

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 NT10BIX5570150	3. DUNS Number 003582546
4. Recipient Organization Department of Administration Services Bureau of Enterprise Systems & Technology 101 E River Dr., Fl 4, Hartford, CT 06108-3285		
5. Current Reporting Period End Date (MM/DD/YYYY) 09-30-2013	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 Frank Arute	7c. Telephone (area code, number and extension) X	7d. Email Address frank.arute@ct.gov
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 01-27-2014	

Project Indicators (This Quarter)

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

The activities for this quarter included deployment of the final 5 miles of off-net (new) and 66 miles on-net (upgraded) fiber bringing the total deployed fiber for the project to 1053 route miles of off-net and 2293 route miles of on-net fiber for a combined total of 3346 route miles. Completed installations at final 25 sites. Completed final fiber deployment and optical span activation to core and edge sites as planned for this quarter. Completed site remediation and testing tasks at edge sites as required. Conducted weekly project and status review meetings with all project teams and management stakeholders. Collect and assembled information surrounding key project metrics. Produce and file appropriate reports relative to the project and financial status with the necessary entities and stakeholder groups.

In summary, the completed project deployed 1053 route miles of off-net (new) fiber and 2293 route miles of on-net (upgraded) encompassing a total of 22,427 strand miles of fiber to many previously under or non-served areas throughout the entire state of Connecticut. This project allowed a total of 940 Community Anchor Institutions to be connected to a cohesive high speed fiber optic network and provides the base springboard for further expansion. Of these 940 locations, 619 previously did not have access to broadband speed network connections while 321 locations received upgraded connectivity, going from DSL or T-1 speeds to 100 Mbps or higher speeds. These new or increased connectivity speeds have enabled advanced services such as large file transfers or downloads, videoconferencing, distance learning, etc. to be utilized by the connected entities.

Looking forward, expansion of the network is soon to be underway that includes connecting another 168 Municipal locations. Many of these locations will utilize the network to improve sharing of services and applications between the locations creating regional uses and shared resource opportunities. Additionally, we have received considerable interest from public and private entities for connectivity to the network for data transport and are reviewing these for technological feasibility and costs.

In closing, many innovative applications and uses have been enabled by this network that would have been impossible or too expensive to implement otherwise. Interest in connectivity to the network remains high and we anticipate this to continue or increase going forward, especially once other "success stories" from connected entities become well known.

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	Zero variance
2b.	Environmental Assessment	100	Zero variance
2c.	Network Design	100	Zero variance
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	100	Zero variance
2h.	Network Build (all components - owned, leased, IRU, etc)	100	Zero variance
2i.	Equipment Deployment	100	Zero variance
2j.	Network Testing	100	Zero variance
2k.	Other (please specify): Professional Services	100	Zero variance

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).

None

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	1,053	Zero variance
New network miles leased	0	N/A
Existing network miles upgraded	2,293	Zero Variance
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	1,053	Zero variance
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	940	Zero variance

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:
None at this time

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:

None planned in this project at this time

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)

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	Zero variance
	Providers with signed agreements receiving improved access	0	Zero variance
	Providers with signed agreements receiving access to dark fiber	0	Zero variance
	Please identify the speed tiers that are available and the number of subscribers for each	0	Zero variance
Community Anchor Institutions (including Government institutions)	Total subscribers served	940	Zero variance
	Subscribers receiving new access	619	Zero variance
	Subscribers receiving improved access	321	Zero variance
	Please identify the speed tiers that are available and the number or subscribers for each	3	10 Mbps = 304 100 Mbps = 111 1000 Mbps = 525
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).
None planned at this time

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
Listed on Attachment	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).
As the project is in close-out as of 8/31/13, no further activities other than Grant close-out documentation will occur.

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	Zero variance - grant in close-out
2b.	Environmental Assessment	100	Zero variance - grant in close-out
2c.	Network Design	100	Zero variance - grant in close-out
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	N/A
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	100	Zero variance - grant in close-out
2h.	Network Build (all components - owned, leased, IRU, etc.)	100	Zero variance - grant in close-out
2i.	Equipment Deployment	100	Zero variance - grant in close-out
2j.	Network Testing	100	Zero variance - grant in close-out
2k.	Other (please specify): Professional services	100	Zero variance - grant in close-out

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).
None as the grant is now in close-out.

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	\$65,000	\$9,684	\$55,316	\$62,704	\$9,684	\$53,020	\$62,704	\$9,684	\$53,020
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$71,771,874	\$14,146,779	\$57,625,095	\$71,771,752	\$14,146,779	\$57,624,973	\$71,771,752	\$14,146,779	\$57,624,973
j. Equipment	\$39,697,535	\$7,756,764	\$31,940,771	\$39,650,921	\$7,754,517	\$31,896,404	\$39,650,921	\$7,754,517	\$31,896,404
k. Miscellaneous	\$5,784,377	\$1,550,530	\$4,233,847	\$5,684,672	\$1,531,088	\$4,153,584	\$5,684,672	\$1,531,088	\$4,153,584
l. SUBTOTAL (add a through k)	\$117,318,786	\$23,463,757	\$93,855,029	\$117,170,049	\$23,442,068	\$93,727,981	\$117,170,049	\$23,442,068	\$93,727,981
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$117,318,786	\$23,463,757	\$93,855,029	\$117,170,049	\$23,442,068	\$93,727,981	\$117,170,049	\$23,442,068	\$93,727,981

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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