SLIGP 2.0 Grant Closeout Report					**2. Award or Grant Number:**	08-10-S18008
					4. EIN:	84-0644739
1. Recipient Name	Colorado Department of Public Safety				**6. Report Date (MM/DD/YYYY)**	06/25/2021
3. Street Address	9195 East Mineral Avenue, Suite 200 (Main Office) 8000 South Chester Street, Suite 575 (Mailing Address-Office of Grants Management)				**7. Reporting Period End Date: (MM/DD/YYYY)**	03/31/2021
5. City, State, Zip Code	Centennial, CO 80112				**8. Final Report** Yes ☑ No ☐	
9. Project/Grant Period						
9a. Start Date: (MM/DD/YYYY)	03/01/2018	**9b. End Date: (MM/DD/YYYY)**	03/31/2021	**10. Reserved for Reviewer**		
11. Program Activities						
11a. Identify the activities you performed during SLIGP2.0 grant period of performance						

	Activity Type (Planning, Governance Meetings, etc.)	Was this Activity Performed during the grant period? (Yes/No)	Total Project Deliverable Quantity (Number)	Description of Activity Deliverable Quantity		
1	Governance Meetings	Yes	19	*Cumulative number of governance, subcommittee, or working group meetings related to the NPSBN held during the grant period*		
2	Individuals Sent to Broadband Conferences	Yes	21	*Cumulative number of individuals sent to national or regional third-party conferences with a focus or training track related to the NPSBN using SLIGP 2.0 grant funds during the grant period*		
3	Convened Stakeholder Events	No	0	*Cumulative number of events coordinated or held using SLIGP 2.0 grant funds during the grant period, as requested by FirstNet.*		
4	Staff Hired (Full-Time Equivalent)(FTE)	Yes	1.37	*Cumulative number of state/territory personnel FTEs who began supporting SLIGP 2.0 activities during the grant period (may be a decimal).*		
5	Contracts Executed	Yes	3	*Cumulative number of contracts executed during the grant period.*		
6	Subrecipient Agreements Executed	No	0	*Cumulative number of agreements executed during the grant period.*		
7	Data Sharing Policies/Agreements Developed	Yes		*Yes or No if data sharing policies and/or agreements were developed during the grant period.*		
8	Further Identification of Potential Public Safety Users	No		*Yes or No if further identification of potential public safety users occurred during the grant period.*		
9	Plans for Emergency Communications Technology Transitions	No		*Yes or No if plans for future emergency communications technology transitions occurred during the grant period.*		
10	Identified and Planned to Transition PS Apps & Databases	No		*Yes or No if public safety applications or databases within the State or territory were identified and transition plans were developed during the grant period*		
11	Identify Ongoing Coverage Gaps	Yes		*Yes or No if participated in identifying ongoing coverage gaps using SLIGP 2.0 funds during the grant period.*		
12	Data Collection Activities	No		*Yes or No if participated in data collection activities as requested by FirstNet*		

11b. Please provide a description of each activity reported in response to Question 11; any challenges or obstacles encountered and mitigation strategies you employed; and any additional project milestones or information.

1. Governance Meetings: The Colorado Public Safety Broadband Governing Body
May 2018 discuss the approach to the SLIGP 2.0 funded projects.
August 2018 update on the SLIGP 2.0 funded projects and the possibility of bringing public safety broadband governance under the purview of the Public Safety Communications Subcommittee eventually.
October 2018 discuss with FirstNet and AT&T the concerns state in the FCC filing of July 2018 regarding interoperability between networks (attended by governing board members & local stakeholders).
November 2018 update on the SLIGP 2.0 funded projects and the possibility of bringing public safety broadband governance under the purview of the Public Safety Communications Subcommittee eventually.
February 2019 update on the SLIGP 2.0 funded projects and the possibility of bringing public safety broadband governance under the purview of the Public Safety Communications Subcommittee eventually. The body put a motion to vote and has decided to sunset the board as of March 5th, 2019.
Q7: participation in a bi-annual operational review from AT&T and FirstNet to the Public Safety Communications Subcommittee (PSCS). The presentation included stakeholders from all across the state of Colorado including Coverage Gap Analysis participants. The CBO also participated in two additional governance meetings with PSCS and several updates with the Consolidated Communications Network of Colorado (CCNC), and the Homeland Security Advisory Council (HSAC) per request.
Q8: The Outreach and Education Manager working with Tracey Murdock at FirstNet to set up another bi-annual operational review for stakeholders and the PSCS in Q1 or Q2 2020. The Outreach and Education Manager is also working with Tracey Murdock and Kim Coleman-Madsen to schedule a couple of tours of the Innovation Center in Boulder for interested stakeholders. The Outreach and Education manager continues to attend and update the Public Safety Communications Subcommittee once a month. The Public Safety Communications Subcommittee is the group that is acting as the governing body for the Colorado Broadband Office in regards to the National Public Safety Broadband Network.
Q9: The CBO held three governance stakeholder meetings with the Public Safety Communications Subcommittee in this quarter.
All other activities and meetings planned for 2020 have been cancelled due to the COVID-19 pandemic crisis.

2. Conferences:
Mountain Connect Broadband Conference June 2018: Three CBO employees & 7 local stakeholders for various public safety broadband related sessions.
The Colorado Broadband Office (CBO) Chief Operating Officer (COO) and the Project Manager attended the APCO national conference in Orlando 2018.
The Outreach and Education Manager went to IWCE in Las Vegas 2019.
The Outreach and Education Manager and the Project Manager attended the Mountain Connect conference in June 2019.
Project Manager went to the Public Safety Communications Subcommittee Radio Summit in May 2019.
John Gavan (Commissioner from the Public Utilities Commission), Daryl Branson from the Public Utilities Commission, and Jeffrey Irvin from the Jefferson County Emergency Communication Authority, along with the Project Manager and Outreach and Education Manager attended the Mountain Connect Broadband Conference in June 2019. The CBO also sent the SPOC, and the Outreach and Education Manager to an additional class offered at the Mountain Connect for the newest trends in Broadband and how it will affect Public Safety in the future.

3. Stakeholder events:
None.

4. Staff Hired:
Third Quarter: Anthony Neal-Graves, the Executive Director of the Colorado Broadband Office will be designated as the SPOC.
Q4: DHSEM Grant Manager took a new position; DHSEM Grant Specialist made Acting-Manager and performing both roles of Manager & Specialist for the grant.
Q6: GOIT Broadband Implementation Mgr leaves GOIT for FirstNet (Kim Coleman-Madsen); Sarah Smith assuming responsibilities for the grant.
Q7: DHSEM Acting Manager & Specialist for the SLIGP 2.0 grant promoted to DHSEM Grants & Agreements Manager August 2019. Will not replace the Grant Specialist position due to the grant period of performance ending in the coming months, and staff shortage in the Division.

5. Contracts:
Second quarter: the team met with one vendor to understand their offering in support of coverage gaps assessment; no technology solution has been selected yet. Developing an approach to report during the third quarter.
Wrote and published 3 documented quotes (DQ) to assist with coverage assessment. The first DQ was for a vendor to provide a handheld/smartphone Band 14 capable device(s) equipped with an application to assess the AT&T network in areas where gaps in coverage are a concern. The second DQ was for a vendor to provide an in-vehicle router Band 14 capable device(s) equipped with an application to assess the AT&T network in areas where gaps in coverage area concern. The third DQ was for a consultant to assist the CBO team in aggregating and analyzing the previously mentioned data, as well as data on AT&T network performance which is gathered by other state agencies with their existing equipment.
Q9: CBO has completed the work associated with the procurement process through GOIT for the crowd-sourced AT&T data.

Please see attached page for further detailed information under this section.

11c. Did you perform activities during the last quarter of the grant that haven't been reported previously (i.e., new programmatic activities, staffing changes)? If so, please describe.

No. All activities under this grant program were performed and reported in previously submitted reports. All activities for the grant ended on December 31, 2020 by GOIT. DHSEM conducted reporting coordination and final reimbursement to GOIT only.

11d. Please share any lessons learned or best practices that your organization implemented during your SLIGP 2.0 project.

There were none to report.

Both State Agencies worked collaboratively under this grant program, and fostered relationships that may not have connected us before. Both agencies followed up to the SLIGP 1.0 grant as best as possible, through changing directions and initiatives, and administrations, and learned that complex project programs need highly focused, detailed, and experienced individuals to not only handle the project stages, but also to relay information to those without the full picture. Both agencies in the State of Colorado are grateful to the support and assistance provided by our Program Manager: Mike Dame.

There is still more ground to cover, and more improvements to make, but like all grant programs, the restrictions of allowable activities made finishing off this grant a little difficult. And the final year consuming the world in a pandemic crisis did not aid in the process either.

12. Personnel

12a. Staffing Table - Please include all staff that contributed time to the project with utilization. Please only include government staff employed by the state/territory NOT contractors.

Job Title	FTE%	Project (s) Assigned
DHSEM Grant Manager	15%	Grant Manager responsible for reporting activities and overall management of the grant. Assumed Grant Specialist duties December 2018.
DHSEM Grant Specialist	15%	Grant Specialist supporting the responsibilities of grant management and compliance between State Agencies and Program and Fiscal.
GOIT Grant Accountant	20%	Grant Accounting responsibilities of the grant.
GOIT Outreach & Education Mgr	30%	Grant support of allowable activities in daily interaction with stakeholders.
GOIT Project Mgr	33%	Grant support of allowable activities of logistical efforts and data.
GOIT Broadband Implementation Mgr	24%	Grant support of allowable activities with the SPOC and Statewide governing body

13. Contractual (Contract and/or Subrecipients)

13a. Contractual Table – Include all contractors. The totals from this table should equal the "Contractual" in Question 14f.

Name	Subcontract Purpose	Type (Contract/Subrec.)	RFP/RFQ Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Total Federal Funds Allocated	Total Matching Funds Allocated
Signals Analytics (Professional Services)	Coverage gap data collection	Contract	Y	Y	10/15/2018	3/31/2019	22,200.00	-
Solutelia (Handheld Solution)	Coverage gap data collection	Contract	Y	Y	10/16/2018	12/31/2019	43,270.12	-
Wiresless Advanced Communications (Mobile Solution)	Coverage gap data collection	Contract	Y	Y	11/1/2018	12/31/2019	31,353.20	-
DQ for third-party AT&T crowd-sourced data	Coverage gap data collection	Contract	Y	Y	1/1/2020	12/31/2020	50,000.00	-
Total Funds Allocated to Contracts							$146,823.32	$0.00

14. Budget Worksheet

Columns 2, 3 and 4 must match your project budget for the entire award and your final SF 424A. Columns 5, 6, and 7 should list your final budget figures, cumulative through the last quarter

Project Budget Element (1)	Federal Funds Awarded (2)	Approved Matching Funds (3)	Total Budget (4)	Final Federal Funds Expended (5)	Final Approved Matching Funds Expended (6)	Final Total Funds Expended (7)
a. Personnel Salaries	$72,802.00	$133,650.00	$206,452.00	$71,312.40	$61,334.54	$132,646.94
b. Personnel Fringe Benefits	$24,024.00	$41,350.00	$65,374.00	$21,664.15	$20,240.30	$41,904.45
c. Travel	$47,548.00	$0.00	$47,548.00	$25,283.26	$0.00	$25,283.26
d. Equipment	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
e. Materials/Supplies	$14,000.00	$0.00	$14,000.00	$2,109.26	$0.00	$2,109.26
f. Contractual	$447,626.00	$0.00	$447,626.00	$146,823.32	$0.00	$146,823.32
g. Other	$94,000.00	$0.00	$94,000.00	$3,125.09	$0.00	$3,125.09
h. Indirect	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
i. Total Costs	$700,000.00	$175,000.00	$875,000.00	$270,317.48	$81,574.84	$351,892.32
j. Proportionality Percent	80%	20%	100%	77%	23%	100%

15. Additional Questions: Read each statement below. Rate your level of agreement or disagreement with each statement and answer follow-up questions to provide additional information.

Statement	Agree/Disagree	Additional Questions	Response
15a. SLIGP 2.0 funds were helpful in planning for the integration with the NPSBN.	4-Agree	What was most helpful? What challenges did you encounter?	It was helpful to have funds to allow the public safety community to do some testing to find the areas they were most concerned about.
15b. I plan to continue any SLIGP 2.0 program activities beyond the SLIGP 2.0 period of performance.	2-Disagree	What do you plan to accomplish after the period of performance?	The State of Colorado continues to work with public safety, First Responder Network Authority, and FirstNet powered by AT&T.
15c. SLIGP 2.0 funds were helpful in informing my stakeholders about FirstNet.	4-Agree	What was most helpful? What challenges did you encounter?	Quarterly conference calls between all three agencies working this project. This alignment on a quarterly basis provided a collaboration platform with feedback and suggestions based on the content of the meeting. The structure of those quarterly meetings remaining consistent meant less surprises, and more prepared information sharing. Additionally helpful is the availability of the NTIA program manager to answer questions when we did encounter issues or uncertainties during the project. Challenges: the constraints for which the program would reimburse limited the scope Colorado could execute; in combination with a change in CO's Office of Information Technology (OIT) administration and Governor, and the focus of priorities for the OIT office changing just prior to the grant ending. Not to mention losing an OIT employee to FirstNet directly, but we are relieved she is still involved in the project! DHSEM also experienced changes in FTEs which delayed some responses or reporting accuracy prior to submission.

Statement	Agree/Disagree	Additional Questions	Response
15d. SLIGP 2.0 funds were helpful in maintaining a governance structure for broadband in my state/territory.	2-Disagree	What was most helpful? What challenges did you encounter?	We disbanded our governing body at the end of SLIGP 1.0
15e. SLIGP 2.0 funds provided resources that were helpful in preparing for FirstNet planning activities in my state/territory (e.g. staffing, attending broadband conferences, participating in training, procuring contract support etc.).	4-Agree	What was most helpful? What challenges did you encounter?	The funds did allow for members of our team and of the public safety community to attend a few conferences that were useful.
15f. Overall, SLIGP 2.0 funds were helpful in preparing for FirstNet.	4-Agree	What was most helpful? What challenges did you encounter?	Overall, the SLIGP 2.0 funds followed up from SLIGP 1.0 efforts and further supported the understanding of the communications limitations throughout the State, and the topical challenges to coverage due to the vast differences of terrain in the State. We've learned how to better focus communicational efforts to support first responders during events, and work towards closing the capability gaps identified. Thank you for the opportunity to enhance the communication network, and the platform under which to build communications.

16. 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.

16a. Typed or printed name and title of Authorized Certifying Official:

Larisa Cannon, DHSEM Grants & Agreements Manager

16b. Signature of Authorized Certifying Official:

16c. Telephone:	(303) 239-4183
16d. Email Address:	Larisa.Cannon@state.co.us
16e. Date:	07.30.2021