

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 NT10BIX5570138	3. DUNS Number 078557998
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4. Recipient Organization Region 18 Education Svc Ctr. 2811 La Force Blvd, Midland, TX 79711-0580

5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2013	6. Is this the last Report of the Award Period? <input checked="" type="radio"/> Yes <input 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.

7a. Typed or Printed Name and Title of Certifying Official Casey Ritchie Director of Technology	7c. Telephone (area code, number and extension) 4325673250
	7d. Email Address critchie@esc18.net

7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 05-19-2014
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Project Indicators (This Quarter)

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

In this quarter Region 18 ESC completed the final route of the project. The final route to the McDonald Observatory was completed in early December and service is now connected. Final project mile totals are: Poka Lambro 2.9 miles completed; WesTex 1.33 miles completed; Hill Country Telephone 21.49 miles completed; Dell City Telephone 121 miles of fiber plus 14 miles of wireless for a total of 135 miles completed; Big Bend Telephone 49.37 miles of fiber plus 33.60 miles of wireless air miles. Project miles final total is 243.69 miles. Our total project miles are 8.21 miles less than our revised plan due to approved route changes. We are actually 25.69 miles greater than our baseline plan of 218 miles. Total number of routes and CAI connections were not impacted by the number of miles. We have spent a total of \$11,582,881 in federal funds. (note that currently our draw down amount is less by \$205,830.40. This amount will be drawn down in January of 2014). We spent 96.7% of our allocated Federal Funds. Our final project is 3.3% under budget. As a result of the 244 miles of fiber and 63 CAI locations connected directly with grant funds, this project has encouraged additional fiber installation and upgrades by the local telecommunication companies. We have introduced competition in broadband and telephone service where there was previously only one provider with lower speed and less reliable service offered. Wireless providers are expanding LTE coverage in more rural areas because the increased fiber infrastructure is allowing wireless towers to be upgraded to handle higher bandwidth applications. All public schools in Region 18 now have at least 100 Mbps of Internet service with the ability to upgrade to 1 Gbps, aligning with the National Broadband Plan. As a direct result, the schools in our area are rapidly adopting one-to-one initiatives where every student in high school is issued a computer or tablet device for instruction. This is accelerating the digital literacy of the students in our area.

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	100	No variance
2b.	Environmental Assessment	100	No variance
2c.	Network Design	100	No variance
2d.	Rights of Way	100	No variance
2e.	Construction Permits and Other Approvals	100	No variance
2f.	Site Preparation	100	No variance
2g.	Equipment Procurement	100	No variance
2h.	Network Build (all components - owned, leased, IRU, etc)	100	No variance
2i.	Equipment Deployment	100	No variance
2j.	Network Testing	100	No variance
2k.	Other (please specify): HCTC Pole Make Ready	100	No variance

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).

The Region 18 ESC project is now 100% complete. All planned routes and CAI locations are connected.

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)

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	244	Our final miles are 8 miles less than revised forecast due to approved route changes for Big Bend. The lower miles did not have an impact on our ability to complete all approved routes and connect all planned CAI locations. We are 11.7% ahead of baseline miles.
New network miles leased	0	No variance
Existing network miles upgraded	0	No variance
Existing network miles leased	0	NA
Number of miles of new fiber (aerial or underground)	244	Our final miles are 8 miles less than forecast due to approved route changes for Big Bend. The lower miles did not have an impact on our ability to complete all approved routes and connect all planned CAI locations.
Number of new wireless links	3	No variance
Number of new towers	1	-3 to baseline. One tower in Mentone has been constructed. The second tower for Mentone was not needed as we were able to connect to an existing tower on the courthouse. The other towers are on Big Bend routes and Big Bend was able to use existing towers to install the wireless equipment.
Number of new and/or upgraded interconnection points	4	For clarification our definition of interconnection points has been modified since the baseline submission. A peering point where two providers connect to each other will occur 4 times in the Region 18 ESC project. At this time one of these locations has upgraded equipment added by Dell City Telephone. The Wes Tex Midland connection was completed in Q4 2011. Big Bend Midland connection was completed in Q2 2012; Dell City Pecos and TLSN-McCamey were completed in Q3 2012.

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	5
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	0
Average term of signed agreements (in quarters)	40

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

We have signed agreements with the following companies: Dell City Telephone; Big Bend Telephone; WesTex Telephone; Poka Lambro and Hill Country Telephone.

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:

NA

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).

NA

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	5	The companies with signed agreements are now receiving access to Region 18's network.
	Providers with signed agreements receiving improved access	0	NA
	Providers with signed agreements receiving access to dark fiber	0	NA
	Please identify the speed tiers that are available and the number of subscribers for each	0	NA
Community Anchor Institutions (including Government institutions)	Total subscribers served	63	CAI locations currently connected are: (Dell City) Kermit ISD; Winkler County Library; Kermit Fire Chief; Winkler County Judge; Public Housing Authority in Kermit; Kermit Chief of Police; Kermit Sheriff; Pecos-Barstow-Toyah ISD; Reeves County Library; Reeves County Hospital; Pecos Research and Testing Center; Pecos DPS; Mayor of Pecos; Reeves County Judge; Pecos Public Housing Authority; Pecos Chief of Police; Pecos Sheriff; Mayor of Pyote; Culberson County-Allamore ISD; Van Horne City County Library; Van Horne DPS; Culberson County Judge; Mayor of Van Horne; Van Horne Sheriff; Wink-Loving ISD; Wink Fire Chief; Wink Mayor; Wink Public Housing Authority; Winkler County Barn; Wink Volunteer Fire Department; Monahans-Wickett-PeyoteISD; Mayor Monahans; Ward County Judge; Monahans Public Housing Authority; Monahans Sheriff; Balmorhea ISD; Balmorhea Mayor; Balmorhea Public Housing Authority; Toyah City Hall; Loving County Judge; Mentone Sheriff, Ward County EMS Monahans. (Big Bend) Iraa-Sheffield ISD; Fort Davis ISD; Valentine ISD; MarathonISD; Marfa ISD; Fort Stockton DPS; Fort Stockton ISD; McCamey ISD. (Hill Country) Reagan County ISD; Buena Vista ISD; Grandfalls-Royalty ISD; Rankin ISD. (Poka Lambro) Andrews ISD; Midland DPS. (WesTex) Howard County Library; Howard County Court House; Big Spring Chief of Police; Big Spring District Court; Big Spring Chamber of Commerce; Big Spring CountyLaw Enforcement Center; Crane ISD; McDonald Observatory.
	Subscribers receiving new access	0	NA
	Subscribers receiving improved access	63	CAI locations currently connected are: (Dell City) Kermit ISD; Winkler County Library; Kermit Fire Chief; Winkler County Judge; Public Housing Authority in Kermit; Kermit Chief of Police; Kermit Sheriff; Pecos-Barstow-Toyah ISD; Reeves County Library; Reeves County Hospital; Pecos Research and Testing Center; Pecos DPS; Mayor of Pecos; Reeves County Judge; Pecos Public Housing Authority; Pecos Chief of Police; Pecos Sheriff; Mayor of Pyote; Culberson County-Allamore ISD; Van Horne City County Library; Van Horne DPS; Culberson County Judge; Mayor of Van Horne; Van Horne Sheriff; Wink-Loving ISD; Wink Fire Chief; Wink Mayor; Wink Public Housing Authority; Winkler County Barn; Wink Volunteer Fire Department; Monahans-Wickett-PeyoteISD; Mayor Monahans; Ward County Judge; Monahans Public Housing Authority; Monahans Sheriff; Balmorhea ISD; Balmorhea Mayor; Balmorhea Public Housing Authority; Toyah City Hall; Loving County Judge; Mentone Sheriff, Ward County EMS Monahans. (Big Bend) Iraa-Sheffield ISD; Fort Davis ISD; Valentine ISD; MarathonISD; Marfa ISD; Fort Stockton DPS; Fort Stockton ISD; McCamey ISD. (Hill Country) Reagan County ISD; Buena Vista ISD; Grandfalls-Royalty ISD; Rankin ISD. (Poka Lambro)

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
			Andrews ISD; Midland DPS. (WesTex) Howard County Library; Howard County Court House; Big Spring Chief of Police; Big Spring District Court; Big Spring Chamber of Commerce; Big Spring CountyLaw Enforcement Center; Crane ISD; McDonald Observatory.
	Please identify the speed tiers that are available and the number or subscribers for each	100	All ISD locations (28) are receiving 100 mg, all other are receiving between 10 mg and 100 mg of service (35).
Residential / Households	Entities passed	0	NA
	Total subscribers served	0	NA
	Subscribers receiving new access	0	NA
	Subscribers receiving improved access	0	NA
	Please identify the speed tiers that are available and the number of subscribers for each	0	NA
Businesses	Entities passed	0	NA
	Total subscribers served	0	NA
	Subscribers receiving new access	0	NA
	Subscribers receiving improved access	0	NA
	Please identify the speed tiers that are available and the number of subscribers for each	0	NA

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

NA

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

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

NA

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
McDonald Observatory	Fort Davis	Other Government Facility	NO	Provide High Speed internet connectivity to transfer data from the observatory to University of Texas and others.

Project Indicators (Next Quarter)

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

We will plan to draw down the final \$205,830.40 of federal funds and begin our project closeout requirements. We are not negotiating or pursuing any additional broadband wholesaler last mile agreements and do not intend to.

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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	100	project is complete and is 3.3% favorable to budget.
2b.	Environmental Assessment	100	No variance
2c.	Network Design	100	No variance
2d.	Rights of Way	100	No variance
2e.	Construction Permits and Other Approvals	100	No variance
2f.	Site Preparation	100	No variance
2g.	Equipment Procurement	100	No variance
2h.	Network Build (all components - owned, leased, IRU, etc.)	100	No variance
2i.	Equipment Deployment	100	No variance
2j.	Network Testing	100	No variance
2k.	Other (please specify): HCTC Pole Make Ready	100	No variance

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).
No challenges expected.

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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	\$1,574,266	\$485,849	\$1,088,417	\$1,590,630	\$519,934	\$1,070,696	\$1,590,630	\$519,934	\$1,070,696
b. Land, structures, right-of-ways, appraisals, etc.	\$80,000	\$24,690	\$55,310	\$25,306	\$7,629	\$17,677	\$25,306	\$7,629	\$17,677
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$1,765,733	\$544,939	\$1,220,794	\$1,852,321	\$539,931	\$1,312,390	\$1,852,321	\$539,931	\$1,312,390
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	\$12,317,820	\$3,801,573	\$8,516,247	\$12,834,856	\$3,968,952	\$8,865,904	\$12,834,856	\$3,968,952	\$8,865,904
j. Equipment	\$1,464,565	\$451,993	\$1,012,572	\$477,789	\$175,001	\$302,788	\$477,789	\$175,001	\$302,788
k. Miscellaneous	\$76,959	\$0	\$76,959	\$13,426	\$0	\$13,426	\$13,426	\$0	\$13,426
l. SUBTOTAL (add a through k)	\$17,279,343	\$5,309,044	\$11,970,299	\$16,794,328	\$5,211,447	\$11,582,881	\$16,794,328	\$5,211,447	\$11,582,881
m. Contingencies	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of l and m)	\$17,279,343	\$5,309,044	\$11,970,299	\$16,794,328	\$5,211,447	\$11,582,881	\$16,794,328	\$5,211,447	\$11,582,881

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