

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 NT10BIX5570054	3. DUNS Number 831445494
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4. Recipient Organization Page County Broadband Authority 117 South Court Street, Luray, VA 22835-1224
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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
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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 Tyler Klein	7c. Telephone (area code, number and extension) X
	7d. Email Address tklein@nsvregion.org

7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 11-29-2012
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Project Indicators (This Quarter)

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

Tower design was initiated on the Water Tank in the Town of Stanley and Town of Shenandoah and is near completing. Lease Agreements were signed with the Towns for locating equipment and with Tower Owners for utilizing tower space. A Notice To Proceed (NTP) was issued for design work that was submitted and approved by PCBA in Q3-2012. Segment 4 includes network construction in the Town of Shenandoah.

Shenandoah Valley Electric Cooperative (SVEC) began make-ready work August 2012 and can complete work concurrently with Shentel's construction efforts. Shentel also began construction during the week of September 27, 2012 on Segment 3 in the Town of Stanley.

The Broadband Authority continued meeting twice a month to ensure the project continues on time and on budget. Bi-weekly calls were held with NTIA to update on project completion.

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	17	Variance due to project modification. High make ready estimate from incumbent electric cooperative forcing redesign to reduce fiber deployment and move to microwave connectivity and to move some areas of construction from aerial to underground. Project modification approval in January 2012 by NTIA and NOAA Grants Office and work restarted to implement the project.
2b.	Environmental Assessment	100	No Variance: Project modification required re-consultation for National Environmental Protection Act (NEPA) and National Historic Preservation Act (NHPA) review and development of a supplemental environmental assessment (EA). No adverse effect determinations from all agencies and supplemental EA submission approved by NTIA and the NOAA Grants Office in April 2012.
2c.	Network Design	100	No Variance.
2d.	Rights of Way	95	Variance: Execution of agreement with incumbent electric cooperative underway based on project modification approval by NTIA and NOAA Grants Office in January 2012. Have completed negotiations with Towns to lease space for point of presence facilities. Permit applications submitted to VDOT for underground work in Luray, Stanley and Springfield.
2e.	Construction Permits and Other Approvals	90	Variance: Lease negotiations signed with tower owners. Permitting was completed with VMRC for two water crossings and the railroad companies for two crossings.
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	10	Variance: Purchase of equipment and construction materials is currently underway following approval of design segments in July 2012. Final procurement of equipment and materials expected in Q4-2012.
2h.	Network Build (all components - owned, leased, IRU, etc)	1	Variance: The network build was on hold pending final design completion and approval. Only the facility in Luray has been constructed (facility only, no equipment). Network build began on September 27, 2012.
2i.	Equipment Deployment	5	Purchase of equipment and construction materials is underway following approval of design in July 2012. Equipment deployment/network build began on September 27, 2012.
2j.	Network Testing	0	Variance: The network build was on hold pending NTIA and NOAA Grants Office approval of a project modification, approved January 2012 and subsequent final design completion and approval. Following approval of project modification and issuance of a notice to

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
			proceed in July 2012, equipment deployment began on September 27, 2012; network testing to follow construction of the network in Q4-2012.
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).

Shentel delivered the final design for Segment 4 in July 2012. Construction of the network commenced on September 27, 2012. Shentel and the PCBA are working diligently to complete the Tower Lease Agreement in the Town of Shenandoah, with resolution expected in October 2012.

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	0	The variance is due to the need for a project modification and EA amendment approval. The project modification was approved by NTIA and NOAA Grants Office in January 2012 and final design is complete for all five network segments. Construction started on September 27, 2012.
New network miles leased	0	No Variance
Existing network miles upgraded	0	No Variance
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	0	The variance is due to the need for a project modification and EA amendment approval. The project modification was approved by NTIA and NOAA Grants Office in January 2012 and final design is complete for all five network segments. Construction started on September 27, 2012. No new miles of fiber deployed by end of quarter.
Number of new wireless links	0	No Variance
Number of new towers	0	Variance, new tower construction removed from the project via a project modification approved in January 2012 by NTIA and NOAA Grants Office.
Number of new and/or upgraded interconnection points	0	The variance is due to the need for a project modification and EA amendment approval. The project modification was approved by NTIA and NOAA Grants Office in January 2012 and final design is complete for all five network segments. Construction started on September 27, 2012.

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	0
Average term of signed agreements (in quarters)	0

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:
 Shenandoah Long Distance Company (Shentel)--a wholesale broadband provider. The variance in the baseline in the number of last mile providers signed up in Q4-2011 (baseline was 3) is due to delays in initiating construction and not having a firm completion date. Now that construction is underway and will be complete in Q4-2012, efforts are underway to reach out to providers that have expressed interest and initiate contract proceedings.

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:
 No services established at this time, network construction began on September 27, 2012.

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 third party operates (600 words or less).
 Shentel will operate all of the Page County Broadband Authority network as contractor. Lease agreement includes all maintenance required on the network infrastructure and operating equipment.
 Contact: James Funkhouser (james.funkhouser@emp.shentel.com)

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	1	One (1) Lease Agreement signed but network is not yet complete.
	Providers with signed agreements receiving improved access	0	The variance is due to the need for a project modification and EA amendment approval. The project modification was approved by NTIA and NOAA Grants Office in January 2012 and final design is complete for all five network segments. Construction started on September 27, 2012.
	Providers with signed agreements receiving access to dark fiber	1	Lease Agreement signed with Shentel, network is not yet complete. There will be no other agreements signed for dark fiber leasing.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Incremental Service from 1MB to 500MB will be available, but the speed tiers not yet been developed.
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	The variance is due to the need for a project modification and EA amendment approval. The project modification was approved by NTIA and NOAA Grants Office in January 2012 and final design is complete for all five network segments. Construction started on September 27, 2012.
	Subscribers receiving new access	0	The variance is due to the need for a project modification and EA amendment approval. The project modification was approved by NTIA and NOAA Grants Office in January 2012 and final design is complete for all five network segments. Construction started on September 27, 2012.
	Subscribers receiving improved access	0	The variance is due to the need for a project modification and EA amendment approval. The project modification was approved by NTIA and NOAA Grants Office in January 2012 and final design is complete for all five network segments. Construction started on September 27, 2012.
	Please identify the speed tiers that are available and the number or subscribers for each	0	There are no speed tiers established at this time. The PCBA will work to develop speed tiers and pricing in the final quarter of 2012.
Residential / Households	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
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	N/A

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

Network is currently under construction.

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 BTOF 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 BTOF-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 BTOF-funded infrastructure
N/A	N/A	N/A	N/A	N/A

Project Indicators (Next Quarter)

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

Shentel is in the process of finalizing site acquisition, permitting and construction coordination, construction began on September 27, 2012. The project remains on schedule for substantial completion by December 22, 2012. During the next quarter Point of presence facilities will be set in place and agreements complete with all of the Towns for tower leases. Make-ready work will be complete. Permitting will be approved where necessary. It is anticipated that for the next quarter there will be 4.6 new network miles deployed. During the next quarter no new network miles leased, all CAIs will be connected and there will be an increase in the number of signed agreements with broadband wholesalers or last mile providers. It is anticipated that up to two (2) broadband wholesalers/last mile providers will have signed agreements. Network testing is also slated to begin in late-December 2012.

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	89	Variance: During the next quarter it is anticipated that construction will complete and make-ready work will be complete. Network testing will also be underway.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2b.	Environmental Assessment	100	No Variance.
2c.	Network Design	100	No Variance.
2d.	Rights of Way	100	No Variance.
2e.	Construction Permits and Other Approvals	100	No Variance.
2f.	Site Preparation	0	No Variance
2g.	Equipment Procurement	100	Some materials have already been procured by the contractor that would not be affected by the proposed modification approved in January 2012 by NTIA and the NOAA Grants Office. 7 Anticipate procurement complete in Qtr 4-2012.
2h.	Network Build (all components - owned, leased, IRU, etc.)	95	Variance: Only the facility in Luray has been constructed (facility only no equipment) to date. Construction and make-ready work are currently underway. The PCBA anticipates the network build to have substantial completion in Q4-2012.
2i.	Equipment Deployment	100	No Variance.
2j.	Network Testing	50	The variance is due to the need for a project modification and EA amendment approval. The project modification was approved by NTIA and NOAA Grants Office in January 2012. Network testing expected to initiate in Q4-2012 and be complete in Q1-2013.
2k.	Other (please specify):	0	No Variance

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).

During the next quarter the make-ready work and structural modifications to towers will be complete, FCC licensing, collocation agreements and equipment procurement will also be completed. The PCBA also anticipates substantial completion, new network miles deployed and equipment deployment to be complete by December 2012. There are no anticipated impediments to project progress.

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	\$320,362	\$64,073	\$256,289	\$156,249	\$31,090	\$125,160	\$160,000	\$32,000	\$128,000
b. Land, structures, right-of-ways, appraisals, etc.	\$374,522	\$74,904	\$299,618	\$59,681	\$11,936	\$47,745	\$300,000	\$60,000	\$240,000
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$188,825	\$37,765	\$151,060	\$139,886	\$27,977	\$111,909	\$188,825	\$37,765	\$151,060
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$82,500	\$16,500	\$66,000	\$13,805	\$2,761	\$11,044	\$82,500	\$16,500	\$66,000
g. Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$453,730	\$90,746	\$362,984	\$30,746	\$6,149	\$24,597	\$453,730	\$90,746	\$362,984
j. Equipment	\$641,237	\$128,247	\$512,990	\$0	\$0	\$0	\$641,237	\$128,247	\$512,990
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$2,061,176	\$412,235	\$1,648,941	\$400,367	\$79,913	\$320,455	\$1,826,292	\$365,258	\$1,461,034
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$2,061,176	\$412,235	\$1,648,941	\$400,367	\$79,913	\$320,455	\$1,826,292	\$365,258	\$1,461,034

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