

**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>  NT10BIX5570107	<b>3. DUNS Number</b>  020271826
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**4. Recipient Organization**

Texas A&M University 750 Agronomy Rd  
 STE 2701, College Station, TX 77843-0001

<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  12-31-2011	<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>  Marcie Avery	<b>7c. Telephone (area code, number and extension)</b>  X
	<b>7d. Email Address</b>  mavery@tamu.edu

<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  02-21-2012
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**Project Indicators (This Quarter)**

**1. Please describe significant project accomplishments completed during this quarter (600 words or less).**  
 Approval of TXDOT for Killeen permit allowed us to begin aerial construction of the TAMU Central project segment. The TAMU Kingsville project fiber construction , testing and turn up was completed with the addition of two CAI's. 13 of the 14 TxDOT Permits submitted and approved for Texarkana Project.

**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	10	Behind schedule as noted below
2b.	Environmental Assessment	100	No Variance
2c.	Network Design	95	Behind schedule as noted below
2d.	Rights of Way	95	Behind schedule as noted below
2e.	Construction Permits and Other Approvals	95	Behind schedule as noted below
2f.	Site Preparation	18	Behind schedule as noted below
2g.	Equipment Procurement	80	Behind schedule as noted below
2h.	Network Build (all components - owned, leased, IRU, etc)	8	Behind schedule as noted below
2i.	Equipment Deployment	10	Behind schedule as noted below
2j.	Network Testing	8	Behind schedule as noted below
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).**

2a-The percent complete is based on current expenditures but the overall project completion is 20%. Expenditures are lagging progress because of invoice delays. The project progress is behind the baseline projections due to the lack of availability of materials to manufacturers and suppliers to our chosen vendors. This has been resolved in recent quarters but the delays impacted the overall project schedule. Additionally, the effort required for a non utility agency such as Texas A&M University, to obtain the required lease agreements for right of way access was underestimated and this continues to be the largest factor regarding scheduling the construction. We have established a plan of action that includes twice weekly follow-ups with the permitting agencies as well as pre-construction meetings at the agency locations. This will continue until all permitting requirements have been met.  
 Budget Note: In the architectural and engineering fees budget category, \$33,991 was incorrectly reported in the previous quarterly report. \$33,045 is the actual/correct amount. The actuals from project inception through end of current reporting period matches with the drawdown and the FSR through the 4th quarter.

2c-Additional engineering required on Killeen site caused delayed TxDOT permitting and added permitting with the electric utility for additional make ready work before construction could proceed.

2d,e-The effort required for a University to obtain the required lease agreements for right of way access was underestimated and this continues to be the largest factor regarding scheduling the construction. We have established a plan of action that includes twice weekly follow-ups with the permitting agencies as well as pre-construction meetings at the agency locations. This will continue until all permitting requirements have been met.

2f- Site preparation is behind projection due to the fact that the majority of site preparation is contingent on ROW owned by TxDOT and lease agreements and permits must be obtained prior to site preparation. Site preparation on university owned sites has caused delays but those sites represent a small percentage of the total project.

2g- Delays caused by supplier problems have cleared up with major part of the equipment and materials received.

2h-The effort required for TAMU to obtain the required lease agreements for right of way access was underestimated and this continues to be the largest factor regarding scheduling the construction In turn that impacts the network build progress. We have established a plan of action that includes twice weekly follow-ups with the permitting agencies as well as pre-construction meetings at the agency locations. This will continue until all permitting requirements have been met.

2i-Equipment deployment is dependent on fiber miles placed and specific innerconnections being made.

2j-Network testing commences after fiber terminations are completed (dependency on fiber placing which has seen delays).If the

network is behind in construction, it will be behind in testing. The network testing can not be accomplished until network segments are terminated.

**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	13	8 mi. Riverside, 2.54 mi San Antonio, .6 mi Kingsville, 1 mi, Killeen (permit and construction delays created variance)
New network miles leased	0	N/A
Existing network miles upgraded	0	None at this time (permit and construction delays created variance)
Existing network miles leased	0	N/A
Number of miles of new fiber (aerial or underground)	13	8 mi. Riverside, 2.54 mi San Antonio, .6 mi Kingsville, 1 mi, Killeen (permit and construction delays created variance)
Number of new wireless links	0	N/A
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	0	None completed at this time (permit and construction delays created 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	2
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	5
Average term of signed agreements (in quarters)	8

**5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:**  
Peoples Telephone and Texas Lone Star Network

**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:**  
None at this time.

**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).**  
We anticipate that a portion of the network will be run by sub-recipients.

**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	Sub-recipient sites not constructed due to permit delays
	Providers with signed agreements receiving improved access	0	Sub-recipient agreements have taken longer than anticipated.
	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	8	Permit delays
	Subscribers receiving new access	8	Permit procedures are unique to each TxDOT district in the state, also other permitting agencies have their own operational procedures and guidelines. City, County, Railroad and Utility pole attachments are dependent on a coordinated effort with other utilities in the area. Our approach with these various agencies is cooperative and proactive while making them aware of our project time line and our sense of urgency.
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number or subscribers for each	2	1 Gig and 10 Gig
Residential / Households	Entities passed	0	No Variance
	Total subscribers served	0	No Variance
	Subscribers receiving new access	0	No Variance
	Subscribers receiving improved access	0	No Variance
	Please identify the speed tiers that are available and the number of subscribers for each	0	No Variance
Businesses	Entities passed	0	No Variance
	Total subscribers served	0	No Variance
	Subscribers receiving new access	0	No Variance
	Subscribers receiving improved access	0	No Variance
	Please identify the speed tiers that are available and the number of subscribers for each	0	No Variance

7. Please describe any special offerings you may provide (600 words or less).  
None at this time.

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
Caesar Kleberg WildLife Center	Kleberg	Other Institutions of Higher Ed.	Yes	The Caesar Kleberg Wildlife Center will directly benefit from the project through the provision of broadband technology and resources previously unavailable or of limited bandwidth to this research center.
Natural Toxins Research Center (NTRC) Serpentarium	Kleberg	Other Institutions of Higher Ed.	Yes	The NTRC Serpentarium will directly benefit from the project through the provision of broadband technology and statewide resources previously unavailable or only available in a bandwidth limited connection.

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**  
Construction completion with fiber deployed at TAMU Central Campus at Killeen. TxDOT lease agreements executed for Texarkana, Prairie View and Corpus Christi project sites. Railroad permits executed for Corpus Christi and Comanche (Tarleton Project). We project that in the quarter ending March 2012 one new agreement will be executed, an additional 20 miles of fiber will be constructed and one new CAI will be connected.

**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	30	We will just begin the start of construction for two of the largest fiber segments of the project in mid February. We anticipate an increase in the overall project percentages for this quarter.
2b.	Environmental Assessment	100	FONSI received 6/7/2011. No Modifications anticipated.
2c.	Network Design	100	No Variance
2d.	Rights of Way	95	We project that 95 percent of the Lease agreements and permits will be executed by the end of the next quarter. All permitting agencies have been contacted and are working through the process with us as our project goes forward.
2e.	Construction Permits and Other Approvals	95	All known permitting entities have been contacted for approval. Some governing authorities, such as county commissioners courts, meet at specific intervals to make permitting decisions and this can impact the schedule. We can only anticipate these processes are swiftly passed through the appropriate channels for approvals. We have done due diligence in reaching out and communicating the benefits of the project.
2f.	Site Preparation	35	With the multitude of project sites across the state site preparation is contingent upon permit approvals. We project this projected percent will increase with the start of construction projected in the next quarter.
2g.	Equipment Procurement	80	Equipment orders have been placed for the majority but not all deployment sites at this time we are projecting 80 percent will be procured by the end of next quarter.
2h.	Network Build (all components - owned, leased, IRU, etc.)	13	Projection remains low based on the current construction schedule.
2i.	Equipment Deployment	10	This projection is based on the number of fiber miles constructed. The largest fiber construction projects will be starting next quarter.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2j.	Network Testing	10	We cannot improve the projected network testing percentage until we have fiber placed which is progressing at a slower pace than expected, however, will see improvements with the start of the two larger projects next quarter.
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).**  
None anticipated.

Empty text area for providing details on challenges or issues.

**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	\$71,820	\$0	\$71,820	\$27,295	\$0	\$27,295	\$56,442	\$0	\$56,442
b. Land, structures, right-of-ways, appraisals, etc.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$728,629	\$157,169	\$571,460	\$33,045	\$0	\$33,045	\$34,635	\$0	\$34,635
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$8,687,612	\$2,835,117	\$5,852,495	\$898,815	\$374,271	\$524,544	\$2,805,993	\$915,296	\$1,890,697
j. Equipment	\$55,000	\$0	\$55,000	\$0	\$0	\$0	\$0	\$0	\$0
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>l. SUBTOTAL (add a through k)</b>	\$9,543,061	\$2,992,286	\$6,550,775	\$959,155	\$374,271	\$584,884	\$2,897,070	\$915,296	\$1,981,774
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>n. TOTALS (sum of l and m)</b>	\$9,543,061	\$2,992,286	\$6,550,775	\$959,155	\$374,271	\$584,884	\$2,897,070	\$915,296	\$1,981,774

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
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