

**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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<b>4. Recipient Organization</b>  Columbia, County of 630 Ronald Reagan DR, Evans, GA 30809-7603
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<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  06-30-2011	<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>  08-02-2011
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**Project Indicators (This Quarter)**

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

On Monday April 11, 2011, Jacobs Project Management started construction of the five (5) communication tower facilities. These facilities will support public safety equipment as well as additional tenants/broadband service providers.

On Monday April 18, 2011, Utilipath, LLC started Phase III fiber construction.

On Thursday April 21, 2011, Columbia County received 9 bids for Bid# 2011-025: Installation of Fiber Optic cable – Phase IV. World Fiber Technologies, Inc. from Alpharetta GA was low bidder. Bids ranged from \$1,715,170.94 - \$3,475,582.27. Phase IV is approximately 61 miles of cable and 56 miles of conduit with no inside plant construction.

On Monday May 2, 2011, Columbia County released Bid# 2011-030: Installation of Fiber Optic Cable – Phase V to the 25 qualified vendors approved by the Board of Commissioners. Phase V is approximately 42 miles of cable and 42 miles of conduit with no inside plant construction. The bidder will supply all materials and labor for bid.

On Thursday June 2, 2011, Columbia County Procurement Department received 8 bids for Bid# 2011-030: Installation of Fiber Optic cable – Phase V. Gibson Technical Services, Inc. from Canton GA was low bidder because Utilipath, LLC didn't include units added to addendum #2 dated May 23, 2011 Bids ranged from \$1,558,052.38 - \$2,741,850.87.

On Tuesday June 21, 2011, Columbia County awarded Bid# 2011-030: Installation of Fiber Optic cable – Phase V to Gibson Technical Services, Inc.

On Monday June 27, 2011, World Fiber Technologies, Inc. started Phase IV fiber construction.

During this quarter, forty-seven and half (47.5) miles of conduit, twenty-five (25) miles of fiber has been placed and all anchor tenants building entrances has been designed during this quarter.

Since launch of project web site, 184 individuals have registered to receive project updates.

Created YouTube Channel CCCBroadbandUtility <http://www.youtube.com/CCCBroadbandUtility>  
 583 followers on cccbu Twitter account  
 32 fans on Facebook page Columbia County Community Broadband Utility  
 Provided project overview to Library personnel and deployed a project display at our main library campus.  
 Created information article educating county residents about utility locate procedures in the Right-of-Way and included it in our water bill insert. Estimated exposure is 44,000 homes and business.  
 Held several meetings with local service providers and discussed opportunities to serve the un-served and underserved areas of Columbia County.

**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)
2a.	Overall Project	34	Environmental, permits, ROW issues, and fiber shipment delays have impacted project schedule.
2b.	Environmental Assessment	100	Completed
2c.	Network Design	85	Permit and Environmental process taking longer than anticipated
2d.	Rights of Way	90	Working with cities on ROW issues
2e.	Construction Permits and Other Approvals	90	Working with CSX on Railroad permits.
2f.	Site Preparation	75	CSX Permits and ROW delays inside cities
2g.	Equipment Procurement	5	Received traffic switches and should start deploying equipment in third quarter 2011. Currently working on Electronics RFP to be issued third quarter 2011.
2h.	Network Build (all components - owned, leased, IRU, etc)	18	Railroad permits and ROW issues inside cities taking longer than anticipated. Delay in fiber shipments has impacted schedule.

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2i.	Equipment Deployment	0	Issuing electronics RFP to be issued third quarter 2011. Our current focus is to build out fiber infrastructure before deploying equipment.
2j.	Network Testing	0	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 right of way issues inside the cities and should have these issues resolved by end of third quarter.

Our County Attorney is work with CSX Transportation on encroachment agreements for the eight rail road crossings. CSX Transportation is requesting a one-time license fee of \$12,000 per crossing. This license fees wasn't included in our project budget.

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	25	Environmental Assessment, Permits, ROW issues, and fiber shipment delays have impacted project schedule.
New network miles leased	0	N/A
Existing network miles upgraded	0	N/A
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	25	Environmental Assessment, Permits, ROW issues, and fiber shipment delays have impacted project schedule.
Number of new wireless links	0	N/A
Number of new towers	0	Construction started April 11, 2011
Number of new and/or upgraded interconnection points	0	Environmental Assessment, Permits, ROW issues, and fiber shipment delays have impacted project schedule.

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)	0

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers: None at this time.

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:

Pricing structure under development

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).  
 Issuing Request for Proposal for Network Operations services next quarter.

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	Our focus is on network build and once completed, we will focus on subscribers.
	Providers with signed agreements receiving improved access	0	Our focus is on network build and once completed, we will focus on subscribers.
	Providers with signed agreements receiving access to dark fiber	0	Our focus is on network build and once completed, we will focus on subscribers.
Community Anchor Institutions (including Government institutions)	Please identify the speed tiers that are available and the number of subscribers for each	0	Our focus is on network build and once completed, we will focus on subscribers.
	Total subscribers served	0	Our focus is on network build and once completed, we will focus on subscribers.
	Subscribers receiving new access	0	Our focus is on network build and once completed, we will focus on subscribers.
	Subscribers receiving improved access	0	Our focus is on network build and once completed, we will focus on subscribers.
Residential / Households	Please identify the speed tiers that are available and the number of subscribers for each	0	Our focus is on network build and once completed, we will focus on subscribers.
	Entities passed	0	Our focus is on network build and once completed, we will focus on subscribers.
	Total subscribers served	0	Our focus is on network build and once completed, we will focus on subscribers.
	Subscribers receiving new access	0	Our focus is on network build and once completed, we will focus on subscribers.
	Subscribers receiving improved access	0	Our focus is on network build and once completed, we will focus on subscribers.
Businesses	Please identify the speed tiers that are available and the number of subscribers for each	0	Our focus is on network build and once completed, we will focus on subscribers.
	Entities passed	0	Our focus is on network build and once completed, we will focus on subscribers.
	Total subscribers served	0	Our focus is on network build and once completed, we will focus on subscribers.
	Subscribers receiving new access	0	Our focus is on network build and once completed, we will focus on subscribers.
	Subscribers receiving improved access	0	Our focus is on network build and once completed, we will focus on subscribers.

**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	Network still under construction.

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**  
Obtain CSX Railroad Permits and resolve ROW issues inside cities by September 30, 2011.  
Obtain required permits for Phase V and Phase VI fiber optical cable construction by September 30, 2011.  
Finalized United States Army Corps of Engineering Easement.  
Start Phase V fiber construction by July 25, 2011.  
Award Phase VI fiber construction contract by August 16, 2011.  
Award Network Operation Services and Fiber Restoration and Maintenance contract by September 30, 2011.  
Release electronics request for proposal by September 1, 2011.

**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	50	Environmental, permits, ROW issues, and fiber shipment delays have impacted project schedule.
2b.	Environmental Assessment	100	Completed
2c.	Network Design	95	Dependant upon Electronics selected for network
2d.	Rights of Way	100	Our County Attorney is drafting Permanent Easements with the property owners inside the city limits. Once the easements have been completed, our ROW acquisition staff will meet with each property owner to execute the easement. We have identified approximately 25 easements needed in side the cities.
2e.	Construction Permits and Other Approvals	100	Working with cities and CSX Transportation on permits and approvals. Our County Attorney is currently reviewing Facility Encroachment Agreements with CSX. We should have all DOT permits and CSX Encroachment Agreements approved by September 30, 2011. We are currently installing broadband infrastructure where we have permits and approvals and these delays should not impact our overall schedule.
2f.	Site Preparation	100	Working with cities and CSX Transportation on permits and approvals to start construction inside the city limits and railroad crossing construction. We are currently installing broadband infrastructure where we have permits and approvals and these delays should not impact our overall schedule.
2g.	Equipment Procurement	53	Issuing electronics RFP by September 1, 2011. Most of expenses are from Columbia County Board of Education in-kind equipment purchased.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2h.	Network Build (all components - owned, leased, IRU, etc.)	45	Environmental, permits, ROW issues, and fiber shipment delays have impacted project schedule.
2i.	Equipment Deployment	2	Issuing electronics RFP by September 1, 2011.
2j.	Network Testing	0	Dependant upon electronics purchase
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 on right of way issues inside the cities and should have these issues resolved by end of third quarter.

Our County Attorney is work with CSX Transportation on encroachment agreements for the eight rail road crossings. CSX Transportation is requesting a one-time license fee of \$12,000 per crossing. This license fees wasn't included in our project budget. We are hoping for some savings in other areas of the project or may have to adjust project scope to off set the one-time license fees. Delays in fiber shipments may cause a delay in project schedule.

**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	\$500,000	\$150,000	\$350,000
b. Land, structures, right-of-ways, appraisals, etc.	\$1,314,425	\$72,500	\$1,241,925	\$100,777	\$81,988	\$18,789	\$1,200,000	\$81,988	\$1,281,988
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	\$855,281	\$0	\$855,281	\$950,000	\$0	\$950,000
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$688,739	\$0	\$688,739	\$211,028	\$0	\$211,028	\$350,000	\$0	\$350,000
g. Site work	\$480,975	\$0	\$480,975	\$0	\$0	\$0	\$200,000	\$0	\$200,000
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$10,424,137	\$2,340,987	\$8,083,150	\$3,136,704	\$0	\$3,136,704	\$7,000,000	\$700,000	\$6,300,000
j. Equipment	\$2,923,304	\$1,634,147	\$1,289,157	\$1,555,868	\$1,463,787	\$92,081	\$1,555,868	\$1,463,787	\$92,081
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	\$6,277,092	\$1,682,824	\$4,594,268	\$11,755,868	\$2,395,775	\$9,524,069
m. Contingencies									
<b>n. TOTALS (sum of l and m)</b>	\$18,002,131	\$4,519,127	\$13,483,004	\$6,277,092	\$1,682,824	\$4,594,268	\$11,755,868	\$2,395,775	\$9,524,069

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