

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

20-50-M09021

4. Report Date (MM/DD/YYYY)

07-06-2011

1. Recipient Name

Connected Nation, Inc. - Kansas

6. Designated Entity On Behalf Of:

Kansas

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)

11-01-2009

7a.

End Date: (MM/DD/YYYY)

10-30-2014

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

arcplasma.com: Spoke with ArcPlasma representative who stated that Connected Nation/Connect Kansas has called repeatedly and we don't seem to understand that they are NOT interested in participating and prefer not to be contacted anymore. Refused to Participate

WISP-Router, Inc.: In addition to multiple contact attempts made between July 30, 2009 and April, 2011, multiple attempts were made during this submission period as well. A company representative replied indicating frustration with our continual follow-up regarding participation in this program, thereby re-confirming their refusal to participate. Refused to Participate

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 additional 5 companies in order to achieve a total field validation rate equal to or exceeding 69.31% (currently 64.36%).

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 Kansas website and received a total of 279 visits between April 1, 2011 and June 30, 2011.

During this quarter, the Connect Kansas project received a total of 8 broadband inquiries. 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, 100 field verification tests were conducted. Connected Nation's staff has conducted multiple tests on the following providers: Allegiance Communications, AT&T Inc., Atwood Cable Systems, Inc., Benson Telephone Service, Blue Valley Telecommunications, Inc., Broadband Wireless Internet (BWI), BWTelcom d.b.a. Benkleman Telephone, Cable ONE Inc., CenturyLink, City of Chanute, Clearwire Corporation, Columbus Telephone Company, Cox Communications Inc., Craw-Kan Telephone Cooperative Inc., CTC Wireless Internet, Cyber Lodge Wireless, Eagle Communications Inc., Elkhart Telephone Company Inc., Fairpoint Communications Inc., Golden Belt Telephone Association Inc., H&B Cable Services Inc., Haviland Telephone Company, IdeaTek Systems Inc., J.B.N. Telephone Company, Kanokla Telephone, Kansas Broadband Internet Inc., LaHarpe Telephone Company Inc., Lawrence FreeNet, Madison Telephone Company LLC, Mediacom Communications Corporation, Mercury Wireless, Mid-Kansas Cable Services, Midwest Connections Inc., Mobil1.net, Moundridge Telephone Company Inc., Pioneer Telephone Association Inc., Pixius Communications LLC, Rainbow Telecommunications Association Inc., Rebeltec Communications, Rural Telephone Service Company Inc., S&A Telephone Company Inc., S&T Telephone Cooperative Association, SKT Inc., South Central Telephone Association, Southeast Nebraska Communications, Sprint Nextel Corporation, St. Joe Wireless,

For more details, please refer to the Q2 2011 KANSAS 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?

4.60

Connected Nation has numerous staff working on the Connect Kansas 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 Kansas' new broadband capacity, technical assistance, and local and regional tech team activities that are only just beginning and as such have no impact on the project's timeline. The positions are expected to be filled during Q3 and Q4 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?

13.60

10n. Staffing Table

Job Title	FTE %	Date of Hire
Associate Counsel	5	09/14/2009
Business Programmer Analyst	2	04/02/2007
CAI Coordinator	25	09/16/2009
CAI Coordinator	8	12/13/2004
CAI Data Analyst	5	03/24/2009
CAI Data Manager	2	08/09/2010

ETS Analyst	42	02/18/2010
ETS Analyst	32	07/13/2009
ETS Analyst	11	08/24/2009
ETS Analyst	2	11/01/2007
ETS Manager	6	07/01/2007
ETS Sr. Analyst	14	02/18/2010
General Counsel	18	01/01/2007
GIS Analyst	46	10/19/2009
GIS Analyst	2	04/01/2010
GIS Services Manager	2	05/15/2007
Outreach & Awareness Manager	6	03/24/2009
Outreach & Awareness Specialist	9	10/01/2007
Outreach & Awareness Specialist	7	02/02/2009
Outreach & Awareness Specialist	6	10/01/2007
Outreach & Awareness Specialist	6	01/04/2010
Outreach & Awareness Specialist	1	01/03/2010
Project Coordinator	3	04/01/2005
Project Management Director	1	12/20/2004
Project Manager	84	05/03/2010
Project Manager	42	12/16/2009
Project Manager	21	01/14/2008
Project Manager	6	09/01/2006
Project Manager	1	01/01/2007
Project Manager	1	08/20/2007
Project Manager	1	03/16/2010
Project Manager	1	01/14/2008

Provider Relations Manager	5	02/17/2005
Research & GIS Analyst	2	05/14/2007
Research Analyst	10	02/16/2010
Research Analyst	6	02/01/2010
Research Analyst	1	06/01/2009
Research Manager	5	05/14/2007
State Services Manager	13	07/01/2007

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	87,350	0
Kansas Department of Commerce	Planning Activities	N	Y	11/01/2009	10/30/2014	500,000	127,335
Contract Labor	Contract Labor	N	Y	11/01/2009	10/30/2014	1,665,655	215,768

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,120,811 10q. How much Remains? \$5,250,703

10r. How much matching funds have been expended as of the end of last quarter? \$505,327 10s. How much Remains? \$1,097,351

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	\$1,283,978	\$54,034	\$1,338,012	\$290,682	\$51,275	\$341,957
Personnel Fringe Benefits	\$275,418	\$11,590	\$287,008	\$57,655	\$12,164	\$69,819
Travel	\$292,837	\$22,329	\$315,166	\$44,271	\$15,804	\$60,075
Equipment	\$143,643	\$0	\$143,643	\$69,739	\$0	\$69,739
Materials / Supplies	\$115,961	\$3,739	\$119,700	\$16,489	\$4,088	\$20,577
Subcontracts Total	\$2,477,250	\$343,103	\$2,820,353	\$315,163	\$309,689	\$624,852
Subcontract #1	\$252,696	\$0	\$252,696	\$33,725	\$0	\$33,725
Subcontract #2	\$500,000	\$127,335	\$627,335	\$101,547	\$124,572	\$226,119
Subcontract #3	\$1,665,655	\$215,768	\$1,881,423	\$158,775	\$183,657	\$342,432
Subcontract #4	\$20,216	\$0	\$20,216	\$13,508	\$610	\$14,118
Subcontract #5	\$38,683	\$0	\$38,683	\$7,608	\$850	\$8,458
Construction	\$0	\$0	\$0	\$0	\$0	\$0

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Other	\$423,389	\$1,040,272	\$1,463,661	\$5,063	\$43,668	\$48,731
Total Direct Costs	\$5,012,476	\$1,475,067	\$6,487,543	\$799,062	\$436,688	\$1,235,750
Total Indirect Costs	\$1,359,038	\$127,611	\$1,486,649	\$321,749	\$68,639	\$390,388
Total Costs	\$6,371,514	\$1,602,678	\$7,974,192	\$1,120,811	\$505,327	\$1,626,138
% Of Total	80	20	100	69	31	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
- Computers & Software-\$7,372
- Spectrum Analyzer-\$5,323
- ArchInfo/ArcGIS Software-\$4,322
- Metrics Speed Test Software-\$4,112
- Google Earth Pro -\$266
- GPS Unit-\$250

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

- *Maintained the budget/cost model and tracked project deliverables for Connect Kansas.
- *Maintained Connect Kansas website to explain the program, process speed tests, and gather information from consumers and Community Anchor Institutions.
- *Requested and processed broadband coverage coordinate data sets (updates and new requests) from the Kansas provider community.
- *Responded to various consumer inquiries received through the GIS e-mail addresses.
- *Completed new broadband availability maps that depict available service with a speed threshold of at least 3 Mbps download and 768 kbps upload.
- *Performed analyses of April data and completed sets of maps including provider density maps, provider advertised speed maps, and statewide broadband inquiry maps.
- *Began reviewing the Census 2010 data sets for the National Telecommunications and Information Administration (NTIA) submission and updated the provider datasheet for use in data collection activities.
- *Performed field validation on various providers resulting in a validation rate of 64.36% or 65 of the 101 viable providers.
- *Updated the Connect Kansas amended project plan as instructed by NTIA and resubmitted for approval. Approved by the granting agency on May 23.
- *Conducted periodic Connect Kansas project team meetings.
- *Produced monthly status reports and distributed to project team.
- *Submitted the Connect Kansas quarter 1 2011 American Recovery & Reinvestment Act and NTIA performance progress reports.
- *Participated in KanRen conference and developed additional pilot concepts for evaluation.
- *Met with legislators and Pharmacy Board to develop Telepharmacy pilot concepts.
- *Coordinated with WorkForce Development to support job creation initiative based on broadband accessibility in rural communities.
- *Drafted options for broadband incentive to support the Rural Opportunity Zones initiative.

*Participated in State Broadband Initiatives (SBI) conference in Dallas.

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 Kansas maps were used to further identify unserved and underserved areas and to expand service to unserved households. <http://connectkansas.org/mapping/>

• A video was produced about the field validation process in all Connected Nation state programs. <http://youtu.be/tNMEQKHbDIs>

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

Stakeholder and Community Engagement -

Conducted stakeholder and provider outreach in Western Kansas, including key service provider and BIP recipient. Initiated planning for organizing a 2011 conference integrating the broadband summit and a rural/small business marketplace conference. Event will be in Salina, Kansas November, 2011. Engaged in preliminary discussions with local stakeholders regarding Google Fiber impact on large underserved community in eastern Kansas. Participated in KanRen conference, identified new stakeholder group and developed additional pilot concepts for evaluation and presented at statewide rural broadband service provider trade association; evaluated potential for local public/private partnership opportunity.

Economic Development Pilot Programs -

Assessed options for Telemedicine pilot projects, met with legislators and Pharmacy Board to develop Tele-pharmacy pilot concepts. Coordinated with Work Force Development to support job creation initiative based on broadband accessibility in rural communities and drafted options for broadband incentive to support administration's Rural Opportunity Zones initiative.

Strategic Planning -

At direction of Kansas Governor, prepared necessary documentation for effecting change in designated entity, final NTIA approval pending. Challenge is to ensure state efforts do not lose momentum during transition; working closely with Connected Nation and NTIA to implement transition plans and participated in SBI and RTC conferences in Dallas.

For more details, please refer to the Q2 2011 KANSAS Supplemental Answers Document.

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

N/A

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

N/A

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
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11i. Planning Worksheet						
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?

Updated the Connect Kansas amended project plan as instructed by NTIA and resubmitted for approval. The plan was approved by NTIA and NIST on May 10 and May 23 respectively.

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 Kansas released business survey data and launched an interactive webpage providing easy to use information about business insights. The data shows that nearly 22,000 businesses in Kansas 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.

The business survey white papers and web widget can be accessed via the following links:

- o <http://connectkansas.org/research/>
- o http://connectkansas.org/_documents/KS_BizAssessment.pdf
- o http://connectkansas.org/_documents/KS_BizWhitePaper_FINAL.pdf

- Connect Kansas Facebook and Twitter pages were launched:

- o <http://www.facebook.com/pages/Connect-Kansas/120965580427>
- o <http://twitter.com/#!/connectkansas>

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