

**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>  NT10BIX5570031	<b>3. DUNS Number</b>  809594377
<b>4. Recipient Organization</b>  Executive Office State of West Virginia 1900 Kanawha Blvd East, Charleston, WV 25305-0009		
<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>  <div style="text-align: center;"> <input type="radio"/> Yes    <input checked="" type="radio"/> No                     </div>	
<b>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>		
<b>7a. Typed or Printed Name and Title of Certifying Official</b>  Jimmy Gianato	<b>7c. Telephone (area code, number and extension)</b>  3045585380	<b>7d. Email Address</b>  jimmy.j.gianato@wv.gov
<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  11-22-2013	

**Project Indicators (This Quarter)**

**1. Please describe significant project accomplishments completed during this quarter (600 words or less).**  
 As of 30 September 2013 by grant definition, 632 community anchor institutes are complete with new construction (fiber & router). 21 of the 632 were accounted for in the 3rd quarter.  
 460 are complete with improved service. 10 of the 460 were accounted for in the 3rd quarter.  
 A total of 1092 community anchors considered complete. 88 routers are left to be distributed. This will bring our total to 1180 sites.  
 The current total numbers for Facility Build Outs (FBO) are 324. Of the 324 there are 324 complete with zero FBO remaining.  
 Total BTOP fiber mileage to date is 675.2 miles which completes BTOP Fiber Miles.  
 On the wireless portion of the project, 12 of the 12 new towers are constructed (one tower needs limbs installed), five of the five rebuild towers are constructed (needs ice bridges and wave guides installed).  
 We have drawn down a total of \$90,515,463.56 for the grant execution.  
 We have included 33 total sites to this report that were either newly completed in the 3rd quarter or previously unaccounted for.  
 We removed 12 sites that are from the Hardy County overlap.  
 We removed 9 sites that were deemed to be duplicate entries on past PPR's.

**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	78	<p>As of 30 September 2013 we have drawn down a total of \$90,515,463.56 for the grant execution. At the end of September 2013, Frontier submitted 100% of their fiber invoices which will push the totals significantly by next quarter. The invoices were submitted and are now in the payment process. Remaining to pay Frontier is Approximately \$25,000,000.</p> <p>As of 30 September 2013 by grant definition, 632 community anchor institutes are complete with new construction (fiber &amp; router). 21 of the 632 were accounted for in the 3rd quarter.</p> <p>460 are complete with improved service. 10 of the 460 were accounted for in the 3rd quarter.</p> <p>A total of 1092 community anchors considered complete. 88 routers are left to be distributed. This will bring our total to 1180 sites.</p> <p>The current total numbers for Facility Build Outs (FBO) are 324. Of the 324 there are 324 complete with zero FBO remaining.</p> <p>Total BTOP fiber mileage to date is 675.2 miles which completes BTOP Fiber Miles.</p> <p>On the wireless portion of the project, 12 of the 12 new towers are constructed (one tower needs limbs installed), five of the five rebuild towers are constructed (needs ice bridges and wave guides installed).</p> <p>We have included 33 total sites to this report that were either newly completed in the 3rd quarter or previously unaccounted for.</p> <p>We removed 12 sites that are from the Hardy County overlap.</p>

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
			We removed 9 sites that were deemed to be duplicate entries on past PPR's.
2b.	Environmental Assessment	99	Progress is still at 99 percent with site inspections for fiber (CAIs) and wireless (towers) ongoing. Proper documentation will be submitted to WVDEP for permit closeout during 4Q 2013.
2c.	Network Design	100	Completed
2d.	Rights of Way	100	Completed
2e.	Construction Permits and Other Approvals	100	Completed
2f.	Site Preparation	100	Completed
2g.	Equipment Procurement	95	Should NTIA approve a GigaPop project there will be additional equipment to order and install.
2h.	Network Build (all components - owned, leased, IRU, etc)	100	Completed
2i.	Equipment Deployment	95	Should NTIA approve a GigaPop project there will be additional equipment to order and install.
2j.	Network Testing	99	Fiber portion 100%; remaining is final wireless testing.
2k.	Other (please specify): N/A	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).**

- As the grant comes to closure, some residual funding will be identified that will be used for additional efforts. During this quarter considerable time and effort was utilized to identify and quantify viable projects. The NTIA Program Manager and his team worked diligently with the WV Grant Implementation Team (ongoing into next quarter) in this initiative.
- The U. S. Government Fiscal Year close restricted the use of ASAP for drawdown of funding during the 2nd half of September. Working closely with the NTIA team we provided notification to our sub-recipients and our vendors minimizing the impact of the ASAP hold-up (due to FY end).
- Ernst & Young commenced their annual A-133 WV audit. This effort causes minimal impact, nonetheless, it takes away from grant production.

**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	675	The current Community Anchor Fiber build out list is at 645 locations with an approximate total mileage for the middle mile portion of 590 miles. Further, the NRAO/WVU build is approximately 85 miles. There are 675 miles complete as of September 30th, 2013. All Frontier construction is complete.
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)	675	The current Community Anchor Fiber build out list is at 645 locations with an approximate total mileage for the middle mile portion of 590 miles. Further, the NRAO/WVU build is approximately 85 miles. There are 675 miles complete as of September 30th, 2013. All Frontier construction is complete.

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Number of new wireless links	494	Last report showed 525 radios installed in error. As of this report we actually installed 494. This was an administrative error. We have remaining to install 6 TruePoint and 54 IRU BB radios to complete installation.
Number of new towers	17	Towers are complete. Pending final inspections and Testing.
Number of new and/or upgraded interconnection points	623	The fiber connection points directly correlate with the fiber build out and as of this report 623 sites have new fiber. As the project comes to completion, this number will grow accordingly. This number increased from last report because previous reports included only wireless connection points.

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	0
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	0
Average term of signed agreements (in quarters)	40

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers: NONE

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:

Access per Fiber Strand \$5.27

Maintenance Cost per Fiber Strand \$0.36

Total Fiber Strands Ordered

TOTAL Charges \$ (To Be Determined)  
(need to add total fibers before final)

Non Recurring Costs

Service Order Charge per request \$162.50

BTOP Fiber Look Up, Engineering Fee \$248.75

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).

Frontier Communications (Sub-recipient) / 304-344-3939 (TELCO portion of MPLS contract)

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)

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	AS PER BASELINE
	Providers with signed agreements receiving improved access	0	AS PER BASELINE
	Providers with signed agreements receiving access to dark fiber	0	AS PER BASELINE
	Please identify the speed tiers that are available and the number of subscribers for each	0	AS PER BASELINE
Community Anchor Institutions (including Government institutions)	Total subscribers served	1,092	A total of 1092 community anchors considered complete. 88 routers are left to be distributed. This will bring our total to 1180 sites.  We have included 31 total sites to this report that were either newly completed in the 3rd quarter or previously unaccounted for.  We removed 12 sites that are from the Hardy County overlap.  We removed 16 sites that were deemed to be duplicate entries on past PPR's.
	Subscribers receiving new access	632	632 community anchor institutes are complete with new construction (fiber & router). 21 of the 632 were accounted for in the 3rd quarter.
	Subscribers receiving improved access	460	460 are complete with improved service. 10 of the 460 were accounted for in the 3rd quarter.
	Please identify the speed tiers that are available and the number or subscribers for each	0	<10meg =225 connected 10meg-50meg=440 connected >50meg=427 connected DARK FIBER As this grant comes to fruition, these numbers will adjust from estimated to actual.
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	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).**

There are no new offerings since the last quarterly report.

**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
SEE ADDENDUM	N/A	N/A	No	SEE ADDENDUM

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**  
 The primary accomplishment for full completion during the next quarter is the completion of the entirety of the Frontier fiber build out, including the Community Anchor Institutions (CAI).  
 The primary accomplishment for full completion during the next quarter is the proposed change out of CISCO 3945 routers, enabling additional routers and funding available for the overall grant completion.  
 We do not anticipate any broadband wholesaler agreements in this quarter.  
 We further anticipate completion of the wireless portion of the build out. The last of the five replacement towers should be completed.  
 After receipt of the end equipment for the WVU / NRAO portion of the build, we should complete this portion of the project.  
 With residual funding, we anticipate NTIA approval and construction of a WV Core initiative (currently under review).  
 We anticipate close out of construction of the entire project during the upcoming quarter.  
 We expect the UCC filing and related covenants to be 95% complete during the quarter.  
 We plan to connect zero miles of fiber.  
 81 routers are left to be distributed. This will bring our total to 1180 sites.

**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	92	The planned percent completed is based on funding drawn down on ASAP. There remains an inherent administrative delay in payment of Frontier invoices. All of their invoices will be paid either prior to or immediately in the early stages of the close out. When combined with the remaining invoices to receive and the approximately 4% not committed, and approval of a potential residual funds project, we will be at 100% during grant close out. We plan to have spent \$146,829,619 of the \$159,823,296 by the end of quarter 4.
2b.	Environmental Assessment	100	Completion of inspections and permit closeout are projected by end of 4Q 2013. closeout documents will be prepared during 1Q 2014.
2c.	Network Design	100	Completed
2d.	Rights of Way	100	Completed

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2e.	Construction Permits and Other Approvals	100	Completed
2f.	Site Preparation	100	Completed
2g.	Equipment Procurement	100	Completed
2h.	Network Build (all components - owned, leased, IRU, etc.)	100	Completed
2i.	Equipment Deployment	100	Completed
2j.	Network Testing	100	Completed
2k.	Other (please specify): N/A	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 wireless portion of the project has the following challenges during the next quarter:

- During late October and early November 2013, the Grant Implementation Team will continue working with NTIA to identify and quantify utilization of residual WV BTOP Funding. NTIA continues to diligently work with our team in this effort. Significant considerations with any identified project will be the time required to complete the project vs the expiration construction time to complete the grant.
  - Should the U. S. Government have a shutdown, it remains unclear the impact to the WV BTOP. The NTIA Program Manager continues to work with the GIT to develop plans sufficient to continue grant efforts should such a shut down occur. Should there be a full government shutdown, it could have significant impacts to the WV Grant Construction.
  - As normal with any major construction project, the final tweaking and accounting will be a major endeavor. NTIA is committed to work with us during the construction close out planning and the overall grant close out.
- \* The road at Workman must be rerouted in order to deliver the antennae to the site. The contractor is waiting on the purchase order to complete this effort. The Grant Implementation Team will continue to monitor this effort.
- \* As we receive an inventory WEB based program, we must enter inventory detail onto the system. This will require considerable manpower effort.

**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	\$3,830,000	\$105,000	\$3,725,000	\$2,687,046	\$105,000	\$2,536,056	\$3,100,000	\$105,000	\$2,995,000
b. Land, structures, right-of-ways, appraisals, etc.	\$538,200	\$0	\$538,200	\$409,965	\$0	\$409,965	\$425,000	\$0	\$425,000
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$13,270,236	\$0	\$13,270,236	\$12,404,958	\$0	\$12,404,958	\$13,150,100	\$0	\$13,150,100
e. Other architectural and engineering fees	\$5,407,800	\$0	\$5,407,800	\$2,130,001	\$0	\$2,130,001	\$5,125,000	\$0	\$5,125,000
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$700,000	\$0	\$700,000	\$677,237	\$0	\$677,237	\$700,000	\$0	\$700,000
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$78,722,630	\$27,192,000	\$51,530,630	\$49,811,115	\$27,192,000	\$22,619,115	\$67,392,800	\$27,192,000	\$40,200,800
j. Equipment	\$56,736,719	\$6,203,000	\$50,533,719	\$55,796,822	\$6,203,000	\$49,593,705	\$56,736,719	\$6,203,000	\$50,533,719
k. Miscellaneous	\$617,711	\$0	\$617,711	\$146,416	\$0	\$144,426	\$200,000	\$0	\$200,000
<b>l. SUBTOTAL (add a through k)</b>	\$159,823,296	\$33,500,000	\$126,323,296	\$124,063,560	\$33,500,000	\$90,515,463	\$146,829,619	\$33,500,000	\$113,329,619
m. Contingencies									
<b>n. TOTALS (sum of l and m)</b>	\$159,823,296	\$33,500,000	\$126,323,296	\$124,063,560	\$33,500,000	\$90,515,463	\$146,829,619	\$33,500,000	\$113,329,619

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
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