

RECIPIENT NAME: Maine Fiber Company, Inc.

AWARD NUMBER: NT10BIX5570139

DATE: 03/08/2012

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 12/31/2013

## 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> NT10BIX5570139	<b>3. DUNS Number</b> 833111102
<b>4. Recipient Organization</b>  Maine Fiber Company, Inc. 245 Commercial St, Suite 203, Portland, ME 04101-4606		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b> 12-31-2011	<b>6. Is this the last Annual Report of the Award Period?</b>  <input type="radio"/> Yes <input checked="" 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>  Dwight L. Allison  Vice President, Maine Fiber Comapny, Inc.	<b>7c. Telephone (area code, number and extension)</b> 6038600605	
	<b>7d. Email Address</b> dallison@mainefiberco.com	
<b>7b. Signature of Certifying Official</b> Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b> 03-08-2012	

**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)	\$18,893	At the moment, this cost per new mile is less than the projected baseline cost. However, the current cost is based on make-ready and construction costs on segments with lower cost make-ready which allowed them to complete first. In addition, these segments also have lower-count fiber which is less expensive. We anticipate this cost per new mile to increase to the projected baseline number as we complete segments with heavier, more expensive make-ready and with higher-count, more expensive fiber.
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)	0	N/A (Dark fiber only)
Maximum broadband speed advertised (Last Mile)	N/A	N/A
Average broadband speed provided (Middle Mile)	0	N/A (Dark fiber only)
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
N/A	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)**

- We have six dark fiber lease agreements with various service providers to date. Each lease agreement varies in terms of overall mileage leased and number of interconnection points depending on service provider need.
- We have not denied service to any provider.
- We continue to negotiate additional dark fiber lease agreements.

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

- None (Dark fiber only)

**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)	34	Public Housing	0
Libraries	6	Other Institutions of Higher Education	10
Medical and Healthcare Providers	1	Other Community Support Organizations	0
Public Safety Entities	0	Other Government Facilities	41
Community Colleges	7	Total Community Anchor Institutions	99

**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).**

Dark fiber only, service providers do not disclose

**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:**

None, dark fiber on a wholesale basis

**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)?**

Dark fiber only, open access/non-discrimination policy posted on MFC website

**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

**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
171,028	0	353	83,267	0	18,000	69,408

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

We are leasing 353 miles to six customers with whom we have signed dark fiber leases.

**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
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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).**

Network providers may interconnect anywhere on the Three Ring Binder that is technically feasible. MFC is providing splice cases every 15, 000 feet and slack loops every 1, 500 to 2,500 feet to facilitate interconnection wherever possible.

**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).**

- Meeting with pole owners biweekly to prioritize make-ready and resolve issues. Provided make-ready prioritization and requested completion dates to the pole owners to coordinate the make-ready process.
- Post route map publicly to encourage service provider uptake.
- Weekly meetings with contractors and vendors to review the project's status and coordinated items.
- Worked closely with the fiber vendor to coordinate fiber production and delivery times with the project's schedule to limit the impact of fiber rationing imposed upon the project due to global fiber shortage.
- Utilized Google Earth KMZ maps to coordinate fine engineering among the subcontractors.

**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).**