

RECIPIENT NAME:Columbia, County of

AWARD NUMBER: NT10BIX5570037

DATE: 04/15/2013

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 NT10BIX5570037	3. DUNS Number 072471667
4. Recipient Organization Columbia, County of 630 Ronald Reagan DR, Evans, GA 30809-7603		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2013	6. Is this the last Annual Report of the Award Period? <input checked="" type="radio"/> Yes <input type="radio"/> 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 Lewis Foster IT Manager	7c. Telephone (area code, number and extension) 7063127325	
	7d. Email Address lfoster@columbiacountyga.gov	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 04-15-2013	

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)	55,193	Cost based on five awarded construction contracts.
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)	1Gig	No Change
Maximum broadband speed advertised (Last Mile)	0	N/A
Average broadband speed provided (Middle Mile)	500Mb	No change
Average broadband speed provided (Last Mile)	0	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
Eubank Blanchard Community Center	Other Government Facilities	Columbia	304.02
Eucler Creek Community Center	Other Government Facilities	Columbia	305.03
Savannah Rapids Pavillion	Other Government Facilities	Columbia	301.02
Liberty Park Community Center	Other Government Facilities	Columbia	305.06
Board of Education Admin Building	Schools (K-12)	Columbia	303.07
Board of Education Technology Department	Schools (K-12)	Columbia	304.02
Bel Air Elementary School	Schools (K-12)	Columbia	302.01
Blue Ridge Elementary School	Schools (K-12)	Columbia	301.05
Brookwood Elementary School	Schools (K-12)	Columbia	303.02
Cedar Ridge Elementary School	Schools (K-12)	Columbia	305.05
Eucler Creek Elementary School	Schools (K-12)	Columbia	305.03
Evans Elementary School	Schools (K-12)	Columbia	303.07

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Greenbrier Elementary School	Schools (K-12)	Columbia	303.08
Grovetown Elementary School	Schools (K-12)	Columbia	305.06
Lewiston Elementary School	Schools (K-12)	Columbia	303.06
Martinez Elementary School	Schools (K-12)	Columbia	302.03
North Columbia Elementary School	Schools (K-12)	Columbia	304.02
North Harlem Elementary School	Schools (K-12)	Columbia	305.04
River Ridge Elementary School	Schools (K-12)	Columbia	303.09
Riverside Elementary School	Schools (K-12)	Columbia	303.08
South Columbia Elementary School	Schools (K-12)	Columbia	306.03
Stevens Creek Elementary School	Schools (K-12)	Columbia	301.02
Westmont Elementary School	Schools (K-12)	Columbia	303.02
Columbia Middle School	Schools (K-12)	Columbia	304.02
Evans Middle School	Schools (K-12)	Columbia	303.07
Greenbrier Middle School	Schools (K-12)	Columbia	303.08
Grovetown Middle School	Schools (K-12)	Columbia	305.03
Harlem Middle School	Schools (K-12)	Columbia	305.04
Lakeside Middle School	Schools (K-12)	Columbia	301.05
Riverside Middle School	Schools (K-12)	Columbia	301.05
Stallings Island Middle School	Schools (K-12)	Columbia	301.02
Evans High School	Schools (K-12)	Columbia	303.07
Greenbrier High School	Schools (K-12)	Columbia	303.08
Grovetown High School	Schools (K-12)	Columbia	303.02
Harlem High School	Schools (K-12)	Columbia	305.04
Lakeside High School	Schools (K-12)	Columbia	301.05
CCBOE Alternative School	Schools (K-12)	Columbia	305.06
Baker Place Elementary School	Schools (K-12)	Columbia	303.02
Augusta Technical College Columbia County Campus	Other Institutions of Higher	Columbia	305.05
Martinez Columbia Fire/Rescue - Headquarters	Public Safety Entities	Columbia	306.03
Martinez Columbia Fire/Rescue - Station 2	Public Safety Entities	Columbia	303.07
Martinez Columbia Fire/Rescue - Station 3	Public Safety Entities	Columbia	301.03

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Martinez Columbia Fire/Rescue - Station 4	Public Safety Entities	Columbia	303.02
Martinez Columbia Fire/Rescue - Station 5	Public Safety Entities	Columbia	303.08
Martinez Columbia Fire/Rescue - Station 6	Public Safety Entities	Columbia	303.04
Martinez Columbia Fire/Rescue - Station 7	Public Safety Entities	Columbia	303.02
Martinez Columbia Fire/Rescue - Station 8	Public Safety Entities	Columbia	305.04
Martinez Columbia Fire/Rescue - Station 9	Public Safety Entities	Columbia	305.03
Martinez Columbia Fire/Rescue - Station 10	Public Safety Entities	Columbia	304.02
Martinez Columbia Fire/Rescue - Station 12	Public Safety Entities	Columbia	304.02
Martinez Columbia Fire/Rescue - Station 13	Public Safety Entities	Columbia	304.01
Martinez Columbia Fire/Rescue - Station 14	Public Safety Entities	Columbia	304.01
Martinez Columbia Fire/Rescue - Station 16	Public Safety Entities	Columbia	304.01
Evans Government Center Campus	Other Government Facilities	Columbia	303.09
Appling Government Campus	Other Government Facilities	Columbia	304.02
Range Road Campus	Other Government Facilities	Columbia	304.02
Columbia County Development Authority	Other Government Facilities	Columbia	303.09
Animal Care and Control	Other Government Facilities	Columbia	303.02
Grovetown City Hall	Other Government Facilities	Columbia	305.06
Grovetown Public Saftey	Public Safety Entities	Columbia	305.06
Grovetown Public Safety Annex	Public Safety Entities	Columbia	305.06
Grovetown Senior Center	Other Government Facilities	Columbia	305.06
Grovetown Maintenance	Other Government Facilities	Columbia	305.06
Grovetown Recreation	Other Government Facilities	Columbia	305.06
Grovetown Water Treatment Plant	Other Government Facilities	Columbia	305.06
Grovetown Public Safety GFD2	Public Safety Entities	Columbia	305.05
Harlem City Halll	Other Government Facilities	Columbia	305.04
Harlem Senior Center	Other Government Facilities	Columbia	305.04
Family Connections	Other Government Facilities	Columbia	305.04
Harlem Public Safety	Public Safety Entities	Columbia	305.04
Harlem Public Works	Other Government Facilities	Columbia	305.04
Harlem Waste Water Treatment Plant	Other Government Facilities	Columbia	305.04

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Harlem Fire Department (HFD2)	Public Safety Entities	Columbia	305.04
Columbia County Health Department	Medical and Healthcare Pro	Columbia	303.02
Harlem Library	Libraries	Columbia	305.03
Euclhee Creek Library	Libraries	Columbia	305.03
Columbia County Library	Libraries	Columbia	303.09
Patriots Park	Other Government Facilities	Columbia	303.04
Blanchard Park	Other Government Facilities	Columbia	303.02
Blanchard Woods Park	Other Government Facilities	Columbia	303.04
Evans Towns Center Park	Other Government Facilities	Columbia	303.09
Lonnie Morris Park	Other Government Facilities	Columbia	304.02
Memorial Gardens	Other Government Facilities	Columbia	303.09
Reed Creek Nature Park and Interpretive Center	Other Government Facilities	Columbia	301.06
Riverside Park	Other Government Facilities	Columbia	303.08
Wildwood Park	Other Government Facilities	Columbia	304.01
Gooddale Park	Other Government Facilities	Columbia	305.05
Sheriff's Office	Public Safety Entities	Columbia	304.02
Sheriff's Office Sub Station	Public Safety Entities	Columbia	303.09
Emergency Management Agency	Public Safety Entities	Columbia	303.09
Georgia State Patrol Office	Public Safety Entities	Columbia	303.02
Georgia State Forestry	Public Safety Entities	Columbia	305.03
Traffic Control System	Other Government Facilities	Columbia	303.09
Jim Blanchard Water Plant	Other Government Facilities	Columbia	301.02
Clarks Hill Water Plant	Other Government Facilities	Columbia	304.01
Crawford Creek Waste Water Plant	Other Government Facilities	Columbia	303.06
Reed Creek Waste Water Plant	Other Government Facilities	Columbia	301.02
Kiokee Creek Waste Water Plant	Other Government Facilities	Columbia	304.02
Little River Waste Plant	Other Government Facilities	Columbia	303.08
Water Utility Administrative Building	Other Government Facilities	Columbia	303.02

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)

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)	36	Public Housing	1
Libraries	3	Other Institutions of Higher Education	1
Medical and Healthcare Providers	4	Other Community Support Organizations	4
Public Safety Entities	35	Other Government Facilities	65
Community Colleges	1	Total Community Anchor Institutions	150

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).

CAI's Speeds	~	Upgraded Service	Avg Old Speed	Avg New Speed	Avg Increase Speed
<10Mb					
>=10Mb and <50Mb	12		.5Mb	10Mb	20 times 240
>=50Mb and <100Mb	6		1.5Mb	50Mb	33.33 times 200
>=100Mb and < 1Gb	7		5Mb ~	100Mb	20 times 140
>=1Gb	41		10Mb ~	1000Mb	100 times 4100
Total upgraded connections	66			70.909	4680/66 upgraded service

Upgraded 66 CAI's with and an average increase of 71 times faster 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:

Our plan is to connect CAIs and provide wholesale services. Rate plan attached.

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)?

Columbia County will manage the network in accordance with the FCC's Internet Policy Statement (FCC 05-151, adopted August 5, 2005) and in compliance with any future Internet policy changes by the FCC. Currently Columbia County does not discriminate or favor any lawful Internet applications, content, or services where lawfully used. Columbia County will promote our customer's ability to freely access and disseminate lawful content in a manner that respects others' use of the network and that complies with the law.

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Columbia County follows standard best efforts for Internet delivery with respect to allocation of capacity without differentiation among applications, providers, or sources. Columbia county 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.

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).

None at this time

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
42,294	4,838	0	37,456	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:

Columbia County Board of Commissioners approved a rate plan on January 15,2013. Columbia County is actively marketing the lease of fiber.

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
2,130	480	0	1,650

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 and/or customers can interconnect at any hand hole in our network build out.
New 450 square foot point of presence building in Evans.
Seven 240 square foot prefab concrete shelters at each tower location located in (Appling, Harlem, Grovetown, Evans, and Martinez).

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).

Due to rapid technology changes and warranty periods, recommend purchasing electronic equipment at the end of your project.

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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).