

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 NT10BIX5570116	3. DUNS Number 866946353
4. Recipient Organization North Central New Mexico Economic Development District College of Santa Fe Building T40, Santa Fe, NM 87505-7615		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2011	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 Tim Armer	7c. Telephone (area code, number and extension) X	
	7d. Email Address tima@ncnmedd.com	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 02-23-2012	

Project Indicators (This Quarter)

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

- Construction activities increasing from 27% to 51%.
- Increase of new fiber deployed from 2.27 to 30.57 miles complete. Previous PPR forecasted 29 additional miles.
- POP buildings set on the foundations in Espanola and Santa Fe, along with wiring, rack installation, HVAC, and back-up generator.
- Pole replacement cost sharing agreements resolved with electric utilities.
- Route changes/route alternatives ifor key project segments defined for EA Addendum.
- Rights-of-way, construction permits, site preparation and equipment procurement are all near 100% complete. The project overcame delays in fiber procurement with no effect on the project.
- REDI Net Board, Executive Committees, and Subcommittees formalized, with scheduled monthly meetings. In Q4 2011, the Board adopted SLAs for last-mile providers (currently being negotiated with five last-mile partners), wholesale pricing models, network policy documents, and bylaws.
- Issued RFB for upstream interconnect bandwidth.

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	Based on total expenditures, 55% of the project funds were obligated through the end of Q4 2011. Deviations from the baseline are described below and are associated with initial delays in receiving the FONSI, and recent delays involving make-ready. Nevertheless, construction activities have ramped up from 27% to 51% in the last quarter. Also, the project is on track for completion well before the three-year time frame, with construction slated to conclude in fall 2012.
2b.	Environmental Assessment	100	A Finding of No Significant Impact (FONSI) was issued on June 20, 2011. Completion of this milestone was anticipated in Quarter 3, Year 1. While the Environmental Assessment was completed on time, the federal review, federal comments and revisions to the EA took longer than expected.
2c.	Network Design	100	All engineering design was completed in project Q4 Y1 as projected in the baseline.
2d.	Rights of Way	97	There are a small number of outstanding permits with NM DOT, US DOE, and San Ildefonso Pueblo which account for the remaining 3%. This is a 3% variance from the baseline, which projected 100% completion. It is anticipated that the ROW permits will be 100% complete by the end of the upcoming reporting period. However, the outstanding permits have not held up construction activities as crews are currently assigned to permitted areas.
2e.	Construction Permits and Other Approvals	97	Local government construction permits are submitted and approved within 2-3 days as the construction crews advance closer to specific work sites. There have been no delays using this approach and none are anticipated, as the local governments issuing the permits are all partners in the project. We will continue on this process throughout the remainder of the project. This is a 3% variance from the baseline, which projected 100% completion.
2f.	Site Preparation	98	The only remaining site prep work is being conducted at our Los Alamos County POP location, where an electrical load assessment is still underway. This assessment was to be completed during project Q4 2011 but will carry over into project Q1 2012. Therefore, a 2% variance is reserved. This is not holding up project completion.
2g.	Equipment Procurement	98	All major equipment procurement was completed during Q3 2011. However, it is possible that some smaller items, such as additional CPE will be ordered in future reporting periods. Therefore, a 2% variance is reserved. This is not holding up project completion.

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2h.	Network Build (all components - owned, leased, IRU, etc)	51	Network construction began on June 27, 2011, immediately following issuance of the FONSI on June 20. Activities in the current reporting period include directional drilling, conduit placement, innerduct placement in existing conduit, internal building work, make ready (pole replacements, anchor setting, framing, etc), aerial fiber attachment, underground fiber installation, and setting the POP buildings. The baseline anticipated 82% completion of the network in project Q4 2011. Yet, much progress has been made ramping up after FONSI delays.
2i.	Equipment Deployment	0	Equipment deployment will begin in Q1 2012. Although baseline assumed 94% completion during Q4 2011, this will not impact project completion and equipment is pre-staged/pre-configured and ready for installation.
2j.	Network Testing	0	Configuration testing on network equipment was conducted in a lab environment, but testing of the outside plant has not commenced yet. Although baseline assumed 40% completion of network testing, this is not impacting project delivery.
2k.	Other (please specify): Project Management	49	Project management work continued as anticipated, providing construction management, procurement, and general oversight. Baseline forecasted 60% completion in project Q4 2011. The variance is mainly due to identified project savings and greater efficiencies.

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).

- Pole replacement expenses required significant negotiations with electrical utilities to stay within budget. Aerial construction activities were temporarily halted until a cost sharing agreement was finalized in late December 2011.
- FONSI delays placed most construction activities about 3 months behind, but the schedule is ramping up.
- Route changes and alternatives for key network segments required significant time and effort to identify for the EA Addendum.
- Communications links with NOC (Kit Carson Electric) and upstream bandwidth providers have been delayed to due the slower construction schedules of partner projects (Round 2 Kit Carson Electric BIP grant/loan and Plateau Communications BTOP grant).

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	31	Behind baseline due to make-ready delays (see 3 above).
New network miles leased	0	N/A
Existing network miles upgraded	5	5.33 miles of existing fiber
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	31	Behind baseline due to make-ready delays (see 3 above).
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	0	Interconnect points will be established closer to lighting network

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	5

Indicators			
Average term of signed agreements (in quarters)		0	
<p>5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers: N/A</p>			
<p>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: Previously attached wholesale pricing schedule was approved by the REDI Net Board in Q4 2011. The REDI Net Board is also adopting policies which allow it to consider requests for Aggregated Internet Bandwidth provided that these requests do not negatively impact current bandwidth commitments to community anchor institutions and other last-mile providers, and do not or will not in the next five years cause REDI Net to exceed its oversubscription rate. CoLocation services are also being developed.</p>			
<p>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). REDI Net is in the process of negotiating a three-year Network Management Agreement with Kit Carson Electric Cooperative and Telecom, as described in the original BTOP grant application. Kit Carson Telecom will provide network management for 100% of the REDI Net network. Kit Carson Telecom is not a sub-recipient, contractor or subcontractor under the BTOP grant, but is providing network management free of charge to REDI Net for its first three years of operation. Address: 201 Cruz Alta Road, Suite B, Taos NM, 87571.</p>			
<p>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).</p>			
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	No services are being provided to date.
	Providers with signed agreements receiving improved access	0	No services are being provided to date.
	Providers with signed agreements receiving access to dark fiber	0	No services are being provided to date.
	Please identify the speed tiers that are available and the number of subscribers for each	0	No services are being provided to date.
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	No services are being provided to date.
	Subscribers receiving new access	0	No services are being provided to date.
	Subscribers receiving improved access	0	No services are being provided to date.
	Please identify the speed tiers that are available and the number or subscribers for each	0	No services are being provided to date.
Residential / Households	Entities passed	0	Residential services will be provided by last-mile providers.
	Total subscribers served	0	Residential services will be provided by last-mile providers.
	Subscribers receiving new access	0	Residential services will be provided by last-mile providers.

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Subscribers receiving improved access	0	Residential services will be provided by last-mile providers.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Residential services will be provided by last-mile providers.
Businesses	Entities passed	0	Business services will be provided by last-mile providers.
	Total subscribers served	0	Business services will be provided by last-mile providers.
	Subscribers receiving new access	0	Business services will be provided by last-mile providers.
	Subscribers receiving improved access	0	Business services will be provided by last-mile providers.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Business services will be provided by last-mile providers.

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

REDI Net will provide the following service offerings: For community anchor institutions: Bundled Internet/Ethernet Access, Ethernet Transport. For last-mile service providers: Per Subscriber Bandwidth, Aggregated Internet Bandwidth, CoLocation.

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

8b. If so, please describe the changes (300 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. 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
N/A	N/A	N/A	N/A	The inside plant construction is underway, preparing the buildings for receiving and terminating the fiber connections. However, the fiber drops have not been placed as of the current reporting period. 66 buildings have been prepped to date.

Project Indicators (Next Quarter)

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

- Construction Activities: 20 new network miles will be deployed and significant ramp-up in pole replacements will occur now that cost sharing agreements have been reached with the utilities. Will complete major backbone segment between Santa Fe and Espanola.
- Route Changes: We expect to submit an EA Addendum for additional laterals and Los Alamos County backbone route alternatives in upcoming reporting period.
- Contracts and Agreements: REDI Net anticipates awarding contract/s for interconnect bandwidth and signing a network operations agreement with Kit Carson Telecom. Some of the agreements with last mile providers may be finalized by the end of Q1 2012.
- We do not anticipate providing service to CAI subscribers by the end of Q1 2012, as our NOC communications link may not be active by that date due to slower deployment of the Kit Carson BIP project. No network miles will be leased in this project.

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	67	Construction activity will continue to ramp up through Q1 2012, bringing the project closer to performance goals.
2b.	Environmental Assessment	100	Complete
2c.	Network Design	100	Complete
2d.	Rights of Way	100	Complete
2e.	Construction Permits and Other Approvals	98	Local government permits are being phased in closer to initiating the construction activities, so it is feasible that a small number of permits might be applied for after the upcoming reporting period. However, this will not impact overall project delivery.
2f.	Site Preparation	100	Complete
2g.	Equipment Procurement	98	All major equipment orders are already complete, although it is possible that some smaller elements (servers, additional CPE) might be needed after the upcoming reporting period, so 2% of the budget is being reserved.
2h.	Network Build (all components - owned, leased, IRU, etc.)	65	Construction and procurement activities started late June 2011, due to delays with the FONSI. Since initiating construction, there were some additional challenges with pole attachment applications, make-ready, and materials supply, all of which have been resolved. Construction and procurement are now ramping up. We are incrementally catching up on network build and will continue to do so in the upcoming reporting period. Upcoming activities include significant focus on pole replacements, then resuming aerial fiber installation. Continued progress will be made on boring, conduit placement, underground fiber installation, and POP setup.
2i.	Equipment Deployment	50	Core routing equipment and a portion of the CPE will be installed in Q1 2012.
2j.	Network Testing	25	Field testing will commence on the core routing equipment in Q1 2012.
2k.	Other (please specify): Project Management	58	Project management work continued as anticipated, providing construction management, procurement, and general oversight.

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).

In the current reporting period, the project experienced delays in make-ready, which will take time to catch up on in the upcoming reporting period. As stated previously in this PPR, in late December 2011 agreements were reached with the utilities on cost-sharing agreements which will not add extra cost to the project, however there is ramp-up work needed on make-ready activities before aerial fiber placement can resume. The forecast for Q1 2012 assumes no unforeseen challenges arise. Make-ready activities will be monitored closely, with weekly status meetings planned with the utilities to ensure an efficient rollout. Other challenges in the current reporting period that may impact the upcoming quarter are route changes/route alternatives. Based on guidance from NTIA, we will be submitting an EA Addendum. This work is already underway with our EA consultants. The timing of the EA Addendum (including agency consultations and BTOP processing) is critical to maintain overall project delivery and meet construction deadlines, as we are scheduled to complete network build by fall 2012. New laterals, backbone alternatives, and CAI connections included in the EA Addendum will have to be authorized within 3-5 months, or crews will no longer be mobilized.

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	\$150,000	\$31,664	\$118,336	\$102,445	\$21,616	\$80,828	\$122,785	\$25,367	\$97,418
b. Land, structures, right-of-ways, appraisals, etc.	\$867,400	\$183,036	\$684,364	\$823,900	\$823,900	\$0	\$823,900	\$823,900	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$1,579,060	\$333,196	\$1,245,864	\$944,112	\$199,213	\$744,899	\$1,042,320	\$219,008	\$823,312
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$10,794,983	\$2,277,755	\$8,517,228	\$5,461,525	\$1,149,397	\$4,312,128	\$7,046,844	\$1,095,593	\$5,951,251
j. Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$13,391,443	\$2,825,651	\$10,565,792	\$7,331,982	\$2,194,126	\$5,137,855	\$9,035,849	\$2,163,868	\$6,871,981
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$13,391,443	\$2,825,651	\$10,565,792	\$7,331,982	\$2,194,126	\$5,137,855	\$9,035,849	\$2,163,868	\$6,871,981

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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