

**QUARTERLY 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>  NT10BIX5570037	<b>3. DUNS Number</b>  072471667
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**4. Recipient Organization**  
  
 Columbia, County of 630 Ronald Reagan DR, Evans, GA 30809-7603

<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  03-31-2011	<b>6. Is this the last Report of the Award Period?</b>  <input type="radio"/> Yes <input checked="" type="radio"/> No
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**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>7a. Typed or Printed Name and Title of Certifying Official</b>  Lewis Foster  IT Manager	<b>7c. Telephone (area code, number and extension)</b>  7063127325
	<b>7d. Email Address</b>  lfoster@columbiacountyga.gov

<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  05-17-2011
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**Project Indicators (This Quarter)**

**1. Please describe significant project accomplishments completed during this quarter (600 words or less).**

On Monday March 21, 2011, Columbia County released Bid# 2011-025: Installation of Fiber Optic Cable – Phase IV to the 25 qualified vendors approved by the Board of Commissioners. Phase IV is approximately 61 miles of cable and 56 miles of conduit with no inside plant construction. The bidder will supply all materials and labor for bid.

On Tuesday March 15, 2011, Columbia County awarded Bid# 2010-008: Installation of Fiber Optic Cable – Phase III to low bidder Utilipath, LLC from Mooresville, NC. The Phase III project is approximately 47 miles of fiber optic cable and 42.5 miles of conduit with no inside plant construction.

On Monday March 14, 2011, Columbia County released two bids for Library Computer Lab Equipment. The equipment will include 56 Virtual Desktop Systems including VMware View Manager Software, 35 Laptops and 2 IBM Blade Servers. Bids are due Thursday April 14, 2011.

On Thursday March 3, 2011, Columbia County received 7 bids for Bid# 2010-008: Fiber Installation Phase III. The bids ranged from \$1,882,034.77 - \$3,299,465.82.

On Tuesday February 22, 2011, a Pre-Bid Conference was held for Bid# 2010-008: Fiber Installation Phase III.

On Tuesday February 15, 2011, Columbia County awarded Bid# 2010-053: Installation of Communication Tower Facilities to low bidder Jacobs Project Management Company from Norcross, GA. The Bid is to construct five (5) communication tower facilities. These facilities will support public safety equipment as well as additional tenants/broadband service providers. The facilities include self-supporting 300 foot tower, tower, shelter and generator foundations, shelter, generator, fencing, cables and associated material and incidental items

On Tuesday February 15, 2011, Columbia County awarded Bid# 2010-056: Garrettcom Switches for our Intelligent Transportation System to Utilicom Supply Associates, LLC from Norcross GA.

Gibson Technical Service Inc started Phase II fiber construction on Monday February 14, 2011.

On Thursday January 27, 2011, Columbia County Procurement Department received 5 bids Bid# 2010-053: Installation of Communication Tower Facilities. The bids ranged from \$1,967,788.83 - \$3,248,297.00

On Monday January 24, 2011, Columbia County released Bid# 2011-008: Installation of Fiber Optic Cable – Phase III to the 25 qualified vendors approved by the Board of Commissioners. Phase III project is approximately 47 miles of cable and 43 miles of conduit with no inside plant construction. The bidder will supply all materials and labor for bid.

On Thursday January 20, 2011, Columbia County Procurement Department received 7 bids for Bid# 2010-056: Garrettcom Switches for our Intelligent Transportation System. The bids ranged from \$127,760.00 - \$152,000.00.

On Wednesday January 19, 2011 we had 7 firms attend the MANDATORY Pre-Bid Conference. Bid# 2010-053: Installation of Communication Tower Facilities

On Tuesday January 18, 2011, Columbia County awarded Bid# 2010-046: Installation of Fiber Optic Cable – Phase II to low bidder Gibson Technical Service Inc. from Canton, GA. The Phase II project is approximately 60 miles of cable and 55.5 miles of conduit with no inside plant construction. The contractor will supply all materials and labor for bid.

On Thursday January 6, 2011, Columbia County received 11 bids for Bid# 2010-046: Installation of Fiber Optic Cable – Phase II. The bids ranged from \$2,498,137.58 - \$3,835,250.57.

During this quarter, thirty-one (31) miles of conduit has been placed and ninety-seven (97) fiber route miles of staking and engineering has been completed during this quarter.

**2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).**

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	19	Environmental Assessment and permit process taking longer than anticipated
2b.	Environmental Assessment	100	Completed
2c.	Network Design	65	Environmental Assessment and permit process taking longer than anticipated
2d.	Rights of Way	75	Working with City of Harlem and Grovetown on rights of way issues.
2e.	Construction Permits and Other Approvals	75	Phase IV/V permits to be completed, still waiting on Railroad Permits from CSX.
2f.	Site Preparation	60	Environmental Assessment and permit process taking longer than anticipated
2g.	Equipment Procurement	20	Ordered Intelligence Traffic System equipment, the rest of equipment is dependant upon network design
2h.	Network Build (all components - owned, leased, IRU, etc)	15	Only conduit has been installed Environmental Assessment and permit process taking longer than anticipated
2i.	Equipment Deployment	0	Intelligence Traffic System equipment on order. Once our network design has been completed, we will issue RFP to procure network equipment to deploy. Our focus is on network build and once our construction has been completed, we will deploy equipment.
2j.	Network Testing	0	Only conduit has been installed. Network testing is dependant upon equipment deployment.
2k.	Other (please specify):	0	N/A

3. To the extent not covered above, please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

Working with City of Harlem and Grovetown on rights of way issues. Our County attorney is working with their city attorney to resolve the ROW issues.

4. Please report the following information regarding network build progress. Write "0" in the Total column and "N/A" in the Narrative column if your project does not include this activity. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	0	Only conduit has been installed
New network miles leased	0	Only conduit has been installed
Existing network miles upgraded	0	Only conduit has been installed
Existing network miles leased	0	Only conduit has been installed
Number of miles of new fiber (aerial or underground)	0	Only conduit has been installed
Number of new wireless links	0	N/A
Number of new towers	0	Columbia County awarded Bid# 2010-053: Installation of Communication Tower Facilities to low bidder Jacobs Project Management Company from Norcross, GA in February currently waiting on signed contract.
Number of new and/or upgraded interconnection points	0	Only conduit has been installed

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your sub

recipient, contractor or subcontractor is negotiating or entered into.

5a. If applicable, please provide the following information with regard to agreements with broadband wholesalers and/or last mile providers as a result of your project.

Indicators	
Number of signed agreements with broadband wholesalers or last mile providers	0
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	1
Average term of signed agreements (in quarters)	1

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:  
N/A

5c. What wholesale services are being provided by this project? Please describe below. As an attachment to this report, please provide pricing plans (in \$ per month) associated with each wholesale service provided by your product (100 words or less). Wholesale services description:  
N/A

5d. If you have designated a third party to operate all or a portion of your network, please provide the name and contact information for this third party, indicate if this entity is a sub recipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this this third party operates (600 words or less).  
N/A

6. Please provide the data according to the type of subscriber. Write "0" in the Total column and "N/A" in the Narrative column if your project does not pass or serve a particular subscriber type. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (300 words or less).

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Broadband Wholesalers or Last Mile Providers	Providers with signed agreements receiving new access	0	Only conduit has been installed. Our focus is on network build and once our construction has been completed, we will focus on subscribers.
	Providers with signed agreements receiving improved access	0	Only conduit has been installed. Our focus is on network build and once our construction has been completed, we will focus on subscribers.
	Providers with signed agreements receiving access to dark fiber	0	Only conduit has been installed. Our focus is on network build and once our construction has been completed, we will focus on subscribers.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Only conduit has been installed. Our focus is on network build and once our construction has been completed, we will focus on subscribers.
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	Only conduit has been installed. Our focus is on network build and once our construction has been completed, we will deploy equipment to connect Anchor Institutions.
	Subscribers receiving new access	0	Only conduit has been installed. Our focus is on network build and once our construction has been completed, we will focus on subscribers.
	Subscribers receiving improved access	0	Only conduit has been installed. Our focus is on network build and once our construction has been completed, we will focus on subscribers.
	Please identify the speed tiers that are available and the number or subscribers for each	0	Only conduit has been installed. Our focus is on network build and once our construction has been completed, we will focus on subscribers.
Residential / Households	Entities passed	0	N/A

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Businesses	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A

7. Please describe any special offerings you may provide (600 words or less).  
N/A

8a. Have your network management practices changed over the last quarter?  Yes  No

8b. If so, please describe the changes (300 words or less).  
N/A

9. Community Anchor Institutions:  
Using the table below, please provide a list by service area of the community anchor institutions (including Government institutions) connected to your network as a result of BTOP funds. Figures should be reported for the most recent reporting quarter only (NOT cumulatively). Also indicate whether your organization is currently providing broadband service to the anchor institution. Finally, provide a short narrative description with examples of how institutions are using BTOP-funded infrastructure (300 words or less).

Institution Name	Service Area (town or county)	Type of Anchor Institution (as defined in your baseline)	Are you also the broadband service provider for this institution? (Yes / No)	Narrative description of how anchor institutions are using BTOP-funded infrastructure
N/A	N/A	N/A	N/A	Only conduit has been installed

**Project Indicators (Next Quarter)**

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).  
 Obtain required permits (US Army Corps of Engineers, Georgia DOT, and Georgia EPD NPDES) for phase four and five fiber construction.  
 Advertise, receive, review, and award Phase IV and V Fiber Construction bids by June 30, 2011.  
 Start phase III fiber construction approximately 47 miles by April 18, 2011.  
 Start phase IV fiber construction approximately 61 miles by June 30, 2011.  
 Start Installation of Communication Tower Facilities by April 30, 2011.  
 Survey anchor tenant sites to determine entry points at each facility.  
 Advertise construction bid for anchor tenant entry point by June 30, 2011.  
 Release electronics request for proposal (RFP) to network equipment firms by June 30, 2011.  
 Start refining service offering scope to sustain network.  
 Building strategic alliances and expanding marketing plan to include branding and expansion of web site.

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Planned Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan,

**please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the next reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).**

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	Overall Project	40	Environmental Assessment and permit process taking longer than anticipated
2b.	Environmental Assessment	100	Completed
2c.	Network Design	75	Environmental Assessment and permit process taking longer than anticipated
2d.	Rights of Way	100	Working with City of Harlem and Grovetown on rights of way issues.
2e.	Construction Permits and Other Approvals	100	On Target
2f.	Site Preparation	100	On Target
2g.	Equipment Procurement	35	Dependant upon network design to be completed
2h.	Network Build (all components - owned, leased, IRU, etc.)	20	Environmental Assessment and permit process taking longer than anticipated
2i.	Equipment Deployment	0	Dependant upon network design to be completed.
2j.	Network Testing	0	Dependant upon network design to be completed.
2k.	Other (please specify):	0	N/A

**3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).**

Working with City of Harlem and Grovetown to obtain rights of way easement to install fiber cable in the cities.

**Infrastructure Budget Execution Details**

**Activity Based Expenditures (Infrastructure)**

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Budget for Entire Project				Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
Cost Classification	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Administrative and legal expenses	\$732,102	\$328,902	\$403,200	\$417,434	\$137,049	\$280,385	\$450,000	\$150,000	\$300,000
b. Land, structures, right-of-ways, appraisals, etc.	\$1,314,425	\$72,500	\$1,241,925	\$81,988	\$81,988	\$0	\$881,988	\$81,988	\$800,000
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$1,288,686	\$0	\$1,288,686	\$740,049	\$0	\$740,049	\$900,000	\$0	\$900,000
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$688,739	\$0	\$688,739	\$92,884	\$0	\$92,884	\$300,000	\$0	\$300,000
g. Site work	\$480,975	\$0	\$480,975	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$10,424,137	\$2,340,987	\$8,083,150	\$614,835	\$0	\$614,835	\$3,000,000	\$300,000	\$2,700,000
j. Equipment	\$2,923,304	\$1,634,147	\$1,289,157	\$1,463,787	\$1,463,787	\$0	\$1,543,787	\$1,478,787	\$65,000
k. Miscellaneous	\$149,763	\$142,591	\$7,172	\$0	\$0	\$0	\$0	\$0	\$0
<b>l. SUBTOTAL (add a through k)</b>	\$18,002,131	\$4,519,127	\$13,483,004	\$3,410,977	\$1,682,824	\$1,728,153	\$7,075,775	\$2,010,775	\$5,065,000
m. Contingencies									
<b>n. TOTALS (sum of l and m)</b>	\$18,002,131	\$4,519,127	\$13,483,004	\$3,410,977	\$1,682,824	\$1,728,153	\$7,075,775	\$2,010,775	\$5,065,000

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: \$1,849,500	b. Program Income to Date: \$0
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