## 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 | NT10BIX5570099 | 150664001 |

**4. Recipient Organization**

Bloomingdale Communications Inc 101 W Kalamazoo St., Bloomingdale, MI 49026-8793

| 5. Current Reporting Period End Date (MM/DD/YYYY) | 6. Is this the last Annual Report of the Award Period? |
|---|---|
| 12-31-2013 | ⦿ **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) |
|---|---|
| Robin  Epson | X |
|  | **7d. Email Address**<br><br>rempson@bloomingdalecom.net |

| 7b. Signature of Certifying Official | 7e. Date Report Submitted (MM/DD/YYYY): |
|---|---|
| Submitted Electronically | 01-22-2014 |

## 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)** | $48,900 | Bloomingdale Communications, Inc (BCI) has completed the project and average cost per mile based on the total budget is around $48,900 per new mile. |
| **Average cost per household passed (Last Mile)** | N/A | N/A |
| **Average cost per subscriber (Last Mile)** | N/A | N/A |
| **Maximum broadband speed advertised (Middle Mile)** | 100 Mbps | BCI currently advertises up to 100 Mbps. |
| **Maximum broadband speed advertised (Last Mile)** | N/A | N/A |
| **Average broadband speed provided (Middle Mile)** | 40 Mbps | Based on the 32 Community Anchor Institutions (CAIs) BCI currently provides service to utilizing the new network, the average speed subscribed to is 40 Mbps. |
| **Average broadband speed provided (Last Mile)** | N/A | 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 |
|---|---|---|---|
| Bloomingdale CO | Central Office | Van Buren | 101 |
| Paw Paw CO | Central Office | Van Buren | 118 |
| Decatur | Cabinet | Van Buren | 116 |
| Lawrence | Hut | Van Buren | 113 |
| Hartford | Cabinet | Van Buren | 114 |
| Covert | Cabinet | Van Buren | 106 |
| South Haven | Hut | Van Buren | 104 |
| Bangor | Cabinet | Van Buren | 120 |

| 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**) |
|---|
| N/A |

| 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)** | 13 | **Public Housing** | 0 |
| **Libraries** | 9 | **Other Institutions of Higher Education** | 0 |
| **Medical and Healthcare Providers** | 0 | **Other Community Support Organizations** | 0 |
| **Public Safety Entities** | 1 | **Other Government Facilities** | 10 |
| **Community Colleges** | 0 | **Total Community Anchor Institutions** | 33 |

**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).**

Using straight average calculation, the average increase in broadband speed provided to the 32 CAIs that are taking the new service from BCI is about 30 Mbps. The average of the 32 CAIs previous speed was around 10 Mbps, however the new average speed since connected to the new network and subscribing to BCI service the average speed is now around 40 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:**

N/A, BCI is not providing retail services by this project.

**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. Bloomingdale has an Acceptable Use Policy (AUP) on its website (http://www.bloomingdalecom.net/forms.php) regarding network management practices, performance and commercial terms of service sufficient for consumers to make an informed choice regarding their use of such services. Bloomingdale will not unjustly or unreasonably prevent or interfere with competition among content, applications, service, or device providers. Following is a non-exclusive list of policies included within Bloomingdale's AUP:

Bloomingdale uses generally accepted technical measures to provide acceptable service levels to all customers, such as application-neutral bandwidth allocation, as well as measures to address service attacks, illegal content and other harmful activities to protect network integrity and reliability.

Bloomingdale reserves the right to 1) immediately disconnect or modify Service if determined that use of Service is inconsistent with normal residential or business usage patterns or is in violation of the AUP; 2) protect its network from harm, which may impact legitimate data flows; 3) limit throughput or amount of data transferred, and to deny or discontinue service, without notice, to anyone it believes is using an unlimited data plan or feature in any manner prohibited by the AUP or whose usage adversely impacts network or service levels.

Bloomingdale is under no obligation to monitor customer's usage, bandwidth, transmissions and/or content of Service however may do so periodically to comply with any necessary laws, regulations or other governmental requests or operate Service properly or to protect itself, its network and its customers and subscribers.  During peak usage times, priority is given to applications such as browsing, email, streaming, instant messaging, gaming and VoIP.

Bloomingdale does not unreasonably discriminate in transmitting lawful network traffic over a consumer's broadband Internet access service, subject to reasonable network management practices.

7b. No, Bloomingdale does not unjustly or unreasonably block access to lawful content, applications, services or non-harmful devices, subject to reasonable network management.

**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, no BCI subscribers have dropped the new broadband service.

**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** |
| 14,172 | 974 | 0 | 13,198 | 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 |
|---|---|---|---|
| 480 | 392 | 0 | 88 |

**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).**

BCI connects to their customers network with an Overture Network Interface Device (NID) that resides at the customers location.  This NID has the ability to connect either with a fiber or copper connector.  The Overture NID connects back to the Cyan transport network via fiber.  They Cyan transport then carries the customer traffic to whatever end point is required by the customer.  If the customer is needing internet connectivity BCI has two ISP's that they connect with to provide that service.  The interconnection to the ISP's is located in the Bloomingdale central office.

**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).**
N/A

**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).**