

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
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) 06-30-2013	6. Is this the last Report of the Award Period? <div style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </div>	
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 Fiscal Compliance & Reports Manager	7c. Telephone (area code, number and extension) 6088904248	7d. Email Address carol.golisch@uwex.edu
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 08-14-2013	

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. Ground disturbing construction halted for the winter season but continued into this quarter with a late spring thaw and heavy rains. During the quarter we were able to continue fiber splicing and complete indoor connections as well as tower erection. For the overall project, a total of 520 fiber miles have been installed and 104 Community Anchor Institutions connected to date. Detail follows.

In the areas between Summit Lake to Wausau, Wausau to Stevens Point, Stevens Point to Eau Claire, Eau Claire to Superior, and Platteville to Madison a total of 369 miles of fiber have been installed and 3 Community Anchor Institutions connected. For the Chippewa Valley, a total of 131 miles of fiber has been installed to date. Fiber splicing, electronics installation and testing continue with 62 Community Anchor Institutions connected thus far. In Chippewa Valley, tower erection has been completed for nine of the 15 sites planned for the region. Construction and equipment installation is almost completed for the other 6 sites. In Platteville, all 8 miles of fiber has been installed and all 23 Community Anchor Institutions connected. In Wausau, 8 miles of fiber has been installed and 11 Community Anchor Institutions connected. The remaining work in Wausau will be completed next quarter. For Superior, all 4 miles of fiber has been installed and 5 Community Anchor Institutions connected. The remaining Superior connections will occur next quarter.

All remaining work for the project will be completed in the third quarter. Marketing and outreach efforts are now taking place through the newly created Center for Community Technology Solutions within the University of Wisconsin - Extension. The efforts include county listening sessions occurring in eight counties and multiple presentations made to participants interested in broadband. No new 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	92	Actual recorded federal and match spending for network build are lower caused by delays due to late receipt of the Finding of No Significant Impact at the start of the project, environmental permitting delays in 2012 and weather issues in 2013.
2b.	Environmental Assessment	100	Actual spending exceeds budget. Initial assessment is complete.
2c.	Network Design	33	Design activity is complete. Full budget will not be spent since outside consultants were not utilized to the extent originally budgeted.
2d.	Rights of Way	100	Activity is complete.
2e.	Construction Permits and Other Approvals	75	Permitting continues. See 2a above.
2f.	Site Preparation	0	NA
2g.	Equipment Procurement	0	NA
2h.	Network Build (all components - owned, leased, IRU, etc)	95	Construction started in earnest this quarter. See 2a above.
2i.	Equipment Deployment	82	Almost all equipment has been received. Final invoices will be paid next quarter.
2j.	Network Testing	97	Purchase of network testing equipment is complete.
2k.	Other (please specify): Fiscal and Project Management	99	Staff expenses are on target.

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 late winter and spring thaw as well as heavy rains delayed the restart of construction until May. This delay meant a delay for fiber construction activities and connecting many community anchor institutions. All community anchor institutions will be connected next quarter.

Migratory birds started nesting on the bridge over the Wisconsin River in Wausau which means we have to delay final construction of that segment until late next quarter.

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	520	Baseline plan has 588. Delayed receipt of the Finding of No Significant Impact delayed the start of network build. The extensive review required for environmental permitting delayed construction. The more recent prolonged winter and late spring thaw with heavy rains further delayed construction.
New network miles leased	0	NA
Existing network miles upgraded	44	Activity is complete.
Existing network miles leased	0	NA
Number of miles of new fiber (aerial or underground)	520	See explanation for new miles deployed above.
Number of new wireless links	101	Baseline has 101 links.
Number of new towers	8	Baseline has 12 new towers. Construction is almost complete for two towers. The remaining two towers changed to co-location attachment sites. See explanation for new miles deployed above.
Number of new and/or upgraded interconnection points	142	Activity is complete.

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	3
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	2
Average term of signed agreements (in quarters)	24

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 signed agreement with Packerland Broadband as sub-recipient. A second agreement has been reached for wholesale services between Packerland Broadband and the Wisconsin Independent Network (WIN). Packerland Broadband has a new agreement with WiscNet to provide last mile services to Community Anchor Institutions.

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 sub recipient, Packerland Broadband will receive access to dark fiber. Packerland Broadband will provide wholesale services to third party providers. For the first agreement, a 1Gb circuit is being leased for \$1,372 per month. As sub recipient, the WiscNet lease agreement provides access to 28 fiber strands to serve community anchor institutions for estimated cost of network maintenance at \$2,479 per month.

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).

The following sub-recipients 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 as the Research and Education operator for the University of Wisconsin System and the operator for connections to community area networks,
 Chippewa Valley Inter-Networking Consortium, (715) 723-0341, for the Chippewa Valley area,
 Wausau Community Area Network, (715) 675-3331, for the Wausau area,
 Platteville Community Area Network, (608) 342-1491, for the Platteville area, and
 Superior Community Area Network, (715) 394-8101 for the Superior area.

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	1	Baseline plan has 2. Delayed receipt of the Finding of No Significant Impact delayed the start of network build. The extensive review required for environmental permitting delayed construction. The more recent prolonged winter and late spring thaw with heavy rains further delayed construction. All delays resulted in delays in sales of services.
	Providers with signed agreements receiving improved access	0	NA
	Providers with signed agreements receiving access to dark fiber	1	Baseline plan has 14. See explanation above.
	Please identify the speed tiers that are available and the number of subscribers for each	2	One provider has a 1 Gb connection and the other just has dark fiber at this time.
Community Anchor Institutions (including Government institutions)	Total subscribers served	104	Baseline plan has 182. Delayed receipt of the Finding of No Significant Impact delayed the start of network build. The extensive review required for environmental permitting delayed construction. The more recent prolonged winter and late spring thaw with heavy rains further delayed construction. All delays resulted in delays in sales of services.
	Subscribers receiving new access	88	See explanation above.
	Subscribers receiving improved access	16	See explanation above.
	Please identify the speed tiers that are available and the number of subscribers for each	5	1000 Mb (1Gb) is the most common connection speed. One subscriber is at 40 Gb, 2 subscribers are at 20 Gb, 9 subscribers are at 10Gb, 10 subscribers are at 2 Gb and the other 82 subscribers are at 1 Gb.
Residential / Households	Entities passed	0	Baseline plan has 3098. Delayed receipt of the Finding of No Significant Impact delayed the start of network build. The extensive review required for environmental permitting delayed construction. The more recent prolonged winter and late spring thaw with heavy rains further delayed construction. All delays resulted in delays in sales of services.
	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 plan has 550. Delayed receipt of the Finding of No Significant Impact delayed the start of network build. The extensive review required for environmental permitting delayed construction. The more recent prolonged winter and late spring thaw with heavy rains further delayed construction. All delays resulted in delays in sales of services.
	Total subscribers served	0	See explanation above.
	Subscribers receiving new access	0	See explanation above.
	Subscribers receiving improved access	0	See explanation above.

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	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 website 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
Marathon County Highway Maintenance Office	Wausau	Other government	N	Deliver other government services to area residents
Marathon County Maintenance Shop	Wausau	Other government	N	Deliver other government services to area residents
Marathon County Parks Department	Wausau	Other government	N	Deliver other government services to area residents
Wausau School District Lincoln Elementary	Wausau	K12	N	Deliver educational services to school district residents
Wausau School District Maintenance Shop	Wausau	K12	N	Deliver educational services to school district residents
UW Marathon County	Wausau	Community college	N	Deliver higher education services to area residents
Wausau School District Lincoln Elementary	Wausau	K12	N	Deliver educational services to school district residents
Wausau School District Newman High School	Wausau	K12	N	Deliver educational services to school district residents
Wausau School District Thomas Jefferson Elementary	Wausau	K12	N	Deliver educational services to school district residents
Wausau School District West High School	Wausau	K12	N	Deliver educational services to school district residents
Northcentral Technical College	Wausau	Community college	N	Deliver higher education services to area residents
Stevens Point City Hall	Stevens Point	Other government	N	Deliver other government services to area residents
Stevens Point Fire Station	Stevens Point	Public Safety	N	Deliver public safety services to area residents
UW Stevens Point	Stevens Point	Community College	N	Deliver higher education services to area residents
Luther Midelfort Northland - Barron	Barron	Healthcare	N	Deliver healthcare services to area residents

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 Barron Division Ave	Barron	Healthcare	N	Deliver healthcare services to area residents
Luther Midelfort Northland - Cameron	Cameron	Healthcare	N	Deliver healthcare services to area residents
Luther Midelfort Northland - Chetek	Chetek	Healthcare	N	Deliver healthcare services to area residents
Luther Midelfort Northland - Rice Lake	Rice Lake	Healthcare	N	Deliver healthcare services to area residents
School District of Chetek	Chetek	K12	N	Deliver educational services to school district residents
Rice Lake School District High School	Rice Lake	K12	N	Deliver educational services to school district residents
Spooner School District High School	Spooner	K12	N	Deliver educational services to school district residents
Washburn County Courthouse	Shell Lake	Public Safety	N	Deliver public safety services to area residents
Washburn County Ed Elliot Building	Shell Lake	Other government	N	Deliver other government services to area residents
Spooner Health System	Spooner	Healthcare	N	Deliver healthcare services to area residents
Washburn County Highway Facility	Spooner	Other government	N	Deliver other government services to area residents
Washburn County Public Health Department	Spooner	Other government	N	Deliver other government services to area residents
Washburn County Spooner Annex	Spooner	Other government	N	Deliver other government services to area residents
Spooner City Hall	Spooner	Other government	N	Deliver other government services to area residents
Chippewa County Public Firearms Range	Bloomer	Public Safety	N	Deliver public safety services to area residents
Chippewa County Hot Mix Plant	Bloomer	Other government	N	Deliver other government services to area residents
WITC - Rice Lake	Rice Lake	Community College	N	Deliver higher education services to area residents
WITC - Shell Lake	Shell Lake	Community College	N	Deliver higher education services to area residents
Eau Claire School District Memorial High School	Eau Claire	K12	N	Deliver educational services to school district residents
Eau Claire School District North High School	Eau Claire	K12	N	Deliver educational services to school district residents
Platteville City Hall	Platteville	Other government	N	Deliver other government services to area residents
Platteville EMS/ Ambulance Building	Platteville	Public Safety	N	Deliver public safety services to area residents
Platteville Fire Station	Platteville	Public Safety	N	Deliver public safety services to area residents
Platteville Jamison Museum	Platteville	Other government	N	Deliver other government services to area residents

Platteville Parks Department	Platteville	Other government	N	Deliver other government services to area residents
Platteville Police Department	Platteville	Public Safety	N	Deliver public safety services to area residents
Platteville Rountree Gallery & Mining Museum	Platteville	Other government	N	Deliver other government services to area residents
Platteville Senior Center	Platteville	Other government	N	Deliver other government services to area residents
Platteville Streets Department	Platteville	Other government	N	Deliver other government services to area residents
Platteville Wastewater Treatment Plant	Platteville	Other government	N	Deliver other government services to area residents
Platteville Water Plant	Platteville	Other government	N	Deliver other government services to area residents
City of Platteville	Platteville	Library	N	Deliver other government services to area residents
Platteville School District - Gray Elementary School	Platteville	K12	N	Deliver educational services to school district residents
Platteville School District - High School	Platteville	K12	N	Deliver educational services to school district residents
Platteville School District - Maintenance Building	Platteville	K12	N	Deliver educational services to school district residents
Platteville School District - Middle School	Platteville	K12	N	Deliver educational services to school district residents
Platteville School District - Westview Elementary School	Platteville	K12	N	Deliver educational services to school district residents
Platteville School District - Wilkins Elementary School	Platteville	K12	N	Deliver educational services to school district residents
UW Platteville Gardner Hall	Platteville	Community College	N	Deliver higher education services to area residents
UW Platteville Giese Facilities Management Building	Platteville	Community College	N	Deliver higher education services to area residents
UW Platteville Kaufmann Hall	Platteville	Community College	N	Deliver higher education services to area residents
UW Platteville Morrow Hall	Platteville	Community College	N	Deliver higher education services to area residents
UW Platteville Farm	Platteville	Community College	N	Deliver higher education services to area residents
Superior City Hall	Superior	Other government	N	Deliver other government services to area residents
Douglas County Courthouse	Superior	Public Safety	N	Deliver public safety services to area residents
Superior School District High School	Superior	K12	N	Deliver educational services to school district residents
Superior School District Middle School	Superior	K12	N	Deliver educational services to school district residents
Superior School District Northern Lights Elementary School	Superior	K12	N	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 final phase of the project, the remaining 63 miles of fiber will be installed, network testing will occur, and the remaining 81

community anchor institutions will be connected.

All 15 tower sites, 10 new sites and five co-location attachment sites, in Chippewa Valley will be operational.

With completion of the network, we also expect sales in last mile service areas to start.

Key project performance indicators for this quarter (cumulative):

New network miles installed: 583

Total Community Anchor Institutions connected: 185

Signed agreement for broadband or last mile providers: 3

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	100	The project will be complete at the end of this quarter.
2b.	Environmental Assessment	100	Activity is complete.
2c.	Network Design	35	Use of 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	75	The need for permit costs was not as great as originally planned.
2f.	Site Preparation	0	NA
2g.	Equipment Procurement	0	NA
2h.	Network Build (all components - owned, leased, IRU, etc.)	100	Activity will be complete at the end of this quarter.
2i.	Equipment Deployment	90	The need for permit costs was not as great as originally planned.
2j.	Network Testing	97	The need for permit costs was not as great as originally planned.
2k.	Other (please specify): Fiscal and Project Management	100	All federal funds will be expended. Closeout activities will be paid with other cash resources.

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).

There are no challenges to report.

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	\$1,643,549	\$74,368	\$1,569,181	\$1,728,291	\$74,368	\$1,653,923
b. Land, structures, right-of-ways, appraisals, etc.	\$3,805,578	\$1,141,673	\$2,663,905	\$3,315,817	\$1,934,000	\$1,381,817	\$3,317,567	\$1,934,000	\$1,383,567
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	\$881,535	\$60,871	\$820,664	\$907,535	\$60,871	\$846,664
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	\$27,572,145	\$9,145,622	\$18,426,523	\$30,473,165	\$10,181,433	\$20,291,732
j. Equipment	\$6,553,615	\$1,966,084	\$4,587,531	\$5,817,896	\$550,000	\$5,267,896	\$6,258,680	\$550,000	\$5,708,680
k. Miscellaneous	\$88,182	\$26,455	\$61,727	\$34,006	\$33,658	\$348	\$34,006	\$33,658	\$348
l. SUBTOTAL (add a through k)	\$42,726,744	\$12,841,830	\$29,884,914	\$39,272,448	\$11,806,019	\$27,466,429	\$42,726,744	\$12,841,830	\$29,884,914
m. Contingencies									
n. TOTALS (sum of l and m)	\$42,726,744	\$12,841,830	\$29,884,914	\$39,272,448	\$11,806,019	\$27,466,429	\$42,726,744	\$12,841,830	\$29,884,914

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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