

**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>  NT10BIX5570129	<b>3. DUNS Number</b>  074746439
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<b>4. Recipient Organization</b>  Rockbridge, County of 150 S. Main St., Ste 6, Lexington, VA 24450-2359
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<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  09-30-2013	<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>  Daniel Grim  GIS Manager	<b>7c. Telephone (area code, number and extension)</b>  5404649656
	<b>7d. Email Address</b>  dan_grim@co.rockbridge.va.us

<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  03-26-2014
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**Project Indicators (This Quarter)**

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

The Lexington School System is already using the RANA network.

The Buena Vista Public School system is evaluating eRate proposals by RANA providers that will greatly increase the bandwidth available for teaching, testing, and research at their four schools, and eliminate a point-to-point wireless network created locally to overcome local Telco limitations.

The Rockbridge County School system is also evaluating eRate proposals by RANA providers. Their current eRate program costs about \$10,000 per month.

The enhanced working environment at the County Administration offices with new 50/10 fiber connection allows the bandwidth to make the move to cloud resources such as Office365 and the new cloud based county website.

The Regional E911 Dispatch Center and County Sheriff's office are now connected by a fiber based WAN, providing for both faster data transfer and disaster recovery/continuity of the enhanced 911 services.

Of all of the available commercial and industrial properties advertised on the County Economic Development website four were targeted as grant-funded business drops, and only one will not be accessible by RANA fiber.

Over the past 8 months, the historic Natural Bridge of Virginia, including hotel and conference center, has been marketed for sale. This historic, national icon and county namesake is the cornerstone of regional tourism. When prospective buyers expressed interest, one of their first questions was always, "does the hotel and conference center have access to a fiber network?" Fortunately, and via sound strategic planning, the RANA network passed directly in front of the hotel and received a grant-funded business drop, which was a key factor in enabling a successful outcome via a unique public/private partnership project. Natural Bridge Hotel has now upgraded to two separate fiber strands, one for their internal systems and the other for high speed guest access. What's more, they have paid for an additional 1,250 ft. fiber connection to the Natural Bridge Caverns offices. Natural Bridge of Virginia has been sold to the Virginia Conservation Legacy Fund (VCLF), a nonprofit organization that, among several goals, seeks to conserve an appropriate portion of Virginia's natural resources for public access and enjoyment. Part of the agreement is that VCLF will eventually deed the Natural Bridge and surrounding properties to become a Virginia State Park.

From a business standpoint we should point to the savings reported by Sayre, Inc. who has enjoyed monthly savings with their fiber connectivity at Natural Bridge Station. Sayre Enterprises is an embroidery and embellishment manufacturing company with production and distribution facilities located in Buena Vista, Virginia. They recently bought the old Natural Bridge High School building in Natural Bridge Station, Virginia to become a business incubator as well as become Sayre Inc. corporate offices. The business incubator known as Stonebridge, has turned the former High School into a multidimensional venue with office space as well as entertainment, athletic, recreational, and educational facilities available for clients. They have new RANA fiber in use at both Buena Vista and Natural Bridge Station locations with multiple strands in use at Natural Bridge Station.

White's Travel Center in Raphine, a grant-funded business drop, that we expect to yield greater economic activity in the immediate area. Fiber availability has enhanced the marketing and development of more properties adjacent to White's with new businesses such as a doctor's office and new logistics company settling in.

In downtown Buena Vista the project has allowed Mariner Media to purchase greater bandwidth to support their publishing business. We can also identify the savings Southern Virginia University received from the development of RANA, saving several thousand dollars a month due to increased competition.

**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	100	We have spent over 95% of the project funds through 2013 Q3. Previous PPR anticipated 100% completion of this milestone. Negative variance is due to the delay in the environmental assessment approval, the delay in getting legal review of the construction contracts, getting Dept. of Transportation permits for work to begin, and delays in getting signed easements. All that is now completed and the construction of the project is 100% complete. The remaining funds that are to be spent account for

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
			work completed in 2013 Q3 but not drawn until 2013 Q4 as well as money left to be invoiced for closeout reporting and documentation work.
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	100	No variance
2g.	Equipment Procurement	100	No variance
2h.	Network Build (all components - owned, leased, IRU, etc)	100	No variance
2i.	Equipment Deployment	100	No variance
2j.	Network Testing	100	No variance
2k.	Other (please specify): Grant Administration	100	Negative variance from the baseline plan is because we applied for a grant extension, which was accepted. The baseline plan does not account for that extension.

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).

One of the issues we had during this quarter was getting permission to install the DSL cabinets within the CenturyLink space. We received that permission for all but 2 of the cabinet sites and have completed the construction at 27 of the DSL sites out of the original 29 planned DSL sites. The backbone construction was completed as scheduled as well as the cabinet construction and the drop construction. We had a very tight time line for drop construction because of the delay in the approval of the Environmental Review but the construction was finished before the September 30th project deadline.

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	70	The baseline plan indicated that there would be 134 new network miles deployed by the end of 2013 Q3. Negative variance is due to the fact that we have submitted a couple route change requests that have reduced the total number of network miles then is shown in the baseline plan. The route change requests were submitted to reduce the amount of total network miles because of landowner easement issues and also because with the added routes, we would not have been able to remain on budget. The current total network backbone miles is 63 and there are a total of 7 miles of business and CAI connections making a project total of 70 miles.
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)	70	The baseline plan indicated that there would be 134 new network miles deployed by the end of 2013 Q3. Negative variance is due to the fact that we have submitted a couple route change requests that have reduced the total number of network miles then is shown in the baseline plan. The route change requests were submitted to reduce the amount of total network miles because of landowner easement issues and also

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
		because with the added routes, we would not have been able to remain on budget. The current total network backbone miles is 63 and there are a total of 7 miles of business and CAI connections making a project total of 70 miles.
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	2	No variance

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	2
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	4
Average term of signed agreements (in quarters)	8

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers: RANA has signed agreements with Rockbridge Global Village (RGV) and Blue Ridge Internet Works (BRI). Shentel has committed to sign an agreement but we are still working with them to finalize the agreement. We have also been talking with Zayo, CenturyLink, and MGW Communications about becoming service providers on the network.

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 network authority will provide both dark fiber and transport at \$50.00 per month, per strand, per mile.

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).

RANA (Rockbridge Area Network Authority) will be operating the entire network. RANA has signed agreements with the County of Rockbridge for network handoff now that construction and the grant period are complete. The current contact person for RANA information is RANA Project Lead Scott Robertson, 150 S. Main St., Lexington, VA 703-286-7415.

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	2	The Baseline plan indicated that there would be 9 signed agreements by the end of 2013 Q3. Negative variance is due to the delay in getting the environmental assessment submitted and approved as well as the delay in the legal review of the network construction bid documents and contract. Construction is now complete and RANA is actively pursuing service providers to offer services on the network.
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Please identify the speed tiers that are available and the number of subscribers for each	0	No variance
Community Anchor Institutions (including Government institutions)	Total subscribers served	52	The Baseline plan indicated that there would be 177 total CAIs served by the end of 2013 Q3. There was a total of 8 installed in 2013 Q3. Negative variance is because as part of the grant there is only a total of 52 CAIs to be served and that was not reflected in the Baseline plan. The Baseline plan originally included both the CAIs and business connections instead of only the CAIs. Fiber has been installed in the completed CAIs.
	Subscribers receiving new access	52	The Baseline plan indicated that there would be 177 total CAIs served by the end of 2013 Q3. There was a total of 8 installed in 2013 Q3. Negative variance is because as part of the grant there is only a total of 52 CAIs to be served and that was not reflected in the Baseline plan. The Baseline plan originally included both the CAIs and business connections instead of only the CAIs. Fiber has been installed in the completed CAIs.
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	100	The network services will be provided by independent service providers and the current services that will be available range in speeds depending on the need of the end user. We expect for the 100Mbps speed tier shown in the total to be the most common among CAIs and large businesses. The maximum speed at this point is 1Gbps symmetric service.
Residential / Households	Entities passed	1,600	No variance
	Total subscribers served	0	The baseline plan indicated that we would be serving a total of 632 residents/households by the end of 2013 Q3. Negative variance is because Residential connections are not a part of the project and so there will be no residential customers connected to the network during the grant period.
	Subscribers receiving new access	0	The baseline plan indicated that we would be serving a total of 632 residents/households by the end of 2013 Q3. Negative variance is because Residential connections are not a part of the project and so there will be no residential customers connected to the network during the grant period.
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	No variance
Businesses	Entities passed	300	No variance
	Total subscribers served	84	The baseline plan indicated that there would be a total of 135 businesses served by the end of 2013 Q3. Negative variance is because there is a total of 84 approved business drops. All construction on the 84 drops was completed during 2013 Q3.
	Subscribers receiving new access	84	The baseline plan indicated that there would be a total of 135 businesses served by the end of 2013 Q3. Negative variance is because there is a total of 84 approved business drops. All construction on the 84 drops was completed during 2013 Q3.
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	No variance

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 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
Maury River Middle School	Lexington	K-12 School	No	The CAI will be using the BTOP-funded infrastructure for faster and lower cost Internet service.
Waddell Elementary School	Lexington	K-12 School	No	The CAI will be using the BTOP-funded infrastructure for faster and lower cost Internet service.
RARO	Lexington	Government Facilities	No	The CAI will be using the BTOP-funded infrastructure for faster and lower cost Internet service.
Rockbridge Chamber of Commerce	Lexington	Government Facilities	No	The CAI will be using the BTOP-funded infrastructure for faster and lower cost Internet service.
Rockbridge Area Community Services	Rockbridge County	Healthcare	No	The CAI will be using the BTOP-funded infrastructure for faster and lower cost Internet service.
Sheriff's Office / Jail	Rockbridge County	Police	No	The CAI will be using the BTOP-funded infrastructure for faster and lower cost Internet service.
Rockbridge County PSA	Rockbridge County	Government Facilities	No	The CAI will be using the BTOP-funded infrastructure for faster and lower cost Internet service.

**Project Indicators (Next Quarter)**

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

For the next quarter, 2013 Q4 (October 1 through December 31), the project will be in the closeout stage. We will be working towards completing all of the necessary reports and submission of the reports before their deadlines.

**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	100	No variance
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	100	No variance
2g.	Equipment Procurement	100	No variance
2h.	Network Build (all components - owned, leased, IRU, etc.)	100	No variance
2i.	Equipment Deployment	100	No variance

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2j.	Network Testing	100	No variance
2k.	Other (please specify): Grant Administration	100	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).**

We are not anticipating any challenges or issues during the closeout period.

**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	\$35,292	\$11,730	\$23,562	\$24,923	\$6,622	\$17,446	\$24,923	\$6,622	\$17,446
b. Land, structures, right-of-ways, appraisals, etc.	\$3,217,789	\$965,337	\$2,252,452	\$3,217,789	\$965,337	\$2,252,452	\$3,217,789	\$965,337	\$2,252,452
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$1,088,379	\$326,514	\$761,865	\$1,086,854	\$326,056	\$760,797	\$1,086,854	\$326,056	\$760,797
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$74,704	\$22,411	\$52,293	\$74,704	\$22,411	\$52,293	\$74,704	\$22,411	\$52,293
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	\$3,731,516	\$1,119,455	\$2,612,061	\$3,731,516	\$1,119,454	\$2,612,062	\$3,731,516	\$1,119,454	\$2,612,062
j. Equipment	\$1,569,042	\$470,713	\$1,098,329	\$1,569,042	\$470,713	\$1,098,329	\$1,569,042	\$470,713	\$1,098,329
k. Miscellaneous	\$279,030	\$86,193	\$192,837	\$287,251	\$89,803	\$197,448	\$287,251	\$89,803	\$197,448
<b>l. SUBTOTAL (add a through k)</b>	\$9,995,752	\$3,002,353	\$6,993,399	\$9,992,079	\$3,000,396	\$6,990,827	\$9,992,079	\$3,000,396	\$6,990,827
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>n. TOTALS (sum of l and m)</b>	\$9,995,752	\$3,002,353	\$6,993,399	\$9,992,079	\$3,000,396	\$6,990,827	\$9,992,079	\$3,000,396	\$6,990,827

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: \$5,182
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