

RECIPIENT NAME:CVIN, LLC

AWARD NUMBER: NT10BIX5570126

DATE: 08/09/2013

OMB CONTROL NUMBER: 0660-0037

EXPIRATION DATE: 6/30/2015

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 NT10BIX5570126	3. DUNS Number 010738198
4. Recipient Organization CVIN, LLC 1346 N Floyd Ave, Fresno, CA 93723-9519		
5. Current Reporting Period End Date (MM/DD/YYYY) 06-30-2013	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 David Douglas	7c. Telephone (area code, number and extension) X	
	7d. Email Address douglasd@CVIN.com	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 08-09-2013	

Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (600 words or less).
 Underground construction, fiber optic cable installation, equipment hut/cabinet installation and fiber optic network equipment deployment continued through this quarter. Permitting processes are complete. Construction inspection and environmental monitoring firms continue to work closely with CVIN staff and construction contractors to insure compliance with all aspects of grant project construction. The project has been broken down into 30 segments and construction is in full force. All thirty (30) segments have been bid and awarded, and twenty-nine (29) segments are under construction. So far, 656 miles of conduit and 434 miles of fiber optic cable have been installed. All fiber optic network equipment, network management equipment, and anchor institution switches and routers have been received. All fiber optic network equipment has been pre-tested and much of it has been installed and turned up. All equipment cabinets and backup power systems have been received. Fourteen (14) of the seventeen (17) equipment cabinets have been installed. All five (5) equipment huts have been received and installed.

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	90	Behind schedule due to initial underground construction delays.
2b.	Environmental Assessment	100	No change from the baseline.
2c.	Network Design	100	No change from the baseline.
2d.	Rights of Way	100	No change from the baseline.
2e.	Construction Permits and Other Approvals	100	No change from the baseline.
2f.	Site Preparation	90	Behind schedule due to initial underground construction delays.
2g.	Equipment Procurement	100	No change from the baseline.
2h.	Network Build (all components - owned, leased, IRU, etc)	90	Behind schedule due to initial underground construction delays.
2i.	Equipment Deployment	70	Behind schedule due to initial underground construction delays.
2j.	Network Testing	70	Behind schedule due to initial underground construction delays.
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).

Construction challenges due to rocky terrain in northern mountainous segments.

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	434	Construction efforts are focused on placement of underground conduit and fiber optic cable. 656 miles of underground conduit has been placed. 27 miles of new fiber in existing conduit and 407 miles in new underground conduit.
New network miles leased	0	N/A

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
Existing network miles upgraded	332	The remaining existing network to be upgraded will complete in the next few months.
Existing network miles leased	0	Construction efforts are focused on placement of underground conduit and new fiber optic cable. 36 miles of leased fiber will be implemented during the network turn-up processes in the October/November time frame.
Number of miles of new fiber (aerial or underground)	434	Fiber installation continued this quarter. 27 miles of new fiber in existing conduit and 407 miles in new underground conduit.
Number of new wireless links	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax.
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	12	The remaining interconnection points will be established in the next few months.

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	3
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	33
Average term of signed agreements (in quarters)	16

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:
Sebastian (DBA: Audeamus)
Sierra Tel Internet
Ponderosa 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:

Internet access bandwidth at 500Mbps to 3Gbps (see attached pricing plans).

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).

Once the project is complete, the services provided to Anchor Institutions will be managed by our partner, the Corporation for Education Network Initiatives in California (CENIC) who is a sub-recipient. We (CVIN) will manage all commercial services to third party providers, business and residential customers. CENIC's Chief Technology Officer, David Reese, is their operations contact for the project (dave@cenic.org, 714-220-3444).

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	Behind schedule due to initial construction delays which delayed turn-up of the network. We have quoted services to many more than are currently being negotiated. Some are waiting for current contracts with other providers to term out before moving to our network. We are confident that we will reach the projected target within a short timeframe.

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Providers with signed agreements receiving improved access	3	Behind schedule due to initial construction delays which has delayed turn-up of the network. We have quoted services to many more than are currently being negotiated. Some are waiting for current contracts with other providers to term out before moving to our network. We are confident that we will reach the projected target within a short timeframe.
	Providers with signed agreements receiving access to dark fiber	0	Behind schedule due to initial construction delays.
	Please identify the speed tiers that are available and the number of subscribers for each	2	Three wholesale providers, two at 500Mbps and one at 3Gbps
Community Anchor Institutions (including Government institutions)	Total subscribers served	28	Behind schedule due to initial construction delays.
	Subscribers receiving new access	14	Behind schedule due to initial construction delays.
	Subscribers receiving improved access	14	Behind schedule due to initial construction delays.
	Please identify the speed tiers that are available and the number of subscribers for each	2	Two speed tiers, either 1Gbps or 10Gbps. 25 anchors will receive 1Gbps and 3 will receive 10Gbps.
Residential / Households	Entities passed	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax
	Total subscribers served	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax
	Subscribers receiving new access	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax
	Subscribers receiving improved access	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax
	Please identify the speed tiers that are available and the number of subscribers for each	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax
Businesses	Entities passed	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax
	Total subscribers served	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax
	Subscribers receiving new access	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax
	Subscribers receiving improved access	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax
	Please identify the speed tiers that are available and the number of subscribers for each	0	Not feasible nor prudent to deploy proposed 3.65MHz Wimax

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
Bakersfield College	Bakersfield CA	Community Colleges	Yes (CENIC)	Broadband Internet used by campus students and staff.
Kern Community College District	Bakersfield CA	Community Colleges	Yes (CENIC)	Broadband Internet used by campus students and staff.
Porterville College	Porterville CA	Community Colleges	Yes (CENIC)	Broadband Internet used by campus students and staff.
Kern County Office of Education	Bakersfield CA	Schools (K-12)	Yes (CENIC)	Broadband Internet distributed to school districts in county.
Mariposa County Office of Education	Mariposa CA	Schools (K-12)	Yes (CENIC)	Broadband Internet distributed to school districts in county.
Tulare County Office of Education	Visalia CA	Schools (K-12)	Yes (CENIC)	Broadband Internet distributed to school districts in county.
CSU Bakersfield	Bakersfield CA	Institutions of Higher Education	Yes (CENIC)	Broadband Internet used by campus students and staff.
Kern County Library	Bakersfield CA	Libraries	Yes (CENIC)	Broadband Internet used by library staff and patrons.
Tulare County Library	Visalia CA	Libraries	Yes (CENIC)	Broadband Internet used by library staff and patrons.
Kern County Office of Public Safety	Bakersfield CA	Public Safety Entities	Yes (CENIC)	Wide Area Network connecting regional Public Safety Answering Points
Tulare County Office of Public Safety	Visalia CA	Public Safety Entities	Yes (CENIC)	Wide Area Network connecting regional Public Safety Answering Points

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).
 Underground conduit construction, cabinet construction, fiber installation and splicing are expected to be complete. Significant progress is expected in fiber testing and network equipment installation. We anticipate 848 miles of fiber placed, 45 Community Anchor Institutions connected, and 4 wholesale providers by end of next quarter. We also plan to apply for a no cost extension to extend the period of performance of our award.

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	Only last few items to wrap up before end of grant period. Anticipated expenditures are expected to be 110% of our overall budget.
2b.	Environmental Assessment	100	No change from the baseline.
2c.	Network Design	100	No change from the baseline.
2d.	Rights of Way	100	No change from the baseline.
2e.	Construction Permits and Other Approvals	100	No change from the baseline.
2f.	Site Preparation	100	No change from the baseline.
2g.	Equipment Procurement	100	No change from the baseline.
2h.	Network Build (all components - owned, leased, IRU, etc.)	99	Only last few items to wrap up before end of grant period.

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	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2i.	Equipment Deployment	95	Only last few items to wrap up before end of grant period. The 95% for these less costly items indicate that there will still be some work to be done for these items while the Network Build and Overall Project are expected to reach higher percentages.
2j.	Network Testing	95	Only last few items to wrap up before end of grant period. The 95% for these less costly items indicate that there will still be some work to be done for these items while the Network Build and Overall Project are expected to reach higher percentages.
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

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	\$227,000	\$68,100	\$158,900	\$830,138	\$249,042	\$581,096	\$870,000	\$288,904	\$581,096
b. Land, structures, right-of-ways, appraisals, etc.	\$215,963	\$64,789	\$151,174	\$1,868,522	\$560,557	\$1,307,965	\$1,900,000	\$592,035	\$1,307,965
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$1,212,173	\$363,652	\$848,521	\$4,598,448	\$1,379,535	\$3,218,913	\$4,600,000	\$1,381,087	\$3,218,913
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$730,319	\$219,096	\$511,223	\$2,725,218	\$817,566	\$1,907,652	\$3,000,000	\$1,092,348	\$1,907,652
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	\$64,214,212	\$19,264,273	\$44,949,939	\$49,895,793	\$14,968,745	\$34,927,048	\$62,605,667	\$23,001,536	\$39,604,131
j. Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
k. Miscellaneous	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l. SUBTOTAL (add a through k)	\$66,599,667	\$19,979,910	\$46,619,757	\$59,918,119	\$17,975,445	\$41,942,674	\$72,975,667	\$26,355,910	\$46,619,757
m. Contingencies									
n. TOTALS (sum of l and m)	\$66,599,667	\$19,979,910	\$46,619,757	\$59,918,119	\$17,975,445	\$41,942,674	\$72,975,667	\$26,355,910	\$46,619,757

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: \$216,158
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