

RECIPIENT NAME:Charlotte, City of  
AWARD NUMBER: NT10BIX5570088  
DATE: 02/04/2013

OMB CONTROL NUMBER: 0660-0037  
EXPIRATION DATE: 12/31/2013

### 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>  NT10BIX5570088	<b>3. DUNS Number</b>  071064166
<b>4. Recipient Organization</b>  Charlotte, City of 600 East Fourth Street , Charlotte, NC 28202-2816		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  12-31-2012	<b>6. Is this the last 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>  Rob Nix	<b>7c. Telephone (area code, number and extension)</b>  7043362917	
	<b>7d. Email Address</b>  rpnix@ci.charlotte.nc.us	
<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  02-04-2013	

**Project Indicators (This Quarter)**

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

The City of Charlotte's Broadband Technology Opportunities Program (BTOP) grant remained under suspension throughout the fourth quarter of 2012. The suspension requires that no Long Term Evolution (LTE) related activities or funding continue until the newly established FirstNet Board authorizes. As a result, the following is a list of non-deployment activities accomplished while under suspension:

Performed financial cost analysis and business modeling as it relates to:

- Project suspension
- Project restart or "go forward"
- Procurement options for end user devices
- Operational expenses (OPEX)
- User subscriptions

Maintain partnerships with current contracted vendors and N.C. State Representatives to:

- Minimize project risks during suspension
- Identify changes to scope of work in "go forward" approaches
- Solidify and continue to preserve the project's network design
- Identify funding gap resolutions as it relates to project extensions and changes to requirements
- Strengthen relationships with N.C. State CIO and other offices.

Presentation to members of the new FirstNet Board and the National Telecommunications and Information Administration (NTIA).

Topics included:

- Project Overview
- Technical Aspects of Project
- Lessons Learned
- Path Forward

**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	22	Project under suspension
2b.	Environmental Assessment	95	Project under suspension
2c.	Network Design	100	No Variance
2d.	Rights of Way	43	Active tower leases signed before suspension
2e.	Construction Permits and Other Approvals	4	Project under suspension
2f.	Site Preparation	0	No Variance
2g.	Equipment Procurement	13	Project under suspension
2h.	Network Build (all components - owned, leased, IRU, etc)	0	Project under suspension
2i.	Equipment Deployment	0	Project under suspension
2j.	Network Testing	0	Project under suspension
2k.	Other (please specify): a. Admin & Legal	100	More staff time on re-issued RFP and redefining Project.

**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).**

None.

--

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	Project under suspension
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)	0	N/A
Number of new wireless links	0	Project under suspension
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	0	No Variance

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	0
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:  
 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)

--

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	N/A
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	Project under suspension
	Subscribers receiving new access	0	Project under suspension
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number or subscribers for each	0	Network not yet operational.
Residential / Households	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
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	N/A

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**  
 The anticipation of a "go forward" plan and agreements that will support both the project/award and funding requirements.

**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	23	Project under suspension
2b.	Environmental Assessment	95	Project under suspension
2c.	Network Design	100	No Variance
2d.	Rights of Way	48	Active tower leases signed before suspension
2e.	Construction Permits and Other Approvals	4	Project under suspension
2f.	Site Preparation	0	No Variance
2g.	Equipment Procurement	13	Project under suspension
2h.	Network Build (all components - owned, leased, IRU, etc.)	0	Project under suspension
2i.	Equipment Deployment	0	Project under suspension
2j.	Network Testing	0	Project under suspension
2k.	Other (please specify): a. Admin & Legal	100	More staff time on re-issued RFP and redefining Project.

**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).**  
 Guidance toward removing suspension and funding suspension cost.

**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	\$1,284,094	\$469,600	\$814,494	\$909,312	\$501,480	\$407,832	\$979,000	\$536,000	\$443,000
b. Land, structures, right-of-ways, appraisals, etc.	\$2,123,797	\$520,159	\$1,603,638	\$921,527	\$318,953	\$602,574	\$1,020,953	\$318,953	\$702,000
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$859,911	\$0	\$859,911	\$460,945	\$0	\$460,945	\$460,945	\$0	\$460,945
e. Other architectural and engineering fees	\$920,857	\$0	\$920,857	\$828,114	\$0	\$828,114	\$828,114	\$0	\$828,114
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$5,990,044	\$0	\$5,990,044	\$380,696	\$0	\$380,696	\$380,696	\$0	\$380,696
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
j. Equipment	\$9,576,630	\$3,400,195	\$6,176,435	\$1,271,095	\$0	\$1,271,095	\$1,271,095	\$0	\$1,271,095
k. Miscellaneous	\$337,110	\$0	\$337,110	\$0	\$0	\$0	\$0	\$0	\$0
<b>l. SUBTOTAL (add a through k)</b>	<b>\$21,092,443</b>	<b>\$4,389,954</b>	<b>\$16,702,489</b>	<b>\$4,771,689</b>	<b>\$820,433</b>	<b>\$3,951,256</b>	<b>\$4,940,803</b>	<b>\$854,953</b>	<b>\$4,085,850</b>
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>n. TOTALS (sum of l and m)</b>	<b>\$21,092,443</b>	<b>\$4,389,954</b>	<b>\$16,702,489</b>	<b>\$4,771,689</b>	<b>\$820,433</b>	<b>\$3,951,256</b>	<b>\$4,940,803</b>	<b>\$854,953</b>	<b>\$4,085,850</b>

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: \$0	b. Program Income to Date: \$0
---	--------------------------------