

**QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS**

**General Information**

<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b>  Department of Commerce, National Telecommunications and Information Administration	<b>2. Award Identification Number</b>  NT10BIX5570054	<b>3. DUNS Number</b>  831445494
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<b>4. Recipient Organization</b>  Page County Broadband Authority 117 South Court Street, Luray, VA 22835-1224
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<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  03-31-2012	<b>6. Is this the last Report of the Award Period?</b>  <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.**

<b>7a. Typed or Printed Name and Title of Certifying Official</b>  Martha Shickle	<b>7c. Telephone (area code, number and extension)</b>  X
	<b>7d. Email Address</b>  shicklem@shentel.net

<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  05-23-2012
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**Project Indicators (This Quarter)**

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

In July 2011 the Page County Broadband Authority (PCBA) worked diligently with the incumbent electric cooperative and construction partner Shentel to negotiate make ready costs for the aerial construction. No agreement could be reached, and since August 2011 the PCBA and Shentel have worked to develop a modification of the project that would meet the grant objectives, build last mile fiber to critical Community Anchor Institutions (CAI's), be completed within the grant budget and deployed in the grant award period (ending February 28, 2013). Three designs were reviewed and the final design submitted to National Telecommunication and Information Administration (NTIA) as a project modification request and Performance Improvement Plan response in December 2011. The project modification was approved by NTIA, and the National Oceanographic and Atmospheric Administration (NOAA) grants office in January 2012. Since January 2012, the PCBA has negotiated and signed the three (3) contracts: design & construction, operations and fiber leasing, has initiated the fiber re-design, initiated the microwave path design, began site acquisition and initiated the reconsultation of the environmental assessment. All reporting was submitted timely, regular phone meetings with NTIA officials were held, and the PCBA held technical and authority meetings twice monthly to monitor the project.

**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	18	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	90	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). Anticipate no adverse effect determinations from all agencies and supplemental EA submission in April 2012.
2c.	Network Design	20	Variance, A redesign is necessary because of high make ready for proposed aerial construction. Redesign required to substitute microwave backhaul for fiber back haul between communities. Original design was complete as of last reporting period. Redesign initiated following project modification approval in January 2012 and completion of contract amendments with design/build firm. Final construction design to be complete by end of June 2012 or sooner.
2d.	Rights of Way	50	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. Pre-permitting discussions held with VA Department of Transportation (VDOT) in anticipation of underground work proposed.
2e.	Construction Permits and Other Approvals	60	Variance: Pending redesign will require permitting with VDOT for underground in previously proposed aerial areas. No water permits needed and only 2 railroad crossing permits needed. Permitting activities underway following NTIA and NOAA grants office approval of the project modification in January 2012.
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	0	Variance: Purchase of equipment and construction materials was on hold pending NTIA and NOAA grants office approval of project modification. Procurement will begin with completion of design (currently underway).
2h.	Network Build (all components - owned, leased, IRU, etc)	1	Variance: The network build was on hold pending approval of a project modification which was approved in January 2012 by NTIA and the NOAA Grants Office. The approved Project Modification estimates construction of the network to begin following environmental assessment

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
			amendment approval. Only the facility in Luray has been constructed (facility only no equipment).
	2i. Equipment Deployment	0	Purchase of equipment and construction materials was on hold pending approval of project modification which was approved in January 2012 by NTIA and the NOAA Grants Office. Equipment will be deployed once the environmental assessment amendment and final design are complete.
	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. The approved Project Modification estimates construction of the network to begin following environmental assessment amendment and network testing to follow construction of the network.
	2k. Other (please specify):	0	No Variance

**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).**

The project modification was approved by NTIA and NOAA grants office in January 2012. Challenges faced this quarter include the negotiations of the three (3) contracts with Shentel and environment assessment development and approval.

**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.
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.
Number of new wireless links	0	No Variance
Number of new towers	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.
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.

**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

Indicators	
<b>Average term of signed agreements (in quarters)</b>	40

**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 the completion of the network design as a result of the high make-ready cost associated with pole attachments. The PCBA was directed to submit a Project Improvement Plan (PIP) response to NTIA in October 2011 and subsequently submitted a Project Modification Request in December 2011. At this time, PCBA has not signed up any new providers during this modification process. It is anticipated that that agreements will be negotiated in Q2-2012 based on the approval of the Project Modification in January 2012.

**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:**  
The project modification was approved by NTIA and the NOAA Grants Office in January 2012. No services established at this time, network has not yet been constructed.

**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).**  
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)
<b>Broadband Wholesalers or Last Mile Providers</b>	<b>Providers with signed agreements receiving new access</b>	1	Lease Agreement signed, network not yet constructed
	<b>Providers with signed agreements receiving improved access</b>	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.
	<b>Providers with signed agreements receiving access to dark fiber</b>	0	Lease Agreement signed, network not yet constructed
	<b>Please identify the speed tiers that are available and the number of subscribers for each</b>	0	N/A
<b>Community Anchor Institutions (including Government institutions)</b>	<b>Total subscribers served</b>	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.
	<b>Subscribers receiving new access</b>	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.
	<b>Subscribers receiving improved access</b>	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.
	<b>Please identify the speed tiers that are available and the number or subscribers for each</b>	0	N/A
<b>Residential / Households</b>	<b>Entities passed</b>	0	N/A
	<b>Total subscribers served</b>	0	N/A
	<b>Subscribers receiving new access</b>	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 has not yet been constructed.

**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	Network Not Yet Constructed

**Project Indicators (Next Quarter)**

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

Point of presence facilities will be set in place and agreements complete with all of the Towns for ground leases. The pole attachment agreement between the electric utility and the Authority will be complete. Designs will be finalized and make ready negotiations complete. Environmental assessment amendment will be submitted to NTIA for review. The construction contractor will be selected, under contract, and a wage determination request submitted to the NTIA/Department of Labor liaison as necessary. Permitting will be approved where necessary. It is anticipated that for the next quarter there will be no new network miles deployed, no new network miles leased, no CAI's will be connected and there will be no increase in the number of signed agreements with broadband wholesalers or last mile providers.

**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)

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	<b>Overall Project</b>	50	Variance: During the next quarter it is anticipated that a revised design will be complete and the reconsultation for an environmental assessment amendment will be approved with final construction design by the construction contractor Shentel.
2b.	<b>Environmental Assessment</b>	100	We anticipate NTIA will approve the supplemental EA.
2c.	<b>Network Design</b>	100	Baseline predicted original design at 100% completion by end of Qtr 4. Redesign of portions of network changing from aerial to underground construction will be completed. The microwave design and engineering will also be complete.
2d.	<b>Rights of Way</b>	100	No Variance. Work will be in progress for solidifying pole agreement with electric cooperative and VDOT Right-of-Way (ROW) due to a deployment modification. Anticipated completion of these agreements by the end of Q2-2012.
2e.	<b>Construction Permits and Other Approvals</b>	100	No Variance: Permitting complete with VDOT for areas changed to underground deployment, and two railroad crossing permits will be complete.
2f.	<b>Site Preparation</b>	0	No Variance
2g.	<b>Equipment Procurement</b>	75	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. No further equipment will be purchased until design is complete, anticipate procurement to occur Qtr 2 and Qtr 3 2012.
2h.	<b>Network Build (all components - owned, leased, IRU, etc.)</b>	1	Variance: No construction can be started until approval of EA amendment and final design is complete. Anticipated completion of these tasks is Q2-2012. Only the facility in Luray has been constructed (facility only no equipment).
2i.	<b>Equipment Deployment</b>	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.
2j.	<b>Network Testing</b>	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. The PCBA anticipates only having the design complete by the end of Q2-2012 with construction slated to begin in Q3-2012.
2k.	<b>Other (please specify):</b>	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).**

The PCBA intends to have the environmental assessment amendment for areas previously described as aerial that are moving to underground approved in Q2-2012. During this time, final design for network construction, make-ready work, structural modifications (if any) to towers, FCC licensing, collocation agreements and equipment procurement will also be completed.

