

QUARTERLY 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 NT10BIX5570095	3. DUNS Number 176553068
4. Recipient Organization JKM Consulting, Inc. 100 Firethorn Lane, Munford, AL 36268-5504		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2012	6. Is this the last Report of the Award Period? <input type="radio"/> Yes <input checked="" 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 Steven Moses	7c. Telephone (area code, number and extension) X	7d. Email Address smoses@jkmconsultinginc.com
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 02-26-2013	

Project Indicators (This Quarter)																																							
<p>1. Please describe significant project accomplishments completed during this quarter (600 words or less).</p> <p>During this quarter, fiber construction entered into the final miles. Lateral builds continued into Community Anchor Institutions and towers for wireless broadband (last mile). Installation on wireless equipment commenced this quarter, along with additional testing for TVWS (TV Whitespace) technology. For Community Outreach, we installed a portal on our website for pre-registration and received over 50 registrations right away, ending the month near 100 for one census area. Discussions continue with TEC Communications for providing last miles services as a wholesale customer. This quarter ended with another last mile provider agreement with CenturyLink.</p>																																							
<p>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).</p> <table border="1"> <thead> <tr> <th>Milestone</th> <th>Percent Complete</th> <th>Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)</th> </tr> </thead> <tbody> <tr> <td>2a. Overall Project</td> <td>92</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>2b. Environmental Assessment</td> <td>100</td> <td>N/A</td> </tr> <tr> <td>2c. Network Design</td> <td>99</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>2d. Rights of Way</td> <td>99</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>2e. Construction Permits and Other Approvals</td> <td>98</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>2f. Site Preparation</td> <td>0</td> <td>N/A</td> </tr> <tr> <td>2g. Equipment Procurement</td> <td>65</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>2h. Network Build (all components - owned, leased, IRU, etc)</td> <td>80</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>2i. Equipment Deployment</td> <td>50</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>2j. Network Testing</td> <td>50</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>2k. Other (please specify):</td> <td>0</td> <td>N/A</td> </tr> </tbody> </table>				Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)	2a. Overall Project	92	On track with PIP filed in first quarter	2b. Environmental Assessment	100	N/A	2c. Network Design	99	On track with PIP filed in first quarter	2d. Rights of Way	99	On track with PIP filed in first quarter	2e. Construction Permits and Other Approvals	98	On track with PIP filed in first quarter	2f. Site Preparation	0	N/A	2g. Equipment Procurement	65	On track with PIP filed in first quarter	2h. Network Build (all components - owned, leased, IRU, etc)	80	On track with PIP filed in first quarter	2i. Equipment Deployment	50	On track with PIP filed in first quarter	2j. Network Testing	50	On track with PIP filed in first quarter	2k. Other (please specify):	0	N/A
Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)																																					
2a. Overall Project	92	On track with PIP filed in first quarter																																					
2b. Environmental Assessment	100	N/A																																					
2c. Network Design	99	On track with PIP filed in first quarter																																					
2d. Rights of Way	99	On track with PIP filed in first quarter																																					
2e. Construction Permits and Other Approvals	98	On track with PIP filed in first quarter																																					
2f. Site Preparation	0	N/A																																					
2g. Equipment Procurement	65	On track with PIP filed in first quarter																																					
2h. Network Build (all components - owned, leased, IRU, etc)	80	On track with PIP filed in first quarter																																					
2i. Equipment Deployment	50	On track with PIP filed in first quarter																																					
2j. Network Testing	50	On track with PIP filed in first quarter																																					
2k. Other (please specify):	0	N/A																																					
<p>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).</p> <p>An ongoing challenge for us during this quarter relates to a lake crossing. We made several attempts with CenturyLink to gain access to their bridge conduit to cross the lake. A conduit agreement is in place, however our attempts are unsuccessful because CenturyLink feels the conduit is not accessible. Several attempts were made to reflect the available space in the conduit, to no avail.</p>																																							
<p>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).</p> <table border="1"> <thead> <tr> <th>Indicator</th> <th>Total</th> <th>Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)</th> </tr> </thead> <tbody> <tr> <td>New network miles deployed</td> <td>105</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>New network miles leased</td> <td>26</td> <td>On track with PIP filed in first quarter</td> </tr> <tr> <td>Existing network miles upgraded</td> <td>0</td> <td>N/A</td> </tr> <tr> <td>Existing network miles leased</td> <td>0</td> <td>N/A</td> </tr> <tr> <td>Number of miles of new fiber (aerial or underground)</td> <td>105</td> <td>N/A</td> </tr> <tr> <td>Number of new wireless links</td> <td>0</td> <td>N/A</td> </tr> <tr> <td>Number of new towers</td> <td>0</td> <td>N/A</td> </tr> </tbody> </table>				Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)	New network miles deployed	105	On track with PIP filed in first quarter	New network miles leased	26	On track with PIP filed in first quarter	Existing network miles upgraded	0	N/A	Existing network miles leased	0	N/A	Number of miles of new fiber (aerial or underground)	105	N/A	Number of new wireless links	0	N/A	Number of new towers	0	N/A												
Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)																																					
New network miles deployed	105	On track with PIP filed in first quarter																																					
New network miles leased	26	On track with PIP filed in first quarter																																					
Existing network miles upgraded	0	N/A																																					
Existing network miles leased	0	N/A																																					
Number of miles of new fiber (aerial or underground)	105	N/A																																					
Number of new wireless links	0	N/A																																					
Number of new towers	0	N/A																																					

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Number of new and/or upgraded interconnection points	5	On track with PIP filed in first quarter

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	4
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	2
Average term of signed agreements (in quarters)	20

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (**100 words or less**). Providers:
 Earthlink Interconnection Agreement completed on March 27, 2012.
 Slaphey Telephone agreement completed May 2, 2012.
 AT&T interconnection agreement completed May 24, 2012.
 CenturyLink Interconnection Agreement completed December 6, 2012

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:

Wholesales services: 1). Dark Fiber IRU are individual case basis. 2) Dark fiber lease: \$250 per month plus \$50 per fiber per route mile per month with term and volume discounts to be negotiated. 3). 100 mbs ethernet \$550 per month per connection for three year contract on net. 4) GigE \$1500 per month per connection, three year contract on net

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	4	N/A
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	4	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	4	10/100/1000
Community Anchor Institutions (including Government institutions)	Total subscribers served	20	On track with PIP filed in first quarter
	Subscribers receiving new access	8	On track with PIP filed in first quarter

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Subscribers receiving improved access	12	On track with PIP filed in first quarter
	Please identify the speed tiers that are available and the number of subscribers for each	15	100 MPS (15) 1000 MPS(0)
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	160	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	10/100/1000 mps

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
Northeast AL Regional Medical Center	Anniston, AL	healthcare	yes	high speed internet access, point to point secure data connections to out lying clinics for digital medical records and other support.
Southern Union Community College	Wadley, AL	education	no	
Ashland Public Library	Ashland, AL	library	no	
Clay County Hospital	Ashland, AL	healthcare	no	

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
Central Alabama Community College	Talladega, AL	education	no	-
Clay County EMA	Lineville, AL	public safety	no	

Project Indicators (Next Quarter)**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**

Anticipated accomplishments for next quarter include: completion of the fiber backbone (final 3 miles of backbone construction) and fiber laterals to Community Anchor Institutions (approximately 3 miles of laterals connecting 8 additional CAI's). Next quarter will continue the installation, testing and service activation of the WiMax network for the last mile portion of the project. Anticipate having a total of 6 wholesale/last mile provider contracts signed by end of quarter.

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	98	N/A
2b.	Environmental Assessment	100	N/A
2c.	Network Design	99	N/A
2d.	Rights of Way	99	N/A
2e.	Construction Permits and Other Approvals	99	N/A
2f.	Site Preparation	0	N/A
2g.	Equipment Procurement	99	N/A
2h.	Network Build (all components - owned, leased, IRU, etc.)	90	Negotiations for the planned IRU from Southern Company have become much more difficult than originally envisioned and may be difficult to complete by end of next quarter.
2i.	Equipment Deployment	90	N/A
2j.	Network Testing	99	N/A
2k.	Other (please specify): N/A	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).

Currently facing two main challenges in achieving our goals. We have a single lake crossing that has been complicated by changes in the National Electric Safety Code (NESC) and the US Army Core of Engineering regulations. These NESC changes have occurred since the original engineering was performed at the beginning of the project (multiple solutions are under investigation). The second challenge involves the IRU (Indefeasible Right to Use) from Southern Company Services for the fibers needed to implement a self-healing ring as opposed to offering a linear system for the project.

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.

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
---	--------------------------------