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?
12-31-2012	◯ 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)
Jim Brook	X
	7d. Email Address brook.jim@gmail.com

7b. Signature of Certifying Official	7e. Date Report Submitted (MM/DD/YYYY):
Submitted Electronically	03-11-2013

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)	$11,776	FRBA's average cost per new mile is calculated by dividing total capital costs for network construction (less certain equipment categories) by 1,201 total route miles in the project to arrive at an average cost per mile of $11,776.
Average cost per household passed (Last Mile)	0	FRBA is a middle-mile network only and does not provide any direct last-mile residential access. Last-mile providers will provide such services utilizing FRBA's middle-mile capacity for backhaul to reach markets within the service area.
Average cost per subscriber (Last Mile)	0	FRBA is a middle-mile network only and subscriber connections will only be made to community anchors throughout the region (as well as last-mile providers). Costs associated with such infrastructure are not included in this section.
Maximum broadband speed advertised (Middle Mile)	200Mbps	FRBA is a middle-mile network capable of providing wholesale capacity in increments of 200Mbps. Gigabit speeds are available on the FRBA network on an individual case basis.
Maximum broadband speed advertised (Last Mile)	200Mbps	FRBA is a middle-mile network but will provide last-mile services to community anchors. Anchors will be able to receive a maximum of 200Mbps, but additional capacity may be provisioned to increase that capacity to higher rates.
Average broadband speed provided (Middle Mile)	200Mbps	FRBA's middle-mile wholesale access will provide transport and commodity Internet services between speeds of 5Mbps and 200Mbps. We anticipate the average middle-mile transport circuit at 20Mbps, based on the requirements of CAIs in the region and last-mile providers. Last-mile providers will require larger transport circuits for backhaul into local service areas. In addition, last-mile providers will require direct type 2 services to reach customers in these areas.
Average broadband speed provided (Last Mile)	10Mbps	Broadband connections to CAIs will range between 5Mbps and 150Mbps, with the average in the region being 10Mbps. These connections will provide broadband services to community anchors requiring both Internet and transport services in FRBA's service area. Currently, many anchors utilize DSL, T1 or T1xN services and FRBA's services will provide a significant increase in capacity over legacy copper infrastructure.

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
FRL-009	Tower	Okeechobee	12093910101
FRL-016	Tower	Okeechobee	12093910101
FRL-016ILA	Fiber Interconnect Facility	Okeechobee	12093910101

<div style="text-align:center">Add Facility   Remove Facility</div>

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 not signed any interconnection agreements during the period in question. FRBA is actively identifying interconnection partners and will be establishing NNIs for wholesale and type 2 services in the region. These activities will coincide with completion and activation of the network to ensure that NNIs and interconnections can be made immediately, allowing the network to begin providing services as soon as it is commissioned. FRBA has begun this process early to ensure that we budget a 6-month window for negotiation of interconnection agreements, required network testing and certification and regulatory filings that may be required.

Peering and Transit Agreements (600 words or less)

FRBA currently maintains IRU capacity with Level3 for backhaul connectivity between the wireless middle-mile core network and its two data centers in Tallahassee, FL and Orlando, FL. As the network nears completion, FRBA will identify commodity Internet, peering and interconnection partners to be integrated into the network. FRBA seeks tier 1 IP providers to ensure the highest quality Internet services available to its network. FRBA will also identify value-based Internet providers that can provide diversity to FRBA's network, blended IP transit and maintain competitive overall costs for FRBA's IP transit.

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)	178	**Public Housing**	11
Libraries	28	**Other Institutions of Higher Education**	18
Medical and Healthcare Providers	70	**Other Community Support Organizations**	272
Public Safety Entities	97	**Other Government Facilities**	124
Community Colleges	6	**Total Community Anchor Institutions**	804

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 will provide significant increases in broadband speeds to community anchors throughout the region. Through our market research, we have found that many CAIs in the service area receive DSL, Cable and NxT1 local access services, in most cases limited to 6Mbps or less. FRBA's network will provide bandwidth from 5Mbps to 200Mbps to CAIs, utilizing both shared and dedicated products. On average, and through our outreach programs, we have recognized that many CAIs will upgrade existing services by 3-5 times the amount of bandwidth they currently receive. On average, a 6Mbp customer will double or triple their bandwidth on the FRBA network, for competitive rates using FRBA's redundant middle-mile infrastructure. In addition, CAIs will be able to interconnect their facilities utilizing FRBA's transport services, allowing them to provision site-to-site connectivity, previously only possible through high-cost, legacy private line circuits and unreliable Internet-based VPNs.

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 will offer retail services to CAIs throughout the region. These services include point-to-point/multi-point transport and Internet services to community anchors as identified in this APR and its attachments. FRBA has identified many CAIs in its region that require a combination of transport and Internet services. Transport services will provide site-to-site connectivity for many of the local government, public safety and healthcare customers in the region, enabling them to upgrade or replace their costly copper-based WAN services with higher speed wireless WAN services. FRBA will also participate in the E-Rate program for Schools and Libraries as administered by USAC and will be an eligible E-Rate provider for these organizations. For these critical education-based CAIs, FRBA's network will provide high-performance Internet and site-to-site transport interconnections between schools, libraries and related facilities, helping ensure students have access to critical online resources. Pricing for services is also included in the attached rate sheet for dedicated transport and Internet capacity (Please see FRBA Rate Sheet 1.0.pdf)

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)?
FRBA's 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. FRBA will offer at least two classes of services to its customers depending on their particular needs and budgetary constraints. FRBA will offer both dedicated and shared access to customers. Dedicated access will provide committed rate services for CAIs and last-mile providers that require guaranteed bandwidth. Shared services will provide best-effort services to customers that don't require stringent performance requirements, geared primarily for smaller CAIs, branch offices and small businesses. Pricing for shared services will be significantly lower than dedicated services as a result.

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).
The FRBA network is currently under construction and does not have any subscribers

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	1,216	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:

FRBA does not wholesale 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
300	300	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 and purchased colocation space in two Level3 data centers in Orlando, FL and Tallahassee, FL. Both data centers have neutral access to significant regional and national carriers, through which FRBA will develop interconnection agreements and NNIs. Data centers have available cage and cabinet space to provide colocation services to potential subtenants who require local presence for peering and interconnection. FRBA will maintain direct cross-connects to other carriers in these facilities.

Additionally, each of FRBA's tower sites is equipped with colocation facilities for last-mile providers, local exchange carriers and other entities. Interconnection for customers (last mile providers) will be accessed through switched IP/Ethernet multi-service access platforms located at each tower/wireless network site. These sites will enable local last-mile networks interconnect with FRBA's middle-mile backhaul to deliver new bandwidth to local service areas. In doing so, FRBA's network will offer a significant amount of points of interconnection into underserved service areas that lack adequate backhaul. Many regions maintain legacy T1 and DS3 backhaul and few offer bandwidth beyond those transport technologies. FRBA will deliver new wireless backhaul to these service areas as an upgrade to existing legacy copper backhaul networks.

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 subgrants to SDB firms.

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

No Comments at this time

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).