U.S. DEPARTMENT OF COMMERCE	2. Award Or Grant Number
	02-50-M09071
Performance Progress Report	4. Report Date (MM/DD/YYYY)
	10-12-2011

1. Recipient Name	6. Designated Entity On Behalf Of:
Connected Nation, Inc.- Alaska	The State of Alaska

3. Street Address	8. Final Report?	9. Report Frequency
1020 College Street,	◯ Yes	◉ Quarterly
5. City, State, Zip Code	◉ No	◯ Semi Annual
Bowling Green, KY 42102-3448		◯ Annual
		◯ Final

7. Project / Grant Period Start Date: (MM/DD/YYYY)	7a. End Date: (MM/DD/YYYY)	7b. Reporting Period End Date:	9a. If Other, please describe:
06-01-2010	05-31-2015	09-30-2011	N/A

10. Broadband Mapping   10a. Provider Table

Number of Providers Identified	Number of Providers Contacted	Number of Agreements Reached for Data Sharing	Number of Partial Data Sets Received	Number of Complete Data Sets	Number of Data Sets Verified
0	0	0	0	0	0

10b. Are you submitting the required PROVIDER DATA by using the Excel spreadsheet provided by the SBDD grants office? ◯ Yes ◉ No

10c. Have you encountered challenges with any providers that indicate they may refuse to participate in this project? ◯ Yes ◉ No

10d. If so, describe the discussions to date with each of these providers and the current status

The project team did not encounter any challenges with refusing providers this quarter.

10e. If you are collecting data through other means (e.g. data extraction, extrapolation, etc), please describe your progress to date and the relevant activities to be undertaken in the future

No data has been collected via extraction or extrapolation.

10f. Please describe the verification activities you plan to implement

ESRI has deployed and is hosting the BroadbandStat (BBStat) web application. ESRI houses the customized application in their highly available, monitored, and managed environment. Their services include maintaining a staging environment for data verification and compatibility as well as a production environment for client access.

Consumer feedback in the form of broadband inquiries is also collected. These inquiries represent any type of communications received from the public regarding broadband service. Once broadband inquiries are received across the state, this information is overlaid with the broadband availability information which was collected through the State Broadband Initiative (SBI). This allows for a real-world comparison of the broadband landscape to the information received from broadband inquiries. Broadband inquiries are able to provide three types of information: 1) residents who do not have broadband but want it; 2) residents who have broadband but want a different provider; and 3) residents who do not have broadband, but the broadband inventory maps indicate that they do. If residents within a region state that they are without broadband, but the broadband inventory maps show otherwise, this allows Connected Nation to approach the providers within that area in an effort to trim down their coverage to more accurately represent real-world availability on the ground.

Within the Q2 2011 Performance Progress Report (PPR) Connected Nation proposed to target 1 additional company in order to achieve a field validation rate equal to or exceeding 68.18% before December 31, 2011. As of this report, Connected Nation has completed field validation on 78.95% of the provider universe.

10g. Have you initiated verification activities? ◉ Yes ◯ No

10h. If yes, please describe the status of your activities

BroadbandStat is publicly available on the Connect Alaska website (http://www.connectak.org) and received a total of 149 visits between July 1, 2011 and September 30, 2011.

During this quarter, the Connect Alaska project received a total of 6 broadband inquiries. Additional information received through e-mail from consumers that can also be used for verification purposes totaled 2 for this quarter.

Fifty-three field verification tests were conducted this quarter. Thus far, Connected Nation's staff has now conducted multiple tests on the following providers: Ace Tekk Wireless Internet; AlasConnect, Inc.; Alaska Communications Systems Holdings, Inc. (d.b.a. ACS); Alaska Power and Telephone Company; AT&T, Inc.; Borealis Broadband; Clearwire Corporation; Copper Valley Telephone Cooperative, Inc.; Cordova Telephone Cooperative, Inc.; GCI Internet; Ketchikan Public Utilities; Matanuska Telephone Association; SPITwSPOTS LLC; TelAlaska Long Distance, Inc.; and Verizon Wireless.

To date, validation testing has been completed against 15 companies (out of a universe of 19 viable providers) totaling 78.95% within the state.

10i. If verification activities have not been initiated please provide a projected time line for beginning and completing such activities

Verification activities have been initiated.

Staffing

10j. How many jobs have been created or retained as a result of this project?
11.86

Connected Nation has numerous staff working on the Connect Alaska project, some at only a small percentage of their time. This approach is beneficial to the project in various ways: some staff provide necessary project support, many staff work together utilizing a team approach, and others are subject matter experts in their respective areas, and by leveraging their expertise, the project benefits from their knowledge and skills without the necessity of supporting a more expensive full-time resource.

10k. Is the project currently fully staffed?   ◉Yes   ◯No

10l. If no, please explain how any lack of staffing may impact the project's time line and when the project will be fully staffed

This project is fully staffed.

10m. When fully staffed, how many full-time equivalent (FTE) jobs do you expect to create or retain as a result of this project?

11.86

10n. Staffing Table

Job Title	FTE %	Date of Hire
Associate Counsel	4	09/14/2009
Business Programmer Analyst	2	04/02/2007
CAI Coordinator	37	09/16/2009
CAI Coordinator	3	12/13/2004
CAI Data Analyst	8	03/24/2009
CAI Data Manager	6	08/09/2010
ETS Analyst	16	08/24/2009
ETS Analyst	15	07/13/2009
ETS Analyst	1	11/01/2007
ETS Manager	7	07/01/2007

ETS Sr. Analyst	13	02/18/2010
General Counsel	4	01/01/2007
GIS Analyst	18	10/19/2009
GIS Analyst	6	04/01/2010
GIS Analyst	2	11/16/2009
GIS Services Manager	3	05/15/2007
Outreach & Awareness Manager	9	03/24/2009
Outreach & Awareness Specialist	23	01/04/2010
Outreach & Awareness Specialist	8	02/02/2009
Outreach & Awareness Specialist	8	01/04/2010
Outreach & Awareness Specialist	5	10/01/2007
Program Coordinator	99	05/23/2011
Program Director	16	08/04/2008
Program Manager	68	05/23/2011
Project Coordinator	3	04/01/2005
Project Management Director	4	12/16/2009
Project Manager	35	03/16/2010
Project Manager	9	01/14/2008
Project Manager	9	07/01/2004
Project Manager	5	09/01/2006
Project Manager	4	09/04/2007
Provider Relations Manager	8	02/17/2005
Research & GIS Analyst	2	05/14/2007
Research Analyst	89	02/16/2010
Research Analyst	88	02/16/2010
Research Analyst	88	02/16/2010

Research Analyst		88	02/16/2010
Research Analyst		88	02/16/2010
Research Analyst		88	02/16/2010
Research Analyst		88	02/16/2010
Research Analyst		25	02/1/2010
Research Analyst		15	09/19/2011
Research Analyst		4	03/22/2010
Research Analyst		1	06/01/2009
Research Manager		20	05/14/2007
State Services Manager		43	07/01/2007
State Services Specialist		1	02/02/2009

[Add Row] [Remove Row]

Sub Contracts

10o. Subcontracts Table

Name of Subcontractor	Purpose of Subcontract	RFP Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Federal Funds	In-Kind Funds
Throughbred Research Group	Research Surveys	Y	Y	02/09/2010	02/08/2012	143,175	0
Various	AK Planning & Application Development	N	N	06/01/2010	05/31/2015	17,329	0
Contract Labor	Contract Labor	N	Y	06/01/2010	05/31/2015	143,504	95,571

[Add Row] [Remove Row]

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $1,444,609   10q. How much Remains? $4,933,589

10r. How much matching funds have been expended as of the end of last quarter? $422,139   10s. How much Remains? $1,176,143

10t. Budget Worksheet

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Personal Salaries	$1,661,362	$113,635	$1,774,997	$383,186	$49,688	$432,874
Personnel Fringe Benefits	$356,364	$24,513	$380,877	$78,391	$19,856	$98,247
Travel	$436,598	$0	$436,598	$103,270	$837	$104,107
Equipment	$132,432	$0	$132,432	$67,728	$0	$67,728
Materials / Supplies	$47,610	$0	$47,610	$28,646	$0	$28,646
Subcontracts Total	$1,802,334	$319,791	$2,122,125	$319,657	$95,571	$415,228

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Subcontract #1	$476,827	$0	$476,827	$143,175	$0	$143,175
Subcontract #2	$1,000,000	$125,000	$1,125,000	$17,329	$0	$17,329
Subcontract #3	$266,416	$194,791	$461,207	$143,504	$95,571	$239,075
Subcontract #4	$20,408	$0	$20,408	$7,871	$0	$7,871
Subcontract #5	$38,683	$0	$38,683	$7,778	$0	$7,778
Construction	$0	$0	$0	$0	$0	$0
Other	$201,988	$1,110,343	$1,312,331	$13,178	$214,448	$227,626
Total Direct Costs	$4,638,688	$1,568,282	$6,206,970	$994,056	$380,400	$1,374,456
Total Indirect Costs	$1,739,510	$30,000	$1,769,510	$450,553	$41,739	$492,292
Total Costs	$6,378,198	$1,598,282	$7,976,480	$1,444,609	$422,139	$1,866,748
% Of Total	80	20	100	77	23	100

Hardware / Software

10u. Has the project team purchased the software / hardware described in the application? ⦿Yes ◯No

10v. If yes, please list
Hardware/Software purchases for the project to date include the following:
• BroadbandStat-$63,636
• Computers & Software-$12,314
• Speed Test Software-$4,081
• GIS Software Maintenance-$1,840
• Google Earth Pro-$266

10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased

Remaining purchases may include SQL server for mapping geodatabase, SQL server software, multiple dedicated storage server, security application, additional backup replication solution, computers, a spectrum analyzer, GPS units, interactive map upgrades/ maintenance, ESRI ArchInfo/ArcGIS maintenance, and speed test updates as well as computers and software maintenance.

10x. Has the project team purchased or used any data sets? ⦿Yes ◯No

10y. If yes, please list

Connect Alaska received an Alaska Statewide Digital Mapping Initiative Orthoimagery dataset from the Alaska Department of Natural Resources as part of an in-kind match contribution to assist Connect Alaska with its mapping and planning goals - $177,933

10z. Are there any additional project milestones or information that has not been included? ⦿Yes ◯No

10aa. If yes, please list
*Revised the project schedule, budget, and work breakdown structure with the revised State Broadband Initiatives (SBI) timeline.
*Continued to gather and process Community Anchor Institution (CAI) information.
*Maintained Connect Alaska website, speed tests, and broadband inquiries.
*Produced and distributed bi-weekly status reports, data collection activity logs, and website statistics to the Connect Alaska project team.
*Conducted village tours, round table discussions, and TERRA-Southwest ribbon cutting in August with Sen. Mark Begich, Federal Communications Commission (FCC) Chairman Julius Genachowski, Lt. Gov. Mead Treadwell, and U.S. Department of Agriculture (USDA) representatives.
*Continued to solicit and process broadband coverage datasets from the provider community.
*Distributed broadband coverage datasets to the Geographic Information Systems mapping team for processing.
*Connect Alaska submitted an SBI broadband mapping data update to the National Telecommunications and Information Administration (NTIA) that includes participation of 100% of the Alaska broadband provider community, which is 22 total providers. Of the 22 providers, 10 supplied an update to their network or coverage area(s), while 12 reported no change.
*Submitted the required American Recovery and Reinvestment Act and NTIA quarterly progress reports.

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

Connect Alaska is currently seeking and interviewing applicants to fill the recently vacated Program Manager position within the Connect Alaska State Program Office. Postings for the position have been published in local media and on national websites.

The Connect Alaska digital literacy and community engagement program continues to be customized, with Alaska stakeholder input, in advance of a rollout to fit the unique broadband landscape within Alaska.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

Connect Alaska maps were used to further identify unserved and underserved areas and to expand service to unserved households. http://connectak.org/mapping/

During Q3 2011, Connect Alaska, working in close coordination with the state of Alaska continued gathering data on the location and broadband connectivity of Community Anchor Institutions (CAI), in accordance with the data requirements of the State Broadband Initiative (SBI) Notice of Funds Availability (NOFA) Technical Appendix. Efforts have been focused on conducting outreach and raising awareness of this important project through a statewide campaign.

Connect Alaska continues to identify key CAI contacts with a specific focus this quarter on the education and healthcare sectors. We continue to utilize our online survey and raise awareness of the importance of CAI broadband connectivity.

Connect Alaska has an ongoing mission to educate CAI throughout the state on the importance of participating in the project. A number of new relationships have been formed this past quarter with key CAI associations including the Alaska eHealth Network, Alaska's Vocational Technical Education Providers (VTEP), Alaska Pacific University, and the University of Alaska. Connect Alaska has requested participation by these groups to assist with gathering data within the state. Additionally Connect Alaska is working closely with members of the Alaska Broadband Task Force who represent key CAI sectors to assist with outreach and data-gathering efforts on behalf of the project.

Additionally, we continue to utilize a CAI newsletter which was released during Q2 and remains available on the Connect Alaska website http://connectak.org/mapping/Community_Anchor_Institution_Data_Collection.php. An updated newsletter is planned for Q4 2011.

11. Broadband Planning

11a. Please describe progress made against all goals, objectives, and milestones detailed in the approved Project Plan. Be sure to include a description of each major activity / milestone that you plan to complete and your current status

Broadband Capacity Milestones, Year 2, Quarter3, per approved project plan:
• Connect Alaska Program Office Administration – This milestone was met. The Program Office is currently staffed with a Program Coordinator; however, Connect Alaska experienced employee turnover in the Program Manager position during the quarter. The program is currently seeking and interviewing applicants to fill the vacated position. Postings for the position have been published in local media and on national websites.
• Meeting of the Alaska Broadband Task Force – This milestone was met. The Alaska Broadband Task Force met more than once during the quarter as facilitated by the Connect Alaska Program Office.

Technical Assistance Milestones, Year 2, Quarter 3, per approved project plan:
• Initiate 2011 statewide business survey research –This milestone was met. The 2011 statewide business survey commenced during the quarter.
• Analyze 2011 non-adopter oversample survey results – This milestone was met. On behalf of the state of Alaska, Connect Alaska conducted the 2011 non-adopter telephone surveys, incorporating recommendations received from state stakeholders and third-party consultants where appropriate. In Q3 2011, Connect Alaska finished surveying respondents and began analyzing the results. Preliminary results were released to Alaska Stakeholders for review.
• Analyze 2011 statewide residential survey research results – This milestone was met. On behalf of the state of Alaska, Connect Alaska conducted the 2011 Residential Technology Assessment telephone surveys, incorporating recommendations received from state stakeholders and third-party consultants where appropriate. In Q3 2011 Connect Alaska finished surveying respondents and began analyzing the results. Preliminary results were also released to our Alaska Stakeholders for review.

... please refer to the Q3 2011 Alaska Supplemental Answer Document

11b. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

No challenges or obstacles encountered during Q3 2011.

11c. Does the Project Team anticipate any changes to the project plan for Broadband Planning?   ◯Yes ⊙No

11d. If yes, please describe these anticipated changes. Please note that NTIA will need to approve changes to the Project Plan before they can be implemented

No changes anticipated.

Funding

11e. How much Federal funding has been expended as of the end of the last quarter? $0   11f. How much Remains? $0

11g. How much matching funds have been expended as of the end of last quarter? $0   11h. How much Remains? $0

11i. Planning Worksheet						
Personal Salaries	$0	$0	$0	$0	$0	$0
Personnel Fringe Benefits	$0	$0	$0	$0	$0	$0
Travel	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0
Materials / Supplies	$0	$0	$0	$0	$0	$0
Subcontracts Total	$0	$0	$0	$0	$0	$0
Subcontract #1	$0	$0	$0	$0	$0	$0
Subcontract #2	$0	$0	$0	$0	$0	$0
Subcontract #3	$0	$0	$0	$0	$0	$0
Subcontract #4	$0	$0	$0	$0	$0	$0
Subcontract #5	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$0	$0	$0	$0	$0	$0
Total Direct Costs	$0	$0	$0	$0	$0	$0
Total Indirect Costs	$0	$0	$0	$0	$0	$0
Total Costs	$0	$0	$0	$0	$0	$0
% Of Total	0	0	0	0	0	0

Additional Planning Information

11j. Are there any additional project milestones or information that has not been included?
Connected Nation conducted a survey that oversamples households that do not subscribe to broadband. This second survey was in addition to the previously scheduled residential survey. This updated and improved methodology will provide a greater level of analysis regarding barriers to technology adoption among different socioeconomic and demographic groups by surveying non-adopters in Alaska in a way similar to that conducted by the Federal Communications Commission (FCC) as part of the National Broadband Planning effort. This approach will help create a demographic and socioeconomic profile of the population of non-adopters in Alaska, which can then be applied at the local level of detail by area planning teams to assist in developing local adoption initiatives that will target the barriers that are unique to that area. In Q3 2011, CN surveyed 1,751 adult heads of households who do not subscribe to broadband across the state of Alaska and presented the initial results to state stakeholders.

The Connect Alaska digital literacy and community engagement program continues to be customized, with Alaska stakeholder input, in advance of a rollout to fit the unique broadband landscape within Alaska.

Additional Project Activities Include:
*Continued to support the Alaska Broadband Task Force (AKBTF) and conduct broadband presentations at AKBTF meetings.
*Conducted presentations and meetings with stakeholders on the past, current, and future activities of the Connect Alaska program.
*Created multiple broadband related postings on the http://www.connectak.org website and on the Connect Alaska Facebook and Twitter sites.

11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing

No significant challenges or obstacles were encountered during Q3 2011.

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
Connect Alaska's new project planning team began traveling the state in August to find real, workable solutions to bridge the gaping technological divide across the state.
• Blog: New Connect Alaska Team Hits The Road - http://connectak.org/news/?id=tag%3Ablogger.com%2C1999%3Ablog-5530705035018831323.post-6466506058526022988

• Federal Communications Commission (FCC) Chairman Julius Genachowski, Senator Mark Begich, Lt. Gov. Mead Treadwell, U.S. Department of Agriculture (USDA) Rural Utilities Service (RUS) Administrator Jonathan Adelstein and USDA Rural Development Alaska State Director Jim Nordlund toured GCI's TERRA-Southwest construction site in Dillingham and several villages in the Alaska bush with Connect Alaska staff to help determine future broadband needs and solutions for the state.
o Blog: Building Broadband Infrastructure: Alaska Under Construction - http://connectak.org/news/?id=tag%3Ablogger.com%2C1999%3Ablog-5530705035018831323.post-7046844541480444442
o Blog: Policy & Need: Bringing Broadband to Alaska - http://connectak.org/news/?id=tag%3Ablogger.com%2C1999%3Ablog-5530705035018831323.post-3356560870998750867

• A roundtable discussion with FCC Chairman Julius Genachowski and Senator Mark Begich was held in August and was followed by a meeting of Connect Alaska and the state's broadband task force in Anchorage.
o Blog: Broadband Task Force: Tackling Alaska's Big Issues –http://connectak.org/news/?id=tag%3Ablogger.com%2C1999%3Ablog-5530705035018831323.post-2780104221953350912

... please refer to the Q3 AK Supplemental Answer Document

12. 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 set forth in the award documents.		
12a. Typed or Printed Name and Title of Authorized Certifying Official Bernie Bogle	12c. Telephone (area code, number, and extension)	
	12d. Email Address bbogle@connectednation.org	
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 10-28-2011	