

RECIPIENT NAME: Maine Fiber Company, Inc.

AWARD NUMBER: NT10BIX5570139

DATE: 12/03/2013

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> 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> 12-31-2013	<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>  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> 12-03-2013	

**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)	\$23,048	MFC achieved favorable results in releasing major RFPs early in the project, which resulted in better than anticipated pricing for sub-contract labor and materials. Rigorous oversight and good working relationships with pole owners helped to keep Make Ready costs reasonable. These along with other less material factors have resulted in better than anticipated 'cost per new mile', when compared to the baseline.
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)	N/A	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
Sherman Shelter	Regeneration Shelter	Aroostook	9527
Calais Shelter	Regeneration Shelter	Washington	9555
Machias Shelter	Regeneration Shelter	Washington	9562
Franklin Shelter	Regeneration Shelter	Hancock	9652
Belfast Shelter	Regeneration Shelter	Waldo	430
Damariscotta Shelter	Regeneration Shelter	Lincoln	9753
York Shelter	Regeneration Shelter	York	360.02

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) We have executed 3 new dark fiber lease agreements in calendar year 2013 (YTD), bringing our total to date to 19. All agreements are for the

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leasing of dark fiber, we do not offer any other service. Each lease agreement varies in terms of overall mileage leased and number of interconnection points being utilized depending on service provider need.  
 2) We are currently in various stages of negotiations with 5 additional entities. All agreements are for the leasing of dark fiber.  
 3) We have not denied service to any provider.

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

None - we only offer dark fiber.

**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)	39	Public Housing	0
Libraries	6	Other Institutions of Higher Education	10
Medical and Healthcare Providers	5	Other Community Support Organizations	5
Public Safety Entities	5	Other Government Facilities	20
Community Colleges	10	Total Community Anchor Institutions	100

**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).**

We only provide the dark fiber, service providers do not provide this information to us.

**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, we offer 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)?**

We do not offer any lit service so there are no restrictions on content, applications, etc. The dark fiber strands are offered on an open access/non-discriminatory basis, as advertised on the 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

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189,910	0	8,586	181,324	0	0	0
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**10. If you wholesale dark fiber, please list your wholesale customers and the number of fiber miles you currently are leasing to those customers:**  
Our 19 customers are currently utilizing 8,586 strand miles on our network.

Our current customers are GWI, Axiom Technologies, Pioneer Broadband, University of Maine System, Cornerstone, Town of Scarborough, OTT, Oxford, segTEL, Southern Maine Community College, Town of Greenwood, BayRing, TDS Telecom, Unity Telephone, Northeast Wireless, Bowdoin College and three unnamed parties (NAMES REDACTED DUE TO NDA).

**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
1,610	0	268	1,342

**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).**

Although MFC has collocation space available, the primary way customers of MFC interconnect with the network is aerially along the route using splice cans at existing butt splice or ring cut locations, or by utilizing a slack loop by turning it into a ring cut. Slack loops and/or splice locations exist around the network about every 2,500' or less. This aerial model represents most of the 225 interconnection points being used on the network. These points are made available on the MFC website in a Google Earth layer.

**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).**

- Google Earth is a highly effective, free, software package that allows detailed information, such as KMZ maps to incorporating fine engineering, to be conveyed in an effective way to subcontractors, as well as to distribute 'as built' information to customers.
- Plan to incorporate software to document and track 'asbuilt' network data. The ability to track each strand of fiber for each customer in addition to knowing what is available for lease where is a critical path item for operating success.
- Meet with pole owners biweekly to prioritize make-ready and resolve issues. Provide make-ready prioritization lists and request completion dates to the pole owners to help coordinate the make-ready process.
- Hold weekly, in person, meetings with contractors and vendors to review the project's status and work through any 'problem' items.
- Be detail oriented and set realistic, tangible, goals and hold team members, suppliers and contracts accountable for meeting the goals. Review goals and expectations often during regular and established get-togethers.

**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).**