

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 NT10BIX5570069	3. DUNS Number 943058925
4. Recipient Organization Iowa Communications Network 400 E 14TH ST, Des Moines, IA 50319-9000		
5. Current Reporting Period End Date (MM/DD/YYYY) 06-30-2013	6. Is this the last Report of the Award Period? <input checked="" type="radio"/> Yes <input 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 Mike Cruise	7c. Telephone (area code, number and extension) X	7d. Email Address Mike.Cruise@iowa.gov
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 02-19-2014	

Project Indicators (This Quarter)

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

The ICN completed the operational phase of its BTOP project on time and under budget. All engineering and installations are completed. All sites as identified in the grant application and amended by AAR are installed and operational. All planned IRU's are completed and connected. The goal of the project is to improve four functions of the Iowa Communications Network (ICN) and to provide broadband opportunities for two sub-recipients, The city of Decorah Metronet and the Sac & Fox Tribe of the Mississippi in Iowa (Meskwaki). The first improved function resulted in an upgrade to the backbone transport platform and routers in our network. This was accomplished with the installation of ADVA DWM equipment which upgraded the ICN backbone. We also installed higher capacity routers at several major traffic points. This allows increased bandwidth in all 99 Iowa counties with up to a 10 Gbps capable backbone. The original project objective was to provide a 1 Gbps backbone but due to being under-budget higher capacity routers were able to be purchased within the approved budget. This has also increased network redundancy capabilities. The second improve function was the installation of new switching equipment at customer or edge sites allowing them to have up to 1 Gbps data service. The legacy equipment was replaced which simplifies the process of troubleshooting and brings our authorized users up to the bandwidth capacity that their applications require in a cost effective solution. The third improvement was the procurement of dark fiber IRU leases to allow increased capacities to be provided the the edge customers. Authorized users who previously had leased connections typically at 1.5 Mbps were immediately able to access up to 10 Mbps with the potential to get up to 100 Mbps in the future. The Sac & Fox Tribe of the Mississippi in Iowa (sub-recipient) has completed its effort to turn up Internet service to the tribal homes according to customer requests. This provides their school, medical clinic and tribal center as well as 197 homes with high-speed data capacities. The BTOP has afforded the Meskwaki community the opportunity to strengthen and enhance the Tribe's goal to further education, improve quality of life and provide accessibility to the governing nation and its community. This provides a foundation to build better and brighter futures. The Decorah Metronet (sub-recipient) has completed fiber installations and purchased new router equipment which will allow governmental and educational entities in the city of Decorah to be connected on their backbone at the previously mentioned capacities. Additionally, they now have the ability to store data off-site and at multiple locations which will allow for network redundancy. The fourth improved function is the the increased ability of the Iowa Homeland Security and Emergency Management Division to provide Next Generation 9-1-1 (NG911) connections across the state. The NG911 deployment consists of a highly available emergency services IP network connecting all Public Safety Answering Points (PSAPs) in the state to two geographically redundant call logic centers.

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	The ICN dropped 283 total CAI's from ICN's original planned list of 3,101. A total of 2,818 CAI's were served through the project activities resulting in 95% spent.
2b.	Environmental Assessment	100	EA FONSI received February 21, 2011, funds budgeted for EA were included in 424C Site preparation and 100% of budget expended.
2c.	Network Design	100	The ICN dropped 283 total CAI's from ICN's original planned list of 3,101. A total of 2,818 CAI's were served through the project activities resulting in 95% spent.
2d.	Rights of Way	100	No separate budget for Rights of Way, percent complete to be tied to Network build milestone percent complete. Construction being done on sub-recipient owned property, not subject to approval by outside governing bodies.
2e.	Construction Permits and Other Approvals	100	No separate budget for Construction Permits etc., percent complete to be tied to Network build milestone percent complete. Construction being done on sub-recipient owned property, not subject to approval by outside governing bodies.
2f.	Site Preparation	100	N/A. The Iowa Communications Network does not have activities that meet the definition of Site Preparation per the Baseline instructions. The breakout of Site Work from the Infrastructure Budget Execution Detail page are located in EA, Network Design and Equipment Deployment.
2g.	Equipment Procurement	100	The ICN dropped 283 total CAI's from ICN's original planned list of 3,101. This resulted in total spending on equipment being \$988,727 less than budgeted.

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2h.	Network Build (all components - owned, leased, IRU, etc)	100	No variance from baseline.
2i.	Equipment Deployment	100	The ICN dropped 283 total CAI's from ICN's original planned list of 3,101. This resulted in total spending on equipment being \$988,727 less than budgeted.
2j.	Network Testing	100	The ICN dropped 283 total CAI's from ICN's original planned list of 3,101.
2k.	Other (please specify): N/A	100	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).

All work has been completed as represented in the above reported figures.

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	26	Variance from baseline is due to actual miles reported from sub-recipients being more than estimated miles.
New network miles leased	97	Changes in Network Miles Leased were based on changes to physical work sites and was not based on a functional relationship with CAIs. There was a very minor reduction in miles leased: 99 reduced to 97.
Existing network miles upgraded	3,000	No variance from baseline.
Existing network miles leased	0	No variance from baseline.
Number of miles of new fiber (aerial or underground)	26	Shows only new fiber deployed. Previous reports included new fiber miles leased and existing fiber miles upgraded.
Number of new wireless links	0	No variance from baseline.
Number of new towers	0	No variance from baseline.
Number of new and/or upgraded interconnection points	105	No variance from baseline.

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 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	No variance from baseline.
	Providers with signed agreements receiving improved access	0	No variance from baseline.
	Providers with signed agreements receiving access to dark fiber	0	No variance from baseline.
Community Anchor Institutions (including Government institutions)	Please identify the speed tiers that are available and the number of subscribers for each	0	No variance from baseline.
	Total subscribers served	2,818	Baseline shows 3,081. Variance due to changes documented in approved AAR's.
	Subscribers receiving new access	461	Baseline shows 467. Variance due to changes documented in approved AAR's.
	Subscribers receiving improved access	2,357	Baseline shows 2,617. Variance due to changes documented in approved AAR's.
Residential / Households	Please identify the speed tiers that are available and the number of subscribers for each	2,818	Up to 1 Gb.
	Entities passed	197	Variance to baseline is due to lack of information at the time of application to project statistics.
	Total subscribers served	197	Variance to baseline is due to lack of information at the time of application to project statistics.
	Subscribers receiving new access	197	Variance to baseline is due to lack of information at the time of application to project statistics.
	Subscribers receiving improved access	0	No variance from baseline.
Businesses	Please identify the speed tiers that are available and the number of subscribers for each	197	Up to 1 Gb.
	Entities passed	178	Variance to baseline is due to lack of information at the time of application to project statistics.
	Total subscribers served	9	Variance to baseline is due to lack of information at the time of application to project statistics.
	Subscribers receiving new access	7	Variance to baseline is due to lack of information at the time of application to project statistics.

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Subscribers receiving improved access	2	No variance from baseline.
	Please identify the speed tiers that are available and the number of subscribers for each	2	Up to 1 Gb.

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	All work was completed by June 30, 2013 so there are no CAI's to report here for the 3Q-2013.

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).
The ICN expects to complete project close out processes and documentation during the next 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	100	The ICN dropped 283 total CAI's from ICN's original planned list of 3,101. A total of 2,818 CAI's were served through the project activities resulting in 95% or total funds expected to be spent.
2b.	Environmental Assessment	100	No variance from baseline.
2c.	Network Design	100	The ICN dropped 283 total CAI's from ICN's original planned list of 3,101. A total of 2,818 CAI's were served through the project activities resulting in 95% or total funds expected to be spent.
2d.	Rights of Way	100	No separate budget for Rights of Way, percent complete to be tied to Network build milestone percent complete. Construction being done on sub-recipient owned property, not subject to approval by outside governing bodies.
2e.	Construction Permits and Other Approvals	100	No separate budget for construction permits, milestone percent complete tied to Network build. Construction being done on sub-recipient owned property, not subject to approval by outside governing bodies.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2f.	Site Preparation	100	The ICN does not have activities that meet the definition of Site Preparation per the Baseline instructions. Breakout of Site Work from the Infrastructure Budget Execution Detail page are located in EA, Network Design and Equipment Deployment.
2g.	Equipment Procurement	100	The ICN dropped 283 total CAI's from ICN's original planned list of 3,101. This will result in total spending on equipment being \$988,727 less than budgeted.
2h.	Network Build (all components - owned, leased, IRU, etc.)	100	All money for IRU's budgeted in the June 2013 budget revision, AAR #2407490 was spent.
2i.	Equipment Deployment	100	The ICN's dropped 283 total CAI's from ICN's original planned list of 3,101. This will result in total spending on equipment being \$988,727 less than budgeted.
2j.	Network Testing	100	The ICN dropped 283 total CAI's from ICN's original planned list of 3,101.
2k.	Other (please specify): N/A	100	N/A
<p>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). N/A</p>			

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	\$29,000	\$26,200	\$2,800	\$30,054	\$26,516	\$3,538	\$30,054	\$26,516	\$3,538
b. Land, structures, right-of-ways, appraisals, etc.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$193,033	\$57,910	\$135,123	\$192,063	\$57,619	\$134,444	\$192,063	\$57,619	\$134,444
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$3,413,015	\$1,241,015	\$2,172,000	\$3,315,876	\$1,083,525	\$2,232,351	\$3,315,876	\$1,083,525	\$2,232,351
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$1,451,448	\$438,119	\$1,013,329	\$1,409,381	\$422,814	\$986,567	\$1,409,381	\$422,814	\$986,567
j. Equipment	\$18,781,048	\$5,874,182	\$12,906,866	\$17,791,911	\$5,686,097	\$12,105,814	\$17,791,911	\$5,686,097	\$12,105,814
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$23,867,544	\$7,637,426	\$16,230,118	\$22,739,285	\$7,276,571	\$15,462,714	\$22,739,285	\$7,276,571	\$15,462,714
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$23,867,544	\$7,637,426	\$16,230,118	\$22,739,285	\$7,276,571	\$15,462,714	\$22,739,285	\$7,276,571	\$15,462,714

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: \$3,659,603
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