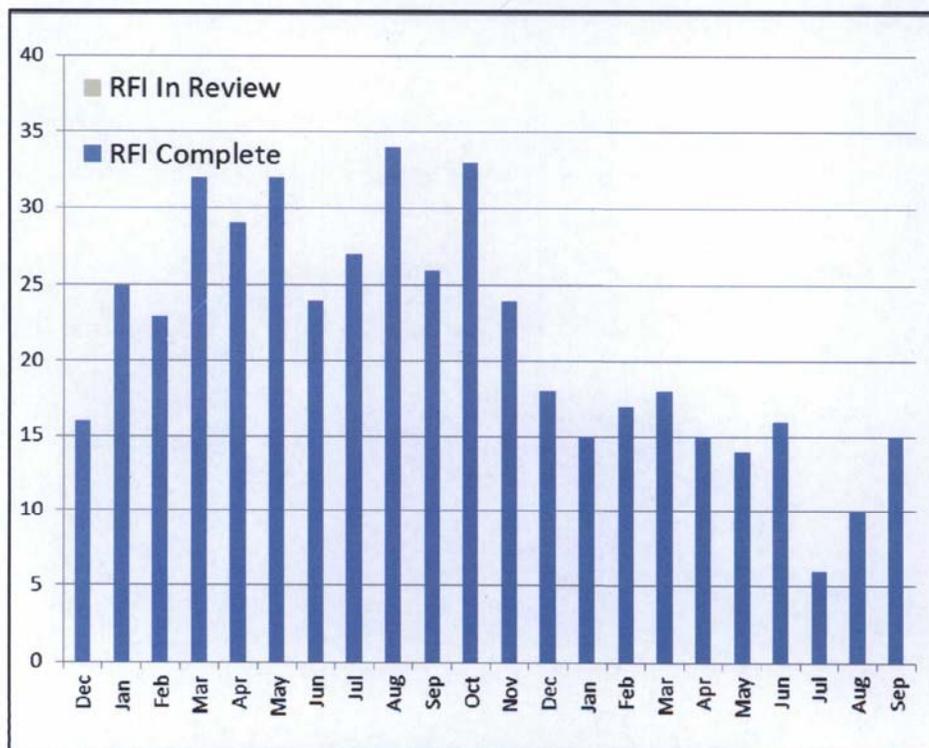
Summary Unit Price Item Overruns:

Current Projected Quantity Overruns	\$ 9,498,488.59
Actual Quantity Overruns	\$ 7,827,465.88
Net Projected Quantity Overruns	\$ 1,671,022.71

Submittals and RFI Status



Total Number of Submittals = 514 ; Number of Submittals in review = 0 ;



Total Number of RFI = 469 ; Number of RFI in review = 0;



SCHEDULE

- The Contractor submitted CPM schedule Update 15 with a data date of 09/25/2014. Update 15 has the projected completion on March 31, 2017 which meets the contract completion requirement 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 August 2014 CPM schedule update

Milestones

Activity ID	Activity Name	Status	August 2014 Update 14		September 2014 Update 15		Actual Finish
			Early Finish	Late Finish	Early Finish	Late Finish	
1MS1010	Access Road C Complete	Not Completed	1/21/2015	2/9/2015	2/13/2015	2/17/2015	
1MS1030	Great Bridge Blvd Through Ramps complete	Not Completed	5/27/2016	3/31/2017	6/23/2016	3/31/2017	
1MS1040	B615 Complete	Not Completed	3/25/2016	3/31/2017	4/21/2016	3/31/2017	
1MS1045	B614 Complete	Not Completed	3/25/2016	3/31/2017	4/21/2016	3/31/2017	
1MS1110	Ramp N Complete	Not Completed	11/6/2014	8/20/2015	12/11/2014	8/20/2015	
1MS1120	Ramps P & J Complete	Not Completed	12/11/2014	8/20/2015	1/15/2015	8/20/2015	
1MS1130	Ramp I Complete	Not Completed	9/29/2014	9/30/2015	10/31/2014	9/30/2015	
1MS1140	Ramp M Complete	Not Completed	11/4/2014	9/30/2015	10/29/2014	9/30/2015	
1MS1150	Shift Traffic to Phase 2 (Ramps I, L, M, P & under K Complete)	Not Completed	2/27/2015	8/20/2015	3/25/2015	8/20/2015	
2MS1110	B-609 Complete	Not Completed	2/9/2015	2/9/2015	2/17/2015	2/17/2015	
2MS1120	B-610 Complete	Not Completed	1/30/2015	3/31/2017	11/26/2014	3/31/2017	
2MS1130	B-611 Complete	Not Completed	11/13/2014	2/9/2015	11/26/2014	2/17/2015	
2MS1140	Shift Traffic to B-609	Not Completed	2/9/2015	2/9/2015	2/17/2015	2/17/2015	
2MS1150	Ramp H Complete	Not Completed	1/30/2015	2/9/2015	10/29/2014	2/17/2015	
2MS1160	Ramp G Complete	Not Completed	1/7/2015	2/9/2015	1/16/2015	2/17/2015	
2MS1170	B-608 Complete	Not Completed	3/31/2017	3/31/2017	3/29/2017	3/31/2017	
2MS1180	Close Ramps G, H, Dominion Lakes & DetourA	Not Completed	2/9/2015	11/21/2016	2/17/2015	11/21/2016	
2MS1190	Ramp F & Bainbridge Blvd. Complete	Not Completed	7/29/2016	3/31/2017	8/22/2016	3/31/2017	
334EW1170	Ramp G, to Box Culvert Complete	Not Completed	9/25/2014	2/9/2015	10/27/2014	2/17/2015	
361EW1200	Station 361 to B614/B615 Complete SB	Not Completed	7/29/2016	3/31/2017	8/22/2016	3/31/2017	
361EW1480	Station 361 to B614/B615 Complete NB	Not Completed	3/25/2016	3/31/2017	4/21/2016	3/31/2017	
361EW1650	609 Abutment B through Ramp H Complete	Not Completed	1/30/2015	2/9/2015	10/29/2014	2/17/2015	
3MS1011	Ramps C & D Available for B-609 traffic	Not Completed	3/9/2015	7/27/2015	4/13/2015	8/7/2015	
3MS1020	Phase 3 Complete	Not Completed	9/21/2016	3/31/2017	10/18/2016	3/31/2017	
3MS1030	Cedar Road/Moses Grandy Complete	Not Completed	9/11/2015	3/31/2017	10/14/2015	3/31/2017	
612-M9000	B612 Complete	Not Completed	9/10/2015	3/30/2017	10/14/2015	3/30/2017	
613-M9000	B613 Complete	Not Completed	7/30/2015	3/30/2017	8/26/2015	3/30/2017	
GBMS1050	Great Bridge Blvd Phase 1 Complete	Not Completed	12/31/2014	8/20/2015	2/11/2015	8/20/2015	
MS0020	Contract Completion	Not Completed	3/31/2017	3/31/2017	3/29/2017	3/31/2017	
MS1020	Early Completion	Not Completed	9/22/2016	9/22/2016	9/22/2016	9/22/2016	
RKEW4150	Ramp K Complete	Not Completed	9/25/2014	8/20/2015	10/27/2014	8/20/2015	
RLEW1080	Place Traffic on completed Ramps R & L	Not Completed	9/21/2016	3/31/2017	10/18/2016	3/31/2017	
RLEW1230	Ramp L Under K Complete	Not Completed	9/15/2014	8/20/2015	10/16/2014	8/20/2015	
ROUT1090	Ramp O Complete	Not Completed	2/27/2015	8/20/2015	3/25/2015	8/20/2015	
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	8/28/2014	8/20/2015			8/26/2014

Reviewed by: Mike Prezioso, PE, CCM, MBP

cc: Kevin Lundgren, PE, City of Chesapeake
Leon Malczewski, CCM, MBP

Attachement: Progress Photos



08/27/2014 Construction of B610/B611 over Dominion Lakes Dr.



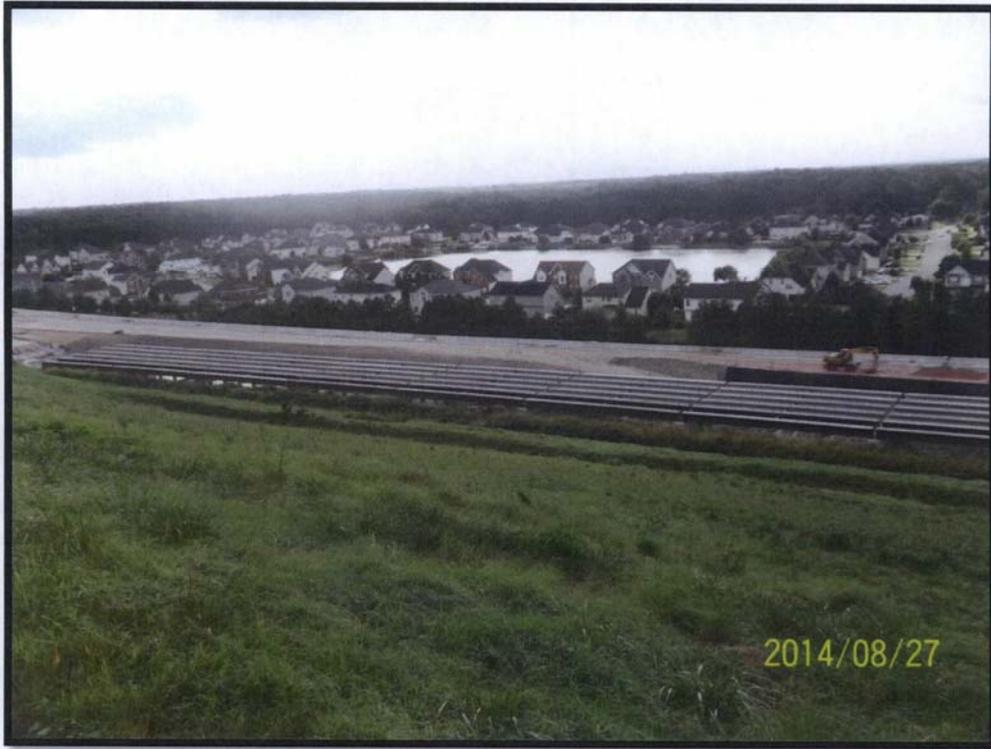
10/01/2014 Construction of B610/B611 over Dominion Lakes Dr.



08/27/2014 Construction of B612 & B613 Pier 2 (Cedar Rd.)



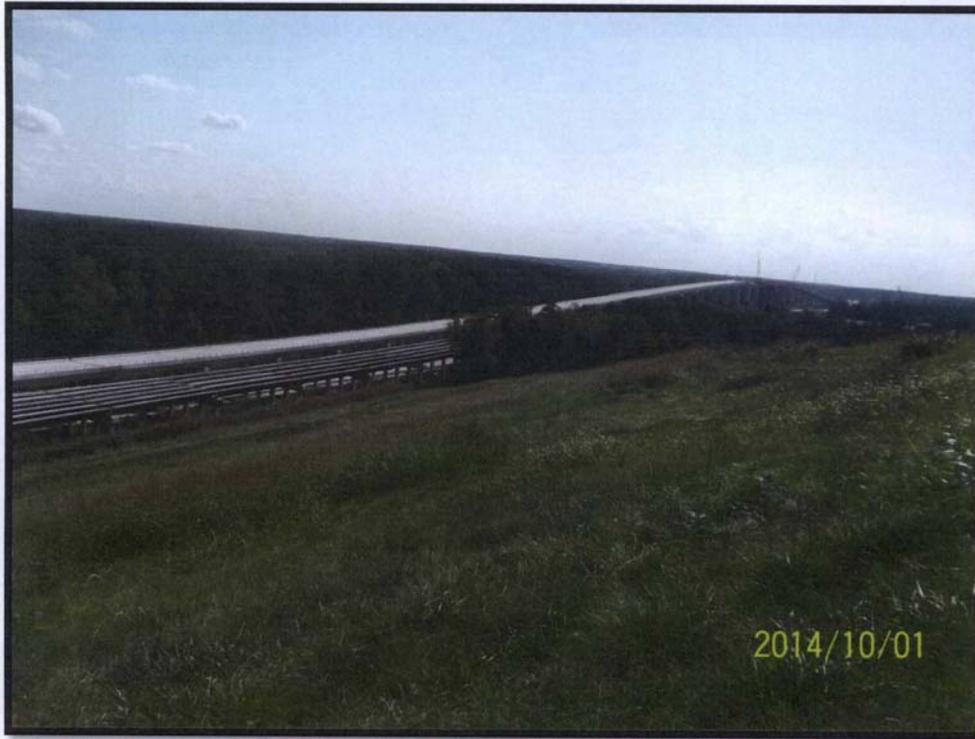
10/01/2014 Construction of B612 & B613 Pier 2 (Cedar Rd.)



08/27/2014 B608 Girder Placement on Bent Caps



10/01/2014 B608 Girder Placement on Bent Caps



10/01/2014 B609 Bridge Deck - Looking South



10/01/2014 B609 Bridge Deck alongside B608 Bridge Girders - Looking South



10/01/2014 Construction of B608/B609 shared Fender System



10/01/2014 Ramp M pavement construction



10/01/2014 Construction of B610/B611 Abutment A



10/01/2014 Construction of B612/B613 Abutment A