

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

32-50-M09056

4. Report Date (MM/DD/YYYY)

07-06-2011

1. Recipient Name

Connected Nation, Inc - Nevada

6. Designated Entity On Behalf 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:

06-30-2011

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

Avant Wireless LLC: Received reply from company representative stating they are not interested in participating.

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

N/A

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

ESRI is deploying and hosting Connected Nation's BroadbandStat (BBStat) web application. ESRI will house the customized BBStat application in their highly available, monitored, and managed environment. The scope of services includes setting up a staging environment for data verification and compatibility as well as a production environment for client access.

Connected Nation also collects consumer feedback in the form of broadband inquiries. 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 Initiatives (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 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.

Before December 31, 2011 Connected Nation will target 4 additional companies in order to achieve a total field validation rate equal to or exceeding 70.69% (currently at 63.79%).

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 Nevada website and received a total of 151 visits between April 1, 2011 and June 30, 2011.

During this quarter, the Connect Nevada project received a total of 1 broadband inquiry. Additional information received through e-mail

from consumers that can also be used for verification purposes totaled 1 for this quarter.

For this reporting period, 66 field verification tests were conducted. Connected Nation's staff conducted multiple tests on the following providers: A&J Hardy Enterprises d.b.a. Comnet Computer Services and Peak Internet Services, Arizona Nevada Tower Corporation, AT&T, Baja Broadband LLC, Beehive Telephone Company Inc., CalNeva Broadband LLC, CC Communications, CenturyLink, Charter Communications, Citizens Telecommunications Company of Nevada d.b.a. Frontier Communications of Nevada, Clearwire Corporation, Cox Communications, ETAN Industries d.b.a. Clark Cablevision and CMA Cablevision, Great Basin Internet Services, High Desert Internet Services, High Speed Networks – Mound House LLC, Highlands Wireless Inc., Hot Spot Broadband Inc., KeyOn Wireless, Las Vegas Net, Leap Wireless d.b.a. Cricket License Company LLC, Lincoln County Telephone, Moapa Valley Telephone Company, Mt. Wheeler Power, Nextweb d.b.a. Covad, Oasis Online Inc., Oregon-Idaho Utilities d.b.a. Humboldt Telephone Company, Performance Computing Internet, Reliance Connects d.b.a. Rio Virgin Telephone & Cablevision, Satview Broadband Ltd., Schatnet Internet LLC, Sprint Nextel, United Cable Management, Vegas Wi-Fi Communications LLC, Verizon Wireless, Wells Rural Electric Telephone, and Yonder Media.

To date, Connected Nation has completed field validation testing against 37 companies (out of a universe of 58 viable providers) totaling 63.79% within the state.

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?

6.70

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

The positions not currently staffed are related to Connect Nevada's new local/regional technology planning teams project that is only just beginning and as such have no impact on the project's timeline. The positions are expected to be filled during Q3 of 2011.

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

9.70

10n. Staffing Table

Job Title	FTE %	Date of Hire
Associate Counsel	3	09/14/2009
Business Programmer Analyst	2	04/02/2007
CAI Coordinator	25	09/16/2009
CAI Coordinator	4	12/13/2004
CAI Data Analyst	10	03/24/2009
CAI Data Manager	2	08/09/2010
ETS Analyst	60	02/08/2010
ETS Analyst	12	07/13/2009
ETS Analyst	11	08/24/2009
ETS Analyst	9	02/18/2010

ETS Analyst	2	11/01/2007
ETS Manager	5	07/01/2007
ETS Sr. Analyst	1	02/18/2010
General Counsel	2	01/01/2007
GIS Analyst	72	04/01/2010
GIS Services Manager	3	05/15/2007
Outreach & Awareness Manager	6	03/24/2009
Outreach & Awareness Specialist	8	01/04/2010
Outreach & Awareness Specialist	7	10/01/2007
Outreach & Awareness Specialist	6	02/02/2009
Outreach & Awareness Specialist	6	01/04/2010
Outreach & Awareness Specialist	3	01/03/2010
Program Coordinator	54	05/16/2011
Project Coordinator	2	04/01/2005
Project Management Director	4	12/20/2004
Project Manager	66	08/20/2007
Project Manager	14	09/01/2006
Project Manager	7	01/14/2008
Project Manager	3	12/16/2009
Project Manager	1	03/16/2010
Project Manager	1	01/14/2008
Provider Relations Manager	6	02/17/2005
Research & GIS Analyst	5	05/14/2007
Research Analyst	96	02/16/2010
Research Analyst	96	02/16/2010
Research Analyst	29	02/16/2010
Research Analyst	4	02/01/2010
Research Analyst	2	06/01/2009
Research Manager	4	05/14/2007
State Services Manager	17	07/01/2007

Sub Contracts

10c. 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
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Thoroughbred Research Group	Research Surveys	Y	Y	02/09/2010	02/08/2012	176,850	0
Contract Labor	Contract Labor	N	Y	12/20/2009	12/19/2014	477,079	75,649

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,038,740 10q. How much Remains? \$2,954,701

10r. How much matching funds have been expended as of the end of last quarter? \$263,586 10s. How much Remains? \$804,387

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	\$1,225,643	\$272,721	\$1,498,364	\$296,777	\$84,777	\$381,554
Personnel Fringe Benefits	\$262,898	\$0	\$262,898	\$62,601	\$22,014	\$84,615
Travel	\$260,881	\$0	\$260,881	\$54,840	\$94	\$54,934
Equipment	\$134,194	\$0	\$134,194	\$65,652	\$0	\$65,652
Materials / Supplies	\$42,431	\$0	\$42,431	\$15,093	\$0	\$15,093
Subcontracts Total	\$802,096	\$75,649	\$877,745	\$195,630	\$78,791	\$274,421
Subcontract #1	\$265,231	\$0	\$265,231	\$64,221	\$0	\$64,221
Subcontract #2	\$477,079	\$75,649	\$552,728	\$119,461	\$78,791	\$198,252
Subcontract #3	\$21,104	\$0	\$21,104	\$3,490	\$0	\$3,490
Subcontract #4	\$38,682	\$0	\$38,682	\$8,458	\$0	\$8,458
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$111,699	\$628,571	\$740,270	\$11,754	\$24,652	\$36,406
Total Direct Costs	\$2,839,842	\$976,941	\$3,816,783	\$702,347	\$210,328	\$912,675
Total Indirect Costs	\$1,153,599	\$91,032	\$1,244,631	\$336,393	\$53,258	\$389,651
Total Costs	\$3,993,441	\$1,067,973	\$5,061,414	\$1,038,740	\$263,586	\$1,302,326
% Of Total	79	21	100	80	20	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-\$60,000
- Spectrum Analyzer-\$4,477
- ArchInfo/ArcGIS Software-\$3,035
- Computers & Software-\$3,838
- Speed Test Software-\$2,498
- 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 servers, security application, additional backup replication solution, computers, GPS units BroadbandStat 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

N/A

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

10aa. If yes, please list

* Connect Nevada (CNV) worked with the National Telecommunications and Information Administration (NTIA) during the quarter to finalize the State Broadband Initiative (SBI) detailed project plan, timeline, and budget. The plan was approved by NTIA on April 14.

* During the quarter 2 2011 meeting of the Nevada Broadband Task Force on June 7, CNV provided a project update, an overview of new maps available on the CNV website, and introduced the broadband planning components of the program including local/regional technology planning teams. A database was developed to log planning team members. Feedback from the Task Force was garnered and next steps were identified.

* Installation of the state broadband Program Coordinator was completed on May 16.

* The state broadband program office was established and populated on May 23 and 24 in the Nevada State Library and Archives building.

* The 2011 non-adopter oversample survey and the 2011 statewide residential survey were created and deployed.

* Planning activities for the community broadband summit 1 were initiated with the Task Force.

* The job description for the Regional Planning Consultant was finalized and recruitment began.

* CNV performed audits of provider records, researched provider mergers and acquisitions, and reviewed FCC documentation on broadband providers.

* The CNV mapping team began downloading and processing 2010 Census Block and road data.

* Efforts continued toward identifying additional Community Anchor Institutions (CAI) and obtaining data for submission to NTIA.

* A CAI newsletter was developed and distributed to statewide contacts and stakeholders to draw attention to the data collection effort and encourage participation.

* The overall provider data validation in Nevada increased from 49.09% of the viable provider population last quarter to 63.79% as of June 30.

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

N/A

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

Updated Connect Nevada maps were published and used to further identify unserved and underserved areas and to help communities plan for expanding service to unserved households (<http://connectnv.org/mapping/>). Additionally, a video was produced about the field validation process in all Connected Nation state programs (<http://youtu.be/tNMEQKHbDIs>). Lastly, Connect Nevada performed an in-depth analysis and field testing in an effort to resolve 17 inquiries for broadband Internet in Genoa, Nevada. Those efforts also included discussions with a nearby wireless provider. As a result of the combined efforts, consumers have subscribed to the wireless service and are now "satisfied" broadband customers.

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

On behalf of the state of Nevada, Connected Nation (CN) finalized the survey instruments for the 2011 Residential Technology Assessment and the non-adopter telephone surveys, incorporating recommendations received from state stakeholders and third-party consultants where appropriate. These surveys are designed to measure trends in technology adoption, barriers to adoption, and awareness of available broadband service among Nevada residents. In Q2 2011 CN started surveying respondents across Nevada for both of these surveys. In addition, Connected Nation created and publicly released a report documenting technology adoption and barriers among businesses across the state.

The Connect Nevada initial broadband assessment, released in Q4 2010, continues to serve as an invaluable tool to the Nevada Broadband Task Force, Connect Nevada, and stakeholders across the state. The report is still being referenced and used as a discussion tool to facilitate strategic dialogue in the state.

The report entitled Nevada Broadband: Preliminary Overview of Broadband Infrastructure & Adoption in Nevada continues to be available on the Connect Nevada website at the following link: http://connectnv.org/_documents/NevadaPlanningReport_screen.pdf.

Connect Nevada is cataloging feedback from the report and has begun initial work on an update. The report update is scheduled for

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

N/A

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
Connect Nevada released business survey data and launched an interactive webpage providing easy to use information about business insights. Daphne DeLeon, Nevada Broadband Task Force Chair, took part in a national awareness event to share the state leadership perspective of local economic development planning of broadband in businesses. The data shows that approximately 16,000 businesses in Nevada are not using broadband. The survey reveals which economic sectors are lagging behind in broadband adoption as well as the types of platforms they are using, the prices they're paying, and much more.

o <http://connectnv.org/research/>

o http://connectnv.org/_documents/NV_BizAssessment.pdf

o http://connectnv.org/_documents/NV_BizWhitePaper_FINAL.pdf

Connect Nevada distributed a Community Anchor Institution newsletter to create awareness about the Connect Nevada initiative and to encourage these institutions to submit as part of the data collection process (<http://connectnv.org/news/?id=tag%3Ablogger.com%2C1999%3Ablog-3500607592216986829.post-3654325183450920781>).

Connect Nevada Facebook (<http://www.facebook.com/pages/Connect-Nevada/251892895787>) and Twitter (<http://twitter.com/#!/connectnevada>) pages were launched.

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)

07-28-2011