

RECIPIENT NAME:Horizon Telecom, Inc.

AWARD NUMBER: NT10BIX5570119

DATE: 03/18/2015

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 6/30/2015

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 NT10BIX5570119 | 3. DUNS Number 933581456 |
| 4. Recipient Organization Horizon Telecom, Inc. 68 E Main Street, Chillicothe, OH 45601-2503 | | |
| 5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2014 | 6. Is this the last Annual Report of the Award Period? <input checked="" type="radio"/> Yes <input 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 William McKell | 7c. Telephone (area code, number and extension) X | |
| | 7d. Email Address Bill.mckell@horizontel.com | |
| 7b. Signature of Certifying Official Submitted Electronically | 7e. Date Report Submitted (MM/DD/YYYY): 03-18-2015 | |

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) | \$49,387 | 102% of baseline. This per mile rate does not include all make ready as some has not yet been performed. Horizon expects this expense to take approximately three additional years to complete. This amount will raise the average cost per mile by approximately \$5k to over \$54,000 per mile or 112% of budget. |
| 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) | 10 Gbps | n/a |
| Maximum broadband speed advertised (Last Mile) | 0 | n/a |
| Average broadband speed provided (Middle Mile) | 100 Mbps | Based on direct connections; subscribers have speeds ranging from 5 Mbps to 1 Gbps. |
| 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 |
|----------------------------|---------------|--------|---------------|
| see Excel Addendum | 0 | 0 | 0 |

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)

1. Avolve; Country Connection; Intelliwave; JB-Nets, LLC; New ERA Broadband; Rowe Wireless Networks; Smart Networks; Southern Ohio Communications Services (SOCS); Sprint; Verizon (4); Windstream.
 Horizon has five dark fiber agreements with the following: Windstream; Washington County Board of Commissioners; The Ohio Academic Resources Network (OARnet); Southern Ohio Medical Center; and Shawnee State University.
 Shawnee State University was signed in 2014. The rest were signed in prior years.
 There was one other WISP online who has since been disconnected for non-pay.

2. Horizon is not currently negotiating any interconnection agreements.

3. Horizon has not denied any requests for interconnection.

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) | 622 | Public Housing | 476 |
| Libraries | 166 | Other Institutions of Higher Education | 19 |
| Medical and Healthcare Providers | 353 | Other Community Support Organizations | 612 |
| Public Safety Entities | 407 | Other Government Facilities | 744 |
| Community Colleges | 25 | Total Community Anchor Institutions | 3,424 |

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).

Average Increase in broadband speed provided is 191 Mbps. Calculated by averaging speed prior to connection with Horizon (in most cases a T-1 or 1.5 Mbps, but ranging from 0 to 100 Mbps) which was 9 Mbps subtracted from average of current connection with Horizon (ranging from 5 Mbps to 1 Gbps) which was 200 Mbps for a total of 191 Mbps.

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:

Horizon is offering retail customers speed tiers of 5 Megabytes per second (Mbps) to 40 Gigabytes per second (Gbps). Pricing plan redacted. Pricing plans are a starting point for negotiations and are not written in stone.

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)?

7a. None
7b. No

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).

none

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 |
| 237,711 | 18,787 | 4,430 | 214,494 | 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:

Windstream - 250 miles; Washington County Board of Commissioners - 2 miles; OARnet - 875 miles; Southern Ohio Medical Center -

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36 miles; Shawnee State University - 0.63 miles

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 |
|---|---|------------------------------|---------------------------------|
| 5,040 | 5,040 | 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).

We have built to each provider's meet point, connecting at their physical location.

Going forward we have meet points at Columbus Scherer's Ct (40.11554, -83.00267), Horizon's Chillicothe POP (39.333201, -82.979905), Horizon's Portsmouth POP (38.733983, -82.996002) and Columbus Blue Mile (39.967655, -82.995404).

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).

KGP Logistics - 1 sub-contract

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

Two major issues we struggled with both related to tracking information on spreadsheets.

In one case there were multiple overlapping pieces of information being tracked on spreadsheets by multiple people and departments. In some cases there was only one or two differences in what was being tracked. This duplication of effort was not an efficient use of our time. We found a solution in Google Docs (for our purposes). This allowed multiple people to update the same document, but only if they were one of a select few. Then an even greater number of people could have access to view the data, but not make any changes in advertantly which protected the integrity. If someone needed to work with the data, they were able to download the information into excel to manipulate.

The second case dealt with tracking the Community Anchor Institutions (CAIs). They were also being tracked in spreadsheet form. Problem here was getting consistent counts of each type of CAI. Also they changed names and moved locations. Occassionally the spreadsheet file would become corrupt or the wrong version would be used for reporting. We finally put them in an access database which has live counts. From that point forward our counts were very consistent and gave us greater confidence in our reporting.

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).