

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
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) 06-30-2014	6. Is this the last Report of the Award Period? <div style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </div>	
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): 08-26-2014	

Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (600 words or less).
 During the second quarter of 2014 ADCOM911 and General Dynamics completed the installation of LTE equipment at the first 'cluster' of sites identified in the contract. As of the end of the quarter ADCOM911 had 6 sites live and on the air. ADCOM911 continued work on construction permitting for the remaining sites in our project. ADCOM911 applied for and received our block of PLMN ID's from FirstNet which will allow us to begin programming SIM cards and testing UE devices on the Network. Construction began on fiber optic build out as well, which was approximately 40% completed by the end of the 2nd quarter. ADCOM911 has also completed a majority of the site work planned for this project (UPS, electrical etc.).

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	80	During the 2nd quarter of 2014 ADCOM911 has successfully brought 6 LTE sites onto the network, and coverage and drive testing has been largely completed for those sites. Approximately 40% of the fiber optic build has been completed, and the majority of the site security work has also been completed. ADCOM911 is in the process of programing the first batch of SIM cards so that we can begin testing UE devices on the live network.
2b.	Environmental Assessment	100	No Variance. It has been determined that no additional Environmental Assessment work will be required to complete the project.
2c.	Network Design	100	No Variance. The network design has been fully completed.
2d.	Rights of Way	100	No Variance.
2e.	Construction Permits and Other Approvals	95	No Variance. The remaining sites in our project will require permits, and the work is underway however these permits have not been approved as of the end of the 2nd quarter.
2f.	Site Preparation	85	Site preparation has been completed for the 6 completed sites, as well as several of the upcoming sites, however there is still site prep work to be done on the remaining sites.
2g.	Equipment Procurement	88	ADCOM911 paid the first General Dynamics invoice toward equipment provided by GD per the contract. A portion of the 2nd milestone payment from GD will go toward equipment as well, which will take place during the 3rd Q. There are also additional network equipment purchases to be made, as well as UE purchases.
2h.	Network Build (all components - owned, leased, IRU, etc)	82	Approximately 1/3 of the LTE sites have been installed. The fiber optic construction is approximately 40% complete, and there are still several remaining microwave connections to be installed.
2i.	Equipment Deployment	70	Approximately 1/3 of the LTE equipment has been deployed to the sites.
2j.	Network Testing	70	Drive testing of the first cluster of 6 LTE sites has been completed.
2k.	Other (please specify):	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).
 ADCOM911 did not face any significant challenges during the 2nd quarter of 2014 where technical assistance from the BTOP program could have been useful.

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	93	During the 2nd quarter of 2014 approximately 2 miles of fiber optic cable was constructed.
New network miles leased	0	N/A
Existing network miles upgraded	90	No change from Q1 2014.
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	7	During the 2nd quarter of 2014 approximately 2 miles of fiber optic cable was constructed.
Number of new wireless links	6	No change from Q1 of 2014.
Number of new towers	2	No change from Q1 of 2014.
Number of new and/or upgraded interconnection points	6	No change from Q1 of 2014.

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

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A
	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	14	6 new CAI's were provided with access to the network.
	Subscribers receiving new access	8	No change from Q1 2014.
	Subscribers receiving improved access	6	No change from Q1 2014.
	Please identify the speed tiers that are available and the number or subscribers for each	4	No change from Q1 2014.
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	Type of Anchor	Are you also the	Narrative description of how anchor institutions are using BTOP-
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	Area (town or county)	Institution (as defined in your baseline)	broadband service provider for this institution? (Yes / No)	funded infrastructure
NA	NA	NA	NA	NA
Adams County Detention Center	Adams County	Public Safety Facility	No	Upon further clarification from the Grants Office ADCOM has added this facility to the list of connected CAI's, as the physical connection is currently in place, though we are not currently passing data on that link.
School District 27J	Brighton/ Adams County	Schools (K-12)	No	Upon further clarification from the Grants Office ADCOM has added this facility to the list of connected CAI's, as the physical connection is currently in place, though we are not currently passing data on that link. The link to this institution will also be serviced by Eagle Net via an IRU agreement.
Jefferson County Sheriffs Communications Center PSAP	Jefferson County	Public Safety Facility	No	Upon further clarification from the Grants Office ADCOM has added this facility to the list of connected CAI's, as the physical connection is currently in place, though we are not currently passing data on that link.
Jefferson County Administration and Courts Facility	Jefferson County	Government Facility	No	Upon further clarification from the Grants Office ADCOM has added this facility to the list of connected CAI's, as the physical connection is currently in place, though we are not currently passing data on that link.
Denver Unified Communication Center PSAP	City and County of Denver	Public Safety Facility	No	Upon further clarification from the Grants Office ADCOM has added this facility to the list of connected CAI's, as the physical connection is currently in place, though we are not currently passing data on that link.
Denver Federal Center	City and County of Denver	Government Facility	No	Upon further clarification from the Grants Office ADCOM has added this facility to the list of connected CAI's, as the physical connection is currently in place, though we are not currently passing data on that link.

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).
 ADCOM911 anticipates that construction on the remaining LTE sites will be completed during the next quarter. We also expect that coverage and drive testing will be completed for roughly 50% of the sites. ADCOM911 expects that the fiber optic construction will be completed by the end of the quarter as well, which will bring the total network mileage up to 95 miles. ADCOM911 has received a small batch of test SIM cards, and will, with assistance from FirstNet, program these cards and begin operational testing on the LTE network with a handful of users from our departments. ADCOM911 expects that connections to an additional 4 CAI's will be completed the end of the third quarter.

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	90	We anticipate that all of the LTE sites will be operational by the end of the quarter, and that fiber optic construction will be completed.
2b.	Environmental Assessment	100	No additional EA work is anticipated
2c.	Network Design	100	No additional Network Design is anticipated
2d.	Rights of Way	100	All rights of way have been obtained
2e.	Construction Permits and Other Approvals	100	We anticipate that all construction permits will be issued in the coming weeks.
2f.	Site Preparation	100	We anticipate that all Site Prep activities will be completed.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2g.	Equipment Procurement	93	The remaining network equipment is on order and will be invoiced during the 3rd quarter. We also anticipate additional LTE UE purchases, and network test equipment, as well as some application hardware purchases.
2h.	Network Build (all components - owned, leased, IRU, etc.)	92	We anticipate the fiber optic construction to be completed by the end of the quarter as well as the remaining LTE sites.
2i.	Equipment Deployment	85	We anticipate that the remainder of the LTE sites will be deployed, as well as a portion of the network equipment for backhaul. We also hope to deploy some UE devices to the public safety users for testing.
2j.	Network Testing	82	We anticipate that roughly 2/3 of the LTE network will be tested, as well as the fiber optic network currently under construction.
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).

At this time there are no known issues for which the BTOP program may be of assistance in terms of project progress.

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	\$583,584	\$114,686	\$468,898	\$381,635	\$92,411	\$289,224	\$427,635	\$98,411	\$329,224
b. Land, structures, right-of-ways, appraisals, etc.	\$1,543,553	\$1,441,125	\$102,428	\$1,335,936	\$1,274,595	\$61,341	\$1,419,201	\$1,357,860	\$61,341
c. Relocation expenses and payments	\$5,000	\$0	\$5,000	\$0	\$0	\$0	\$5,000	\$0	\$5,000
d. Architectural and engineering fees	\$9,700	\$0	\$9,700	\$9,700	\$0	\$9,700	\$9,700	\$0	\$9,700
e. Other architectural and engineering fees	\$7,424,536	\$1,363,804	\$6,060,732	\$6,183,319	\$1,287,561	\$4,895,758	\$7,206,722	\$1,307,561	\$5,899,161
f. Project inspection fees	\$100	\$0	\$100	\$100	\$0	\$100	\$100	\$0	\$100
g. Site work	\$663,878	\$38,037	\$625,841	\$254,063	\$38,037	\$216,026	\$304,063	\$38,037	\$266,026
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$1,505,943	\$746,992	\$758,951	\$1,160,549	\$602,692	\$557,857	\$1,369,849	\$746,992	\$622,857
j. Equipment	\$4,769,371	\$676,501	\$4,092,870	\$3,836,749	\$676,501	\$3,160,248	\$4,061,749	\$676,501	\$3,385,248
k. Miscellaneous	\$12,900	\$0	\$12,900	\$10,841	\$0	\$10,841	\$11,985	\$0	\$11,985
l. SUBTOTAL (add a through k)	\$16,518,565	\$4,381,145	\$12,137,420	\$13,172,892	\$3,971,797	\$9,201,095	\$14,816,004	\$4,225,362	\$10,590,642
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$16,518,565	\$4,381,145	\$12,137,420	\$13,172,892	\$3,971,797	\$9,201,095	\$14,816,004	\$4,225,362	\$10,590,642

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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