

RECIPIENT NAME:CVIN, LLC

AWARD NUMBER: NT10BIX5570126

DATE: 11/26/2012

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>  NT10BIX5570126	<b>3. DUNS Number</b>  010738198
<b>4. Recipient Organization</b>  CVIN, LLC 1346 N Floyd Ave, Fresno, CA 93723-9519		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  09-30-2012	<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>  David Douglas	<b>7c. Telephone (area code, number and extension)</b>  X	
	<b>7d. Email Address</b>  douglasd@CVIN.com	
<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  11-26-2012	

**Project Indicators (This Quarter)**

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

Underground construction and fiber optic cable installation continued through this quarter. Permitting processes also continued and are coming to a close. CVIN has hired another three (3) additional Outside Plant Technicians for fiber optic cable installation. CVIN also hired an Outside Plant Office Assistant, another Construction Manager and another Network Technician. 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. Twenty-seven (27) segments have been bid and awarded, and twenty-three (23) segments are under construction. So far, 472 miles of conduit and 105 miles of fiber optic cable have been installed. Existing tower locations have been specifically identified for the wireless last mile portion of the project and the wireless network design has been completed. An RFP was issued for the wireless equipment and responses are currently being evaluated. All anchor institution switches and routers and network management equipment have been received. The final shipments of fiber optic network equipment are expected early in the 4th quarter. Bids have been awarded and orders placed for equipment cabinets and huts and backup power systems.

**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	65	Significant progress was made on underground construction and fiber optic cable installation this quarter. Behind schedule on construction due to initial delays in acquiring FONSI and construction permits.
2b.	Environmental Assessment	100	No change from the baseline.
2c.	Network Design	100	No change from the baseline.
2d.	Rights of Way	99	Will finalize last few rights-of-way issues next quarter.
2e.	Construction Permits and Other Approvals	99	Will finalize last few permit issues next quarter.
2f.	Site Preparation	50	Behind schedule due to construction delays.
2g.	Equipment Procurement	95	Purchased the bulk of fiber optic network equipment this quarter. Only slightly behind baseline.
2h.	Network Build (all components - owned, leased, IRU, etc)	70	Significant progress was made on underground construction and fiber optic cable installation this quarter. Behind schedule on construction due to initial delays in acquiring FONSI and construction permits.
2i.	Equipment Deployment	20	Behind schedule due to construction delays.
2j.	Network Testing	20	Behind schedule due to construction delays.
2k.	Other (please specify): N/A	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).**

CVIN was successful in implementing measures to eliminate permitting delays and has nearly completed acquiring all permits. This has allowed significant progress in construction.

**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	105	Construction efforts have been focused on placement of underground conduit. 472 miles of underground conduit has been placed. Fiber installation in the underground conduit continued this quarter. Besides 27 miles of fiber placed in leased conduit, 78 miles of fiber was placed in new underground conduit.
New network miles leased	0	N/A
Existing network miles upgraded	0	Construction efforts have been focused on placement of underground conduit and new fiber optic cable. Upgrade of existing and leased areas will be starting later this year.
Existing network miles leased	0	Construction efforts have been focused on placement of underground conduit and new fiber optic cable. Upgrade of existing and leased areas will be starting later this year.
Number of miles of new fiber (aerial or underground)	105	Fiber installation in the underground conduit continued this quarter. Besides 27 miles of fiber placed in leased conduit, 78 miles of fiber was placed in new underground conduit.
Number of new wireless links	0	An RFP was issued for the wireless equipment and responses are currently being evaluated. Deployment will begin next quarter.
Number of new towers	0	N/A
Number of new and/or upgraded interconnection points	1	Construction efforts have been focused on placement of underground conduit and fiber optic cable installation. Outdoor cabinets and huts will begin to be deployed in the next few months which will allow establishment of more interconnection points.

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	34
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 Corp (DBA: Audeamus)  
Sierra Tel Internet

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 500 Mbps to 1 Gbps (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 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)
<b>Broadband Wholesalers or Last Mile Providers</b>	Providers with signed agreements receiving new access	0	Behind schedule due to construction delays.
	Providers with signed agreements receiving improved access	2	Behind schedule due to construction delays.
	Providers with signed agreements receiving access to dark fiber	0	Behind schedule due to construction delays.
	Please identify the speed tiers that are available and the number of subscribers for each	2	We have two wholesalers, one at 500 Mbps and one at 2 Gbps.
<b>Community Anchor Institutions (including Government institutions)</b>	Total subscribers served	0	Behind schedule due to construction delays.
	Subscribers receiving new access	0	Behind schedule due to construction delays.
	Subscribers receiving improved access	0	Behind schedule due to construction delays.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Behind schedule due to construction delays.
<b>Residential / Households</b>	Entities passed	0	Behind schedule due to construction delays.
	Total subscribers served	0	Behind schedule due to construction delays.
	Subscribers receiving new access	0	Behind schedule due to construction delays.
	Subscribers receiving improved access	0	No change from the baseline.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Behind schedule due to construction delays.
<b>Businesses</b>	Entities passed	0	Behind schedule due to construction delays.
	Total subscribers served	0	Behind schedule due to construction delays.
	Subscribers receiving new access	0	Behind schedule due to construction delays.
	Subscribers receiving improved access	0	No change from the baseline.
	Please identify the speed tiers that are available and the number of subscribers for each	0	Behind schedule due to construction delays.

**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
none connected	none connected	none connected	none connected	none connected

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**  
Underground conduit construction will continue full force with several segments being completed. The few remaining permitting and right-of-way processes should be complete. Fiber optic cable installation efforts will continue, resulting in significant progress. Procurement of fiber optic network equipment, power equipment, outdoor cabinets & huts, etc. will be complete. Site prep and installation of outdoor cabinets and huts will begin. We have determined that there are inadequacies of the proposed 3.65 MHz WiMAX wireless equipment in achieving the data throughput necessary to provide the customer with quality service and no real path forward from equipment manufacturers to upgrade to LTE. As a result, we will be re-evaluating the feasibility of deploying 3.65 MHz WiMAX for the wireless last mile portion of our project. We anticipate 265 miles of fiber placed, 6 Community Anchor Institutions connected, and 4 wholesale providers by end of next 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	86	Significant progress will be made on underground construction and fiber optic cable installation this quarter. Still slightly behind schedule on construction because of initial delays in acquiring FONSI and construction permits.
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	75	Significant progress on underground construction will allow for substantial progress on cabinet and hut site preparation. Still slightly behind schedule on construction because of initial delays in acquiring FONSI and construction permits.
2g.	Equipment Procurement	97	All but the last few equipment items will have been purchased.
2h.	Network Build (all components - owned, leased, IRU, etc.)	86	Significant progress will be made on underground construction and fiber optic cable installation this quarter. Still slightly behind schedule on construction because of initial delays in acquiring FONSI and construction permits.
2i.	Equipment Deployment	35	Behind schedule due to construction delays. Significant progress will be made again next quarter.
2j.	Network Testing	35	Behind schedule due to construction delays. Testing will closely follow equipment deployment.
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).**

No other issues are anticipated at this time.

**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	\$669,441	\$200,832	\$468,609	\$750,000	\$225,000	\$525,000
b. Land, structures, right-of-ways, appraisals, etc.	\$215,963	\$64,789	\$151,174	\$1,660,760	\$498,228	\$1,162,532	\$1,700,000	\$510,000	\$1,190,000
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	\$4,032,865	\$1,209,860	\$2,823,005	\$4,100,000	\$1,230,001	\$2,869,999
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	\$1,360,902	\$408,271	\$952,631	\$1,500,000	\$450,000	\$1,050,000
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	\$35,283,757	\$10,585,133	\$24,698,624	\$49,000,000	\$14,700,007	\$34,299,993
j. Equipment	\$0	\$0	\$0	\$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>	\$66,599,667	\$19,979,910	\$46,619,757	\$43,007,725	\$12,902,324	\$30,105,401	\$57,050,000	\$17,115,008	\$39,934,992
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>n. TOTALS (sum of l and m)</b>	\$66,599,667	\$19,979,910	\$46,619,757	\$43,007,725	\$12,902,324	\$30,105,401	\$57,050,000	\$17,115,008	\$39,934,992

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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