

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 NT10BIX5570026	3. DUNS Number 831415570
4. Recipient Organization Keystone Initiative For Network Based Education and Research 341 N. Science Park Road Suite 209, State College, PA 16803-2291		
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 Patricia Campbell Compliance Officer	7c. Telephone (area code, number and extension) 6104289180	7d. Email Address pcampbell@kinber.org
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 02-13-2013	

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)	\$75,833	Construction is still underway on the network, so this figure represents the total construction cost to date (approx. \$109M) divided by miles to date of 1437. This figure is slightly higher than expected due the construction not being complete.
Average cost per household passed (Last Mile)	n/a	This is a middle mile project, not last mile.
Average cost per subscriber (Last Mile)	n/a	This is a middle mile project, not last mile.
Maximum broadband speed advertised (Middle Mile)	10G	Speed is as described in baseline.
Maximum broadband speed advertised (Last Mile)	n/a	This is a middle mile project, not last mile.
Average broadband speed provided (Middle Mile)	1G	Speed is as described in baseline.
Average broadband speed provided (Last Mile)	n/a	This is a middle mile project, not last mile.

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
KINBER is not constructing facilities	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)

KINBER has entered into an interconnection agreement with Cogent, a commercial internet provider. We have not been approached by any other providers.

Peering and Transit Agreements (600 words or less)

n/a

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)	501	Public Housing	0
Libraries	155	Other Institutions of Higher Education	125
Medical and Healthcare Providers	250	Other Community Support Organizations	20
Public Safety Entities	630	Other Government Facilities	625
Community Colleges	14	Total Community Anchor Institutions	2,320

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).

To date, four CAIs have received improved broadband access. Their speed increases vary from 10X (100Mbps to 1,000Mbps to 200X (50Mbps to 10,000Mbps). With an average increase of 60X.

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:

Proposed FY2013 prices for on-net services to members :
 Dark Fiber \$700 per strand mile
 1G Ethernet Port \$1650
 10G Ethernet Port \$5,000
 100M Ethernet Port \$2,000
 1G Ethernet Point-to-point \$5,000
 10G Ethernet Point -to-point \$15,000
 10G Lambda point-to-point \$15,000
 Commodity Internet \$3 per Mbps

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)?

No policies are in place at this time other than acceptable use policies.
 KINBER has never blocked or limited a consumer from accessing content or service.

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).

0

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
77,424	2,874	34,488	31,614	352	4,224	3,872

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

KINBER is not a provider of wholesale fiber. KINBER has made 24 strands available to IRU.

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
0	0	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).
 KINBER does not own any facilities or co-location space. Instead, it has entered into agreements with the CAIs connected to the network.

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).
 We have found that strong partnerships and good communication have been the best tools to make this project a success. Keeping our program officer, local government, and the public updated on our project has been very helpful in dealing with any questions that have come up about what we are doing and how it can benefit the Commonwealth.
 Engaging the appropriate professionals (staff, legal counsel, auditors) and ensuring detailed documentation have also allowed us to be successful.

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).