

QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information		
1. Federal Agency and Organizational Element to Which Report is Submitted GOL	2. Award Identification Number NT10BIX5570044	3a. DUNS Number 041544081
		3b. EIN XXXXXXXXXXX
4. Recipient Organization (Name and complete address including country, congressional district, and zip code) University of Illinois 506 S. Wright St. 364 Henry Admin. Bldg., Urbana, IL 61801-3620		
5. Current Reporting Period End Date (MM/DD/YYYY) 09-30-2010	6. Is this the last Report of the Award Period? <input type="radio"/> Yes <input checked="" 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 Michael K Smeltzer Director of Networking	7c. Telephone (area code, number and extension) 2172443835	7d. Email Address smeltzer@illinois.edu
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 11-29-2010	

Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (150 words or less).
 Our Environmental Assessment was completed and we received a "Finding of No Significant Impact" (FONSI). We issued a Request for Qualifications for our fiber engineering consultant. We finalized the requirements for our Fiber-to-the-Premise (FTTP) equipment Request for Proposals (RFP).

2. Please provide the percent complete for the following key milestones in your project. Write "N/A" in the second 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 (100 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	0	We had projected 5% completion through this quarter, so this is behind when measured by expenditures. No grant expenditures had cleared the University's accounting system by 9/30/10 which makes this a zero. If measured by accomplishments this would be closer to 2-3%.
2b.	Environmental Assessment	0	We had projected 100% completion during this quarter. We did complete the Environmental Assessment, it was accepted, and we received a Finding Of No Significant Impact. The payment to the engineering firm that worked on the EA had not cleared the University's accounting system by 9/30/10, so this artificially looks to be behind. We are on schedule for the EA.
2c.	Network Design	0	We had projected 20% of this to be completed by this quarter. While we are well into our network design, no charges for time had cleared the University's accounting system by 9/30/10, so this looks to be behind, while based on effort and accomplishment it is probably right at 20% as projected.
2d.	Rights of Way	0	N/A
2e.	Construction Permits and Other Approvals	0	Our engineering firm will be securing these permits and approvals, but we did not finalize the selection of that firm until the 4th quarter. We expect to be back on schedule in this area by the end of the 1st Quarter in Year 2. Our baseline plan estimate was too aggressive in this category.
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	0	N/A
2h.	Network Build (all components - owned, leased, IRU, etc)	0	N/A
2i.	Equipment Deployment	0	N/A
2j.	Network Testing	0	N/A
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 (150 words or less).
 There was also a delay in getting the proper accounts for this grant set up in the University's accounting system and processing grant expenditures. There were no charges processed through 9/30/10. So while officially we are at zero percent for all categories, there has been progress made on several fronts as noted above. The accounts have now all been set up and charges have been processed, so the next quarterly report will more accurately show expenditures and completion percentages.

4. Please report the following information regarding network build progress. Write "N/A" in the second 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 (100 words or less).

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
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Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	0	N/A
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)	0	N/A
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of interconnection points	0	N/A

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your subrecipient, 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	0

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements. Providers:
 None. There have been informal discussions with several providers, but as we are 9 months away from turning up services, we have not formalized any relationships yet.

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. Wholesale services description:
 None yet. We will be providing layer two transport to retail service providers. We will transport their VLANs and IP space to their customers from a connection to our core electronics. See "Middle Mile - Wholesale" attachment for services and rates.

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 subrecipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this this third party operates (150 words or less).
 N/A - no third party operator.

6. Please provide the data according to the type of subscriber. Write "N/A" 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 (100 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	N/A
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	No services available yet. See "Middle Mile -Wholesale" attachment for proposed services and rates.
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	N/A

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	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 or subscribers for each	0	No services available yet. See "Last Mile - Retail" attachment for proposed services and rates.
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	No services available yet. See "Last Mile - Retail" attachment for proposed services and rates.
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	No services available yet. See "Last Mile - Retail" attachment for proposed services and rates.

7. Please describe any special offerings you may provide (150 words or less).
 All of our customers will have at least 100 Mbps symmetric connectivity to each other, and to all local Anchor Institutions. While Internet connectivity will be sold in tiers of bandwidth, UC2B Intranet connectivity will be limited only by the port speed of the customer's Optical Network Terminal (ONT). We will provide that local Intranet connectivity for customers with both 100 Mbps and 1 Gbps ONTs. This is very similar to the model deployed by Lafayette Louisiana in their FTTP system.

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

8b. If so, please describe the changes (150 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. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent calendar year. 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 (100 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
none connected yet	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 (150 words or less).

We plan to hire our fiber engineering consultants and get them working on the details of our backbone rings and FTTP designs. We will issue and award our FTTP Electronics RFP. We plan to further develop our marketing plan for residential, business and Anchor Institution customers in the next quarter.

2. Please provide the percent complete for the following key milestones in your project. Write "N/A" in the second 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 (100 words or less).

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	Overall Project	3	This was projected to be at 10%. The length of time needed to complete the Environmental Assessment and hire our engineering firm has put us behind schedule. We are working on ways of expediting the awards of our construction contracts to get us back on schedule. This was projected to be at 10%.
2b.	Environmental Assessment	100	Complete
2c.	Network Design	50	Projected at 100%. We will have paid some invoices from our engineering firm in the 4th quarter, but most will come in the 1st Quarter of Year 2. The length of time it took to bid and hire the engineering firm put this category behind schedule.
2d.	Rights of Way	50	Projected at 100%. We will have acquired some of our rights of way in this quarter, but this will be completed in the 1st Quarter of Year 2. The length of time it took to bid and hire the engineering firm put this category behind schedule.
2e.	Construction Permits and Other Approvals	50	Projected at 100%. This will be completed in the 1st Quarter of Year 2. The length of time it took to bid and hire the engineering firm put this category behind schedule.
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	0	Projected at 10%. We will have identified our FTTP vendor, which will easily make this category on schedule from an accomplishment perspective, but we will not have purchased any equipment before the end of the 4th quarter. We do not anticipate purchasing much equipment before the 2nd Quarter of Year 2.
2h.	Network Build (all components - owned, leased, IRU, etc.)	0	N/A
2i.	Equipment Deployment	0	N/A
2j.	Network Testing	0	N/A
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 (150 words or less).

If we have an early or heavy winter with persistent snow on the ground, that could impact our engineering firm's ability to complete their field surveys on time. Otherwise we expect the next quarter to get us caught up a little on our time line.

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.	\$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	\$254,990	\$0	\$254,990	\$0	\$0	\$0	\$254,990	\$0	\$254,990
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$783,992	\$0	\$783,992	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$33,500	\$0	\$33,500	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$74,880	\$0	\$74,880	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$23,499,307	\$6,852,149	\$16,647,158	\$0	\$0	\$0	\$640,000	\$225,000	\$415,000
j. Equipment	\$4,722,756	\$0	\$4,722,756	\$0	\$0	\$0	\$0		\$0
k. Miscellaneous	\$17,500	\$0	\$17,500	\$0	\$0	\$0	\$9,000	\$0	\$9,000
l. SUBTOTAL (add a through k)	\$29,386,925	\$6,852,149	\$22,534,776	\$0	\$0	\$0	\$903,990	\$225,000	\$678,990
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$29,386,925	\$6,852,149	\$22,534,776	\$0	\$0	\$0	\$903,990	\$225,000	\$678,990

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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