

RECIPIENT NAME:Carver, County of

AWARD NUMBER: NT10BIX5570109

DATE: 11/21/2012

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

### 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>  NT10BIX5570109	<b>3. DUNS Number</b>  003265407
<b>4. Recipient Organization</b>  Carver, County of 604 E 4th St, Chaska, MN 55318-2102		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  09-30-2012	<b>6. Is this the last Report of the Award Period?</b>  <input type="radio"/> Yes <input checked="" type="radio"/> No	
<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>  Mary Kaye Schiller	<b>7c. Telephone (area code, number and extension)</b>  X	
	<b>7d. Email Address</b>  mschiller@co.carver.mn.us	
<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  11-21-2012	

**Project Indicators (This Quarter)**

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

As of the end of September, we have completed a number of components for our 89 mile base ring and approximately 33 miles of laterals. We have completed installation of the dual communications conduits and the pulling of fiber into these conduits. We have completed work on any building penetrations that were needed to allow us to pull fiber into each of our identified anchor entities. We have completed work on installing termination and/or rack equipment at our anchor entities and we are currently working on scheduling for the splicing and terminations of the fiber in these locations. We have begun work on the three fiber distribution huts in our project. We have completed the pouring of the concrete slab floors and are working on the walls and roofs as well as preparing both the interiors and exteriors for the installation of the required mechanicals. We have completed all splicing required for the 89 mile base ring, except for splicing that is specific to the fiber huts. We have completed all the OTDR testing that we are capable of performing without the fiber huts being complete. We currently have two diverse paths identified in our project that allow us to reach the 511 interconnect building in downtown Minneapolis. We are currently working on the contracts needed to establish these two routes. We are working on finalizing the method and documentation for the acquisition of our electronics for the project. We are reviewing opportunities to purchase equipment through existing contracts, through a bid process or combination of both. As part of the preparation for migrating to an operational status once the project construction is complete, County Staff have been working with anchor entities to finalize the agreements with how each anchor entity desires to use the fiber network. As of September 30th we have expended approximately \$6.13 million dollars of our overall project budget of \$7.5 million, with the majority for construction costs.

**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	82	Our overall project expenditures for this quarter are 82%, which is less than our originally budgeted 90%. This lower expenditure was based on the project not yet expending funds for our equipment, which we will begin acquire in the next quarter and secondly because of not yet paying out a construction retainage fee to our construction contractor as we have not yet finalized our construction.
2b.	Environmental Assessment	100	No variance from baseline
2c.	Network Design	80	Our network design is at 80%, which is less than our originally stated 100%. This lower percentage was created based on our implementation of a design build approach to our network and equipment planning bid, which will be completed in the next quarter.
2d.	Rights of Way	100	No variance from baseline
2e.	Construction Permits and Other Approvals	99	Our construction permits and other approvals are at 99%, which is less than our originally stated 100%. This lower percentage is based on having two remaining railroad permits which will have completed in the first month of the next quarter.
2f.	Site Preparation	55	Our site preparation is at 55%, which is less than our originally stated 100%. Due to fiber availability, the manner in which we are constructing different phases of the project has changed. Based on this change we did not start to build the three required fiber huts for our project until late this quarter. The remaining is ongoing and will be completed the first part of next quarter.
2g.	Equipment Procurement	0	Our equipment procurement is at 0%, which is less than our originally stated 80%. This lower percentage was created based on our implementation of a design build approach to our network and equipment planning bid, which will be completed in the next quarter.
2h.	Network Build (all components - owned, leased, IRU, etc)	84	No variance from baseline
2i.	Equipment Deployment	0	Our equipment procurement is at 0%, which is less than our originally stated 80%. This lower percentage was created based on our implementation of a design build approach to our network and equipment planning bid, which will be completed in the next quarter.
2j.	Network Testing	0	No variance from baseline

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
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).

In planning for our equipment needs and the design to operate the network, we are proceeding with a design build approach in our equipment bids, which is deferring our equipment purchases and installs until the next quarter.

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	132	No variance from baseline
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)	132	No variance from baseline
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	407	Prior to the beginning of construction, we increased our handhole count. As of the end of the quarter, we have completed construction and pulling of fiber into 407 of these handholes.

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	1
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	0
Average term of signed agreements (in quarters)	80

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

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	1	No variance from baseline
	Providers with signed agreements receiving improved access	0	Our providers with signed agreements receiving improved access is at 0, which is less than our originally stated 2. This lower number was created by existing providers waiting for our network to complete and prove it's reliability before furthering conversations to utilize it.
	Providers with signed agreements receiving access to dark fiber	0	No variance from baseline
	Please identify the speed tiers that are available and the number of subscribers for each	0	No variance from baseline
Community Anchor Institutions (including Government institutions)	Total subscribers served	86	No variance from baseline
	Subscribers receiving new access	0	No variance from baseline
	Subscribers receiving improved access	86	No variance from baseline
	Please identify the speed tiers that are available and the number or subscribers for each	0	No variance from baseline
Residential / Households	Entities passed	0	No variance from baseline
	Total subscribers served	0	No variance from baseline
	Subscribers receiving new access	0	No variance from baseline
	Subscribers receiving improved access	0	No variance from baseline
	Please identify the speed tiers that are available and the number of subscribers for each	0	No variance from baseline
Businesses	Entities passed	0	No variance from baseline
	Total subscribers served	0	No variance from baseline
	Subscribers receiving new access	0	No variance from baseline
	Subscribers receiving improved access	0	No variance from baseline
	Please identify the speed tiers that are available and the number of subscribers for each	0	No variance from baseline

**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
See attached spreadsheet	See attached	See attached spreadsheet	See attached spreadsheet	See attached spreadsheet

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**  
 We look to complete our equipment bid, and thus our network design with our equipment bid, since we are bidding a design build equipment proposal. Once the bid is issued and a vendor is chosen, we look to begin equipment installations in this quarter. We also look that the three fiber huts will be completed and all inside work completed inside of them so that network testing can begin.

**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	Our overall project is at 90%, which is less than our originally stated 99%. This is created by our equipment procurement not taking place until this quarter and the finalizing of the network build out so that we can pay our construction retainage.
2b.	Environmental Assessment	100	No variance from baseline
2c.	Network Design	100	No variance from baseline
2d.	Rights of Way	100	No variance from baseline
2e.	Construction Permits and Other Approvals	100	No variance from baseline
2f.	Site Preparation	100	No variance from baseline
2g.	Equipment Procurement	100	No variance from baseline
2h.	Network Build (all components - owned, leased, IRU, etc.)	94	No variance from baseline
2i.	Equipment Deployment	90	Our overall project is at 90%, which is less than our originally stated 100%. This is created by our equipment procurement not taking place until this quarter.
2j.	Network Testing	0	No variance from baseline
2k.	Other (please specify):	0	N/A

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**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 preparing to issue our equipment bid and based on conversations with equipment vendors, we do not anticipate any issues with receiving the equipment we order, or costs as that is one of our last large purchase components of the project.

**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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Land, structures, right-of-ways, appraisals, etc.	\$191,807	\$38,361	\$153,446	\$0	\$0	\$0	\$191,807	\$38,361	\$153,446
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$966,760	\$193,352	\$773,408	\$488,539	\$97,708	\$390,831	\$600,000	\$120,000	\$480,000
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$375	\$75	\$300	\$0	\$0	\$0	\$375	\$75	\$300
g. Site work	\$57,915	\$11,583	\$46,332	\$0	\$0	\$0	\$57,915	\$11,583	\$46,332
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$5,474,045	\$1,094,809	\$4,379,236	\$5,647,615	\$1,129,523	\$4,518,092	\$5,647,615	\$1,129,523	\$4,518,092
j. Equipment	\$803,598	\$160,720	\$642,878	\$0	\$0	\$0	\$300,000	\$60,000	\$240,000
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>l. SUBTOTAL (add a through k)</b>	\$7,494,500	\$1,498,900	\$5,995,600	\$6,136,154	\$1,227,231	\$4,908,923	\$6,797,712	\$1,359,542	\$5,438,170
m. Contingencies									
<b>n. TOTALS (sum of l and m)</b>	\$7,494,500	\$1,498,900	\$5,995,600	\$6,136,154	\$1,227,231	\$4,908,923	\$6,797,712	\$1,359,542	\$5,438,170

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: \$75,000
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