

**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>  NT10BIX5570098	<b>3. DUNS Number</b>  831438424
<b>4. Recipient Organization</b>  California Broadband Cooperative, Inc. 1101 Nimitz Ave, Vallejo, CA 94592-1014		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  03-31-2013	<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>  Robert Volker	<b>7c. Telephone (area code, number and extension)</b>  X	
	<b>7d. Email Address</b>  Rvolker@digital395.com	
<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  05-28-2013	

**Project Indicators (This Quarter)**

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

NTIA/Environmental:

- Programmatic Agreement Segment Groups 7, 8, 9 and 10 approved by the NTIA except for segments M116, M120 and M122, approval of which was withheld which were not approved by the Inyo National Forest
- Submitted Backbone and N109 Route changes to the NTIA
- Resolved federal trespass issues with the Bureau of Land Management trespass issue
- Negotiated changes in California Department of Fish and Game stream bed alteration Permit to include parallel construction.
- Managed Sage Grouse & Goshawk restricted work areas successfully

ROW, Permits/Agreements:

- Amended backbone and distribution agreements with Mono, Inyo and Kern Counties
- Acquired City of Reno Permit for N101
- Resolved 2 private ROW issues
- Acquired Southern California Edison Penstock License Agreement
- Acquired NDOT Permits for N106, N108, N109A, N107, N111, N112, and N113
- Acquired CalTrans Permits for S104B, I108, I109, I115, I116 M112 (bore under LA Department of Water and Power tunnel)
- Acquired Douglas County Permits for N109B and N110
- Acquired Carson City permits for N105, N106 and N107
- Acquired Bureau of Indian Affairs approval for the Pinenut Allotments (N112 & N113)
- Tribal Agreements
- Acquired Grant of Easement for the Washoe Tribal lands: N109A – Silverado Parcel and N111 – Washoe Ranch

Construction:

- Placed additional 134 miles of backbone conduit or 23% for a cumulative total to 302 miles
- Placed additional 88 miles of fiber cable or 15% for a cumulative total to 197 miles
- Placed 181 barrel vaults
- Completed 8 additional conduit segments
- Completed site construction and placement of 2 additional node shelters
- Completed City of Ridgecrest buried distribution conduit placement

Contract Administration:

- Awarded Distribution Contracts in the City of Ridgecrest, Mammoth and Bishop
- Closed off contract for Mono County and re-awarded incomplete contract to new vendors.

**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	58	Variance 40% - Due to late permitting and heavy winter.
2b.	Environmental Assessment	99	Variance 1% - Due to requirement by Inyo National Forest to resurvey two segments (approximately 8 miles)
2c.	Network Design	99	No Variance
2d.	Rights of Way	100	No Variance - All rights-of-way completed
2e.	Construction Permits and Other Approvals	99	Variance of 1% - Due to six segments waiting for Caltrans Encroachment permits and the two segment approvals on Inyo National Forest Land.
2f.	Site Preparation	100	No Variance - All completed
2g.	Equipment Procurement	98	Ahead by 1% - Waiting on last requirements as construction enters final phase to avoid excess inventory.
2h.	Network Build (all components - owned, leased, IRU, etc)	52	Variance of 48% - Due to late Programmatic Agreement approvals (permitting), Nevada Department of Transportation special requirements and heavy winter. A total of 302 trench miles have completed.
2i.	Equipment Deployment	90	Variance of 9% - Due to two nodes not deployed

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2j.	Network Testing	50	Variance of 35% - Due inability to complete end-to-end testing between nodes as a result of winter conditions and environmentally sensitive areas that still require boring.
2k.	Other (please specify):	0	NA

**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 principle challenges this project has is the resolution of environmental issues in the Inyo National Forest, changing requirements imposed by Federal and State agencies, and approval of route changes in the backbone and distribution plant. Restraints on this project continue to be administrative oversight by agencies and conflicting compliance obligations, and not technical or physical implementation. The BTOP program team is aware of these issues and has been very helpful in getting them resolved.

**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	197	Variance of 356 miles to target of 553 miles. The variance is due to limitations on conduit construction related to weather, environmental permits, and encroachment approvals from the Department of Transportation in Nevada and California.
New network miles leased	0	NA
Existing network miles upgraded	0	NA
Existing network miles leased	0	Variance of 30 from target of 30 miles due to network design changes that eliminate the original need for 30 miles of fiber leasing.
Number of miles of new fiber (aerial or underground)	197	Variance of 356 miles to target of 553 miles. The variance is due to limitations on conduit construction related to weather, environmental permits, and encroachment approvals from the Department of Transportation in Nevada and California. This network consists of all new fiber miles.
Number of new wireless links	0	NA
Number of new towers	0	Variance of 15 towers. We have removed all new towers planned due to stakeholders concerns during the Environmental Assessment
Number of new and/or upgraded interconnection points	2	Variance of 66, since interconnections have been made at network end-point in Reno to Plumas Sierra and Level 3

**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	11
Average term of signed agreements (in quarters)	80

**5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:**  
 ZAYO Group, LLC. - Purchased wholesale middle mile dark fiber between Reno and Barstow.  
 Suddenlink - Signed agreement for dark fiber

Level 3 - Signed Interconnection Agreement for collocation and peering for Barstow and Reno  
 AT&T Nevada - Signed interconnection agreement for NV  
 Verizon California - Signed interconnection agreement for California

**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:**  
 Presently wholesale services are not being provided.

**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).**  
 Praxis Associates is presently designated as the vendor who will operate entire network its upon completion. This party is a sub-recipient of the BTOP award and will operate as a contractor when operating the network.  
 Michael Ort - Chief Executive Officer  
 1101 Nimitz Avenue  
 Vallejo, CA 94592-1014  
 Phone (510) 599-4062

**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	3	Ahead by 1 - Laterals and anchor connections not complete. End point interconnections have not completed. No operational bandwidth is in service.
	Providers with signed agreements receiving improved access	0	Variance of 2 - Laterals and anchor connections not complete. End point interconnections have not completed. No operational bandwidth is in service.
	Providers with signed agreements receiving access to dark fiber	2	Ahead by 1 - Laterals and anchor connections not complete. End point interconnections have not completed. No operational bandwidth is in service.
	Please identify the speed tiers that are available and the number of subscribers for each	0	No services are currently being offered.
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	Variance of 237 - Laterals and anchor connections not complete. End point interconnections have not completed. No operational bandwidth is in service.
	Subscribers receiving new access	0	Variance of 55 - Laterals and anchor connections not complete. End point interconnections have not completed. No operational bandwidth is in service.
	Subscribers receiving improved access	0	Variance of 146 - Laterals and anchor connections not complete. End point interconnections have not completed. No operational bandwidth is in service.
	Please identify the speed tiers that are available and the number or subscribers for each	0	No services are currently being offered
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

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	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).**

Active Ethernet, dark fiber, 10Gbps and wavelength.

**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	NONE	NONE	NONE	NONE

**Project Indicators (Next Quarter)**

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

The project will complete all underground construction of the backbone network (except perhaps in several segments of the Inyo National Forest). All conduit and cabling will be completed in the major communities of Ridgecrest, Mammoth Lakes, and Bishop. Anchor and points of interconnections will be completed in these communities and at incidental locations along the backbone. All Nodes will be powered and will have electronics installed. Areas that will be the greatest challenge to complete are associated with approximately 30 route changes to anchors, portions of the distribution plan. We expect the remaining route changes to the backbone will be approved by the BTOP program over the next 30 days. We expect to have an additional 100 miles of fiber cable places, 75 anchors connected and 2 additional broadband wholesaler/last mile provider agreements signed

**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	83	The variance of 17% is due to delays in permits and winter weather impacts in areas where permitting was allowed, largely Mono County.
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

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2f.	Site Preparation	100	No Variance
2g.	Equipment Procurement	100	No Variance
2h.	Network Build (all components - owned, leased, IRU, etc.)	75	Variance of 25% under run due to final construction of anchors, Points of interconnection, and potential areas where Route Changes are still being approved.
2i.	Equipment Deployment	100	No Variance
2j.	Network Testing	85	Variance to of 15% to 100% target due to having sub-system testing completed only. End-to-end network, Operational Support Systems integration testing and testing of uncompleted anchor connections will continue into the following quarter.
2k.	Other (please specify):	0	NA

**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).**

Challenges for the next quarter will be completion of Route Change approvals, resolving environmental concerns of the Inyo National Forest, and obtaining Rights-of-Way approvals from the Los Angeles Department of Water and Power, the Inyo National Forest and the Bureau of Land Management. Additional concerns involve cash flow issues resulting from the structure of the California Advanced Services Funds reimbursement model and turn around time related to matching funds. Budgetary uncertainty due to agency requirements and permit fees will present challenges in managing project cash flow.

