

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
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4. Recipient Organization Information Technology, Dept. of 101 E River Dr., Fl 4, Hartford, CT 06108-3285

5. Current Reporting Period End Date (MM/DD/YYYY) 09-30-2011	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 Gerald Werner Principle Program Manager	7c. Telephone (area code, number and extension) 8606222015
	7d. Email Address gerald.werner@ct.gov

7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 11-10-2011
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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>This quarter activities included deployment of an additional 170 miles of off-net and 1751 miles of on-net fiber, bringing the total deployed fiber for the project to 206 miles of off-net and 2498 miles of on-net fiber. Received and installed equipment at 59 additional core sites (project total now at 118 sites). Continued fiber deployment and optical span activation to edge sites as planned for this quarter. Continued remediation and site survey tasks at edge sites as required. Ordered necessary equipment and materials to support next 2 quarter planned deployment schedule. Continue to conduct project and status review meetings with all project teams and stakeholders. Collect and assemble information surrounding key project metrics. Produce and file appropriate reports relative to the project status and financial performance with the necessary entities and stakeholder groups.</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	24	Later than anticipated start of fiber deployment due to delayed FONSI receipt and longer than anticipated equipment lead times resulted in overall expenditures being less than projected. Additionally, vendor invoice timing reduced reported expenditures.
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	15	Longer than anticipated equipment delivery lead times and vendor invoice timing delayed overall expenditures. This was not due to equipment shortages from manufactures but rather from overly optimistic order-to-delivery timing estimates presented in original plan. This has been (and will continue to be) adjusted for going forward by placing equipment orders earlier than originally planned.
2h.	Network Build (all components - owned, leased, IRU, etc)	31	Physical network build is on schedule from a mileage perspective however fewer than projected CAI laterals and vendor invoice timing reduced reported expenditures
2i.	Equipment Deployment	18	Later than anticipated deployment start and longer than anticipated equipment lead times resulted in lower than projected expenditures. This was not due to equipment shortages from manufactures but rather from overly optimistic order-to-delivery timing estimates presented in original plan. This has been addressed by placing equipment orders sooner.
2j.	Network Testing	18	Later than anticipated deployment start resulted in lower than projected expenditures
2k.	Other (please specify): Professional Services, Fiber Route Validation	4	Later than anticipated deployment start resulted in lower than projected expenditures
<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>Previous quarter impacts from delayed FONSI, additional SAC requirements and delayed start of deployment are affecting this quarter performance projections. These factors are expected to continue for Q4-2011 and Q1-2012. However, these delays and requirements have been incorporated into the overall project plan and project is anticipated to be back on schedule by end of Q1-2012. During this quarter, 8 planned locations were subject to additional SAC requirements. 6 of these locations are still being reviewed by the appropriate environmental agencies and no work has been started. 2 of the locations fell within the predetermined protocols (blocked existing conduit required ground disturbance that did not extend beyond a 5 foot radius of existing utility poles or underground conduits) and were successfully mitigated as required and all SAC requirements were complied with.</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</p>			

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	206	On schedule
New network miles leased	0	N/A
Existing network miles upgraded	2,498	Ahead of schedule
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	206	On schedule
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	118	Later than anticipated start of deployment reduced number of projected POI completed this quarter. (Note that in this project, POI's are located at the CAI locations)

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:

Not planned in this project

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	Zero Variance from plan

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	Zero Variance from plan
	Providers with signed agreements receiving access to dark fiber	0	Zero Variance from plan
	Please identify the speed tiers that are available and the number of subscribers for each	0	10 Mbps - 0 Subscribers 100 Mbps - 0 Subscribers
Community Anchor Institutions (including Government institutions)	Total subscribers served	118	Later than anticipated start of deployment reduced number of projected CAI completed this quarter
	Subscribers receiving new access	118	Later than anticipated start of deployment reduced number of projected CAI completed this quarter
	Subscribers receiving improved access	0	Zero Variance from plan
	Please identify the speed tiers that are available and the number or subscribers for each	3	10 Mbps - 0 at this time 100 Mbps - 0 at this time 1000 Mbps - 118 at this time Later than anticipated start of deployment reduced number of projected CAI completed this quarter
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 Qtr CAI Addendum 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).
 Continued deployment of fiber, currently projected to include 100 miles of off-net fiber and 500 strand miles of on-net fiber. Continued receipt and deployment of equipment for planned CAI locations. Provide connections into an additional 80 CAI locations.

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	41	Later than anticipated start of deployment reduced number of projected POI completed this quarter
2b.	Environmental Assessment	100	Zero Variance from plan
2c.	Network Design	100	Zero Variance from plan
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	44	Later than anticipated start of deployment reduced equipment expenditure requirements
2h.	Network Build (all components - owned, leased, IRU, etc.)	43	On Schedule
2i.	Equipment Deployment	30	Later than anticipated start of deployment reduced number of projected POI completed this quarter
2j.	Network Testing	30	Later than anticipated start of deployment reduced number of projected POI completed this quarter
2k.	Other (please specify): Professional Services, Fiber Route validation	12	On schedule

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).

Winter months and weather conditions may adversely affect fiber deployment. Additional SAC compliance for selected sites may be subject to delay depending upon appropriate agencies review timing.

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	\$650,000	\$190,803	\$459,197	\$47,118	\$0	\$47,118	\$60,000	\$12,000	\$48,000
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	\$70,971,874	\$13,914,779	\$57,057,095	\$21,851,754	\$7,030,713	\$14,821,041	\$30,500,000	\$9,150,000	\$21,350,000
j. Equipment	\$38,619,962	\$7,441,061	\$31,178,901	\$5,794,718	\$0	\$5,794,718	\$16,750,000	\$4,187,500	\$12,562,500
k. Miscellaneous	\$7,076,950	\$1,917,114	\$5,159,836	\$296,274	\$75,732	\$220,542	\$850,000	\$170,000	\$680,000
l. SUBTOTAL (add a through k)	\$117,318,786	\$23,463,757	\$93,855,029	\$27,989,864	\$7,106,445	\$20,883,419	\$48,160,000	\$13,519,500	\$34,640,500
m. Contingencies									
n. TOTALS (sum of l and m)	\$117,318,786	\$23,463,757	\$93,855,029	\$27,989,864	\$7,106,445	\$20,883,419	\$48,160,000	\$13,519,500	\$34,640,500

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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