QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted	2. Award Identification Number	3. DUNS Number
Department of Commerce, National Telecommunications and Information Administration	NT10BIX5570024	009095365

4. Recipient Organization

University of Utah, The 201 Presidents Cir., Rm 408, Salt Lake City, UT 84112-9023

5. Current Reporting Period End Date (MM/DD/YYYY)	6. Is this the last Report of the Award Period?
03-31-2011	◯ Yes ⦿ 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	7c. Telephone (area code, number and extension)
Lisa Kuhn	8015853224
Dir. of Finance UIT	**7d. Email Address** Lkuhn@media.utah.edu

7b. Signature of Certifying Official	7e. Date Report Submitted (MM/DD/YYYY):
Submitted Electronically	05-17-2011

Project Indicators (This Quarter)

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

During the first quarter of 2011, the University of Utah / Utah Education Network (U of U/UEN) completed contracts with sub recipient telecommunication partners that meet all NTIA security interest requirements and special award conditions for the grant. This milestone allowed the project to move into the implementation phase. Telecommunication Partners have begun construction activities and network build out and the U of U/UEN started it's procurement process and received shipment for the first phase of Customer Premise Equipment. Installation and turn up of nine (9) Community Anchor Institutions was completed and the U of U/UEN is expecting the rate of installations to increase significantly during this next quarter. In addition, a publicly accessible U of U/UEN BTOP project website has been developed and is now available with site lists and status updates.

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	2	The overall percentage of completion for the U of U/UEN BTOP project is behind schedule due to multiple reasons. Although significant project progress has been made the amount of funds spent to date is less than projected in the Baseline Report. The higher cost project activities, such as those associated with outside plant construction, is behind schedule which is reflected in the number of CAIs turned up to date. The U of U/UEN is expecting this rate of installation and turn up to increase significantly in the upcoming quarters. Additionally, the U of U/UEN's billing policy does not require prepayment to sub recipients for work being performed. As such, the draw down of Federal Funds will follow the completion of project construction activities and the invoicing of work completed by sub recipients. The U of U/UEN experienced some delays in the turn up of CAIs during this quarter which was due in part to obstacles and subsequent delays encountered during the review and approval process for the Davis Bacon Wage Determination Act job classifications used by sub recipient contractors. Outside and Inside plant construction and network build out activities for multiple Community Anchor Institution (CAI) sites were halted in February and not restarted until the these formal approvals were completed. These delays resulted in the U of U/UEN missing several targeted CAI turn up dates. As such, the U of U/UEN turned up only nine (9) of the projected fifteen (15) CAI's in the first quarter of 2011.
2b.	Environmental Assessment	100	The NTIA approved the U of U/UEN Environmental Assessment and issued a Finding Of No Significant Impact (FONSI) in November of 2010.
2c.	Network Design	100	All network designs and contracts with Telecommunications Partners have been completed.
2d.	Rights of Way	20	This milestone is on schedule. The U of U/UEN has over twenty six (26) active CAI construction projects underway with Rights of Way and Permits in hand. These projects in addition to the nine (9) completed in the first quarter and those completed so far in the second quarter exceed the total of forty (40) CAIs, which is the accumulative second quarter projected milestone for this task.
2e.	Construction Permits and Other Approvals	20	This milestone is on schedule. The U of U/UEN has over twenty six (26) active CAI construction projects underway with Rights of Way and Permits in hand. These projects in addition to the nine (9) completed in the first quarter and those completed so far in the second quarter exceed the total of forty (40) CAIs, which is the accumulative second quarter projected milestone for this task.
2f.	Site Preparation	2	This milestone is behind schedule. Although significant project progress has been made the amount of funds spent to date is less than projected in the Baseline Report. The higher cost project activities, such as those associated with outside plant construction, is behind schedule which is reflected in the number of CAIs turned up to date.

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2g.	Equipment Procurement	17	This milestone is on schedule. The U of U/UEN has over twenty six (26) active CAI construction projects underway and has ordered, received and inventoried the needed hardware to complete these installs.
2h.	Network Build (all components - owned, leased, IRU, etc)	2	The U of U/UEN is behind schedule on this milestone. Although significant project progress has been made the amount of funds spent to date is less than projected in the Baseline Report. The higher cost project activities, such as those associated with outside plant construction, is behind schedule which is reflected in the number of CAIs turned up to date.
2i.	Equipment Deployment	2	The U of U/UEN is behind schedule on this milestone. Although significant project progress has been made the amount of funds spent to date is less than projected in the Baseline Report. The higher cost project activities, such as those associated with outside plant construction, is behind schedule which is reflected in the number of CAIs turned up to date.
2j.	Network Testing	2	The U of U/UEN is behind schedule on this milestone. Although significant project progress has been made the amount of funds spent to date is less than projected in the Baseline Report. The higher cost project activities, such as those associated with outside plant construction, is behind schedule which is reflected in the number of CAIs turned up to date.
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).

The U of U/UEN's major challenges during this past quarter were twofold. First, we encountered construction and network build out delays pending approval of the Davis Bacon Wage Determination Act job classifications and secondly, while completing the outstanding telecommunications partner contracts, twenty six (26) of the original one hundred thirty (130) CAIs in our application have closed, relocated or connected to fiber through other project activities.

The U of U/UEN has reviewed the Davis Bacon Wage Determination job classifications with each sub recipient and has agreed on a job classification to use for this project. The U of U/UEN will perform a more extensive analysis to ensure compliance and submit a request for evaluation by the Department Of Labor.

The U of U/UEN is working with our Federal Program Officer to determine the appropriate course of action in dealing with the changes in project scope and budget.

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	The U of U/UEN is behind schedule on this milestone primarily due to the delays in site construction and network build out activities encountered while approvals were pending for the Davis Bacon Wage Determination Act job classifications.
New network miles leased	96	The U of U/UEN is behind schedule on this milestone primarily due to the delays in site construction and network build out activities encountered while approvals were pending for the Davis Bacon Wage Determination Act job classifications.
Existing network miles upgraded	0	No variance to Baseline Report
Existing network miles leased	0	No variance to Baseline Report
Number of miles of new fiber (aerial or underground)	1	The U of U/UEN is behind schedule on this milestone primarily due to the delays in site construction and network build out activities encountered while approvals were pending for the Davis Bacon Wage Determination Act job classifications.

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Number of new wireless links	0	No variance to Baseline Report
Number of new towers	0	No variance to Baseline Report
Number of new and/or upgraded interconnection points	9	The U of U/UEN is behind schedule on this milestone primarily due to the delays in site construction and network build out activities encountered while approvals were pending for the Davis Bacon Wage Determination Act job classifications.

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:
The U of U/UEN is not a wholesale service provider. Our BTOP project will deliver broadband connections to specific CAIs working with incumbent Telecommunications Partners who will provision critical fiber infrastructure to the CAI end site. These Telecommunication Partners intend to make use of this infrastructure by offering telecommunication services to residential and business customers on a retail or commercial basis in these service areas.

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).
All of the following Telecommunication Partners are sub recipients and will operate a portion of the U of U/UEN network. They will be providing the U of U/UEN with an end to end service that includes responsibility for monitoring, managing and maintaining the fiber and physical infrastructure as well as the optical transport equipment. In all cases this includes Customer Premise Equipment (CPE) that will require on site access by the Telecommunication Partners for troubleshooting and or maintenance of this equipment.

Qwest Communications Corporation (Sub Recipient) - Salt Lake City, Utah, (800) 899-7780

UTOPIA (Sub Recipient) - West Valley City, Utah, (801) 613-3800

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	Neither of our sub recipients (Qwest, UTOPIA) have entered into wholesale or Last Mile agreements with other providers on our behalf.
	Providers with signed agreements receiving improved access	0	Neither of our sub recipients (Qwest, UTOPIA) have entered into wholesale or Last Mile agreements with other providers on our behalf.
	Providers with signed agreements receiving access to dark fiber	0	Neither of our sub recipients (Qwest, UTOPIA) have entered into wholesale or Last Mile agreements with other providers on our behalf.
	Please identify the speed tiers that are available and the number of	0	Neither of our sub recipients (Qwest, UTOPIA) have entered into wholesale or Last Mile agreements with other providers on our

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	subscribers for each		behalf.
Community Anchor Institutions (including Government institutions)	Total subscribers served	9	The U of U/UEN projected the turn up of fifteen (15) Community Anchor Institutions in the first quarter of 2011 and was only able to complete nine (9). The U of U/UEN is behind schedule on this milestone primarily due to the delays in site construction and network build out activities encountered while approvals were pending for the Davis Bacon Wage Determination job classifications.
	Subscribers receiving new access	0	None of the CAI installations completed this quarter is receiving new access, which is consistent with the U of U/UEN Baseline Report.
	Subscribers receiving improved access	9	All of the CAI installations completed this quarter are receiving improved access, which is consistent with the U of U/UEN Baseline Report.
	Please identify the speed tiers that are available and the number or subscribers for each	4	1000 Mbps = 3, 100 Mbps = 3, 10 Mbps = 2, 2 Mbps = 1
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).

The U of U/UEN is not providing any special offerings.

8a. Have your network management practices changed over the last quarter?   ◯ Yes   ⦿ No

8b. If so, please describe the changes (300 words or less).

The U of U/UEN network management practices have not changed during the past quarter.

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

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
Willow Elementary	Tooele, Utah	School (K-12)	Yes	BTOP funding is providing the network infrastructure necessary for the CAIs to connect to the U of U/UEN backbone and access Wide Area Network (WAN) services, including internet connectivity
Centro De La Familia Head Start	SLC, Utah	School (K-12)	Yes	BTOP funding is providing the network infrastructure necessary for the CAIs to connect to the U of U/UEN backbone and access Wide Area Network (WAN) services, including internet connectivity
Ogden Weber Community Action Program Head Start	Ogden, Utah	School (K-12)	Yes	BTOP funding is providing the network infrastructure necessary for the CAIs to connect to the U of U/UEN backbone and access Wide Area Network (WAN) services, including internet connectivity
Salt Lake Community Action Program Head Start	SLC, Utah	School (K-12)	Yes	BTOP funding is providing the network infrastructure necessary for the CAIs to connect to the U of U/UEN backbone and access Wide Area Network (WAN) services, including internet connectivity
Rural Utah Child Development Head Start	Wellington, Utah	School (K-12)	Yes	BTOP funding is providing the network infrastructure necessary for the CAIs to connect to the U of U/UEN backbone and access Wide Area Network (WAN) services, including internet connectivity
Mountainland Head Start	Provo, Utah	School (K-12)	Yes	BTOP funding is providing the network infrastructure necessary for the CAIs to connect to the U of U/UEN backbone and access Wide Area Network (WAN) services, including internet connectivity
Southern Utah University Head Start	Cedar City, Utah	School (K-12)	Yes	BTOP funding is providing the network infrastructure necessary for the CAIs to connect to the U of U/UEN backbone and access Wide Area Network (WAN) services, including internet connectivity
Rose Springs Elementary	Tooele, Utah	School (K-12)	Yes	BTOP funding is providing the network infrastructure necessary for the CAIs to connect to the U of U/UEN backbone and access Wide Area Network (WAN) services, including internet connectivity
Jordan Hills Elementary	West Jordan, Utah	School (K-12)	Yes	BTOP funding is providing the network infrastructure necessary for the CAIs to connect to the U of U/UEN backbone and access Wide Area Network (WAN) services, including internet connectivity

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).

The U of U/UEN is projecting to meet or exceed the installation and turn up of CAIs during the upcoming quarter. The U of U/UEN is working closely with the project Telecommunication Partners on getting the installation milestones back on schedule. The regional Vice President for Qwest Communications informed the U of U/UEN that the allocation of manpower resources to this project is being increased in support of the quarterly milestones established in the U of U/UEN BTOP project Baseline Report.

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)

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	Overall Project	15	The U of U/UEN is projecting this milestone will not meet projected percentage of completion for the upcoming quarter. Although significant project progress will be made the amount of funds spent will be less than projected in the Baseline Report. The higher cost project activities, such as those with significant outside plant construction, are not scheduled to begin until the third quarter of this project year. The U of U/UEN's billing policy does not require prepayment to sub recipients for work being performed. As such, the draw down of Federal Funds will follow project completion activities and the invoicing of work completed by sub recipients.
2b.	Environmental Assessment	100	No variance to Baseline Report
2c.	Network Design	100	No variance to Baseline Report
2d.	Rights of Way	40	No variance to Baseline Report
2e.	Construction Permits and Other Approvals	40	No variance to Baseline Report
2f.	Site Preparation	15	The U of U/UEN is projecting this milestone will not meet projected percentage of completion for the upcoming quarter. Although significant project progress will be made the amount of funds spent will be less than projected in the Baseline Report. The higher cost project activities, such as those with significant outside plant construction, are not scheduled to begin until the third quarter of this project year. The U of U/UEN's billing policy does not require prepayment to sub recipients for work being performed. As such, the draw down of Federal Funds will follow project completion activities and the invoicing of work completed by sub recipients.
2g.	Equipment Procurement	34	This milestone is on schedule. The U of U/UEN will pre-order the equipment and supplies needed to complete site preparations, network build out and CAI testing and turn up for the forty (40) CAI projects scheduled for completion this quarter.
2h.	Network Build (all components - owned, leased, IRU, etc.)	15	The U of U/UEN is projecting this milestone will not meet projected percentage of completion for the upcoming quarter. Although significant project progress will be made the amount of funds spent will be less than projected in the Baseline Report. The higher cost project activities, such as those with significant outside plant construction, are not scheduled to begin until the third quarter of this project year. The U of U/UEN's billing policy does not require pre payment to sub recipients for work being performed. As such, the draw down of Federal Funds will follow project completion activities and the invoicing of work completed by sub recipients.
2i.	Equipment Deployment	15	The U of U/UEN is projecting this milestone will not meet projected percentage of completion for the upcoming quarter. Although significant project progress will be made the amount of funds spent will be less than projected in the Baseline Report. The higher cost project activities, such as those with significant outside plant construction, are not scheduled to begin until the third quarter of this project year. The U of U/UEN's billing policy does not require prepayment to sub recipients for work being performed. As such, the draw down of Federal Funds will follow project completion activities and the invoicing of work completed by sub recipients.
2j.	Network Testing	15	The U of U/UEN is projecting this milestone will not meet projected percentage of completion for the upcoming quarter. Although significant project progress will be made the amount of funds spent will be less than projected in the Baseline Report. The higher cost project activities, such as those with significant outside plant construction, are not scheduled to begin until the third quarter of this project year. The U of U/UEN's billing policy does not require prepayment to sub recipients for work being performed. As such, the draw down of Federal Funds will follow project completion activities and the invoicing of work completed by sub recipients.
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).
The major challenges the U of U/UEN is expecting to face during the upcoming quarter revolve around network build out activities and ensuring the Telecommunication Partners address obstacles quickly so as not to impact projected milestones. The U of U/UEN is submitting a post award amendment in order to address the loss of twenty five (25) of the original one hundred thirty (130) CAIs in our

application that have closed, relocated or connected to fiber through other project activities. The U of U/UEN will work closely with our Federal Program Officer on this issue.

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.

Cost Classification	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		
	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	$3,500	$3,500	$0	$2,363	$2,363	$0	$2,363	$2,363	$0
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	$1,273,375	$14,375	$1,259,000	$51,931	$24,171	$27,760	$302,847	$14,375	$288,472
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	$4,193,670	$931,302	$3,262,368	$79,896	$18,139	$61,757	$80,648	$18,890	$61,757
h. Demolition and removal	$0	$0	$0	$0	$0	$0	$0	$0	$0
i. Construction	$7,742,930	$1,908,078	$5,834,852	$0	$0	$0	$1,458,172	$359,335	$1,098,837
j. Equipment	$3,708,900	$741,780	$2,967,120	$111,549	$22,310	$89,240	$242,073	$48,415	$193,658
k. Miscellaneous	$573,316	$495,560	$77,756	$68,590	$13,688	$54,901	$528,742	$468,796	$59,945
l. SUBTOTAL (add a through k)	$17,495,691	$4,094,595	$13,401,096	$314,329	$80,671	$233,658	$2,614,845	$912,174	$1,702,669
m. Contingencies	$0	$0	$0	$0	$0	$0	$0	$0	$0
n. TOTALS (sum of l and m)	$17,495,691	$4,094,595	$13,401,096	$314,329	$80,671	$233,658	$2,614,845	$912,174	$1,702,669

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