

**QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS**

**General Information**

<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b>  Department of Commerce, National Telecommunications and Information Administration	<b>2. Award Identification Number</b>  NT10BIX5570115	<b>3. DUNS Number</b>  080490584
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**4. Recipient Organization**  
  
 University of Wisconsin System 432 N Lake St, Room 104 , Madison, WI 53706

<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  03-31-2012	<b>6. Is this the last Report of the Award Period?</b>  <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.

<b>7a. Typed or Printed Name and Title of Certifying Official</b>  Carol Golisch	<b>7c. Telephone (area code, number and extension)</b>  X
	<b>7d. Email Address</b>  carol.golisch@uwex.edu

<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  05-07-2012
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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. As anticipated, little construction took place with less than a quarter mile of conduit laid during this quarter. Instead, concentration was placed on strengthening our procedures to ensure proper permitting to comply with all environmental requirements going forward.

To date, 226 miles (50%) of conduit and 3 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. Fiber shipments have been occurring as scheduled throughout the quarter. Installation of long haul electronic equipment has begun.

For the Chippewa Valley, a total of 32 miles of conduit only and an additional 35 miles of fiber has been installed to date. Fiber splicing, electronics installation and testing has begun with three additional Community Anchor Institutions connected this quarter. In Chippewa Valley one tower has been constructed to date. The remaining eleven towers will be constructed in 2012 through a bid process currently under development.

For the Wausau and Platteville communities, construction vendors have been selected and engineering is underway. Expectations are that construction will be completed in 2012.

Superior has seen no activity this 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 continuing to conduct webinars focusing on rural communities and e-commerce. A series of six video case studies were released to the general public as part of our community outreach.

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	48	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. Extra construction crews will be working this year to allow completion of fiber installation this calendar year. Related spending is finalized a quarter later.
2b.	Environmental Assessment	100	Actual spending exceeds budget. Initial assessment is complete.
2c.	Network Design	11	Design activity is underway. 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	64	Permitting activity is underway. See 2a above.
2f.	Site Preparation	0	NA
2g.	Equipment Procurement	0	NA
2h.	Network Build (all components - owned, leased, IRU, etc)	47	Construction is underway. See 2a above.
2i.	Equipment Deployment	44	Installation of electronic equipment is underway and new equipment is being delivered. The related invoices will not be paid until next quarter.
2j.	Network Testing	97	Purchase of network testing equipment is complete.
2k.	Other (please specify): Fiscal and Project Management	39	Staff expenses did not occur in project as early as anticipated so expenses are not likely to equal budget.

**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 on procurements and construction for the remaining towers, Wausau community network, and Platteville community network is behind schedule. The final procurement activities in Wausau and Platteville communities have occurred so construction should be underway next quarter. The procurement activities for the remaining eleven towers in Chippewa Valley are being finalized so construction should be underway next quarter.

Given the large scale of construction, we have been working closely with multiple areas of the Wisconsin Department of Natural

Resources to ensure compliance with all environmental requirements. This effort has been time-consuming for all parties. As stated earlier, we anticipate adding additional construction crews to ensure completion of fiber installation by the end of 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	38	Baseline has 310 miles. Delayed receipt of Finding of No Significant Impact delayed the start of network build. Fiber delivery also had manufacturing delays. Installation of fiber should begin in earnest starting in April 2012 with actual expenditures occurring shortly afterwards.
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)	38	See explanation for new miles deployed above.
Number of new wireless links	35	Baseline has 70 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. 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. Fiber delivery also had manufacturing delays. Installation of fiber should begin in earnest starting in April 2012 with actual expenditures occurring shortly afterwards.
	Providers with signed agreements receiving improved access	0	See explanation above.
	Providers with signed agreements receiving access to dark fiber	1	Baseline has 5 providers. See explanation above.
Community Anchor Institutions (including Government institutions)	Please identify the speed tiers that are available and the number of subscribers for each	0	See explanation above.
	Total subscribers served	8	Baseline has 96 institutions. Delayed receipt of Finding of No Significant Impact delayed the start of network build. Fiber delivery also had manufacturing delays. Installation of fiber should begin in earnest starting in April 2012 with actual expenditures occurring shortly afterwards.
	Subscribers receiving new access	6	See explanation above.
Residential / Households	Subscribers receiving improved access	2	See explanation above.
	Please identify the speed tiers that are available and the number of subscribers for each	1,000	Speed tiers include 5 subscribers at 10 Mb and 3 subscribers at 1 Gb.
	Entities passed	0	Baseline is 3,098 entities passed - all in last mile service areas. Delayed receipt of Finding of No Significant Impact delayed the start of network build. Fiber delivery also had manufacturing delays. Installation of fiber should begin in earnest starting in April 2012 with actual expenditures occurring shortly afterwards.
Businesses	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.
	Entities passed	0	Baseline is 550 entities passed - all in last mile service areas. Delayed receipt of Finding of No Significant Impact delayed the start of network build. Fiber delivery also had manufacturing delays. Installation of fiber should begin in earnest starting in April 2012 with actual expenditures occurring shortly afterwards.

**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
Luther Midelfort Red Cedar Medical Center	Menomoneie	Healthcare	No	Deliver health care services to area residents.
Mondovi School District - Anthony Elementary	Mondovi	K12	No	Deliver educational services to school district residents.
Mondovi School District High School	Mondovi	K12	No	Deliver educational services to school district residents.

**Project Indicators (Next Quarter)**

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

For the April - June 2012 quarter, construction of the network will continue in earnest. The long haul and Chippewa Valley will have installation of fiber optic cable, splicing and installation of electronic equipment. Chippewa Valley will continue connecting Community Anchor Institutions and obtain permitting for tower construction. For Platteville and Wausau communities, focus will be on completing the engineering and design phase of construction as well as all required permitting. We anticipate fiber installation in Superior will begin late in the quarter.

Key project performance indicators for this quarter (cumulative):

New network miles installed: 165

Total Community Anchor Institutions connected: 35

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	55	Actual spending was delayed when build was not started as planned due to delays in the Finding of No Significant Impact process. We expect a slow start to spring construction activities due to permitting delays, but expect to make up the time with additional crews so fiber installation can be completed by December 2012. Expenditures will be delayed for one quarter since sub-recipients are paid on a cost reimbursement basis.
2b.	Environmental Assessment	100	Activity is complete.
2c.	Network Design	13	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	64	See 2a explanation above.
2f.	Site Preparation	0	NA

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2g.	Equipment Procurement	0	NA
2h.	Network Build (all components - owned, leased, IRU, etc.)	52	See 2a explanation above.
2i.	Equipment Deployment	66	Now that build has started, equipment orders and related invoices are being processed. There are delays in reporting expenses since sub-recipients are on a cost reimbursement basis.
2j.	Network Testing	97	Purchase of network testing equipment is complete.
2k.	Other (please specify): Fiscal and Project Management	43	Since staff did not start in project as early as initially expected, expenses are not likely to equal budget.

**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 primary challenge that may impact planned progress this quarter will be obtaining all necessary permits to keep construction crews fully engaged. We are working closely with all required permitting agencies to expedite processing and approval. Approvals for route changes will be needed during this quarter to address right-of-way issues and rocky conditions in portions of the project. Approval of these changes will allow us to remain within budget and on schedule. Additional impact includes one more community anchor institution and one more point of interconnect.

**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	\$632,675	\$74,367	\$558,308	\$699,212	\$74,367	\$624,845
b. Land, structures, right-of-ways, appraisals, etc.	\$3,805,578	\$1,141,673	\$2,663,905	\$1,751,919	\$1,509,000	\$242,919	\$1,751,919	\$1,509,000	\$242,919
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	\$559,084	\$60,871	\$498,213	\$591,249	\$60,871	\$530,378
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	\$14,415,670	\$4,185,998	\$10,229,672	\$15,898,076	\$4,674,265	\$11,223,811
j. Equipment	\$6,553,615	\$1,966,084	\$4,587,531	\$3,021,876	\$250,000	\$2,771,876	\$4,472,408	\$700,000	\$3,772,408
k. Miscellaneous	\$88,182	\$26,455	\$61,727	\$33,658	\$33,658	\$0	\$33,658	\$33,658	\$0
<b>l. SUBTOTAL (add a through k)</b>	\$42,726,744	\$12,841,830	\$29,884,914	\$20,422,382	\$6,121,394	\$14,300,988	\$23,454,022	\$7,059,661	\$16,394,361
m. Contingencies									
<b>n. TOTALS (sum of l and m)</b>	\$42,726,744	\$12,841,830	\$29,884,914	\$20,422,382	\$6,121,394	\$14,300,988	\$23,454,022	\$7,059,661	\$16,394,361

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