

QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information		
1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration	2. Award Identification Number NT10BIX5570019	3. DUNS Number 143482482
4. Recipient Organization Mid-Atlantic Broadband Cooperative 1100 Confroy Drive, Ste 4, South Boston, VA 24592-6888		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2012	6. Is this the last Report of the Award Period? <div style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </div>	
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.		
7a. Typed or Printed Name and Title of Certifying Official Janet Rogers Grants Administrator	7c. Telephone (area code, number and extension) 4345701305	7d. Email Address janet@mbc-va.com
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 02-07-2013	

Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (600 words or less).

MBC completed all of the construction work on the original project during the 4th quarter, except for approximately 4,000 feet (Segment 1) in Waverly, VA. This work was delayed due to ready-ready issues along the pole line route. We have completed the "Petersburg reroute" along I-85, I-95, and I-295 that was necessary due to conflicts with the original routing in the Petersburg Battlefield Park. A route modification request was approved on August 8, 2012 for this project and construction has been completed on the two proposed new Nodes (huts) and the fiber to Lunenburg County schools. The only construction work remaining to do under the modification is providing fiber facilities to Virginia State University. This part of the project may require another route modification due to aerial and buried right-of-way issues. MBC has applied for a construction extension on this grant from 2-1-13 to 6-30-13, mainly due to delays in obtaining approval of the initial Environmental Assessment, delays with permitting, and three route modifications.

The installation of transport equipment continued in the 4rd quarter, however it cannot be completed until the remaining node equipment is installed in the new huts. We have completed 90% of the installations. One hundred and seventeen (117) CAI's have been connected in total. There has been two (2) new contract with last mile providers executed this quarter. This brings the total number of circuits added under this grant to forty-nine (49.)

Fiber cable construction has been completed in 4 of the 6 segments, is nearing completion in 1 other segment (waiting on make ready work), and is underway in the 6th segment. Total miles placed YTD is 421 miles or 97% of this project. During the fourth quarter we spent \$846,823.62, bringing the total amount spent YTD (Federal and Matching) to \$17,678,355.93 (88.15%). The majority of the expenditures were for equipment and materials.

The majority of the work activity this quarter was in Prince George County and Petersburg.

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Percent Complete column and "N/A" in the Narrative 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 (300 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	88	Project moved from 84% to 88% complete this quarter.
2b.	Environmental Assessment	100	Complete
2c.	Network Design	100	Complete
2d.	Rights of Way	100	Complete
2e.	Construction Permits and Other Approvals	100	Complete
2f.	Site Preparation	100	Complete
2g.	Equipment Procurement	100	Complete
2h.	Network Build (all components - owned, leased, IRU, etc)	97	Moved from 413 to 421 miles placed. Eight (8) miles placed this quarter. Awaiting route modification approval.
2i.	Equipment Deployment	85	Awaiting completion of remainder of cable.
2j.	Network Testing	95	Awaiting completion of equipment installation.
2k.	Other (please specify):	0	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 (600 words or less).

- Some make ready work has been delayed by Dominion Power and Verizon, thus delaying our completion of segment 1.
- Constructing the "Petersburg reroute" in a timely manner after delays with VDOT permitting.
- Obtaining private right of way for some portions of the VSU aerial and buried route.

4. Please report the following information regarding network build progress. Write "0" in the Total column and "N/A" in the Narrative

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 (600 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	421	Eight (8) miles deployed this quarter. 97% of project build complete
New network miles leased	0	N/A
Existing network miles upgraded	0	N/A
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	421	Eight (8) miles deployed this quarter. 97% of project build complete
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	6	All complete

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your sub recipient, 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	49
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	2
Average term of signed agreements (in quarters)	12

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers: Shentel (4), Kinex (6), Lumos (6), GCR (31), BIT (1), Telpage (1)

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 (100 words or less). Wholesale services description:

MBC provides secured, carrier-class collocation space (in 1/4 rack increments or 12 rack units) for members
 Due to grant funds being used in the construction of the MBC backbone network, dark fiber IRUs are no longer offered.
 Fiber lease arrangements are considered on case by case basis. (Member pays annual fee for use of the dark fiber strands.) Five year minimum lease term.

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 sub recipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this this third party operates (600 words or less).

N/A

6. Please provide the data according to the type of subscriber. Write "0" in the Total column and "N/A" in the Narrative column 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 (300 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	49	Did not identify any on Baseline

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	49	Shentel(4) 100 mbps; Kinex (4) 10 mbps, (1) 50 mbps, (1) 100 mbps; GCR (3) 10 mbps, (4) 20 mbps, (16) 50 mbps, (4) 100 mbps, (4) 200 mbps; BIT(1) 50 mbps; Lumos (4) DS-1, (1) 100 mbps, (1) OC-3; Telpage (1) 50 mbps
Community Anchor Institutions (including Government institutions)	Total subscribers served	117	Schools and other government institutions
	Subscribers receiving new access	117	Schools and other government institutions
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	117	General offering is 10 mbps - 100 mbps - Open Access. Most schools have 50 mbps service
Residential / Households	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	General Offering is 10 mpbs - 100 mpbs - Open Access
Businesses	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	General Offering is 10 mpbs - 100 mpbs - Open Access

7. Please describe any special offerings you may provide (600 words or less).

N/A

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

8b. If so, please describe the changes (300 words or less).

N/A

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. Figures should be reported for the most recent reporting quarter only (NOT cumulatively). 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 (300 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	N/A	None in Y3Q4

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).

- Complete equipment installation in the two new interconnection points and the remainder of the ring equipment by 6-30-13.
- Complete all construction and splicing activities to accomplish 100% completion of entire project by the end of the second quarter, 2013.
- Increase CAIs served to 118.
- Increase total signed agreements/circuits to 54.

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Planned Percent Complete column and "N/A" in the Narrative 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 next reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	Overall Project	93	Project extension requested to complete route modification to VSU. Delayed due to easements
2b.	Environmental Assessment	100	Complete
2c.	Network Design	100	Complete
2d.	Rights of Way	100	Complete
2e.	Construction Permits and Other Approvals	100	Complete
2f.	Site Preparation	100	Complete
2g.	Equipment Procurement	100	Complete
2h.	Network Build (all components - owned, leased, IRU, etc.)	100	Complete
2i.	Equipment Deployment	98	Cannot complete until all cable is competed
2j.	Network Testing	98	Cannot complete until all equipment is installed
2k.	Other (please specify):	0	N/A

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 (600 words or less).

- Obtain final right of way commitments for construction of the proposed cable to VSU.
- Submit and gain approval of a route change, including EA modification, for a portion of the route to VSU.
- Complete all of the grant work activities before the anticipated June 30, 2013 deadline

