

RECIPIENT NAME:Page County Broadband Authority

AWARD NUMBER: NT10BIX5570054

DATE: 02/19/2013

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

ANNUAL 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
4. Recipient Organization Page County Broadband Authority 117 South Court Street, Luray, VA 22835-1224		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2012	6. Is this the last Annual 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 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): 02-19-2013	

OVERALL PROJECT PERFORMANCE INDICATORS

1. Please provide the following average cost figures for your project. Please review the instructions to determine how to calculate these figures. Write "0" in the second column and "N/A" in the third column if your project does not yet have this information. Depending on whether your project contains Middle Mile and/or Last Mile components, some metrics may not apply. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).

Cost Indicator	Average Cost / Speed	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Average cost per new mile (Middle Mile)	36035	Variance due to change in costs as a result of a project modification in early 2012. The inter-community fiber was replaced with microwave transport between towers in each of the proposed funded service areas.
Average cost per household passed (Last Mile)	0	N/A
Average cost per subscriber (Last Mile)	0	N/A
Maximum broadband speed advertised (Middle Mile)	1Gbps	At completion, the fiber middle mile network will provide 1 Gbps transport services to private providers. At completion, the microwave network will provide 1 Gbps transport between towers for interconnection to the fiber.
Maximum broadband speed advertised (Last Mile)	0	N/A
Average broadband speed provided (Middle Mile)	0	N/A: The PCBA will not provide retail services on the network. The network is nearing completion but no private providers are offering services at this time.
Average broadband speed provided (Last Mile)	0	N/A

2. Please provide each facility name and type, the county where the facility is located, and census tract information for any facilities funded by your project during this annual reporting period. Report only facilities for which construction has been completed.

Facility Identifier / Name	Facility Type	County	Census Tracts
See Excel Addendum	N/A	Page	N/A

Add Facility

Remove Facility

3. Please identify (1) the total number of interconnection, peering, and/or transit agreements entered into during this annual reporting period; (2) the total number of agreements of each type that you are currently negotiating; and (3) whether you have denied any request for interconnection and if so, why. If you have not entered into any agreements, please write "N/A."

Interconnection Agreements (600 words or less)

One (1) lease agreement has been signed with the Shenandoah Long Distance Telephone Company (Shentel). The PCBA is not negotiating any interconnection, peering or transit agreements at this time. Now that construction is complete, efforts are underway to reach out to providers that have expressed interest and initiate contract proceedings. No requests for interconnection have been denied by the PCBA at this time.

Peering and Transit Agreements (600 words or less)

N/A

CAPACITY, UTILIZATION, AND CAPABILITY INDICATORS

4. Community Anchor Institutions: In the chart below, please provide information on the types of community anchor institutions capable of receiving service (i.e., anchor institutions connected to your network plus those passed by your network) as a result of BTOP funds.

Type of Community Anchor Institution	Total Number Within Service Area	Type of Community Anchor Institution	Total Number Within Service Area
Schools (K-12)	11	Public Housing	0
Libraries	3	Other Institutions of Higher Education	0
Medical and Healthcare Providers	6	Other Community Support Organizations	5
Public Safety Entities	7	Other Government Facilities	20
Community Colleges	1	Total Community Anchor Institutions	53

5. Please indicate the average increase in broadband speed provided to the community anchor institution customers as a result of your project, including a description of how this increase was calculated (600 words or less).

The network is currently under construction and no community anchor institutions are being served at this time.

6. What retail services are being provided by this project? Please describe below. (600 words or less). As an attachment to this report, please provide pricing plans (in \$ per month) associated with each retail service. Retail services description:

No retail services will be provided by the PCBA.

7a. What network management policies (e.g., bandwidth limitations, traffic prioritization) are in place for the services provided by your project? 7b. Have you ever limited or blocked consumers from accessing any lawful content, service, service provider, or application, or prevented any consumers from attaching any legal device to the network? If so, please explain why (300 words or less)?

The PCBA has contracted with Shentel for third party network operation services. Rates for transport have been established by the PCBA and agreements are currently under development to govern contractual relationships for network transport and network use policies. The network is still under construction at this time, and no private providers are serving customers from the middle mile network currently.

8. If applicable, please provide the total number and the percentage of subscribers who have dropped the broadband service provided through this project (total number of households and/or businesses and the "churn rate") and the subscribers' reasons for discontinuing their service (600 words or less).

N/A

9. Please provide the following information regarding the number of fiber strand-miles:

Total Number of Strand-miles	Total Number of Active Fiber Strand-miles Used by Recipient	Total Number of Leased Fiber Strand-miles	Total Number of Dark Fiber Strand-miles	Total Number of Strand-miles Being Built		
				Active	Leased	Dark
972	486	486	0	0	0	0

10. If you wholesale dark fiber, please list your wholesale customers and the number of fiber miles you currently are leasing to those customers:

One (1) lease agreement has been signed with the Shenandoah Long Distance Telephone Company (Shentel) for dark fiber. No additional agreements for dark fiber will be signed.

11. Please provide the following information regarding the facility collocation capacity:

Total Facility (total square feet for all facilities)	Number of Square Feet Used by Recipient	Number of Square Feet Leased	Number of Square Feet Available
1,494	747	0	747

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12. If you do not own collocation space, please describe how and where other network providers and/or customers interconnect with your network (600 words or less).

The PCBA does provide collocation space for interconnection at the Luray POP. Additional interconnection points are at the Rileyville Tower, Stanley Water Tank, Cub Run Tower, and Shenandoah Water Tank network cabinets.

13. To the extent that you have made any subcontracts or sub grants, please provide the number of subcontracts or sub grants that have been made to socially and economically disadvantaged small business (SDB) concerns as defined by section 8(a) of the Small Business Act, 15 U.S.C. 647, as modified by NTIA's adoption of an alternative small business size standard for use in BTOP. Please also provide the names of these SDB entities (150 words or less).

No sub grants or subcontracts have been made by the recipient to SDB concerns.

14. Please describe any best practices/lessons learned that can be shared with other similar BTOP projects (900 words or less).

It is important for BTOP recipients to begin work on the make-ready connections early in the design process. In many cases, other utility providers may be unaware of their existing infrastructure (including utility poles) and this will cause delays in the project when negotiations and design work for make-ready and pole attachments must be complete. It is also important to have a strong and active management team that can quickly address problems/delays that may arise in a concise and timely manner.

15. Using the Excel spreadsheet template titled "Annual PPR CCI Addendum", please provide an updated list of Community Anchor Institutions (CAIs) that you have connected and plan to connect to your network.

16. Using the Excel spreadsheet template titled "Annual PPR CCI Addendum", please provide a list of community pairs that are receiving new or improved broadband service as a result of BTOP grant funds.

17. Please provide up-to-date network route maps in a single file, in a Google Earth compatible format (e.g., KMZ file).