

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 NT10BIX5570115	3. DUNS Number 080490584
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4. Recipient Organization

University of Wisconsin System 432 N Lake St, Room 104 , Madison, WI 53706

5. Current Reporting Period End Date (MM/DD/YYYY) 06-30-2012	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 Carol Golisch	7c. Telephone (area code, number and extension) X
	7d. Email Address carol.golisch@uwex.edu

7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 08-14-2012
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Project Indicators (This Quarter)

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

During this quarter several significant activities have taken place to assist us in completing the Building Community Capacity through Broadband initiative in a timely fashion. Permitting and architectural design has continued throughout the quarter. Construction has resumed throughout the State. During the quarter we had delays in construction in selected areas pending receipt of various permits. To date, 61 miles of fiber have been installed in the areas between Wausau and Summit Lake, Wausau to Stevens Point, Stevens Point to Eau Claire, Eau Claire to Superior, and Platteville to Madison. We have received 95% of our fiber shipment. Remaining shipment is due next quarter. For the Chippewa Valley, a total of 51 miles of fiber has been installed to date. Fiber splicing, electronics installation and testing continue with 18 Community Anchor Institutions connected thus far. In Chippewa Valley one tower has been constructed at this time. The remaining eleven towers will be constructed in 2012 with the procurement process currently underway. For the Platteville community, construction contracts have been executed and engineering has been completed. Construction just started at the end of the June. Expectations are that construction will be completed in 2012. For the Wausau community, construction contracts have been executed and engineering is underway. Expectations are that construction will be completed in 2012. For the Superior community, no activities occurred this quarter. Conduit installation was completed in 2011 and fiber installation is scheduled for next quarter. We are still on target to meet construction completion by the end of the grant period. Much of our community outreach is conducted through a separate Sustainable Broadband Adoption grant. Notable highlights include discussions to develop a sustainability plan for the network after the grant ends. No jobs were created this quarter.

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	55	Actual recorded federal and match spending for network build are lower caused by build delays due to late receipt of the Finding of No Significant Impact and environmental permitting delays in 2012.
2b.	Environmental Assessment	100	Actual spending exceeds budget. Initial assessment is complete.
2c.	Network Design	25	Design activity is underway. Full budget will not be spent since outside consultants were not utilized to the extent originally planned.
2d.	Rights of Way	100	Activity is complete.
2e.	Construction Permits and Other Approvals	64	Permitting is underway. See 2a above.
2f.	Site Preparation	0	NA
2g.	Equipment Procurement	0	NA
2h.	Network Build (all components - owned, leased, IRU, etc)	53	Construction is underway. See 2a above.
2i.	Equipment Deployment	60	Much of the new equipment purchases are on hold until tower installation occurs later this year.
2j.	Network Testing	97	Purchase of network testing equipment is complete.
2k.	Other (please specify): Fiscal and Project Management	47	Staff expenses are not likely to meet budget. Early project expenses were not as high as originally planned.

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).

Progress for procurement of the remaining eleven towers continued through this quarter. Local zoning permissions have been a challenge for two of the eleven remaining towers, thereby delaying procurement for tower construction. Tower construction should begin next quarter. Given the large scale of construction, we continued to work closely with multiple areas of the Wisconsin Department of Natural Resources to ensure compliance with all environmental requirements. The final permit was issued July 3, 2012.

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	112	Baseline has 417 miles. Delayed receipt of Finding of No Significant Impact delayed the start of network build. The extensive review required for environmental permitting further delayed construction.
New network miles leased	0	NA
Existing network miles upgraded	0	See explanation for new miles deployed above.
Existing network miles leased	0	NA
Number of miles of new fiber (aerial or underground)	112	See explanation for new miles deployed above.
Number of new wireless links	35	Baseline has 80 links. See explanation for new miles deployed above.
Number of new towers	1	Baseline has 6 towers. Delayed receipt of Finding of No Significant Impact delayed procurement action. We anticipate completion of procurement process and build of remaining towers to be completed by December 2012.
Number of new and/or upgraded interconnection points	0	See explanation for new miles deployed above.

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	2
Average term of signed agreements (in quarters)	12

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:
We have a signed agreement with Packerland Broadband as subrecipient.

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:

As subrecipient, Packerland Broadband will receive access to dark fiber. Packerland Broadband will provide wholesale services to third party providers. Specific pricing plans for those services are not yet available.

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).

The following subrecipients will be operating a portion of the network as indicated below:
Packerland Broadband, (800) 236-8434 in Iron Mountain MI, for long haul, wholesale and last mile providers,
WiscNet, (608) 265- 6761 in Madison WI, for the long haul connections,
Chippewa Valley Inter-Networking Consortium, (715) 723-0341, for the Chippewa Valley area,
Northcentral Technical College, (715) 675-3331 in Wausau, for the Wausau Community Area Network,
Platteville Community Area Network, (608) 342-1491, for the Platteville area, and
University of Wisconsin-Superior, (715) 394-8101 in Superior, for the Superior Community Area Network.

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	Baseline has 1 provider. Delayed receipt of Finding of No Significant Impact delayed the start of network build. The extensive review required for environmental permitting further delayed construction.
	Providers with signed agreements receiving improved access	0	See explanation above.
	Providers with signed agreements receiving access to dark fiber	1	Baseline has 7 providers. See explanation above.
	Please identify the speed tiers that are available and the number of subscribers for each	0	See explanation above.
Community Anchor Institutions (including Government institutions)	Total subscribers served	18	Baseline has 110 providers. Delayed receipt of Finding of No Significant Impact delayed the start of network build. The extensive review for environmental permitting further delayed construction.
	Subscribers receiving new access	15	See explanation above.
	Subscribers receiving improved access	3	See explanation above.
	Please identify the speed tiers that are available and the number of subscribers for each	1,000	All subscribers are at 1 Gb
Residential / Households	Entities passed	0	Baseline has 3,098 entities passed - all in last mile service areas. Delayed receipt of Finding of No Significant Impact delayed the start of network build. The extensive review required for environmental permitting further delayed construction.
	Total subscribers served	0	See explanation above.
	Subscribers receiving new access	0	See explanation above.
	Subscribers receiving improved access	0	See explanation above.
	Please identify the speed tiers that are available and the number of subscribers for each	0	See explanation above.
Businesses	Entities passed	0	Baseline has 550 entities passed - all in last mile service areas. Delayed receipt of Finding of No Significant Impact delayed the start of network build. The extensive review required for environmental permitting further delayed construction.
	Total subscribers served	0	See explanation above.
	Subscribers receiving new access	0	See explanation above.
	Subscribers receiving improved access	0	See explanation above.
	Please identify the speed tiers that are available and the number of subscribers for each	0	See explanation above.

7. Please describe any special offerings you may provide (600 words or less).

No special offerings have been provided.

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

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

A copy of our network management policies can be found on our Web site at <http://broadband.uwex.edu>.

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
Chippewa Area Catholic Schools	Chippewa Falls	K12	No	Deliver educational services to school district residents.
Holy Ghost Elementary School	Chippewa Falls	K12	No	Deliver educational services to school district residents.
St. Charles Borromeo Primary School	Chippewa Falls	K12	No	Deliver educational services to school district residents.
Eau Claire City - Forest Hill Cemetery and Public Safety Access Point	Eau Claire	Other government	No	Deliver other government services to city residents.
Eau Claire City - Westgate Evidence Storage	Eau Claire	Public - Safety	No	Deliver other government services to city residents.
Chippewa County - Maintenance Shop	Chippewa County	Other government	No	Deliver other government services to county residents.
Menomonie Eye Care Center	Menomonie	Healthcare	No	Deliver healthcare services to area residents.
Eau Claire Highway Department	Altoona	Other government	No	Deliver other government services to county residents.

Project Indicators (Next Quarter)

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

For the July - September 2012 quarter, construction of the network will continue, pending negotiations with NTIA and U.S. Fish and Wildlife Service regarding the Karner Blue Butterfly. In the long haul and Chippewa Valley community, installation of fiber optic cable, splicing and installation of electronic equipment will continue. Chippewa Valley will continue connecting Community Anchor Institutions and obtain permits for tower construction. The Platteville community will continue building and should complete fiber installation in 2012. The Wausau communities will focus on completing the engineering and design phase of construction, obtaining required permits and beginning construction of the network with expected completion of fiber installation in 2012. We anticipate fiber installation in Superior will occur late in the third quarter.

Key project performance indicators for this quarter (cumulative):

New network miles installed: 175

Total Community Anchor Institutions connected: 38

Signed agreements for broadband or last mile providers: 2

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	60	Actual recorded federal and match spending for network build are lower caused by build delays due to late receipt of the Finding of No Significant Impact and the further delays in 2012 pending negotiations between NTIA and U.S Fish and Wildlife Service regarding the Karner Blue Butterfly. Plans for catch up spending will be determined once work resumes in full.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2b.	Environmental Assessment	100	Activity is complete.
2c.	Network Design	27	Outside consultants have not been required to the extent originally planned.
2d.	Rights of Way	100	Activity is complete.
2e.	Construction Permits and Other Approvals	71	See explanation in 2a above.
2f.	Site Preparation	0	NA
2g.	Equipment Procurement	0	NA
2h.	Network Build (all components - owned, leased, IRU, etc.)	58	See explanation in 2a above.
2i.	Equipment Deployment	60	See explanation in 2a above.
2j.	Network Testing	97	Purchase of network testing equipment is complete.
2k.	Other (please specify): Fiscal and Project Management	62	Staff expenses are not likely to meet budget. Early project expenses were not as high as originally planned.

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).

Following the completion of negotiations with NTIA and U.S. Fish and Wildlife Service regarding the Karner Blue Butterfly, our biggest challenge will be to resume construction with enough crews to complete planned fiber installation before construction cannot take place due to winter weather. The schedule now shows about one third of construction will need to take place in 2013. Starting this quarter, we plan to have extra crews working on the project to ensure completion within the grant period. With extra crews, we should be able to complete construction on time barring an unusually long winter. The issues will continue to be the availability of construction crews and obtaining the necessary permissions in a timely manner. Zoning challenges for towers in Chippewa Valley community will likely continue this quarter.

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	\$1,660,444	\$498,133	\$1,162,311	\$764,921	\$74,367	\$690,554	\$1,006,813	\$74,367	\$932,446
b. Land, structures, right-of-ways, appraisals, etc.	\$3,805,578	\$1,141,673	\$2,663,905	\$1,771,829	\$1,509,000	\$262,829	\$1,793,446	\$1,509,000	\$284,446
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$1,791,619	\$537,486	\$1,254,133	\$727,637	\$60,871	\$666,766	\$769,875	\$60,871	\$709,004
e. Other architectural and engineering fees	\$7,500	\$2,250	\$5,250	\$7,500	\$7,500	\$0	\$7,500	\$7,500	\$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	\$28,819,806	\$8,669,749	\$20,150,057	\$16,027,039	\$4,930,271	\$11,096,768	\$17,627,112	\$5,505,484	\$12,121,628
j. Equipment	\$6,553,615	\$1,966,084	\$4,587,531	\$4,316,766	\$500,000	\$3,816,766	\$4,320,078	\$500,000	\$3,820,078
k. Miscellaneous	\$88,182	\$26,455	\$61,727	\$33,658	\$33,658	\$0	\$33,658	\$33,658	\$0
l. SUBTOTAL (add a through k)	\$42,726,744	\$12,841,830	\$29,884,914	\$23,649,350	\$7,115,667	\$16,533,683	\$25,558,482	\$7,690,880	\$17,867,602
m. Contingencies									
n. TOTALS (sum of l and m)	\$42,726,744	\$12,841,830	\$29,884,914	\$23,649,350	\$7,115,667	\$16,533,683	\$25,558,482	\$7,690,880	\$17,867,602

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