

ANNUAL 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) 12-31-2012	6. Is this the last Annual 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): 03-05-2013	

OVERALL PROJECT PERFORMANCE INDICATORS

1. Please provide the following average cost figures for your project. Please review the instructions to determine how to calculate these figures. Write "0" in the second column and "N/A" in the third column if your project does not yet have this information. Depending on whether your project contains Middle Mile and/or Last Mile components, some metrics may not apply. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).

Cost Indicator	Average Cost / Speed	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Average cost per new mile (Middle Mile)	0	N/A. Network was not "live" and no production quality, revenue generating services were provided in 2012. Only trial based services were offered, on a limited basis, for assisting with network testing. "Go-live" planned for Feb 2013.
Average cost per household passed (Last Mile)	0	N/A.
Average cost per subscriber (Last Mile)	0	N/A.
Maximum broadband speed advertised (Middle Mile)	0	N/A. Network was not "live" and no production quality, revenue generating services were provided in 2012. Only trial based services were offered, on a limited basis, for assisting with network testing. "Go-live" planned for Feb 2013.
Maximum broadband speed advertised (Last Mile)	0	N/A.
Average broadband speed provided (Middle Mile)	0	N/A. Network was not "live" and no production quality, revenue generating services were provided in 2012. Only trial based services were offered, on a limited basis, for assisting with network testing. "Go-live" planned for Feb 2013.
Average broadband speed provided (Last Mile)	0	N/A.

2. Please provide each facility name and type, the county where the facility is located, and census tract information for any facilities funded by your project during this annual reporting period. Report only facilities for which construction has been completed.

Facility Identifier / Name	Facility Type	County	Census Tracts
REDI Net Espanola POP	POP	Rio Arriba County, NM	35039940700

Add Facility

Remove Facility

3. Please identify (1) the total number of interconnection, peering, and/or transit agreements entered into during this annual reporting period; (2) the total number of agreements of each type that you are currently negotiating; and (3) whether you have denied any request for interconnection and if so, why. If you have not entered into any agreements, please write "N/A."

Interconnection Agreements (600 words or less)

REDI Net signed one interconnect agreement, for providing REDI Net with upstream Internet bandwidth. REDI Net was under negotiation with 5 downstream last-mile providers, for providing them with wholesale Internet and point-to-point Ethernet transport. No requests were denied for interconnection.

Peering and Transit Agreements (600 words or less)

There were no peering and/or transit agreements entered into during this reporting period, no agreements were under negotiation, and no denials were made.

CAPACITY, UTILIZATION, AND CAPABILITY INDICATORS

4. Community Anchor Institutions: In the chart below, please provide information on the types of community anchor institutions capable of receiving service (i.e., anchor institutions connected to your network plus those passed by your network) as a result of BTOP funds.

Type of Community Anchor Institution	Total Number Within Service Area	Type of Community Anchor Institution	Total Number Within Service Area
Schools (K-12)	29	Public Housing	0
Libraries	3	Other Institutions of Higher Education	3
Medical and Healthcare Providers	10	Other Community Support Organizations	18
Public Safety Entities	22	Other Government Facilities	17
Community Colleges	0	Total Community Anchor Institutions	102

5. Please indicate the average increase in broadband speed provided to the community anchor institution customers as a result of your project, including a description of how this increase was calculated (600 words or less).

On average, we find that CAIs that are currently utilizing a DSL or cable modem style service are moving to a fiber service on REDI Net below 10 Mbps. However, the performance of REDI Net fiber-based services is typically far superior to that of older DSL/cable modem services, even though the "advertised" speeds might be similar numbers. So, there may not be an increase when comparing the numbers of the advertised speeds, but there are significant performance improvements on REDI Net. CAI's that are on private line T-1 type services from the incumbent telephone companies are typically moving to 10 Mbps and 20 Mbps services from REDI Net. We also find that CAIs on higher tiers of service, such as 50 Mbps and 100 Mbps, are doubling their capacity over the current incumbent services, indicating a market gap that REDI Net has been able to address.

6. What retail services are being provided by this project? Please describe below. (600 words or less). As an attachment to this report, please provide pricing plans (in \$ per month) associated with each retail service. Retail services description:

REDI Net provides wholesale services to last-mile providers and to qualifying CAIs. REDI Net does not provide retail consumer services.

7a. What network management policies (e.g., bandwidth limitations, traffic prioritization) are in place for the services provided by your project? 7b. Have you ever limited or blocked consumers from accessing any lawful content, service, service provider, or application, or prevented any consumers from attaching any legal device to the network? If so, please explain why (300 words or less)?

REDI Net's Board of Directors has enacted a comprehensive Network Policy manual, addressing both CAI network services and wholesale services to last-mile providers. The service policies contain provisions for establishing the bandwidth rate pursuant to the tier of service being subscribed to. REDI Net does not prioritize traffic based on source/destination addressing nor application type. REDI Net forwards data packets at the speed provisioned under the service tier. REDI Net has not limited or blocked consumers from accessing any lawful content, service, service provider, or application, or prevented any consumers from attaching any legal device to the network. REDI Net's network management policies have also adopted Open Access, Nondiscrimination and Interconnection provisions, consistent the the terms provided NTIA BTOP.

8. If applicable, please provide the total number and the percentage of subscribers who have dropped the broadband service provided through this project (total number of households and/or businesses and the "churn rate") and the subscribers' reasons for discontinuing their service (600 words or less).

N/A. REDI Net has not experienced any churn.

9. Please provide the following information regarding the number of fiber strand-miles:

Total Number of Strand-miles	Total Number of Active Fiber Strand-miles Used by Recipient	Total Number of Leased Fiber Strand-miles	Total Number of Dark Fiber Strand-miles	Total Number of Strand-miles Being Built		
				Active	Leased	Dark
13,858	13,858	0	0	16,401	0	0

10. If you wholesale dark fiber, please list your wholesale customers and the number of fiber miles you currently are leasing to those customers:

N/A. REDI Net does not currently offer wholesale access to dark fiber.

11. Please provide the following information regarding the facility collocation capacity:

Total Facility (total square feet for all facilities)	Number of Square Feet Used by Recipient	Number of Square Feet Leased	Number of Square Feet Available
484	436	0	48

12. If you do not own collocation space, please describe how and where other network providers and/or customers interconnect with your network (600 words or less).

REDI Net Point-of-Presence (POP) facilities contain collocation space and offers interconnect points with other network providers and customers. REDI Net also collocate with interconnect providers at their facilities, should that option be deemed appropriate, either by creating a passive interconnect point at splice point within a manhole location, or by building our own infrastructure into the interconnect providers facilities and collocating our equipment there. REDI Net also considers establishing "meet-me-points" with last-mile providers at outside plant locations, such as vaults, cabinets, and splice cases.

13. To the extent that you have made any subcontracts or sub grants, please provide the number of subcontracts or sub grants that have been made to socially and economically disadvantaged small business (SDB) concerns as defined by section 8(a) of the Small Business Act, 15 U.S.C. 647, as modified by NTIA's adoption of an alternative small business size standard for use in BTOP. Please also provide the names of these SDB entities (150 words or less).

n/a

14. Please describe any best practices/lessons learned that can be shared with other similar BTOP projects (900 words or less).

Establish best practices for asset management early on to ensure development of operational and financial infrastructure is addressed adequately. In turn, a practical business model can be created and sustained. Given the complexity and multi-layered partnerships REDI Net has, critical attention is necessary towards provision and update of information to all stakeholders on regular basis.

15. Using the Excel spreadsheet template titled "Annual PPR CCI Addendum", please provide an updated list of Community Anchor Institutions (CAIs) that you have connected and plan to connect to your network.

16. Using the Excel spreadsheet template titled "Annual PPR CCI Addendum", please provide a list of community pairs that are receiving new or improved broadband service as a result of BTOP grant funds.

17. Please provide up-to-date network route maps in a single file, in a Google Earth compatible format (e.g., KMZ file).