

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

32-50-M09056

4. Report Date (MM/DD/YYYY)

07-02-2012

1. Recipient Name

Connected Nation, Inc - Nevada

6. Designated Entity On Behalf Of:

State of Nevada

3. Street Address

1020 College Street, P.O. Box 3448,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Bowling Green, KY 42102-3448

7. Project / Grant Period

Start Date: (MM/DD/YYYY)

12-20-2009

7a.

End Date: (MM/DD/YYYY)

12-19-2014

7b.

Reporting Period End Date:

06-30-2012

9a. If Other, please describe:

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

Pyramid Net: On May 1, 2012, the provider status was changed to "Slated Field Audit for Estimated Coverage Analysis" in order to create an estimated coverage area of the provider's service territory should the field research indicate that this is a viable broadband provider.

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 through extraction or extrapolation.

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

Connect Nevada deployed a new interactive mapping web application, called My ConnectView, on April 2, 2012. The application is housed in a highly available, monitored, and managed environment. New feedback features allow consumers to send comments directly to program geographic information systems (GIS) staff; a screenshot of the user's current interactive map view is also attached to the feedback to provide additional details.

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) program. 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 Connect Nevada 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.

As of this report, field validation has been completed on 74.07% of the provider universe. The year-end goal for 2012 (testing a minimum of 60.00% of the viable provider universe) has been achieved. While additional testing is contemplated for 2012, these tests will supplement previous activities and will focus primarily on providers with a substantial (or statewide) presence and will occur in geographic locations not previously tested.

10g. Have you initiated verification activities? Yes No

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

The new interactive broadband map, My ConnectView, was launched on April 2, 2012 and is publicly available on the Connect Nevada

website (<http://www.connectnv.org/interactive-map>). The program's interactive broadband map received a total of 360 visits between April 2, 2012, and June 30, 2012.

During this quarter, the project received a total of 3 broadband inquiries. Additional information received through e-mail from consumers that can also be used for verification purposes totaled 2.

For this reporting period, 1 new field verification test was conducted on a potential viable provider. (For more details, please refer to the Nevada Q2 2012 Supplemental Answers document.)

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

N/A

Staffing

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

6.81

Connect Nevada's FTEs reported for the quarter include 4.32 FTEs for staff, 2.49 FTEs for permanent consultants, and 0.0 FTEs for temporary, cyclical contractors. The project is fully staffed with a base of 6.81 FTEs.

Connected Nation has numerous staff working on the Connect Nevada 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. By leveraging the expertise of the subject matter experts, 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

N/A

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

This project is fully staffed with a base FTE of 6.81.

10n. Staffing Table

Job Title	FTE %	Date of Hire
Connected Nation - Broadband Planning Manager	3	09/04/2007
Connected Nation - Business Programmer Analyst	2	04/02/2007
Connected Nation - CAI Coordinator	34	09/16/2009
Connected Nation - CAI Manager	2	12/13/2004
Connected Nation - Chief Policy Counsel	2	08/09/2010
Connected Nation - Compliance Coordinator	5	08/01/2008
Connected Nation - Director Program Support	11	12/01/2004
Connected Nation - ETS Analyst	1	07/13/2009
Connected Nation - ETS Analyst	1	11/01/2007
Connected Nation - ETS Manager	3	07/01/2007
Connected Nation - GIS Analyst	1	11/16/2009
Connected Nation - GIS Analyst	2	04/01/2010
Connected Nation - GIS Analyst	76	04/01/2010

Connected Nation - GIS Services Manager	2	05/15/2007
Connected Nation - Grants Management Officer	11	02/24/2003
Connected Nation - Outreach & Awareness Manager	5	03/24/2009
Connected Nation - Outreach & Awareness Specialist	5	10/01/2007
Connected Nation - Outreach & Awareness Specialist	9	02/02/2009
Connected Nation - Outreach & Awareness Specialist	9	01/04/2010
Connected Nation - Outreach & Awareness Specialist	24	01/04/2010
Connected Nation - Partnership Manager	3	07/01/2007
Connected Nation - Policy & Research Outreach Specialist	4	03/24/2009
Connected Nation - President & COO	2	01/14/2008
Connected Nation - Program Manager	97	05/16/2011
Connected Nation - Project Coordinator	4	04/01/2005
Connected Nation - Project Management Director	3	12/16/2009
Connected Nation - Project Manager	29	08/20/2007
Connected Nation - Provider Relations Manager	8	02/17/2005
Connected Nation - Research & GIS Analyst	9	05/14/2007
Connected Nation - Research Analyst	1	06/01/2009
Connected Nation - Research Analyst	1	09/19/2011
Connected Nation - Research Analyst	6	02/01/2010
Connected Nation - Research Analyst	36	10/17/2011
Connected Nation - Research Manager	6	05/14/2007
Connected Nation - State & Local Program Director	10	08/04/2008
Connected Nation - State Services Specialist	3	03/24/2009
Connected Nation - State Services Sr. Specialist	2	12/20/2009
Consultant - Associate Counsel	2	09/14/2009
Consultant - Community Tech Team Specialist	100	10/17/2011
Consultant - Community Tech Team Specialist	100	01/06/2012
Consultant - ETS Analyst	46	02/08/2010
Consultant - Financial Consultant	1	04/01/2008

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

Thoroughbred Research Group	Research Surveys	Y	N	02/09/2010	02/08/2012	176,850	0
Contract Labor	Contract Labor	N	Y	12/20/2009	12/19/2014	251,544	202,552

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$2,074,840 10q. How much Remains? \$1,918,601

10r. How much matching funds have been expended as of the end of last quarter? \$553,668 10s. How much Remains? \$514,305

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	\$1,268,668	\$745	\$1,269,413	\$594,759	\$745	\$595,504
Personnel Fringe Benefits	\$265,616	\$160	\$265,776	\$133,834	\$160	\$133,994
Travel	\$220,665	\$94	\$220,759	\$96,809	\$582	\$97,391
Equipment	\$80,913	\$0	\$80,913	\$74,419	\$0	\$74,419
Materials / Supplies	\$30,839	\$0	\$30,839	\$26,587	\$0	\$26,587
Subcontracts Total	\$917,028	\$468,188	\$1,385,216	\$450,668	\$202,552	\$653,220
Subcontract #1	\$293,945	\$0	\$293,945	\$176,850	\$0	\$176,850
Subcontract #2	\$568,278	\$468,188	\$1,036,466	\$251,544	\$202,552	\$454,096
Subcontract #3	\$21,006	\$0	\$21,006	\$10,102	\$0	\$10,102
Subcontract #4	\$33,799	\$0	\$33,799	\$12,172	\$0	\$12,172
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$87,746	\$597,761	\$685,507	\$40,856	\$348,604	\$389,460
Total Direct Costs	\$2,871,475	\$1,066,948	\$3,938,423	\$1,417,932	\$552,643	\$1,970,575
Total Indirect Costs	\$1,121,966	\$1,025	\$1,122,991	\$656,908	\$1,025	\$657,933
Total Costs	\$3,993,441	\$1,067,973	\$5,061,414	\$2,074,840	\$553,668	\$2,628,508
% Of Total	79	21	100	79	21	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:

Interactive Mapping Application - \$60,000

GIS Software & Maintenance - \$5,355

Computers & Software - \$15,985

Speed Test Software - \$3,893

Google Earth Pro - \$585

Spectrum Analyzer - \$4,477

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, 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

As part of an in-kind contribution, Connect Nevada received a dataset from the Lyon County School District containing Lyon County student records. This dataset provides statistics illustrating the number of parents who have checked on their child's progress via an online system set-up and maintained by the school. - \$100

Connect Nevada received a dataset from the state containing total population for counties, cities, and towns as part of an in-kind contribution that will be utilized by the project to assist with its mapping and planning goals. - \$10,592

Connect Nevada received a dataset from the state, containing age, sex, race, and Hispanic origin estimates and projections for 2010-2030 as part of an in-kind match contribution to assist the project with its mapping and planning goals. - \$29,332

Connect Nevada obtained a dataset containing Nevada healthcare Community Anchor Institution (CAI) data. Since the dataset was developed using federal funds, it was not valued nor was it counted as match toward the program.

As part of an in-kind contribution from the Nevada Department of Transportation, Connect Nevada received a dataset containing 2011 road segments. This was instrumental in processing the 2010 Census road data. Since the dataset was developed using federal funds, it was not valued nor was it counted as match toward the program.

As part of an in-kind contribution from the Nevada Department of Taxation, Connect Nevada received a dataset that contained all registered business locations with a sales or use tax account in the state. Connect Nevada used this dataset to create an in-depth analysis of business locations by sector and by rural/non-rural counties. This dataset will continue to be used to inform future Connect Nevada surveys and research reports. - \$125,339

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

10aa. If yes, please list

Community Anchor Institution (CAI) outreach took place when engaging the State of Nevada Department of Public Safety office of Records and Technology. Also, Connect Nevada made phone calls to institutions of higher education where CAI data had not yet been received.

In addition, Connect Nevada made phone calls to 18 of Nevada's 19 federally recognized Indian tribes in an effort to solicit broadband data.

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing
Educating CAI contacts about the data collection efforts of the program continues to be a challenge in Nevada. To mitigate this problem, Connect Nevada is engaging sector leaders to request assistance in distributing a CAI survey which will help to show support and validate the survey. The response has proven to be significantly higher when the survey is distributed by a sector leader or organization.

Connect Nevada's match percentage based on total expenditures was 21.064% through Q2 2012. Thus Connect Nevada will fall short of the required match percentage by 0.036% or \$947. Connect Nevada is working with program partner the Nevada State Library and Archives to identify additional sources of match. Through the receipt of in-kind match from the Nevada State Library and Archives, the Nevada Broadband Task Force, and volunteers participating in the Local/Regional Technology Planning Teams Connect Nevada expects to meet it's required match percentage in Q3 2012.

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

The Connect Nevada initiative celebrated several milestone successes this quarter, including positive mainstream media stories on the project's mapping resources and broadband expansion efforts to more than 14.1 million news consumers.

Connect Nevada serves not only as a resource for communities through the provision of mapping and research findings, but also through offering learning opportunities for broadband-related topics. For example, in the April 12 blog post, Broadband Internet Access Basics (<http://www.connectnv.org/blog/post/broadband-internet-access-basics-1>), Connect Nevada reviewed the differences in terms such as DSL (Digital Subscriber Line), Wi-Fi, and cable. At the 54th Annual Conference of the Western Social Science Association (WSSA) on April 16, Connect Nevada discussed the presentation of a paper, "Choosing to Connect: Broadband Adoption and Barriers in Rural Texas and Nevada." (<http://www.connectnv.org/blog/post/rural-broadband-barriers-revealed-annual-wssa-conference>). The presentation was made in an effort to contribute to a better understanding of the broadband landscape in Nevada and Texas.

In an April 18 blog post, Validating Nevada's Broadband Service (<http://www.connectnv.org/blog/post/validating-nevada%E2%80%99s-broadband-service>), Connect Nevada looked at how a team of engineers goes about validating the different broadband delivery methods to provide more accurate, useful mapping of broadband availability. A video of a live demonstration was included in the post.

For more details, please refer to the Nevada Q2 2012 Supplemental Answers document.

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 Building Year 3, Quarter 2 milestones per approved project plan:

Milestone: State broadband program office administration complete.

This milestone was met. Office space continues to be occupied at the State Library and Archives building in Carson City, Nevada. Connect Nevada provided oversight to engaged local planning teams and provided detailed feedback to the Nevada Broadband Task Force. Once engaged, each local planning team was involved in a planning process where Connect Nevada managed workflow to ensure adherence to grant-specific timeframes. Each team conducted a kickoff meeting and subsequent meetings where they began assessing technology state of affairs in the community, focusing on access, adoption, and use. Findings were entered into a web portal and then summarized into a written report where team members reviewed for accuracy. The findings will ultimately populate a comprehensive community technology plan.

On April 25, Connect Nevada planned, coordinated, and hosted a Broadband 101 workshop in partnership with the State U.S. Department of Agriculture (USDA) Rural Development office as part of their Stronger Economies Together (SET) project. The event covered "how the Internet works," "why we should care," and what "adoption" means for stakeholders across the state.

(For more details, please refer to the Nevada Q2 2012 Supplemental Answers document.)

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

Broadband Capacity Building

Nothing to report.

Technical Assistance

The initiation of the 2012 statewide residential survey was delayed until Q3 2012. Connect Nevada is awaiting National Telecommunications and Information Administration (NTIA) approval of the amended project plan before conducting the 2012 statewide residential survey.

Local/Regional Technology Planning Teams

Nothing to report.

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

Broadband Capacity Building

Nothing to report.

Technical Assistance

Connect Nevada is awaiting approval of an amended NTIA project plan to initiate this year's residential survey. The 2012 residential survey is now scheduled to be initiated in Q3 2012 instead of Q1 2012. In turn, the 2012 residential survey will be analyzed and initial results will be released to the state in Q4 2012, and the residential survey results will be finalized and released in Q1 2013.

Local/Regional Technology Planning Teams

Nothing to report.

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

11i. Planning Worksheet						
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?

Technical Assistance

During Q2 2012, continued efforts were made to prepare for the Nevada Broadband Summit on October 24, 2012, at the Windmill Library in Las Vegas, Nevada. A rough draft agenda was completed and continues to be developed with input from the Nevada Broadband Task Force.

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

Nothing to report.

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
Broadband Capacity Building

Nothing to report.

Technical Assistance

Connect Nevada was enlisted as a primary resource for the Northern Nevada Development Authority (NNDA). In April, the NNDA invited Connect Nevada staff to teach its members how to use the My ConnectView mapping tool and other essential resources in planning for regional broadband access, adoption, or use. More information is available on the Connect Nevada website at <http://www.connectnv.org/blog/post/broadband%E2%80%99s-new-buzz-northern-nevada>.

Local/Regional Technology Planning Teams

Community leaders in both Douglas and Esmeralda counties have enrolled in Connect Nevada's Connected program (<http://www.connectnv.org/get-involved>). Staff from Connect Nevada led area leaders through the steps of the community certification program that uses Nevada's broadband mapping tool as the foundation to begin a comprehensive community assessment process. About a dozen local leaders are already involved in the project. The teams will use the mapping tool along with other tools to assess the current state of technology in their counties, determine what improvements are needed, and devise a plan for achieving those goals.

(For more details, please refer to the Nevada Q2 2012 Supplemental Answers 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)

07-27-2012