

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 NT10BIX5570157	3. DUNS Number 830149840
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4. Recipient Organization

Adams County Communications Center, Inc. 7321 Birch Street, Commerce City, CO 80022-1446

5. Current Reporting Period End Date (MM/DD/YYYY) 09-30-2013	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 Michael Brunwsig	7c. Telephone (area code, number and extension) 303-227-7117 X
	7d. Email Address mbrunswig@adcom911.org

7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 10-23-2013
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Project Indicators (This Quarter)			
<p>1. Please describe significant project accomplishments completed during this quarter (600 words or less).</p> <p>During the third quarter of 2013 ADCOM911 maintained its focus backhaul network development. We installed microwaves at the Adams County Justice Center, Front Range Airport, and the Hoyt Tower site. These microwaves will add additional network miles to our existing broadband network, providing new broadband service at the three locations. Additionally during the third quarter ADCOM911 concluded negotiations with FirstNet without coming to an amicable resolution regarding the language of the SMLA. Recently FirstNet has reached out to ADCOM911 again with the desire to further negotiate the terms of the SMLA. ADCOM911 is awaiting further information from FirstNet representatives. ADCOM911 requested an extension from the NTIA to move forward with the broadband portions of the BTOP Grant. The extension was granted on Sept. 11th 2013, and ADCOM911 began work to submit a route modification, revised budget, and revised project plan.</p>			
<p>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).</p>			
	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	66	During the 3rd quarter of 2013 we added 3 new microwave hops to the broadband network. This was the only significant work completed during this time period due to the uncertainty of grant funding.
2b.	Environmental Assessment	100	No Variance. If the route modification is approved by the NTIA ADCOM911 may need to perform additional Environmental Assessments and the percent complete may change.
2c.	Network Design	100	No Variance. If the route modification is approved by the NTIA the Network Design will be re-visited and the percent complete may change.
2d.	Rights of Way	100	No Variance
2e.	Construction Permits and Other Approvals	100	No Variance
2f.	Site Preparation	68	With the uncertainty of grant funding during Q3 of 2013 ADCOM911 did not award a contract to complete the site security measures.
2g.	Equipment Procurement	80	There were no significant equipment purchases during Q3 of 2013, hence the percentage remaining at 80%.
2h.	Network Build (all components - owned, leased, IRU, etc)	62	Three new microwave paths were installed and the Justice Center, Front Range Airport, and the Hoyt tower. The fiber installation at the Cherokee Site has not been completed due to a lengthy easement process with the City of Northglenn.
2i.	Equipment Deployment	46	Three new microwave paths were installed and the Justice Center, Front Range Airport, and the Hoyt tower.
2j.	Network Testing	42	Three new microwave paths were installed, connected and tested at the Justice Center, Front Range Airport, and the Hoyt tower.
2k.	Other (please specify):	0	N/A
<p>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).</p> <p>The SMLA negotiations with FirstNet, as well as the looming deadline of the BTOP Grant, presented a challenging landscape for ADCOM911 during the third quarter of 2013. Much of the planned work was put on hold until we had a solid understanding of the availability of funds moving forward.</p>			
<p>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).</p>			

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	91	We installed 48 new network miles in the form of high speed microwaves during Q3 of 2013.
New network miles leased	0	N/A
Existing network miles upgraded	90	No variance from previous quarter report.
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	5	No variance from previous quarter report.
Number of new wireless links	6	We installed 3 new microwave hops during Q3 of 2013.
Number of new towers	2	No variance from previous quarter report.
Number of new and/or upgraded interconnection points	6	No variance from previous quarter report.

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)	0

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:
N/A

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:
N/A

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).
N/A

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	0	N/A
	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	N/A
Community Anchor Institutions (including Government institutions)	Total subscribers served	7	4 subscribers currently have equipment installed and configured and are actively using the connection today. 2 of the subscribers have equipment installed, and will be ready to begin use of the new link when they have integrated the link with their existing network. One remaining site has fiber installed, but does not have equipment installed yet. We are waiting for the site owner to prepare the room to house equipment.
	Subscribers receiving new access	3	Adams County Government center has fiber installed, though no equipment has been installed as noted above. The City of Brighton and the Adams County Justice Center now have fiber and routing equipment installed, where they had no access previously.
	Subscribers receiving improved access	4	City of Commerce City formerly used an outdated microwave link. Brighton Police formerly used a T1 line. Southwest Adams County Fire currently uses an internet based VPN, limited to 1 Mbps. Once they have integrated the link to their own network, they will begin using improved access as noted above.
	Please identify the speed tiers that are available and the number or subscribers for each	4	Each fiber link is operating at 1 Gbps, with connection to an Aggregation Point. The connections between Aggregation Points are operating at 10 Gbps. Since most individual links will carry more than one subscriber, each subscriber is provided 100 Mbps back to the aggregation points. Currently 2 subscribers are using 100 Mbps, and one subscriber is using 10 Gbps. The remainder will be using 100 Mbps when activated.
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).

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
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).
 ADCOM911 plans to complete the route modification, revised budget, and revised project plan and submit those documents to the NTIA for review. Assuming a timely acceptance of those plans ADCOM911 anticipates the release of an RFP, and the award of a contract for fiber optic construction, as well as microwave installation during the fourth quarter of 2013. ADCOM911 also plans to award a contract for site security, and hope to have that work completed during the fourth quarter of 2013.

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	72	We anticipate completion of the administrative tasks associated with the grant extension. This includes the formulation of a revised budget, and a route modification. Assuming a timely acceptance of these documents, we anticipate beginning the process of vendor selection to complete portions of the broadband network build out.
2b.	Environmental Assessment	100	We anticipate one additional EA, or a modification to our existing EA based upon our plans for network expansion. This additional EA is predicated upon the acceptance of ADCOM911's route modification.
2c.	Network Design	100	We anticipate additional network design activities to take place based upon the assumption of acceptance of ADCOM911's route modification.
2d.	Rights of Way	100	We anticipate some additional Rights of Way for fiber optic development based upon the assumption of acceptance of ADCOM911's route modification.
2e.	Construction Permits and Other Approvals	100	We anticipate some additional Construction Permits for fiber optic development based upon the assumption of acceptance of ADCOM911's route modification.
2f.	Site Preparation	75	We anticipate Site Preparation work to take place during the 4th quarter of 2013 once ADCOM911 awards a contract for site security measures, for which we have already obtained competitive bids.
2g.	Equipment Procurement	82	We do not anticipate significant equipment procurement during the 4th quarter of 2013, as much of the planned work will focus on achieving approval for the route modification, and the procurement of competitive bids to complete equipment purchases.
2h.	Network Build (all components - owned, leased, IRU, etc.)	75	We have resolved the easement issues with the City of Northglenn related to the Cherokee Site fiber, and anticipate this work to be completed during the 4th quarter of 2013. We also anticipate the completion of the splicing and terminations for the Jefferson County, Denver, Adcom fiber connection.
2i.	Equipment Deployment	50	We do not anticipate significant equipment deployment during the 4th quarter of 2013, as much of the planned work will focus on achieving approval for the route modification, and the procurement of competitive bids to complete equipment purchases.
2j.	Network Testing	60	If the Jefferson County link and the Cherokee Site fiber work is completed, a substantial portion of the fiber network will be completed and can be tested.
2k.	Other (please specify):	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).

While the LTE portion of the Grant was suspended during the third quarter of 2013 ADCOM911 focused it's efforts on developing plans

RECIPIENT NAME:Adams County Communications Center, Inc.

AWARD NUMBER: NT10BIX5570157

DATE: 10/23/2013

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 6/30/2015

to utilize the remaining Broadband funds to connect additional CAI's, and add additional network miles to our Broadband Network. At this juncture ADCOM911 is proceeding with plans to expend Grant funds for use in the Broadband Network. We will need to work closely with representatives of the NTIA to accomplish these goals. In particular in formulating a revised project plan, route modification, and a revised budget.

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	\$303,000	\$150,000	\$153,000	\$272,626	\$84,717	\$187,909	\$309,000	\$89,000	\$220,000
b. Land, structures, right-of-ways, appraisals, etc.	\$1,121,040	\$1,076,040	\$45,000	\$1,058,386	\$997,045	\$61,341	\$1,059,045	\$997,045	\$62,000
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$10,500	\$0	\$10,500	\$9,700	\$0	\$9,700	\$9,700	\$0	\$9,700
e. Other architectural and engineering fees	\$5,944,251	\$1,253,750	\$4,690,501	\$5,709,072	\$1,273,838	\$4,435,234	\$5,735,000	\$1,275,000	\$4,460,000
f. Project inspection fees	\$0	\$0	\$0	\$100	\$0	\$100	\$100	\$0	\$100
g. Site work	\$503,500	\$0	\$503,500	\$196,646	\$38,037	\$158,609	\$247,037	\$38,037	\$209,000
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$2,451,391	\$1,101,550	\$1,349,841	\$890,859	\$333,002	\$557,857	\$890,859	\$333,002	\$557,857
j. Equipment	\$6,345,080	\$960,000	\$5,385,080	\$3,452,645	\$570,801	\$2,881,844	\$3,552,645	\$570,801	\$2,981,844
k. Miscellaneous	\$0	\$0	\$0	\$7,488	\$0	\$7,488	\$8,572	\$0	\$8,572
l. SUBTOTAL (add a through k)	\$16,678,762	\$4,541,340	\$12,137,422	\$11,597,522	\$3,297,440	\$8,300,082	\$11,811,958	\$3,302,885	\$8,509,073
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$16,678,762	\$4,541,340	\$12,137,422	\$11,597,522	\$3,297,440	\$8,300,082	\$11,811,958	\$3,302,885	\$8,509,073

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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