

RECIPIENT NAME:  
AWARD NUMBER:  
DATE:

OMB CONTROL NUMBER: 0660-0037  
EXPIRATION DATE: 12-31-2010

### QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information		
<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b> DEPARTMENT OF COMMERCE, NATIONAL TELECOMMUNICATIONS & INFORMATION ADMINISTRATION	<b>2. Award Identification Number</b> NTI0BIX5570016	<b>3a. DUNS Number</b> 074747908
		<b>3b. EIN</b> 540721690
<b>4. Recipient Organization (Name and complete address including country, congressional district, and zip code)</b> Virginia Tech Foundation, Inc. 902 Prices Fork Road Suite 400 Blacksburg, VA. 240660-3260 USA		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b> 06/30/2010	<b>6. Is this the last Report of the Award Period?</b> <input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.</b>		
<b>7a. Typed or Printed Name and Title of Certifying Official</b> Patricia L. Rodgers Director of Business Technologies	<b>7c. Telephone (area code, number and extension)</b> 540-231-1709	
	<b>7d. Email Address</b> prodgers@vt.edu	
<b>7b. Signature of Certifying Official</b> 	<b>7e. Date Report Submitted (MM/DD/YYYY):</b> 07/29/2010	

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**Project Indicators (This Quarter)**

**1. Please describe significant project accomplishments completed during this quarter (150 words or less).**

- RFP engineering, construction, and procurement of materials completed; sent to 36 prospective bidders. Pre-bid meeting conducted; five responses.
- EF&I contract template complete; attorneys reviewing.
- RFP for Environmental Assessment completed; sent to bidders. Received three proposals; selected Earth Environmental & Civil, Inc. Contacted state and federal agencies, including SHPO, requested comments, agreement, or concurrence. Gotten response from VDOT, DCR, and DEQ; awaiting response from Historic Resources, COE and Natural Heritage, others.
- Sent pre-application letter to Corps of Engineers for permit guidance/forms; sent pre-application letter to USDA Forest Service for permitting for Washington & Jefferson National Forests.
- Gained approval from Department of Conservation and Recreation for construction; agreed to abide by VSWCB specifications submitted by VTIA.
- Met with state VDOT officials for pre-construction notification of counties/routes affected.
- Began searching for property to construct three interconnection hubs. Selected sites; two new, one existing. Currently securing easements.

**2. Please provide the percent complete for the following key milestones in your project. Write "N/A" in the second column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (100 words or less).**

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	0.6	Administrative Costs-Project Management fees. The reason we have only spent .6% of the approved budget is we are awaiting the final approval of a contract between the Virginia Tech Foundation and MBC to clarify ownership, maintenance, etc. before requesting reimbursement of construction funds. We are not concerned about falling behind. Our contingency plan would be to hire additional contract construction forces to complete the project on time.
2b.	Environmental Assessment	75	EA Draft to be sent in 7-30-10
2c.	Network Design	0	
2d.	Rights of Way	5	Preliminary Contact made with VDOT
2e.	Construction Permits and Other Approvals	5	Preliminary Contact made with VSACE & NPS. Work began on securing R/W easements for huts.
2f.	Site Preparation	0	
2g.	Equipment Procurement	0	
2h.	Network Build (all components - owned, leased, IRU, etc)	0	
2i.	Equipment Deployment	0	
2j.	Network Testing	0	
2k.	Other (please specify):		N/A

**3. To the extent not covered above, please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (150 words or less).**

Major challenge has been getting EA information compiled to submit draft copy. NTIA was helpful in providing direction and review.

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4. Please report the following information regarding network build progress. Write "N/A" in the second column if your project does not include this activity. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (100 words or less).

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	0	
New network miles leased		N/A
Existing network miles upgraded		N/A
Existing network miles leased		N/A
Number of miles of new fiber (aerial or underground)	0	
Number of new wireless links	0	
Number of new towers	0	
Number of interconnection points	0	

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your subrecipient, contractor or subcontractor is negotiating or entered into.

5a. If applicable, please provide the following information with regard to agreements with broadband wholesalers and/or last mile providers as a result of your project.

Indicators	
Number of signed agreements with broadband wholesalers or last mile providers	0
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	0
Average term of signed agreements	0



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**5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements. Providers:**

0

**5c. What wholesale services are being provided by this project? Please describe below. As an attachment to this report, please provide pricing plans (in \$ per month) associated with each wholesale service provided by your product. Wholesale services description:**

N/A

**5d. If you have designated a third party to operate all or a portion of your network, please provide the name and contact information for this third party, indicate if this entity is a subrecipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this third party operates (150 words or less).**

N/A

**6. Please provide the data according to the type of subscriber. Write "N/A" if your project does not pass or serve a particular subscriber type. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (100 words or less).**

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Broadband Wholesalers or Last Mile Providers	Providers with signed agreements receiving new access	0	
	Providers with signed agreements receiving improved access	0	
	Providers with signed agreements receiving access to dark fiber	0	
	Please identify the speed tiers that are available and the number of subscribers for each	0	
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	
	Subscribers receiving new access	0	
	Subscribers receiving improved access	0	
	Please identify the speed tiers that are available and the number or subscribers for each		General offering of 10-100Mbps
Residential / Households	Entities passed		N/A
	Total subscribers served		N/A
	Subscribers receiving new access		N/A
	Subscribers receiving improved access		N/A
	Please identify the speed tiers that are available and the number of subscribers for each		N/A
Businesses	Entities passed		N/A
	Total subscribers served		N/A
	Subscribers receiving new access		N/A
	Subscribers receiving improved access		N/A
	Please identify the speed tiers that are available and the number of subscribers for each		N/A

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7. Please describe any special offerings you may provide (150 words or less).

N/A

8a. Have your network management practices changed over the last quarter?  No  Yes

8b. If so, please describe the changes (150 words or less).

9. Community Anchor Institutions:

Using the table below, please provide a list by service area of the community anchor institutions (including Government institutions) connected to your network as a result of BTOP funds. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent calendar year. Also indicate whether your organization is currently providing broadband service to the anchor institution. Finally, provide a short narrative description with examples of how institutions are using BTOP-funded infrastructure (100 words or less).

Institution Name	Service Area (town or county)	Type of Anchor Institution (as defined in your baseline)	Are you also the broadband service provider for this institution? (Yes / No)	Narrative description of how anchor institutions are using BTOP-funded infrastructure
N/A				
N/A				
N/A				

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (150 words or less).

- Complete the Environmental Assessment, submit for approval, and gain approval from NTIA
- Complete assessment of contractor bids, award bid to successful bidder, and gain EF&I contract approval
- Conduct pre-construction meetings with approved contractor
- Begin the outside plant engineering design phase of the project
- Gain approval of right of way permits from VDOT, USACE, National Park Service, Blue Ridge Parkway Authority, and other agencies
- Obtain easements for sites for huts and prepare applications for building permits.
- Employ, on a consulting basis, an architectural historian and an approved archeologist to review design plans for possible impacts under the programmatic agreement of the EA
- Purchase a M4 compatible land base to record OSP property routes and records
- Contract between MBC and VT Foundation was approved. Funds could not be spent last quarter due to contract situation.
- Matching funds (\$60,000) will be used to cover Huts, Generators. Will not be invoiced until 4th quarter.

2. Please provide the percent complete for the following key milestones in your project. Write "N/A" in the second column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (100 words or less).

Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a. Overall Project	10	

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2b.	Environmental Assessment	100	
2c.	Network Design	100	
2d.	Rights of Way	80	
2e.	Construction Permits and Other Approvals	50	
2f.	Site Preparation	0	
2g.	Equipment Procurement	0	
2h.	Network Build (all components - owned, leased, IRU, etc.)	0	
2i.	Equipment Deployment	0	
2j.	Network Testing	0	
2k.	Other (please specify):		

3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (150 words or less).

Provisions of Programmatic Agreement in the EA has the potential to delay the start of construction, scheduled for the third quarter.



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**Infrastructure Budget Execution Details**

**Activity Based Expenditures (Infrastructure)**

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Budget for Entire Project				Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
Cost Classification	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Administrative and legal expenses	\$150,000	\$30,000	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0
b. Land, structures, right-of-ways, appraisals, etc.	\$300,000	\$60,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$362,500	\$72,500	\$290,000	\$33,884	\$0	\$33,884	\$61,750	\$0	\$61,750
e. Other architectural and engineering fees	\$20,000	\$4,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$135,000	\$27,000	\$108,000	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$90,000	\$18,000	\$72,000	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$5,500,000	\$1,100,000	\$4,400,000	\$0	\$0	\$0	\$0	\$0	\$0
j. Equipment	\$300,000	\$60,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0
k. Miscellaneous	\$67,500	\$13,500	\$54,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>l. SUBTOTAL (add a through k)</b>	<b>\$6,925,000</b>	<b>\$1,385,000</b>	<b>\$5,540,000</b>	<b>\$33,884</b>	<b>\$0</b>	<b>\$33,884</b>	<b>\$61,750</b>	<b>\$0</b>	<b>\$61,750</b>
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTALS (sum of l and m)</b>	<b>\$6,925,000</b>	<b>\$1,385,000</b>	<b>\$5,540,000</b>	<b>\$33,884</b>	<b>\$0</b>	<b>\$33,884</b>	<b>\$61,750</b>	<b>\$0</b>	<b>\$0</b>

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: \$0	b. Program Income to Date: \$0
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