

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
20-50-M09021

4. Report Date (MM/DD/YYYY)
01-12-2011

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:
12-31-2010

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

N/A

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

We have not collected any data through extraction programs.

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 communication 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 SBDD 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.

During Q1 2011, Connected Nation has targeted 3 additional providers (new field validation tests) and 1 repeat set of tests (Pixius) to achieve a 3.0% lift against year-end 2010 results.

10g. Have you initiated verification activities? Yes No

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

BroadbandStat was publicly launched during this quarter on the Connect Kansas website and received a total of 642 visits between October 1, 2010 and December 31, 2010.

During this quarter, the Connect Kansas project has received a total of 31 broadband inquiries. Additional information received through

e-mail from consumers that can also be used for verification purposes totaled 13 for this quarter.

Connected Nation has completed 235 in-field data validation tests of 54 companies totaling 52.43% of the broadband provider universe within the state of Kansas. Activities and field validation techniques included (i) on-site visits with providers; (ii) verifying wireless frequencies through the use of spectrum analysis testing; (iii) cross-referencing the physical coordinates of remote terminals, fiber nodes, ILEC central offices and FTTx routes against information available from the public domain, and through field testing with GPS enable software and handheld GPS units; (iv) digital photography of facilities; and (v) random throughput speed tests compared against Maximum and Average speeds as reported by the broadband providers.

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?

3.57

Connected Nation has numerous staff working on this 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 by 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 the new broadband capacity activities that are only just beginning and as such have no impact on the project's time line. The positions are expected to be filled during the first and second quarters 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?

4.57

10n. Staffing Table

Job Title	FTE %	Date of Hire
Associate Counsel	4	09/14/2009
Business Programmer Analyst	4	04/02/2007
CAI Data Analyst	4	03/24/2009
CAI Data Manager	5	08/09/2010
ETS Analyst	4	02/08/2010
ETS Analyst	6	07/13/2009
ETS Analyst	6	11/01/2007
ETS Analyst	13	08/24/2009
ETS Analyst	18	07/13/2009
ETS Analyst	43	02/18/2010
ETS Senior Analyst	12	02/18/2010
General Counsel	4	01/01/2007
GIS Analyst	13	10/19/2009
GIS Services Manager	3	05/15/2007
Outreach & Awareness Manager	4	03/24/2009

Outreach & Awareness Specialist	1	10/01/2007
Outreach & Awareness Specialist	1	01/03/2007
Outreach & Awareness Specialist	1	01/04/2010
Outreach & Awareness Specialist	4	01/04/2010
Outreach & Awareness Specialist	5	02/02/2009
Project Coordinator	2	04/01/2005
Project Management Director	1	12/20/2004
Project Manager	1	08/20/2007
Project Manager	1	03/16/2010
Project Manager	18	01/14/2008
Project Manager	3	08/04/2008
Project Manager	37	12/16/2009
Provider Relations Manager	5	02/17/2005
Provider Relations Specialist	2	11/03/2009
Research & GIS Analyst	2	05/14/2007
Research Analyst	3	06/01/2009
Research Analyst	9	02/01/2010
Research Manager	16	05/14/2007
State Services Manager	9	07/01/2007
State Services Specialist	5	02/02/2009
State Services Senior Specialist	1	12/20/2009
Broadband Planning Manager	80	05/03/2010
Research Analyst	1	03/22/2010
ETS Manager	6	07/01/2007

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
ESRI	Hosting	N	Y	02/03/2010	02/02/2012	38,683	0

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$726,741 10q. How much Remains? \$5,644,773
 10r. How much matching funds have been expended as of the end of last quarter? \$463,884 10s. How much Remains? \$1,138,794

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	\$181,042	\$51,275	\$232,317
Personnel Fringe Benefits	\$275,418	\$11,590	\$287,008	\$35,326	\$12,164	\$47,490
Travel	\$292,837	\$22,329	\$315,166	\$26,559	\$15,805	\$42,364
Equipment	\$143,643	\$0	\$143,643	\$64,322	\$0	\$64,322
Materials / Supplies	\$115,961	\$3,739	\$119,700	\$11,224	\$4,088	\$15,312
Subcontracts Total	\$2,477,250	\$343,103	\$2,820,353	\$160,484	\$268,443	\$428,927
Subcontract #1	\$252,696	\$0	\$252,696	\$32,457	\$0	\$32,457
Subcontract #2	\$500,000	\$127,335	\$627,335	\$7,500	\$119,274	\$126,774
Subcontract #3	\$1,665,655	\$215,768	\$1,881,423	\$99,661	\$147,709	\$247,370
Subcontract #4	\$20,216	\$0	\$20,216	\$13,258	\$610	\$13,868
Subcontract #5	\$38,683	\$0	\$38,683	\$7,608	\$850	\$8,458
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$423,389	\$1,040,272	\$1,463,661	\$2,921	\$43,470	\$46,391
Total Direct Costs	\$5,012,476	\$1,475,067	\$6,487,543	\$481,878	\$395,245	\$877,123
Total Indirect Costs	\$1,359,038	\$127,611	\$1,486,649	\$244,863	\$68,639	\$313,502
Total Costs	\$6,371,514	\$1,602,678	\$7,974,192	\$726,741	\$463,884	\$1,190,625
% Of Total	80	20	100	61	39	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
- ArchInfo/ArcGIS Software-\$4,322
- Computers-\$3,584
- Metrics Speed Test Software-\$4,112
- Spectrum Analyzer-\$5,323
- 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/finance cost model for Connect Kansas
- *Continued to monitor and maintain the project work plan and Work Breakdown Structure
- *Continued to reach out to all Kansas providers for data collection
- *Maintained the Connect Kansas website to explain the program and gather information from the consumer community
- *On October 29, 2010, the Kansas Providers Advertised Speed Maps were uploaded onto the Connect Kansas website
- *Maintained the Kansas BroadbandStat instance
- *Continued to process speed tests and website broadband inquiries from the Connect Kansas speed test portal
- *Conducted the first Kansas Broadband Summit on October 24 and 25, 2010
- *Maintained the outreach and awareness strategy plan
- *Conducted periodic Connect Kansas project team meetings
- *Produced monthly status reports, data collection activity log, and website statistics and distributed to the Connect Kansas project team
- *Maintained the broadband provider list
- *Distributed and securely stored executed Non-Disclosure Agreements
- *Conducted webinars and demonstrations of the BroadbandStat product
- *Updated and processed broadband coverage coordinate data sets from provider community
- *Submitted the Connect Kansas 3rd Quarter 2010 American Recovery & Reinvestment Act and National Telecommunication and Information Administration (NTIA) Performance Progress Reports
- * Connect Kansas continued to conduct on the ground field validation for the NTIA viable Kansas providers
- *Continued working on the Connect Kansas State Broadband Data and Development amendment project planning and budget plans
- * Completed the final Kansas residential survey report and presented the report to the Kansas Department of Commerce
- *Completed the initial Kansas business Survey Short report and presented the report to the Kansas Department of Commerce
- *In response to the additional State Broadband Data & Development funding extending the grant through December 2014, project plan alterations and expansion commenced

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

On September 27, Connect Kansas received notice of a grant award extending SBDD mapping and planning activities for an additional three years. The project plan has been revised to include these new activities and will be formally submitted to NTIA by the scheduled deadline.

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

The Kansas Broadband Planning Manager and staff of the Kansas Department of Commerce organized the first Kansas Broadband Summit on October 24-25 in Wichita. A total of 18 Kansas Broadband Task Force members attended the Summit. In total, over 200 people participated in the two day event. While Task Force members attended the Summit, an additional Task Force meeting was not held this past quarter as state staff awaited direction from the incoming governor's team. The Broadband Manager continues to organize state-funded broadband activities and is prepared to implement components of the amended grant award in the next few quarters. The state is waiting for Task Force input before finalizing scope for university surveys. The state is working to finalize a contract with CostQuest Associates for a network cost model with the intention to begin the project this quarter, pending NTIA approval of the contract. The State of Kansas and Connected Nation worked during the quarter to begin the process of gathering information for the State's submittal of additional information regarding the amendment to SBDD.

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

One challenge in the planning process has been prioritizing the large scope of the project and getting initial capacity built to execute the planning effort. One additional challenge is ordering the sequence of funded activities to most effectively implement the Connect Kansas program and make the most impact. For example, now that the Kansas Broadband Task Force is officially up and running, they will want to influence decisions regarding surveying and cost modeling efforts. The State mitigated the hiring challenge by utilizing in-kind labor match from current staff, and is mitigating other process issues with state purchasing officials.

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

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)

02-21-2011