

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) 03-31-2012	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): 05-08-2012
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Project Indicators (This Quarter)

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

MBC has 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. These requests will be sent to the NTIA for approval in the 2nd quarter.

The four huts (interconnection points) on the project have been placed on site and power connected to all of them. The installation of transport equipment continued in the 1st quarter and should be complete by the end of the 2nd quarter. One Hundred and Nine (109) CAI's have been passed in total, with 15 added this quarter. There have been new contracts with a last mile provider executed this quarter for eighteen (18) new circuits to Henry County Schools. Along with seven (7) other circuits added this quarter, this brings the total number of circuits added under this grant to forty-three (43). Construction has been completed in 2 of the 6 segments, is close to completion in 3 other segments, and is awaiting VDOT permit approval to restart construction in segment 5 (Petersburg reroute). Sixty-one (61) miles were placed this quarter, bringing the total miles placed YTD to 399 miles or 94% of this project. During the fourth quarter we spent \$ 1,743,481, bringing the total amount spent YTD (Federal and Matching) to \$12,379,739 (61.7%). The majority of the work activity this quarter was in Halifax County.

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	62	Moved from 53% to 62% complete. EA approval delay and VDOT approval delayed start of segment 5 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)	94	Completed 61 miles this quarter
2i.	Equipment Deployment	40	Equipment deployment continues after completion of interconnection points to be completed in Y3Q3.
2j.	Network Testing	60	Testing underway in Segment 1; complete in segments 2,3 & 6. Project testing complete in 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 in Waverly, VA (Segment 1)
- VDOT issued new permitting requirements for the Segment 5 Petersburg reroute, thus requiring resubmittal of permits and delaying start of work.
- Have encountered rock on Segment 5 construction
- Preparation of route modification and budget modification for submittal

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)

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	399	61 miles deployed this quarter. 94% of the 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)	399	61 miles deployed this quarter. 94% of the 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	Final interconnection site completed in March 2012. Delayed due to wet weather conditions.

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	43
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 (4) Lumos (5), GCR (29), BIT (1)
Note: The number of contracts is listed in parentheses.

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 ¼ 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	43	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	43	GCR(2) 100 mbps; GCR (4) 200 mbps; BIT(1) 50 mbps; GCR(3) 10 mbps; GCR(5) 20 mbps; GCR (15) 50 mbps; Shentel (4) 100 mbps; Kinex (4) 10 mbps; Lumos (5) 155 mbps; General offering of 10 mbps to 100 mbps; Open Access
Community Anchor Institutions (including Government institutions)	Total subscribers served	109	Schools and other government institutions
	Subscribers receiving new access	109	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	109	General offering is 10 mbps to 100 mbp; Open Access Most schools order 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 service back haul 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
Bedford Primary	Bedford	K-12	NO	Providing LAN & WAN services
Bedford Science & Technology Center	Bedford	K-12	NO	Providing LAN & WAN services
Boonsboro Elem	Bedford	K-12	NO	Providing LAN & WAN services
Lee M. Waid Elem	Franklin	K-12	NO	Providing LAN & WAN services
Chatham Elem	Pittsylvania	K-12	NO	Providing LAN & WAN services
John L. Hurt Jr Elem	Pittsylvania	K-12	NO	Providing LAN & WAN services
Windy Gap Elem	Franklin	K-12	NO	Providing LAN & WAN services
Chatham Public Library	Pittsylvania	K-12	NO	Providing LAN & WAN services
Amelia Elem	Amelia	K-12	NO	Providing LAN & WAN services
Amelia Middle	Amelia	K-12	NO	Providing LAN & WAN services
Amelia High	Amelia	K-12	NO	Providing LAN & WAN services
Amelia Co School Board Office	Amelia	Other Government Facility	NO	Providing LAN & WAN services
Cumberland Co School Board Office	Amelia	Other Government Facility	NO	Providing LAN & WAN services
Sinai Elem	Halifax	K-12	NO	Providing LAN & WAN services
Sydnor Jennings Elem	Halifax	K-12	NO	Providing LAN & WAN services

Project Indicators (Next Quarter)

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

- Complete construction of the re-route on Segment 6
- Complete equipment installation in the four interconnection points
- Continue construction and splicing activities in remaining segments to accomplish 100% construction completion
- Start construction on the route modification work, when approved
- Increase CAls served to 112
- Increase total signed agreements/circuits to 46.
- Place 21 miles of fiber cable for a total of 420 miles (100%)

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	71	Became evident in Y3Q1 that project would be under budget. Submit a budget modification and route modification for approval in Y3Q2.
2b. Environmental Assessment	100	Complete

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
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 21 miles in segment 1, 4 & 5 in Y3Q2
2i.	Equipment Deployment	85	To be completed Y3Q3. Delayed due to site preparation delay.
2j.	Network Testing	85	To be completed 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 on the Segment 5 reroute due to VDOT work restrictions, weather conditions, and traffic/signage requirements
- Obtain NTIA approval of the new route modification and budget modification requests.
- Obtain quick EA addendum approval of route modification request.
- Progress on completion of Equipment installation is dependent upon manpower resources

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	\$447,423	\$0	\$447,423	\$383,346	\$0	\$383,346	\$413,346	\$3,617	\$409,729
b. Land, structures, right-of-ways, appraisals, etc.	\$400,000	\$80,000	\$320,000	\$230,912	\$223,862	\$7,050	\$360,912	\$288,862	\$72,050
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$1,864,748	\$372,950	\$1,491,798	\$1,649,658	\$20,720	\$1,628,938	\$1,719,658	\$90,720	\$1,628,938
e. Other architectural and engineering fees	\$305,298	\$61,060	\$244,238	\$239,676	\$0	\$239,676	\$299,676	\$0	\$299,676
f. Project inspection fees	\$178,947	\$35,789	\$143,158	\$111,655	\$0	\$111,655	\$141,655	\$0	\$141,655
g. Site work	\$222,038	\$44,408	\$177,630	\$108,933	\$0	\$108,933	\$150,933	\$0	\$150,933
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$14,728,655	\$2,945,731	\$11,782,924	\$8,589,833	\$1,225,985	\$7,363,848	\$9,689,833	\$1,298,034	\$8,391,799
j. Equipment	\$1,840,754	\$457,635	\$1,383,119	\$1,065,726	\$999,602	\$66,124	\$1,542,839	\$1,182,537	\$360,302
k. Miscellaneous	\$67,500	\$13,500	\$54,000	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$20,055,363	\$4,011,073	\$16,044,290	\$12,379,739	\$2,470,169	\$9,909,570	\$14,318,852	\$2,863,770	\$11,455,082
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$20,055,363	\$4,011,073	\$16,044,290	\$12,379,739	\$2,470,169	\$9,909,570	\$14,318,852	\$2,863,770	\$11,455,082

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: \$112,094