

Route 58 Corridor from Hillsville to Stuart

Hillsville By-Pass Project

Quarterly Report

Period

October 1, 2008 through December 31, 2008



Branch Highways Inc.

Quarterly Report

1. Introduction

This report includes work during the time period beginning October 1, 2008 and ending December 31, 2008. Project activities including design, permit monitoring, and construction occurred during this period.

2. Status of Project Plans and Project Schedule

All of the plans including Safety, Environmental, Quality Assurance and Quality Control, and Construction Traffic Management Plans have been previously completed. The initial detailed CPM Schedule has been submitted and approved. Monthly updates are being submitted with the payment requests per the contract requirements.

3. Status of Construction Drawings

Construction Plans including Grading, Erosion and Sediment Control, Deep Drainage and Box Culverts, Storm-water Management Ponds, Bridges, Cross-sections, Utilities at Howlett Street, and Permanent signs have been submitted, approved and released for construction. Surface drainage plans received approval the first week of 2009. Drawings still needing approval include Final Pavement Sections/Details, Route 669 tie-in, Phase II Erosion and Sediment Control, and Permanent Lighting. These remaining construction drawings are still in the submittal/approval/release for construction process. In-stream Plans of Operations along with Plans/Agreements for additional waste and borrow sites will be submitted as needed.

4. Status of Project Permits

Permits are being held by VDOT for this project. The latest revised permit sketches were provided by VDOT on May 2, 2008 for the Hillsville Bypass project. Permit obligations such as pre-construction monitoring have been completed for any work areas where construction activities have started. Construction monitoring and reporting is on-going per the permit obligations. The First Year Monitoring Report was submitted to VDOT for the Department's review and submission to the regulatory agencies. Other permit obligations are still scheduled to be completed prior to remaining work areas being needed.

5. Project Team Members Under Contract

The project team currently consists of the following organizations listed alphabetically:

- a. Adams Construction Company to furnish and install asphalt for paved areas;
- b. DLB Inc. to construct the bridges and to install the precast box culverts;
 - i. ACE Steel, Inc. for reinforcing steel placement (Second Tier Subcontractor to DLB)

- ii. Lanford Bros. for substructure repair (Second Tier Subcontractor to DLB)
- iii. Penhall Company for bridge deck grooving (Second Tier Subcontractor to DLB)
- iv. Olympus Painting Contractors for Bridge Painting (Second Tier Subcontractor to DLB)
- v. Watts Barrier Walls for Bridge Parapet wall construction (Second Tier Subcontractor to DLB)
- c. E.C. Pace Company to furnish and install water and sanitary sewer utilities;
- d. Easter Fencing to furnish and install the Right of Way fence;
- e. Environmental Erosion Control LLC to furnish and install erosion control items;
- f. Greenhorne & O'Mara, Inc. to perform the asbestos abatement, abatement air monitoring and demolition of existing structures;
- g. Gregory Seeding & Landscaping, Inc. to furnish and install permanent and temporary seeding and the wetlands plantings;
- h. Hanson Pipe & Products to furnish the precast concrete box culverts;
- i. HNTB Corporation for design, construction inspection and permit monitoring;
- j. Kanawha Stone Company to perform most of the mass excavation operations;
- k. Midasco Incorporated to furnish and install the permanent signs and highway electrical;
- l. Nickelston Industries, Inc. to furnish and install guardrail;
- m. Payne's Parking Designs, Inc. to furnish and install permanent and temporary pavement markings;
- n. Permatile Concrete Products to furnish the precast concrete drainage pipe and structures;
- o. Salem Stone Corporation to furnish the aggregates;
- p. Thompson & Litton to perform the construction survey and layout;
- q. West Contracting Inc. to perform the clearing and grubbing.

6. Work Started and Completed

The activity on the construction site in October and November continued to progress well. Starting in the first part of December the wet winter weather started to impact construction activities.

Work Area #1 – Webb Wetland Mitigation Site

Activity in the wetlands included removal of topsoil, excavation to off-site disposal area, and placement of compost material in excavated areas. During this quarter there was Little Reed Island Creek stream mitigation work that took place in conjunction with the wetland excavation.

Work Area #2 – Rt 58/221 to End of Rt 58/221 work (Station 45+45)

Waterline construction at the western end of the project completed at the end of October. Service Road #1 was left dormant waiting on final grading and stone prior to asphalt next construction season. Widening work on westbound Rt. 58/221 started and was completed except for touch-up work before final stabilization. The material from this excavation

was used on the B-618 fills at the western side of the bridge. Seat repairs continue on B-617. Pier column and pier seat repairs finished on bridge B-617. The sheet pile cofferdam was installed at this bridge to begin foundation work in the creek bed. At B-618 the excavation and placement of borrow material was completed for both approaches to this bridge. The new alignment of Gardner's Mill Road had fine grade work performed on it, once the weather turns favorable final grading will finish and stone will be placed.

Work Area #3 – Rt. 58 Bypass (South of Rt 58/221 Station 103+70) to Howlett Street (Station 115)

The ramps and eastern approach for B-616 have been at their sub-grade elevations since last quarter. Mobilization at bridge B-616 occurred in December, excavation for the eastern abutment started. Fills continued between Howlett Street and Rt. 58/221 for Kanawha Stone Company. This is fill number two for Kanawha (station 107+00 to 113+50) and is the largest fill, it is about 80% complete. Work in this area was intermittent as work on other areas of the project was finished or was being prepared for mass excavation. The cut area at Howlett Street is substantially complete with some rock material remaining that will be used in the near future.

Work Area #4 – Howlett Street (Station 115) to East of Rt. 52 (Station 132)

A bridge crew mobilized on B-615 in early October. During this quarter the north abutment footing was constructed, and the south pier column was constructed. Work will continue on this bridge through the winter as the weather allows. Bridge B-614 was opened to traffic towards the end of October in a temporary traffic alignment. The final median strip and surface asphalt will be installed this next construction season. Drainage work on Rt. 52 was finished with the exception of areas where the drainage structure tops must be installed just prior to the surface asphalt.

Work Area #5 – East of Rt. 52 (Station 132) to Snake Creek Area (Station 158)

Kanawha Stone Company is still working on cut five (station 136+25 to 145+50), this material is being placed just east of Rt. 52 and in the fill between Howlett Street and existing Rt. 58. The fill area just west of Snake Creek Road was brought up to nearly sub-grade. Material from the far east end of the job has been and will continue to be hauled across Snake Creek Road towards the west.

Work Area #6 – Snake Creek Area (Station 158) to East end Tie-in

The majority of the large eastern cut is accessible for excavation (station 155+75 to 169+50). Service Road #5 has been installed in a temporary configuration to help the mass excavation in this area. This large cut is approximately 35% complete.

Stored materials have been approved by VDOT for bridge structural steel, H-pile, right-of-way fencing, and guardrail these material values are reflected in Attachment 1 which is part of the monthly pay estimates.

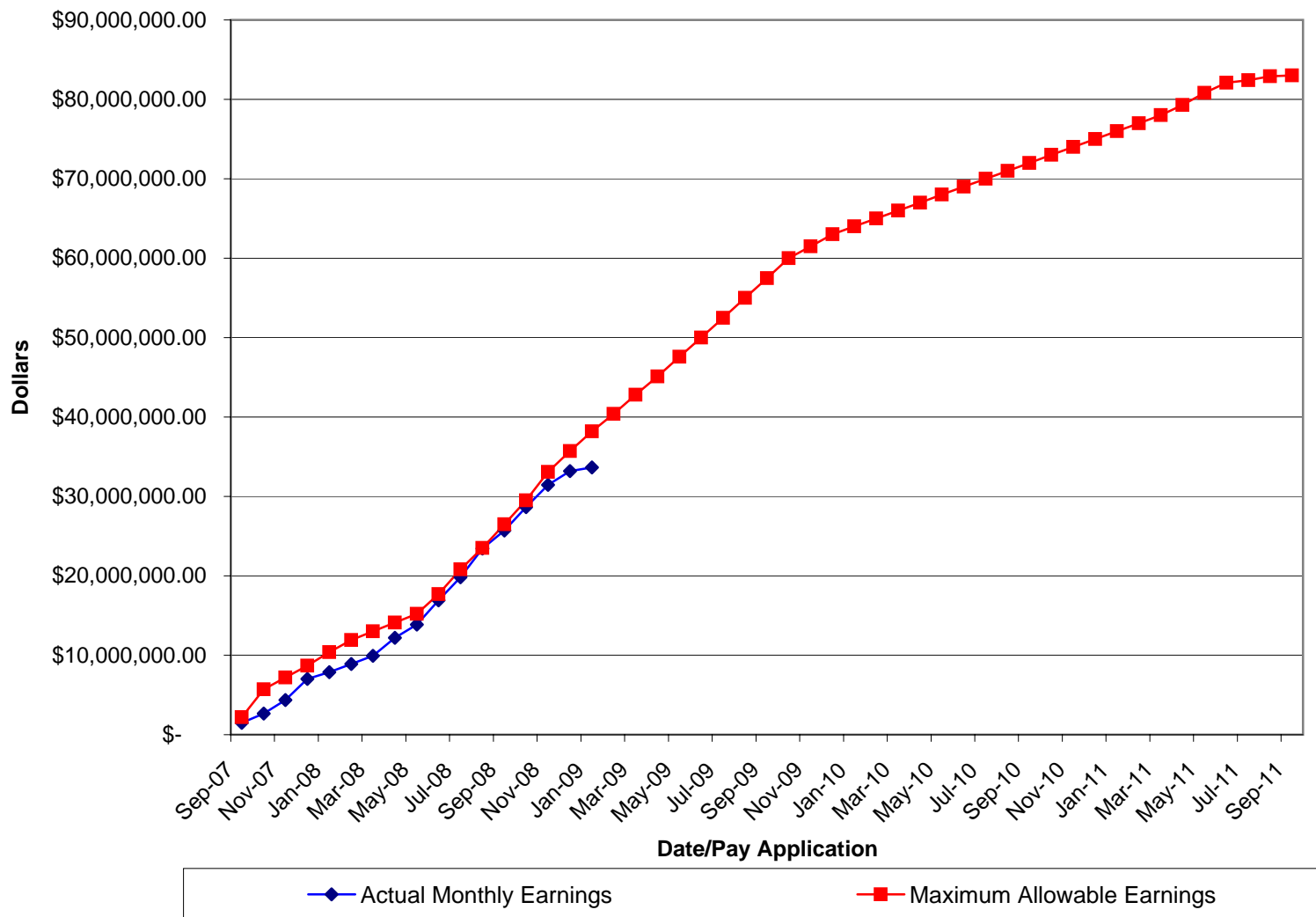
The project is meeting the current schedule with substantial completion of September 1, 2011.

There were no material disputes or claims, actions or assertions against the Contractor, the Project or Project Right of way, or Lien claims or stop notices file or threatened to be filed by any Person for the period.

Please find the following attachments.

1. A chart and graph depicting the actual cumulative payment value and the maximum cumulative payment value allowed by the contract.
2. Project progress photos

Actual vs. Maximum Allowable Monthly Earnings Rt. 58 PPTA - Phase 2 Hillsville Bypass



**ACTUAL AND MAXIMUM EARNINGS
RT. 58 PPTA - PHASE 2 HILLSVILLE BYPASS**

		Actual Monthly	Cumulative	Estimated	Cumulative
Month	Date	Earnings	Actual Monthly Earnings	Monthly Draw	Maximum Allowable Monthly Draw
1	09/20/07	\$ 1,500,000.00	\$ 1,500,000.00	\$ 2,200,000.00	\$ 2,200,000.00
2	10/20/07	\$ 1,150,000.00	\$ 2,650,000.00	\$ 3,500,000.00	\$ 5,700,000.00
3	11/20/07	\$ 1,709,500.00	\$ 4,359,500.00	\$ 1,500,000.00	\$ 7,200,000.00
4	12/20/07	\$ 2,650,500.00	\$ 7,010,000.00	\$ 1,500,000.00	\$ 8,700,000.00
5	01/20/08	\$ 851,950.00	\$ 7,861,950.00	\$ 1,700,000.00	\$ 10,400,000.00
6	02/20/08	\$ 1,036,150.00	\$ 8,898,100.00	\$ 1,500,000.00	\$ 11,900,000.00
7	03/20/08	\$ 1,047,600.00	\$ 9,945,700.00	\$ 1,100,000.00	\$ 13,000,000.00
8	04/20/08	\$ 2,253,500.00	\$ 12,199,200.00	\$ 1,100,000.00	\$ 14,100,000.00
9	05/20/08	\$ 1,666,300.00	\$ 13,865,500.00	\$ 1,100,000.00	\$ 15,200,000.00
10	06/20/08	\$ 3,045,380.21	\$ 16,910,880.21	\$ 2,500,000.00	\$ 17,700,000.00
11	07/20/08	\$ 2,921,142.73	\$ 19,832,022.94	\$ 3,100,000.00	\$ 20,800,000.00
12	08/20/08	\$ 3,621,732.87	\$ 23,453,755.81	\$ 2,700,000.00	\$ 23,500,000.00
13	09/20/08	\$ 2,244,500.00	\$ 25,698,255.81	\$ 3,000,000.00	\$ 26,500,000.00
14	10/20/08	\$ 2,944,970.32	\$ 28,643,226.13	\$ 3,000,000.00	\$ 29,500,000.00
15	11/20/08	\$ 2,802,662.50	\$ 31,445,888.63	\$ 3,600,000.00	\$ 33,100,000.00
16	12/20/08	\$ 1,738,856.34	\$ 33,184,744.97	\$ 2,600,000.00	\$ 35,700,000.00
17	01/20/09	\$ 463,461.00	\$ 33,648,205.97	\$ 2,500,000.00	\$ 38,200,000.00
18	02/20/09			\$ 2,200,000.00	\$ 40,400,000.00
19	03/20/09			\$ 2,400,000.00	\$ 42,800,000.00
20	04/20/09			\$ 2,300,000.00	\$ 45,100,000.00
21	05/20/09			\$ 2,500,000.00	\$ 47,600,000.00
22	06/20/09			\$ 2,400,000.00	\$ 50,000,000.00
23	07/20/09			\$ 2,500,000.00	\$ 52,500,000.00
24	08/20/09			\$ 2,500,000.00	\$ 55,000,000.00
25	09/20/09			\$ 2,500,000.00	\$ 57,500,000.00
26	10/20/09			\$ 2,500,000.00	\$ 60,000,000.00
27	11/20/09			\$ 1,500,000.00	\$ 61,500,000.00
28	12/20/09			\$ 1,500,000.00	\$ 63,000,000.00
29	01/20/10			\$ 1,000,000.00	\$ 64,000,000.00
30	02/20/10			\$ 1,000,000.00	\$ 65,000,000.00
31	03/20/10			\$ 1,000,000.00	\$ 66,000,000.00
32	04/20/10			\$ 1,000,000.00	\$ 67,000,000.00
33	05/20/10			\$ 1,000,000.00	\$ 68,000,000.00
34	06/20/10			\$ 1,000,000.00	\$ 69,000,000.00
35	07/20/10			\$ 1,000,000.00	\$ 70,000,000.00
36	08/20/10			\$ 1,000,000.00	\$ 71,000,000.00
37	09/20/10			\$ 1,000,000.00	\$ 72,000,000.00
38	10/20/10			\$ 1,000,000.00	\$ 73,000,000.00
39	11/20/10			\$ 1,000,000.00	\$ 74,000,000.00
40	12/20/10			\$ 1,000,000.00	\$ 75,000,000.00
41	01/20/11			\$ 1,000,000.00	\$ 76,000,000.00
42	02/20/11			\$ 1,000,000.00	\$ 77,000,000.00
43	03/20/11			\$ 1,000,000.00	\$ 78,000,000.00
44	04/20/11			\$ 1,300,000.00	\$ 79,300,000.00
45	05/20/11			\$ 1,500,000.00	\$ 80,800,000.00
46	06/20/11			\$ 1,300,000.00	\$ 82,100,000.00
47	07/20/11			\$ 300,000.00	\$ 82,400,000.00
48	08/20/11			\$ 500,000.00	\$ 82,900,000.00
49	09/20/11			\$ 100,000.00	\$ 83,000,000.00
	Totals	\$ 33,648,205.97		\$ 83,000,000.00	

**Funding for future phases to be determined.



Image 1 - Area 1, Webb Wetlands Mitigation Construction (12/3/08)



Image 2 - Area 2, Widening of existing Rt. 58/221 WBL (10/24/08)



Image 3 - Area 2, Bridge B-618 approach fills Rt. 58 Bypass WBL (10/24/08)



Image 4 - Area 3/4, South Pier Column Concrete Placement B-615 Howlett St. (12/18/08)



Image 5 - Area 5, Mass Excavation at Rt. 52, B-614 open to traffic (11/5/08)



Image 6 - Area 5, Mass Excavation near Station 140+00 (10/6/08)



Image 7 - Area 5/6, Looking East, Fills next to Snake Creek Road (near) to Cut 6 (far) (11/24/08)



Image 8 - Area 6, Cut 6 looking West near station 162+00 (10/1/08)