

RECIPIENT NAME:ONECOMMUNITY

AWARD NUMBER: NT10BIX5570067

DATE: 04/23/2015

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 6/30/2015

### ANNUAL PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

#### General Information

<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b> Department of Commerce, National Telecommunications and Information Administration	<b>2. Award Identification Number</b> NT10BIX5570067	<b>3. DUNS Number</b> 179260901
<b>4. Recipient Organization</b>  ONECOMMUNITY 1375 Euclid Ave, STE 500, Cleveland, OH 44115-1808		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b> 12-31-2013	<b>6. Is this the last Annual Report of the Award Period?</b>  <input checked="" type="radio"/> Yes <input type="radio"/> No	
<b>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.</b>		
<b>7a. Typed or Printed Name and Title of Certifying Official</b>  Marlene Piatak	<b>7c. Telephone (area code, number and extension)</b>  X	
	<b>7d. Email Address</b>  mpiatak@onecommunity.org	
<b>7b. Signature of Certifying Official</b> Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b> 04-23-2015	

**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)	27604.75	Based on the total costs per ring segment, divided by total fiber miles deployed. Total costs include: engineering/"EA" costs, pole owner engineering and make ready costs, construction labor, and materials.
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	per baseline
Maximum broadband speed advertised (Last Mile)	0	n/a
Average broadband speed provided (Middle Mile)	313	calculated as the average of the speeds of all CAI's where new service was provided
Average broadband speed provided (Last Mile)	0	not applicable

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 addendum	see addendum	see addendum	see addendum

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)**

We had or now have relationships with the following wholesale/last mile providers:

- Global Crossing/Level 3 (existing/improved)
- North Coast Wireless (existing/improved)
- NetX Internet (new)
- Windstream KDL (existing/improved)
- Mango Bay Internet (new)
- Zito Media (existing/improved)
- ACC (new)
- Time Warner Cable (existing/improved)
- Agile Networks (new)
- Continental Broadband (existing/improved)
- Time Warner Telecom of Ohio (existing/improved)
- United Private Networks (new)
- Alltel Wireless (new)
- Cox Communications (new)
- Fidelity Access Networks (new)

**Peering and Transit Agreements (600 words or less)**

Prior to the grant OneCommunity had - and maintains - 2 peering agreements (with Level 3 and Global Crossings, but they have since merged).

Prior to the grant also OneCommunity had - and maintains - almost a dozen transit agreements with the major carriers and other parties in our northeast Ohio area.

In addition, as part of the grant OneCommunity is negotiating 3 transit agreements with our partners in the Ohio Middle Mile Consortium (OMMC), with ComNet and Horizon Telephone and OARnet Ohio's Advanced Research network for higher ed institutions.

**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)	1,402	Public Housing	0
Libraries	94	Other Institutions of Higher Education	14
Medical and Healthcare Providers	197	Other Community Support Organizations	29
Public Safety Entities	74	Other Government Facilities	36
Community Colleges	39	Total Community Anchor Institutions	1,885

**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 average speed for all currently connected CAI's is 313 mbps (calculated as the average speed of circuits provided to CAI's where fiber was built into the building). The average speed is estimated to be 2 to 4 times greater, on average, across all locations with new or improved service.

**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:**

Please see additional attachment for current MSA pricing on file with the State of Ohio.

**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)?**

QUESTION 7a. OneCommunity rates limit customer traffic per their contracted "committed information rate". On top of the CIR the customer has the ability to burst at 50% above their committed rate. An example of this is, a customer who has a contract at a CIR of 100Mbps the circuit would be provisioned for 150Mbps to allow them to burst. The exception to this rule is when TDM or SONET circuit are used to deliver last mile, for these levels circuits are delivered at DS-1, DS-3, OC-3, -OC-12, OC-48, and OC-192 speeds and cannot exceed the "committed information rate". OneCommunity uses MPLS traffic engineering to assure the customers always get the subscribed bandwidth.

Traffic prioritization is based on the type of traffic that is sent to the network. OneCommunity breaks priorities into 4 sub categories, real time, Transactional, Video, and Best Effort. For Real-time, OneCommunity supports DSCP Expedited forwarding for real time traffic such as Video or voice this method has priority on the OneCommunity network. Transactional video is the next tier of QoS using DSCP Assured Forwarding 21 (AD21) for traffic such as Time Sensitive Data, Mission Critical applications, Low Bandwidth applications, Bursty data like Telnet and web applications. The third tier of QoS is Video using DSCP Assured forwarding 41 (AF41) tags for traffic such as general video and business critical applications such as SAP, Siebel, and Citrix. The fourth tier of QoS is Best effort, this has the lowest priority and is meant for bulk applications and non-time critical applications like FTP and Database synchronization.

QUESTION 7b. OneCommunity has never limited or blocked customers from accessing any lawful content, service, service provider or application, or prevented any customers from attaching any legal device to the network.

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**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).**

Not applicable.

**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
160,994	31,118	1,902	127,974	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:**

- NOVA TELEPHONE - - 60 month term, 1Gigabit subscription (note this is a subscription)
- WINDSTREAM - 2 IRU agreements (1 @ 50 miles 4 fibers 20 years; 1 @41 miles for 4 fibers 20 years)
- ZITO MEDIA - IRU for 8 dark fibers, 15 miles, 20 years
- United Private Networks - 20 year IRU, 2 strands, 6 miles
- Cox Communications - dark fiber IRU (2 strands, 45 miles, 20 year term)

**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).**

OneCommunity leases space in established data centers, telco company central offices, and other collocation spaces. We interconnect to other carriers at these "hub site" locations following the prescribed procedures in each collocation facility. Please reference question #2's Addendum for a list of "hub sites". All sites are POPs with Internet gateways.

**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).**

None.

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

None 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.**

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**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).**