

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
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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) 06-30-2012	6. Is this the last Report of the Award Period? <input type="radio"/> Yes <input checked="" type="radio"/> No
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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 Accounting Clerk	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): 08-09-2012
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Project Indicators (This Quarter)

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

MBC prepared a route modification request to add three schools, one university, and two interconnection points (huts) to the original route at a cost of approximately \$2,174,689. MBC has also prepared a budget modification to request that the original budget be modified to redistribute existing budgeted funds to cover the additional expenditures. The budget modification was approved in the 2nd quarter. The route modification request is under consideration by the NTIA and is expected to be approved in the 3rd quarter.

The installation of transport equipment continued in the 2nd quarter. We have finished three of the four nodes and 50% of the ring equipment. This should be completed by the end of the 3rd quarter. One Hundred and Fourteen (114) CAI's have been passed in total, with 5 added this quarter. There has been one (1) new contract with a last mile provider executed this quarter for a new circuit to Buckingham County Career and Technology Center. This brings the total number of circuits added under this grant to forty-four (44).

Construction has been completed in 3 of the 6 segments, is close to completion in 2 other segments (waiting on make ready work), and is underway in the 6th segment (waiting for VDOT permit approval to restart construction on the Petersburg reroute). Fourteen (14) miles were placed this quarter, bringing the total miles placed YTD to 413 miles or 96% of this project. During the fourth quarter we spent \$2,163,891, bringing the total amount spent YTD (Federal and Matching) to \$14,543,638 (72.52%). The majority of the expenditures were for construction and materials.

The majority of the work activity this quarter was in Buckingham County (Dillwyn).

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	73	Moved from 62% to 73% complete. VDOT approvals have delayed start of 2nd & 3rd work orders for segment 5 (Petersburg Reroute)
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)	96	Completed 13 miles this quarter
2i.	Equipment Deployment	70	Equipment deployment continues after completion of nodes
2j.	Network Testing	80	Testing underway in 3 segments to be completed Y3Q3
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 due to recent storms.
- VDOT approved one of three permits on the Petersburg reroute. We are awaiting approval of the remaining two permits. This is delaying completion of this segment
- Manpower for equipment installations
- Gaining approval of the proposed route modification since part of it is outside the PFSA.

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	412	13 miles deployed this quarter. 96% of project
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)	412	13 miles deployed this quarter. 96% of project
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	4	Completed

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	44
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 (5); Lumos(5); GCR (29); BIT(1)
 Note: The number of contracts is listed in parenthesis.

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	44	Did not identify any on Baseline
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Please identify the speed tiers that are available and the number of subscribers for each	44	Same as Y3Q1 PPR except Kinex (4) 10 mbps changes to (5) 10 mbps
Community Anchor Institutions (including Government institutions)	Total subscribers served	114	Schools and other government institutions
	Subscribers receiving new access	114	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	114	General offering is 10 mbps to 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 mbps to 100 mbps; 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 mbps to 100 mbps; Open access

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

Provide DS1's for wireless backhaul from towers

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

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
Dillwyn Elem	Buckingham	K-12	No	Providing LAN and WAN services
Buckingham Middle	Buckingham	K-12	No	Providing LAN and WAN services
Buckingham Primary	Buckingham	K-12	No	Providing LAN and WAN services
Buckingham Career and Technology Center	Buckingham	K-12	No	Providing LAN and WAN services
Buckingham High	Buckingham	K-12	No	Providing LAN and WAN services

Project Indicators (Next Quarter)

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

- Continue fiber construction in the remaining 3 segments
- Complete equipment installation in the fourth interconnection point
- Complete construction and splicing activities in remaining segments to accomplish 100% construction completion on original project route
- Start construction on the route modification work, when approved
- Increase CAIs served to 117
- Increase total signed agreements/circuits to 46.
- Complete 13 additional miles

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	84	Submitted route modification to expend the remaining budgeted amount by Y3Q4
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 remaining 8 miles in Y3Q3
2i.	Equipment Deployment	100	To be completed in Y3Q3; manpower issues
2j.	Network Testing	100	To be completed in Y3Q3
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).

- Work will be slowed by VDOT permitting on the Segment 5 reroute and by lack of make-ready completion on Segments 1 and 4.
- Obtaining quick NTIA approval of the new route modification
- Obtaining quick EA addendum and revised PA approval of route modification request.
- Equipment installation progress will be dependent upon manpower resources

RECIPIENT NAME:Mid-Atlantic Broadband Cooperative

AWARD NUMBER: NT10BIX5570019

DATE: 08/09/2012

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

- Completion of the proposed reroute work before the December 31, 2012 deadline

