OMB CONTROL NUMBER: 0660-0037
EXPIRATION DATE: 12/31/2013

ANNUAL PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted	2. Award Identification Number	3. DUNS Number
Department of Commerce, National Telecommunications and Information Administration	NT10BIX5570122	961960122

4. Recipient Organization

Florida Rural Broadband Alliance, LLC 4636 Hwy 90, Ste. K, Marianna, FL 32446-3508

5. Current Reporting Period End Date (MM/DD/YYYY)	6. Is this the last Annual Report of the Award Period?
12-31-2011	◯ Yes ⦿ 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	7c. Telephone (area code, number and extension)
Johnene Marcum CFO	8507853254
	7d. Email Address johnene@johnenemarcumcpa.com

7b. Signature of Certifying Official	7e. Date Report Submitted (MM/DD/YYYY):
Submitted Electronically	03-14-2012

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)	$19,042	Average cost per mile based on initial 230 mile build of Hardee County.
Average cost per household passed (Last Mile)	$3771.76	This project is a Middle Mile network. However, we will work with our Local Access providers to collect and report on this data as it becomes available.
Average cost per subscriber (Last Mile)	$3771.76	This project is a Middle Mile network. The cost per subscriber are based on anchor tenant connections.
Maximum broadband speed advertised (Middle Mile)	0	Construction will begin in 2012 and it is anticipated that available speed tiers will begin at 10 Mbps, in increments of 10 Mbps to 100 Mbps. Service to 1 Gbps will be available, but we have conservatively estimated that we will only add customers at that level of service beyond year 3
Maximum broadband speed advertised (Last Mile)	0	Construction will begin in 2012 and it is anticipated that available speed tiers will begin at 10 Mbps, in increments of 10 Mbps to 100 Mbps. Service to 1 Gbps will be available, but we have conservatively estimated that we will only add customers at that level of service beyond year 3
Average broadband speed provided (Middle Mile)	0	Construction will begin in 2012 and it is anticipated that available speed tiers will begin at 10 Mbps, in increments of 10 Mbps to 100 Mbps. Service to 1 Gbps will be available, but we have conservatively estimated that we will only add customers at that level of service beyond year 3
Average broadband speed provided (Last Mile)	10 Mbps	This project is a Middle Mile network. Last mile services are being provided to selective anchors. The current average speed for anchor tenants is 10 Mbps.

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
N/A. We are leasing co-location facilities and space on existing commercial towers and in-kind vertical assets. There is no new construction for this project.	N/A	N/A	N/A

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)
FRBA has interconnection agreements with four wholesale providers.

• Rapid Systems has agreement with the Hardee County Broadband Project.
• Rapid Systems has a wholesale agreement with Daystar for Last Mile Services within the FRBA project
• Rapid Systems has a wholesale / Last Mile agreement with Knology for Voice over Internet Protocol services within the FRBA project and is currently deploying Hosted and Residential Voice over Internet Protocol
• Rapid Systems has a wholesale/Last Mile agreements with TampaBayDSL

No requests were denied in 2011.

Peering and Transit Agreements (600 words or less)

FRBA has established a IRU and IP transit agreement with Level 3 for fiber and internet services. These services are being provided to FRBA anchor

tenants and wholesale service providers using FRBAs network services.

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)	185	**Public Housing**	11
Libraries	29	**Other Institutions of Higher Education**	19
Medical and Healthcare Providers	75	**Other Community Support Organizations**	301
Public Safety Entities	107	**Other Government Facilities**	131
Community Colleges	7	**Total Community Anchor Institutions**	865

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).

The FRBA network is increasing broadband speeds by a multiple of 4 to 20 times previously available services throughout the region. CAIs are moving from DSL speeds of 1 Mbps to FRBA wireless speeds of 5 to 20 Mbps. Other CAIs are upgrading to 200 Mbps which is 20 times the available capacity they were able to receive prior to FRBA providing broadband in their serving area.

Preliminary research indicates that current broadband speed available for community anchor institutions is less than 6 Mbps, according to survey respondents that were asked to identify their ISP's advertised speed. Actual average anchor tenant speeds have been less than 1.5 Mbps based on T1 or DSL connectivity. Actual speeds measured at individual workstations can be substantially less than advertised speeds. Current anchor connection speeds being provided by FRBA in Hardee county average 10 Mbps or better. Top speeds currently being provided peak at 20 Mbps. Therefore, we conservatively anticipate the average increase in broadband speed provided to be in the range of 10 Mbps with the capability of reaching 100 Mbps on average for high speed connections.

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:

FRBA is a middle provider and as such will not be offering a broad based retail service except to anchor institutions and as carrier of last resort. However, in these scenarios, FRBA plans to offer wireless Ethernet and Internet based services. These services will be offered in bandwidth pricing tiers to accommodate the needs of the region. These services will be offered in multiples of 2, 5, 10, 15, 20, and up Mbps.

Planned services include Standard and Premium wholesale, enterprise, and e-Rate/discounted government Ethernet access.

Please see the attached preliminary pricing plan draft for the FRBA network.

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)?
Network management policies are in compliance with the nondiscrimination and interconnection obligations outlined in the NOFA. When completed, the project will provide open, ubiquitous, Middle Mile access to broadband Internet services for both private entities and public institutions in the underserved areas of northern and central Florida.

FRBAs network management policies are in effect and active with the initial deployment of Hardee County. These policies will continue to be developed and scaled to meet the needs of the region as the FRBA network continuous to be deployed in other counties.

We will display all non-discrimination practices in a prominent location on our web site and we will provide notice to customers of any changes to these policies. We are fully committed to offering wholesale access to the project facilities at reasonable rates and terms. We are also committed to binding private arbitration for any disputes concerning these interconnection obligations. Our network management practices and policies will adhere to the principles contained in the FCC's Internet Policy Statement and not show favoritism to any lawful Internet applications and content over others. The FRBA network will not be a private closed network, but will instead be connected to the public Internet directly and provide open access to all Internet resources. We will offer interconnection where technically feasible without exceeding current or reasonably anticipated capacity limitations on reasonable rates and terms to be negotiated with requesting parties.

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).

No subscriber has dropped service during the early testing and pilot phase of the deployment in Hardee County. Based on the small sample size of 26 subscribers the churn rate is 0%. The FRBA network is still relatively new and an effective churn rate cannot be calculated at this time.

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**
1,216	1,216	0	0	0	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

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
144	144	0	0

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).

FRBA has negotiated space with Level 3 and Rapid Systems and has a collocated cabinet at each of the tower location sites. FRBA provides wireless network access so subscriber and wholesale service connections can be made at any one of the 4 fiber collocation data centers or at the tower sites through either wireless or physical Ethernet service connections to the cabinet. This enables FRBA to provide wholesale providers and anchor tenants a number of geographic options.

Interconnection for customers (last mile providers) will be accessed through switched IP/Ethernet multi-service access platforms located at each tower/wireless network site.

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).

FRBA has not issued any subcontracts or subgrant SDB firms.

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

FRBA has improved its approach to network design, utilizing shorter links, more licensed towers, and lower cost ratios to yield greater reliability and greater — all within the original project budget. This approach enabled FRBA to redesign its network to meet commercial carrier class service objectives and create more cost effective opportunities for wholesale services providers. FRBA in collaboration with its partners and vendors has developed and tested the next generation high capacity wireless backbone designs capable of multi-gigabit speeds and network access options from 10 Mbps to 1 Gbps.

In addition FRBA has created and leveraged Level 3s BTOP grant investment that was essential to providing fiber access through the ILAs in rural central and northern Florida. This has proved to be essential to managing high capacity links and services to FRBAs wireless core.

With the help of Rapid Systems, FRBA has developed an ISO standardized documentation framework for the project and plans to continue to develop ISO best practices as part of its operational deployment. These standards are being incorporated into FRBAs Operational Support and Back Office Systems to streamline operational and customer service management processes. This high degree of automation will help reduce the operational burden and cost that FRBA will incur as anchor tenants and wholesale partners begin to fully utilize the network. Some of FRBAs ISO documents include;

• Quality Policy Manual

• Document Control Manual/Record Retention Policy
• Warehouse Policy/Procedures
• Finance Policy/Procedures
• Inventory Control/Asset Tagging
• Dispatch/RMA Policies/Procedures
• Interoperability and Benchmark Testing
• Security and Disaster Plan/Hurrican/Fire
• Fabrication and Work Practices

FRBA also attended the BTOP Best Practices workshop and identified a number of awardees that have already developed best practices. Some of these best practices have contributed to the redesign and development of internal processes related to procurement, fraud prevention, and the development of RFPs for construction. In addition FRBA has been evaluating how other programs are managing compliance..

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).