

<b>U.S. Department of Commerce</b>		<b>2. Award or Grant Number 08-10-S13008</b>	
<b>Performance Progress Report</b>		<b>4. EIN 840644741</b>	
<b>1. Recipient Name Colorado Department of Public Safety</b>		<b>6. Report Date: 02/12/2015</b>	
<b>3. Street Address 9195 East Mineral Avenue, Suite 200</b>		<b>7. Reporting Period End Date: 12/31/2014</b>	
<b>5. City, State, Zip Code: Centennial, CO 80112</b>		<b>8. Final Report</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>9. Report Frequency</b> <input checked="" type="checkbox"/> Quarterly
<b>10a. Project/Grant Period</b> Start Date: (07/01/2013)	<b>10b. End Date: (06/30/2016)</b>		

**11. List the individual projects in your approved Project Plan**

	Project Type (Capacity Building, SCIP Update, Outreach, Training etc.)	Project Deliverable Quantity (Number & Indicator Description)	Total Federal Funding Amount	Total Federal Funding Amount expended at the end of this reporting period	Percent of Total Federal Funding Amount expended
1	Stakeholder Meetings	30 Meetings / 620 Attendees			
2	Broadband Conferences	4			
3	Staff Hires	0			
4	Contract Executions	0			
5	Governance Body meetings	1 Meetings / 9 Attendees – due to scheduling conflicts and the holidays, the FirstNet Colorado Governance Body only met in October 2014. There were no meetings in November or December 2014 – however updates were provided to the Body as needed via email.			
6	Education and Outreach Materials	<ul style="list-style-type: none"> <li>• 30 presentations /2 newsletters/Official Launch of the FirstNet Colorado Twitter site @FirstNetCO.</li> <li>• Website hits: 1,353 sessions, 745 users, 4,686 page views since Analytics were activated on 7/29/2014</li> <li>• October 2014 Newsletter: 1,195 successful deliveries, 534 unique opens (1,137 total opens by same users), 2 unsubscribed</li> <li>• November 2014 Newsletter:</li> </ul>			

		1,440 successful deliveries, 630 unique opens (1,826 total opens by same users), 1 unsubscribed			
7	MOU/Legal Committee Meetings	0			
8	Phase II Activities	N/A			

**11a. Describe your progress meeting each major activity/milestone approved in the Baseline Report for this project; any challenges or obstacles encountered and mitigation strategies you have employed; planned major activities for the next quarter; and any additional project milestones or information.**

- 1.) October 2014 FirstNet Colorado Governing Board (FNCGB) meeting (9 total attendees/ 1 meeting) was held with the Colorado members in person and via Web/conference Bridge. Due to scheduling conflicts and the holidays, the FirstNet Colorado Governance Body only met in October 2014. There were no meetings in November or December 2014; however, programmatic updates were provided to the Body as needed via email.
  - a. The Colorado Department of Public Health and Environment (CDPHE) was given a seat on the FirstNet Colorado Governing Body in October 2014. Lyle Moore, the Director of the Office of Emergency Preparedness and Response at CDPHE, represents them.
  - b. The Southern Ute Indian Tribe appointed Kathi Gurule, its Risk and Emergency Manager, to the FirstNet Colorado Governing Body in November 2014.
  
- 2.) The Staff, SPOC and/or FirstNet Colorado Governing Body members presented/participated at the following meetings during the quarter: Garfield, Clear Creek, Mesa, Pueblo, Dolores, Grand, Morgan, Delta (twice), Cheyenne, Fremont, Chaffee, Archuleta, Arapahoe, and Huerfano Counties. In addition, outreach occurred with the Colorado Bureau of Investigation (CBI), the CO APCO/NENA conference (see below), the Colorado State Fire Chiefs Conference (3 presentations), the Emergency Management Summit, the South and San Luis Valley Communications Committee, the Southern Ute Indian Tribe, the Colorado Division of Fire Prevention and Control (twice), the Colorado Department of Transportation (CDOT), the 911 Goes to Denver event (see below), the Colorado National Guard (CONG), and Colorado Springs Fire Department. They also co-presented with national FirstNet staff at 2 events (Colorado Association of Public-Safety Communications Officials/National Emergency Numbers Association (APCO/NENA) Conference in October 2014 and 911 Goes to Denver in December 2014). They arranged for national FirstNet staff to spend 2 hours with ADCOM 911 staff to discuss FirstNet support of the ADCOM Broadband Technologies Opportunities Program (BTOP) project, in conjunction with the CO APCO/NENA Conference presentation. Based on Colorado's suggestion, FirstNet will now provide BTOP project updates during its quarterly SPOC calls.

**Since the start of SLIGP, outreach efforts have reached the following stakeholders:**

- 36 of 64 counties contacted, representing 56% of all Colorado counties.
- 6 State Agencies
- 9 All Hazards/Homeland Security Regions
- 5 Government/Trade/Disciplinary Organizations (at multiple regional meetings)
- 1 911 Authority Board
- 1 Tribe

- 3.) The SPOC attended and spoke at the LTE North America conference (Dallas, TX) in November 2014. Staff also attended the "5 W's of Planning Broadband Exercises" held concurrently with the Disaster City Winter Institute (Texas A&M – College Station, TX) in October 2014, the APCO Emerging Technologies Conference (San Francisco, CA) in November 2014 and the National Public Safety Telecommunications Council (NPSTC) Public Safety Stakeholder Meeting (San Antonio, TX) in November 2014.

- 4.) The SPOC and Staff participated in each quarterly FirstNet SPOC call, each monthly FirstNet Region VIII call, the WestNet bi-weekly call and attended the FirstNet Board Meetings via web session. Staff provides monthly programmatic updates (in person whenever possible) to all of the major Land Mobile Radio and Public Safety Communications stakeholder groups (e.g., Consolidated Communications Network of Colorado (CCNC), Rocky Mountain Harris Users Group, Public Safety Communications Subcommittee (PSCS), and All Hazards Region/Homeland Security Coordinators Meeting).
- 5.) Staff met with Elektrobit, by phone for 1 hour, to learn more about the technology and their BC 14 devices in preparation for the pilot during the World Alpine Ski Championships in Feb 2015 (see #9 for more details).
- 6.) Internally, Staff efforts for the quarter included working on the following: FirstNet Colorado branding, marketing, website ([www.firstnetcolorado.org](http://www.firstnetcolorado.org)), outreach planning, and newsletter publications. Q4 Stats:
  - Website hits: 1,353 sessions, 745 users, 4,686 page views since Analytics were activated on 7/29/2014
  - [October 2014](#) Newsletter: 1,195 successful deliveries, 534 unique opens (1,137 total opens by same users), 2 unsubscribed
  - [November 2014](#) Newsletter: 1,440 successful deliveries, 630 unique opens (1,826 total opens by same users), 1 unsubscribed
  - December Newsletter delivery occurred in early January 2015.
- 7.) FirstNet Colorado and OIT staff collaborated on one article with the EMSAC Star – [“FirstNet: High-Speed Broadband Dedicated to Emergency Responders”](#)
- 8.) The SPOC and Staff published an RFP (with input from the FNCGB, DHSEM and NTIA) to hire a consultant to model PSBN coverage using known assets on 10/1/14. This will allow Colorado to begin preliminary coverage requirements discussions with stakeholders (per county and Tribe) in anticipation of the formal consultation process. The RFP closed on 11/3/14 and the balance of the quarter was spent evaluating the responses. The evaluation committee included the SPOC, 3 FNCGB members, 1 rural stakeholder, 1 urban stakeholder, and 1 SLIGP Staff member. The final selection and contracting will occur in early 2015; it is anticipated the project will begin during Q1 2015.
- 9.) The State of Colorado was granted a Special Temporary Authorization (STA) (from 1/17/15 – 2/17/15) to operate a Band Class 14 Demonstration Network during the 2015 FIS Alpine World Ski Championships in Vail and Beaver Creek, CO; the Championships run from 2/2/15 – 2/15/15. This network will include four of the sites used on the 29 site Distributed Antenna System (or DAS) recently constructed by Crown Castle, Inc. in the Town of Vail. There will also be a deployable Cell on Wheels (COW) at the base of Beaver Creek race site, networked back to the Event Command Post. General Dynamics C4 Systems will provide all BC14 Core and Radio Access Network equipment.

To access the infrastructure, responder vehicles will be equipped with CalAmp modems, capable of providing WiFi hotspots as well as ruggedized band class 14 smart phones provided by Sonim Technologies. These devices will allow first responders to experience applications made available by a dedicated network such as situational awareness and field-based video. Additionally, some fixed video cameras will use the demonstration network to compare speeds with those traversing commercial networks. OIT received approval for technical assistance from OEC to support assessment of the use of BC14 devices and applications by responders (as compared to the commercial networks) during the Championships – the outcome will be a white paper to be shared with all states as a best practice for public/private partnerships and deployment of a BC14 demonstration network.
- 10.) DHSEM and OIT grant staff participated in a Monitoring Visit with SLIGP NTIA staff on 10/23/14. The meeting resulted in suggested modifications to the original grant, which will be submitted to NTIA for approval in January 2015.
- 11.) Colorado scheduled its Initial Consultation meeting with FirstNet for Wednesday, 1/14/15 in Denver, CO. More information will be provided in the next quarterly report.

**11b. If the project team anticipates requesting any changes to the approved Baseline Report in the next quarter, describe those below. Note that any substantive changes to the Baseline Report must be approved by the Department of Commerce before implementation.**  
 See 11a. #10 – DHSEM and OIT will work with NTIA to complete a budget modification based on the results of NTIA’s SLIGP Monitoring visit on 10/23/14.

**11c. Provide any other information that would be useful to NTIA as it assesses this project’s progress.**  
 As mentioned previously, the Southern Ute Indian Tribe representative was appointed to the FNCGB – Kathi Gurule, the Tribe Risk and Emergency Manager. Ms. Gurule will participate in all related FirstNet Colorado governance activities going forward.

**11d. Describe any success stories or best practices you have identified. Please be as specific as possible.**  
 Colorado believes its RFP (and subsequent contract) for Public Safety Broadband Coverage Modeling services may be the first of its kind undertaken by any of the states. Using between 7,000 – 10,000 known “assets” (e.g. towers or Community Anchor Institutions (CAIs) gathered through non-SLIGP related broadband planning efforts), Colorado will work with a consultant to model coverage for each of its 64 counties and 2 tribes, and use CAD incident, crime, critical infrastructure, planned event and other data as a means of validating the modeled coverage. Colorado will use this data to inform the specific coverage modeling objectives and requirements conversations that must occur with its stakeholders in order to ensure the eventual proposed FirstNet coverage will meet Colorado’s unique needs. Colorado structured its procurement to be able to add Phase II related Task Orders as needed with the selected vendor. Colorado believes this will ensure time is not lost in order to procure assistance with Phase II related activities. Additionally, Colorado is excited to partner with local, state and federal government partners, and the private sector to have the BC14 Demo Network in Vail, in February 2015. More information will follow in the next quarterly report.

**12. Personnel**

**12a. If the project is not fully staffed, describe how any lack of staffing may impact the project’s time line and when the project will be fully staffed.**  
 The current Grant Analyst from DHSEM will be leaving employment with the State in mid-January. A new Grant Analyst has been assigned to manage SLIGP. To allow a seamless handover, the transition has already begun on the project.

**12b. Staffing Table**

Job Title	FTE %	Project(s) Assigned	Change
Broadband Coordinator	0.5	Provide oversight of all SLIGP project activities	Title and level of effort will be changed following budget modification to reflect actual.
Outreach Coordinator	1.0	Provide support for SLIGP outreach activities	Title will be updated to reflect actual following the budget modification.
Grant Program Manager	0.2	Provide support for grant management and reporting requirements	None
Grant Analyst	0.2	Provide support for grant management and reporting requirements	None
Grant Accountant	0.2	Provide support for budget management and reporting requirements	None
Administrative Support	1.0	Provide administrative support for grant management, governance meetings, and outreach activities	This position will be removed with the budget modification.

**13. Subcontracts (Vendors and/or Subrecipients)**

**13a. Subcontracts Table – Include all subcontractors. The totals from this table must equal the “Subcontracts Total” in Question 14f.**

Name	Subcontract Purpose	Type (Vendor/Subrec.)	RFP/RFQ Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Total Federal Funds Allocated	Total Matching Funds Allocated	Project and % Assigned
TBD	Subcontracts: Technical Support- MOUs,Data Modeling	Vendor	Y	N	1Q15	TBD	\$266,800	\$66,700	N/A
TBD	Phase II Support	Vendor	N	N	TBD	TBD	\$1,074,178	\$268,544	N/A

**13b. Describe any challenges encountered with vendors and/or subrecipients.**

N/A

**14. Budget Worksheet**

Columns 2, 3 and 4 must match your current project budget for the entire award, which is the SF-424A on file.  
 Only list matching funds that the Department of Commerce has already approved.

Project Budget Element (1)	Federal Funds Awarded (2)	Approved Matching Funds (3)	Total Budget (4)	Federal Funds Expended (5)	Approved Matching Funds Expended (6)	Total Funds Expended (7)
a. Personnel Salaries	\$504,338	\$126,085	\$630,423	\$160,578.44	\$0.00	\$160,578.44
b. Personnel Fringe Benefits	\$126,085	\$31,521	\$157,606	\$44,089.37	\$0.00	\$44,089.37
c. Travel	\$304,064	\$76,016	\$380,080	31,289.32	\$0.00	31,289.32
d. Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
e. Materials/Supplies	\$91,444	\$22,861	\$114,305	\$8,212.63	\$1652.24	\$9,864.87
f. Subcontracts Total	\$266,800	\$66,700	\$333,500	\$0.00	\$0.00	\$0.00
g. Other (not including Phase II funds)	\$134,080	\$33,520	\$167,600	\$0.00	\$53,557.47	\$53,557.47
Other – Phase II Funds	\$1,074,178	\$268,544	1,342,722	\$0.00	\$0.00	\$0.00
h. Total Costs	\$2,500,989	\$625,247	\$3,126,236	\$244,169.76	55,209.71	\$299,379.47
i. % of Total	80%	20%	100%	82%	18%	100%

**15. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purpose(s) set forth in the award documents.**

<b>16a. Typed or printed name and title of Authorized Certifying Official</b>	<b>16c. Telephone (area code, number, and extension)</b> 720-852-6607
Ezzie Michaels Grants Administration Program Manager	<b>16d. Email Address</b> ezzie.michaels@state.co.us
<b>16b. Signature of Authorized Certifying Official</b> 	<b>16e. Date Report Submitted (month, day, year)</b> 02/12/2015

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a currently valid OMB control number. Public reporting burden for this collection of information is estimated to average 10 hours per response for the application process, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Michael Dame, Director, State and Local Implementation Grant Program, Office of Public Safety Communications, National Telecommunications and Information Administration, U.S. Department of Commerce (DOC), 1401 Constitution Avenue, N.W., HCHB, Room 7324, Washington, D.C. 20230.