

RECIPIENT NAME:Clackamas, County of

AWARD NUMBER: NT10BIX5570079

DATE: 03/15/2012

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

## 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**

NT10BIX5570079

**3. DUNS Number**

096992656

**4. Recipient Organization**

Clackamas, County of 2051 Kaen Road, Oregon City, OR 97045-4088

**5. Current Reporting Period End Date (MM/DD/YYYY)**

12-31-2011

**6. Is this the last Annual Report of the Award Period?**

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**

David DeVore

Deputy Information Officer

**7c. Telephone (area code, number and extension)**

5037234996

**7d. Email Address**

DavidDev@co.clackamas.or

**7b. Signature of Certifying Official**

Submitted Electronically

**7e. Date Report Submitted (MM/DD/YYYY):**

03-15-2012

**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)	0	N/A. There were no Middle Miles in service as of 12/31/2011, as described in the January 2012 APR Reporting Guidance document.
Average cost per household passed (Last Mile)	0	N/A. The project will not directly serve any households or businesses.
Average cost per subscriber (Last Mile)	0	N/A. This was not reported in Baseline. This project only offers dark fiber so does not have subscribers.
Maximum broadband speed advertised (Middle Mile)	10 GBPS	Consistent with Baseline
Maximum broadband speed advertised (Last Mile)	10 GBPS	Consistent with Baseline
Average broadband speed provided (Middle Mile)	1 GBPS	Consistent with Baseline
Average broadband speed provided (Last Mile)	1 GBPS	Consistent with Baseline

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
County Development Services Building	Fiber Hub	Clackamas	022601
County North Station	Fiber Hub	Clackamas	022104

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) - No Agreement Completed  
 (2) - 9 Agreements with providers currently in negotiation under Non-Disclosure Agreements. 20+ Service Level Agreements under review with CAI sites for connection.  
 (3) - No requests have been denied.

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

(1) - No agreements have been completed.  
 (2) - 9 Agreements are in various levels of negotiation; whether they include peering arrangements or not has yet to be determined.  
 (3) - No requests have been denied.

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

**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).**

N/A - The project construction has concentrated on Middle Mile Backbone and pole make ready. Lateral connections will begin in Q1 of 2012. We anticipate benefits to both broadband speeds as well as reduced costs for those speed tiers. The project will track the historic connection speeds and costs to CAI sites for reporting purposes as they are connected to our project. Current pre-project options range from no connectivity, T1, DSL and some fiber connections, though speed is questionable because the fiber connections are typically shared among multiple CAI sites.

**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:**

This project is not providing any retail services - dark fiber only. Pricing for one pair of fibers is \$250 per month for governmental and Non-Profit anchor sites. Commercial rates are \$1,000 per month per pair of ring fiber.

**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)?**

A) - Network Management policies are on the project web site. However, the project has no services so there are policies related to services or network traffic.

B) - No, we have never blocked or limited users. The project only provides dark fiber so there are no services to block or limit.

**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. This project does not have 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
33,834	0	0	17,428	1,970	7,382	7,054

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

None. Wholesale customers are awaiting the rings to be finished before leasing.

**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

350	50	0	300
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**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).**

Clackamas County owns 2 interconnect facility locations (hubs). One is the Development Services Building (200 sq/ft) and the other is North Station (150 sq/ft). Both are now operational and available. There are two other primary facilities currently under development with providers. One is the Clackamas Educational Service District's data center (4,000 sq/ft) and the other is SandyNet's data center (160 sq/ft). In addition, the network is being designed for future likely interconnection points with providers. We are currently in negotiations with several local and regional providers which include collocation facilities, and the middle mile path was planned to be within one block of most central offices of local telecom providers.

**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 at this time

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

Not 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).**