

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 NT10BIX5570087	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) 09-30-2012	6. Is this the last Report of the Award Period? <input type="radio"/> Yes <input checked="" type="radio"/> No
--	---

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): 11-01-2012
---	--

--

Project Indicators (This Quarter)																																																			
<p>1. Please describe significant project accomplishments completed during this quarter (600 words or less).</p> <p>Fiber construction on this project has been on schedule. We have completed the construction between Emporia and Franklin; between Windsor and Smithfield. In addition, most of the construction between Surry and Smithfield is complete. The Franklin make ready was completed and the cable placed through the Town. The Franklin and Surry nodes have been set and the site work for Windsor is 50% complete. We continue to wait on the signed easement from the County School Board for the Smithfield site. Once received, we will begin the site work for Smithfield.</p> <p>Construction of two of the six bridge crossings identified on this project has been completed. Six additional CAIs were passed this quarter, bringing the total passed to ten. They are Smithfield High School, Smithfield Middle School, Surry County High School, Surry County Elementary School, Luther Porter Jackson Middle School (Surry County) and Carrsville Elementary School. We are negotiating at least five contracts for service to cell tower sites and to an electric cooperative.</p> <p>We have placed 39 miles of fiber cable during this quarter for a total of 120 miles placed or 71% of the total. We spent \$1,313,363 this quarter, bringing the total spent to \$8,010,730 or 63.9% of the total. The majority of the project activity this quarter has been in Surry County.</p>																																																			
<p>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).</p> <table border="1"> <thead> <tr> <th></th> <th>Milestone</th> <th>Percent Complete</th> <th>Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)</th> </tr> </thead> <tbody> <tr> <td>2a.</td> <td>Overall Project</td> <td>64</td> <td>Start date was delayed until 3-8-12 due to the EA approval. Wet weather has slowed plowing progress in some areas.</td> </tr> <tr> <td>2b.</td> <td>Environmental Assessment</td> <td>100</td> <td>Complete</td> </tr> <tr> <td>2c.</td> <td>Network Design</td> <td>100</td> <td>Complete</td> </tr> <tr> <td>2d.</td> <td>Rights of Way</td> <td>100</td> <td>Complete</td> </tr> <tr> <td>2e.</td> <td>Construction Permits and Other Approvals</td> <td>100</td> <td>Complete</td> </tr> <tr> <td>2f.</td> <td>Site Preparation</td> <td>75</td> <td>Completed 2 sites; one 50% complete & one in progress; Complete by Y3Q4 (Y3Q2)</td> </tr> <tr> <td>2g.</td> <td>Equipment Procurement</td> <td>100</td> <td>Complete</td> </tr> <tr> <td>2h.</td> <td>Network Build (all components - owned, leased, IRU, etc)</td> <td>77</td> <td>Completed 49 miles in Y3Q3 (Y3Q1)</td> </tr> <tr> <td>2i.</td> <td>Equipment Deployment</td> <td>0</td> <td>Deployment delayed until completion of all huts(nodes)</td> </tr> <tr> <td>2j.</td> <td>Network Testing</td> <td>0</td> <td>Network testing cannot start until equipment and cable is placed</td> </tr> <tr> <td>2k.</td> <td>Other (please specify):</td> <td>0</td> <td>N/A</td> </tr> </tbody> </table>					Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)	2a.	Overall Project	64	Start date was delayed until 3-8-12 due to the EA approval. Wet weather has slowed plowing progress in some areas.	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	75	Completed 2 sites; one 50% complete & one in progress; Complete by Y3Q4 (Y3Q2)	2g.	Equipment Procurement	100	Complete	2h.	Network Build (all components - owned, leased, IRU, etc)	77	Completed 49 miles in Y3Q3 (Y3Q1)	2i.	Equipment Deployment	0	Deployment delayed until completion of all huts(nodes)	2j.	Network Testing	0	Network testing cannot start until equipment and cable is placed	2k.	Other (please specify):	0	N/A
	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)																																																
2a.	Overall Project	64	Start date was delayed until 3-8-12 due to the EA approval. Wet weather has slowed plowing progress in some areas.																																																
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	75	Completed 2 sites; one 50% complete & one in progress; Complete by Y3Q4 (Y3Q2)																																																
2g.	Equipment Procurement	100	Complete																																																
2h.	Network Build (all components - owned, leased, IRU, etc)	77	Completed 49 miles in Y3Q3 (Y3Q1)																																																
2i.	Equipment Deployment	0	Deployment delayed until completion of all huts(nodes)																																																
2j.	Network Testing	0	Network testing cannot start until equipment and cable is placed																																																
2k.	Other (please specify):	0	N/A																																																
<p>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).</p> <ul style="list-style-type: none"> • Obtaining the easement for the Smithfield node. • Completing the aerial make ready in Franklin • Completing the cable construction through the Town of Surry • Obtaining permits and agreements from the City of Chesapeake and the City of Suffolk 																																																			
<p>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).</p>																																																			

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	130	Placed 49 miles in Y3Q3 (Y3Q1)
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)	130	Placed 49 miles in Y3Q3(Y3Q1)
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	0	N/A

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	1
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	7
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: Town of Surry,VA; co-location agreement to provide access and transport services offered by the county or their agent.

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 optical transport services, using both SONET/TDM, Wavelength and Ethernet Connections. Ethernet circuits are provisioned as Ethernet over SONET, and each circuit has dedicated STSs for transport delivery. Standard contract terms are 24 months.
 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 a 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	0	Cable not placed in service as of September 30,2012

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	0	10mbps-100mbps - Open Access
Community Anchor Institutions (including Government institutions)	Total subscribers served	11	Passed but not connected yet
	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 or subscribers for each	0	10mbps-100mbps - Open Access
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	10mbps-100mbps - 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	10mbps-100mbps - 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	Type of Anchor	Are you also the	Narrative description of how anchor institutions are using BTOP-
------------------	---------	----------------	------------------	--

	Area (town or county)	Institution (as defined in your baseline)	broadband service provider for this institution? (Yes / No)	funded infrastructure
Smithfield High School	Isle of Wight	K-12	No	Providing LAN & WAN Services
Smithfield Middle School	Isle of Wight	K-12	No	Providing LAN & WAN Services
Surry County High School	Surry County	K-12	No	Providing LAN & WAN Services
Surry County Middle School	Surry County	K-12	No	Providing LAN & WAN Services
Luther Porter Middle School	Surry County	K-12	No	Providing LAN & WAN Services
Carrsville Elementary School	Isle of Wight	K-12	No	Providing LAN & WAN Services
Surry County	Surry County	Government Institution	No	Internet Access

Project Indicators (Next Quarter)

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

- Place at least 30 miles of fiber in this quarter
- Pass at least 2 CAIs
- Completion of the four remaining bridge crossings
- Completion of the two remaining node sites
- Completion of the City of Chesapeake and City of Suffolk agreements

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	79	Moved from 64% to 79% completed. Construction delayed due to EA approval delay & permitting with Suffolk & Chesapeake.
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	Construct 30 miles in Y3Q4 (Y3Q2)
2i.	Equipment Deployment	15	To start after completion of huts (nodes)
2j.	Network Testing	0	Awaiting completion of equipment installation
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).

- Completion of four bridge crossings in a timely manner
- Obtaining the easement and completing construction of the Smithfield node
- Completion of the City of Chesapeake and City of Suffolk agreements in a timely manner

RECIPIENT NAME:Mid-Atlantic Broadband Cooperative

AWARD NUMBER: NT10BIX5570087

DATE: 11/01/2012

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

--

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	\$630,000	\$1,971	\$628,029	\$118,271	\$1,971	\$116,300	\$198,271	\$1,971	\$196,300
b. Land, structures, right-of-ways, appraisals, etc.	\$603,637	\$66,400	\$537,237	\$246,278	\$48,502	\$197,776	\$446,278	\$48,502	\$397,776
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$799,800	\$352,000	\$447,800	\$493,966	\$349,793	\$144,173	\$553,966	\$349,793	\$204,173
e. Other architectural and engineering fees	\$298,012	\$22,000	\$276,012	\$180,101	\$21,764	\$158,337	\$205,101	\$21,764	\$183,337
f. Project inspection fees	\$154,000	\$0	\$154,000	\$58,044	\$0	\$58,044	\$70,044	\$0	\$70,044
g. Site work	\$420,000	\$40,000	\$380,000	\$48,789	\$0	\$48,789	\$198,789	\$150,000	\$48,789
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$5,862,934	\$1,393,441	\$4,470,093	\$3,853,815	\$523,955	\$3,329,860	\$5,053,815	\$723,955	\$4,329,860
j. Equipment	\$3,760,076	\$630,000	\$3,130,076	\$3,011,465	\$622,782	\$2,388,683	\$3,111,465	\$622,782	\$2,488,683
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$12,528,459	\$2,505,812	\$10,023,247	\$8,010,729	\$1,568,767	\$6,441,962	\$9,837,729	\$1,918,767	\$7,918,962
m. Contingencies									
n. TOTALS (sum of l and m)	\$12,528,459	\$2,505,812	\$10,023,247	\$8,010,729	\$1,568,767	\$6,441,962	\$9,837,729	\$1,918,767	\$7,918,962

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