

Route 58 Corridor from Hillsville to Stuart

Hillsville By-Pass Project

Quarterly Report

Period

January 1, 2009 through March 31, 2009



Branch Highways, Inc.

Quarterly Report

1. Introduction

This report includes work during the time period beginning January 1, 2009 and ending March 31, 2009. 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 monthly 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 the west end of the project, Permanent signs, Phase II Erosion and Sediment Control, and Surface Drainage have been submitted, approved and released for construction. Drawings still needing approval include Final Pavement Sections/Details, Route 669 tie-in, Pavement Markings, 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 and Agreements for additional waste and borrow sites are being 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.

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 January, February, and the first part of March was slowed due to inclement weather. Starting in the last part of March the wet winter weather began to subside enough to allow the spring construction season to pick up.

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. To date the wetlands excavation is about 30% complete. A number of the work areas have progressed far enough along that topsoil and organic compost material has been placed on them.

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

Service Road #1 base stone was touched up along with drainage ditch work. Work on Bridge B-617 included excavating for Abutment A and driving H-pile at Abutment B. The in stream work concluded on the eastern Pier #2 with the completion of the new pier caps. The cofferdam was removed and reconfigured for work on Pier #1 footing excavation.

Work on Gardner's Mill Road involved placing base stone on the new alignment. Traffic is using the new alignment with stone temporarily until pavement can be placed. The opening of the new Gardner's Mill Road allows the excavation of Storm water Management Pond #1. Pipe #7-12 which is the outlet for this pond has been completed.

Bridge B-616 experienced steady progress during this quarter. Abutment B on the east side of Rt. 58/221 has the footing, seats and wings finished. Abutment A excavation and H-pile installation finished during the quarter. The MSE wall construction started in the middle of March and is nearing completion. The pier was started and finished during this quarter.

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

No new work was performed in this area during this quarter.

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

The only active section in this area was at B-615, the Howlett Street Bridge. Work at Abutment A on the north side finished the seats and wings. Abutment B excavation took place and the footer was formed. The Pier #2 column and cap were finished completing this pier. Pier #1 work completed the footing, column construction, and forming of the cap.

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

No new work was performed in this area during this quarter.

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). As weather allowed some material was hauled to approved waste areas adjacent to the project. A bottom drain pipe was installed in Ramp L to allow the fill for this ramp. The Ramp L fill took place during the month of March as weather permitted. Adjacent to Ramp L is Storm water Management Pond #9, this pond was prepared for the installation of the drainage pipe #28-9.

In all of the work areas maintenance of erosion and sediment control structures is ongoing. The mass excavation for the project is about 56% complete to date.

Stored materials have been approved by VDOT for bridge structural steel, steel decking, 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 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	\$ 1,148,716.24	\$ 34,796,922.21	\$ 2,200,000.00	\$ 40,400,000.00
19	03/20/09	\$ 1,750,950.00	\$ 36,547,872.21	\$ 2,400,000.00	\$ 42,800,000.00
20	04/20/09	\$ 1,592,642.50	\$ 38,140,514.71	\$ 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	\$ 38,140,514.71		\$ 83,000,000.00	

**Funding for future phases to be determined.

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

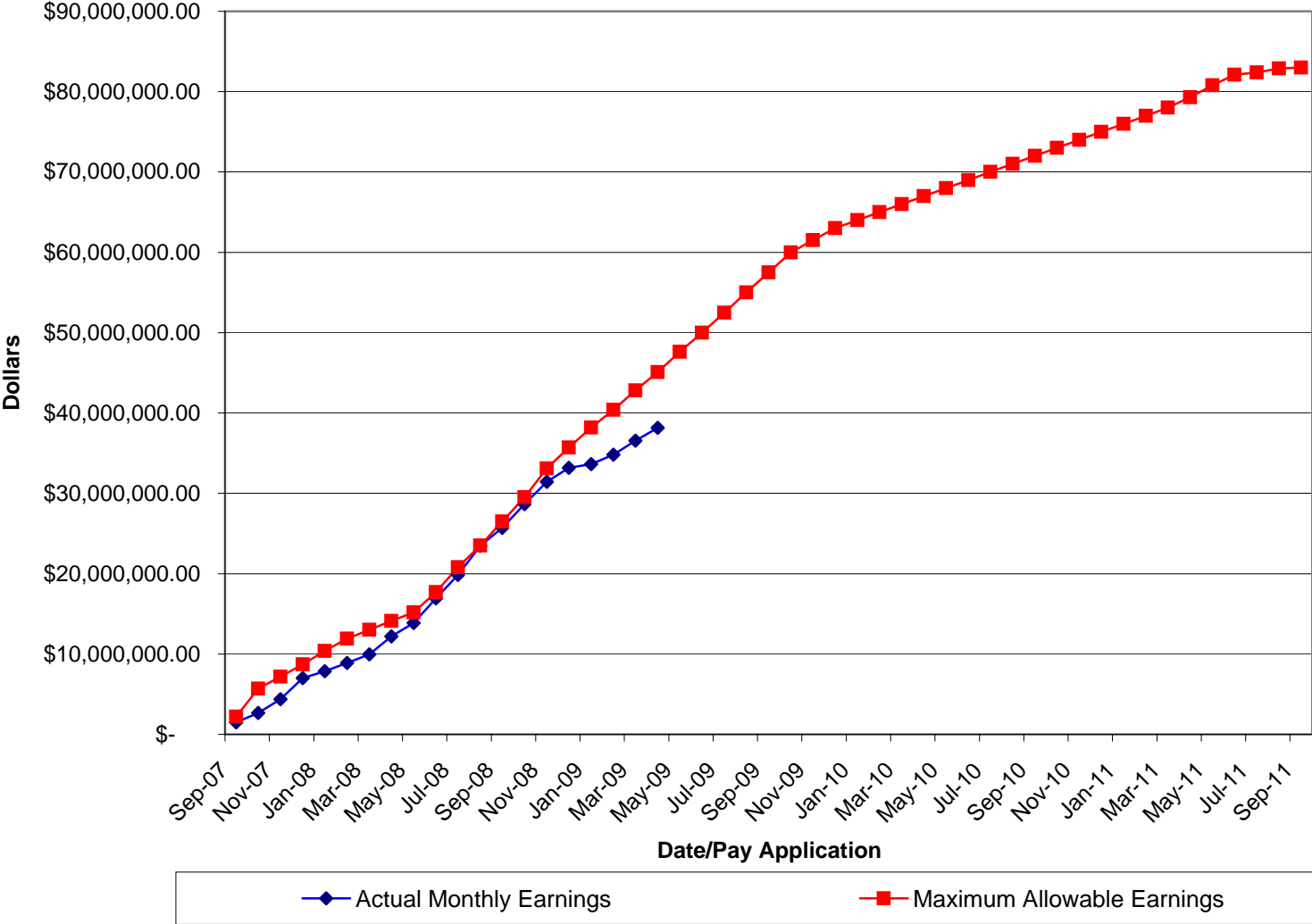




Image 1 - Area 1 Webb Wetlands, grading cell #1 with GPS D6 bulldozer (3-23-2009)



Image 2 - Area 2, B-617 cofferdam constructed to work on Pier #1 (far), Pier #2 complete (near) (3-27-09)



Image 3 - Area 2, fine grading Gardner's Mill Road with GPS Grader (3-23-09)



Image 4 - Area 3, B-616 Abutment A (near) H pile and MSE wall, looking east (3-24-09)



Image 5 – Area 4, B-615 Howlett St. looking N, Abutment B and Pier #2 near (3-27-09)



Image 6 - Area 6, Fill at Ramp L, looking from Rt. 669 (3-23-09)