

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

31-50-M09058

4. Report Date (MM/DD/YYYY)

04-24-2012

1. Recipient Name

Nebraska Public Service Commission

6. Designated Entity On Behalf Of:

Nebraska

3. Street Address

300 The Atrium Building, 1200 N Street,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Lincoln, NE 68508

7. Project / Grant Period
Start Date: (MM/DD/YYYY)

01-01-2010

7a. End Date: (MM/DD/YYYY)

12-31-2014

7b. Reporting Period End Date:

03-31-2012

9a. If Other, please describe:

Not Applicable

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

One provider has continually refused to provide data. Community Internet Systems, Inc. a/k/a Wire Free Nebraska, Inc. At the last request for data, this provider stated it is fearful of showing the competition where their coverage is.

No providers were considered unresponsive for the April 1, 2012 data submission.

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

For the April 1, 2012 data submission, the mapping team focussed on collecting and updating provider data from the existing and known providers willing to voluntarily provide broadband availability data. However, we are starting to collect information from the public broadband planning and interactive broadband map websites and reviewing 3rd party data to glean potential new providers and/or footprint modifications.

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

As mentioned above, we are currently reviewing other 3rd party data options, as well as identifying where the feedback received from the NTIA's 3rd party review needs to be incorporated into changing provider data.

We are also incorporating feedback and speed test results from the state public website which will be further utilized in the next data submission.

10g. Have you initiated verification activities? Yes No

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

Verification activities have been ongoing. With the new mapping vendor some verification activities are changing and will be incorporated with the next data submission.

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

Not applicable.

Staffing

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

7.44 FTEs for the quarter ending 3/31/12 consisting of .44 FTEs for the NPSC, 2.03 FTEs for the University, 2.37 FTEs for Apex Covantage, and 2.60 for BroadMap.

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 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?

7.44 FTEs.

10n. Staffing Table

Job Title	FTE %	Date of Hire
Executive Director	5	10/22/2007
Department Director	5	02/17/1976
Attorney	5	02/07/2000
Analyst	15	07/14/2003
Economist	5	05/24/1999
Business Manager	2	05/01/2000
Accountant	2	11/07/1994
Accountant	5	11/14/1977
Project Director - Apex	12	01/13/2010
Project Manager - Apex	28	01/13/2010
GIS Assistant - Apex	69	01/13/2010
Project Manager - Chico	13	01/13/2010
GIS Manager/Trainer - Chico	20	01/13/2010
GIS Analyst - Chico	40	01/13/2010
GIS Assistant - Chico	12	01/13/2010
Web Applic. Programmer - Chico	25	01/13/2010
Administrative - Chico	18	01/13/2010
Project Manager - University	33	01/13/2010
Regional Coaches - University	58	01/13/2010
Cultural Liaison Coaches - University	12	01/13/2010
Conference Coordinator - University	100	01/13/2010
QC Specialist - BroadMap	17	01/04/2012
Data Sourcing Manager - BroadMap	33	01/04/2012
Tech. Project Manager - BroadMap	17	01/04/2012
Sr. GIS Analyst - BroadMap	40	01/04/2012
Sr. GIS Analyst - BroadMap	50	01/04/2012
Sr. GIS Analyst - BroadMap	5	01/04/2012

Program Manager - BroadMap	49	01/04/2012
Database Engineer/Web Design - BroadMap	40	01/04/2012
Sr. Director Finance- BroadMap	4	01/04/2012
Director Finance - BroadMap	5	01/04/2012

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
Apex	Data Collection, Verification, Integration and Display	Y	Y	01/20/2010	12/31/2011	1,376,716	170,000
Outreach Coordinator	To increase provider participation in Broadband Mapping	N	N	07/01/2012	10/31/2014	260,000	0
BroadMap	Data Collection, Verification, Integration and Display Years 3-5	Y	Y	01/06/2012	10/31/2014	749,847	0
Future Best Practices	To implement best practices recommended for data collection, integration, verification, and display	N	N	01/01/2013	10/31/2014	128,500	0
DED/Gallup	Business Survey and Best Practices for Broadband Planning	Y	Y	12/07/2010	12/31/2014	175,000	0
AIM Institute-Planning Partner (under contract with UNL)	Statewide Broadband Conference and Broadband Planning	N	N	09/27/2011	01/31/2014	464,179	260,000
Hosting of GIS Database	Contract with the State of Nebraska to host GIS database server	N	N	01/01/2013	12/31/2014	19,200	0
Future Services Under Contract	Additional contract for data integration, GIS hosting, and enhancements	N	N	01/01/2013	12/31/2014	234,820	0
GeoComm	GIS Mapping enhancements for Data Verification	N	Y	10/08/2010	11/17/2010	11,207	0

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$2,037,348 10q. How much Remains? \$3,625,437

10r. How much matching funds have been expended as of the end of last quarter? \$1,118,755 10s. How much Remains? \$733,879

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	\$898,699	\$266,352	\$1,165,051	\$192,296	\$84,462	\$276,758
Personnel Fringe Benefits	\$218,410	\$71,482	\$289,892	\$44,195	\$12,223	\$56,418
Travel	\$184,539	\$8,500	\$193,039	\$20,387	\$0	\$20,387
Equipment	\$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
Materials / Supplies	\$233,220	\$0	\$233,220	\$120,982	\$0	\$120,982
Subcontracts Total	\$3,419,469	\$430,750	\$3,850,219	\$1,598,569	\$22,373	\$1,620,942
Subcontract #1	\$1,376,716	\$170,750	\$1,547,466	\$1,376,716	\$0	\$1,376,716
Subcontract #2	\$260,000	\$0	\$260,000	\$0	\$0	\$0
Subcontract #3	\$749,847	\$0	\$749,847	\$91,361	\$0	\$91,361
Subcontract #4	\$128,500	\$0	\$128,500	\$0	\$0	\$0
Subcontract #5	\$904,406	\$260,000	\$1,164,406	\$130,492	\$22,373	\$152,865
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$319,795	\$998,973	\$1,318,768	\$0	\$979,135	\$979,135
Total Direct Costs	\$5,274,132	\$1,776,057	\$7,050,189	\$1,976,429	\$1,098,193	\$3,074,622
Total Indirect Costs	\$388,653	\$76,577	\$465,230	\$60,919	\$20,562	\$81,481
Total Costs	\$5,662,785	\$1,852,634	\$7,515,419	\$2,037,348	\$1,118,755	\$3,156,103
% Of Total	75	25	100	65	35	100

Hardware / Software

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

10v. If yes, please list

2-Dell Vostro 1520 Laptop Computers w/ Windows XP for wireless drive test and verification \$1228.37;
 1-Dell Database Server and operating system: \$4727.89;
 1-Dell Server and operating system: \$646.09;
 1-Mapping Server and operating system: \$646.09;
 Oracle Database License: \$5,037.07;
 SQL Software License: \$7,351.57;
 Windows Server License: \$637.23;
 ESRI ArcInfo Concurrent User License and ESRI ArcGIS Server License: \$28,276.28;
 25 CN50 PDAs w/customer software for door-to-door interviews and data verification: \$39,887.25; and
 Media Prints-Cable Franchise for Nebraska: \$2,625.00

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

We have purchased all software and hardware expected for this project to date.

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

10y. If yes, please list

Tiger Data Files-Available from the Census Bureau;
 Various GIS Data sets from the NPSC;
 Media Prints-Cable Franchise Boundary Data

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

10aa. If yes, please list

All milestones have been included.

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

With the verification efforts continuing, there is occasionally a challenge balancing conflicts identified during the verification process and requesting updates or corrections in the data collected/reported by the provider. The mapping team is focused on ensuring the map is an accurate representation of broadband availability, but we also must ensure the cooperation of the providers.

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

The NPSC mapping team has been providing demonstrations of the updated state and national broadband maps at several events located around the state. The mapping and planning groups are identifying other venues for future outreach opportunities.

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

Capacity Building: Government and Economic Development Survey. Focused on engaging county and community governments and economic developers. Survey will be conducted in Quarter 2 of 2012.

Technical Assistance: Statewide Conference-The conference will be held on October 2, 2012. Vint Cerf, Google Vice President will be keynote speaker. Regional Workshops- Two regional workshops will be held in Quarter 2 of 2012. May 15, 2012 will be an Accelerating Collaboration Summit at the Gering Civic Center. The workshop will focus on identifying community goals and how to achieve them. June 14, 2012 the Northeast Regional Broadband Conference will be in Norfolk. Presentations will be made about infrastructure, the cloud, mapping, Internet safety, and broadband applications for agriculture. Webinars- Monthly webinars have averaged over 40 participants. Web Portal-Official website is being launched at broadband.nebraska.gov.

Local and Regional Planning. Educators continue to use the revised workbook "Engaging People. Linking the World" and online assessments. The online assessments are designed to look at how various community sectors can be strengthened and potential activities a community or organization may want to take. The planning team members have helped to engage their organizations. For example, in the education sector, to date, 367 individuals have completed the education assessment. Of those responding 20.6% believe technology is beginning to be integrated into the curriculum; 51.4% believe information technology is integrated into much of the curriculum and school operations; 25.9% see their school has a highly networked environment. In 5 years, 81% want to see their school has a highly networked environment.

For more details, please see the supplemental attachment.

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

There have not been any significant challenges or obstacles in this quarter. Several partners have gone through organizational changes as we move through this process. This has caused some challenges. The commitments from the organizations involved however have not waned and the planning team continues to move forward.

The updated Nebraska broadband map that was publicized this month by the mapping team is already having a positive impact on the planning process and helping to engage more citizens in the planning process.

Activities are moving forward as planned and milestones are being met.

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 to the project plan, however, the planning team plans to make a request for some budget adjustments.

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?

No.

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

There are no other challenges or obstacles at this time.

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

The proposed in-kind column is now changed to reflect the indirect costs as a part of the total planning project match.

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

Shanicee Knutson

Legal Counsel

12c. Telephone
(area code, number, and extension)
(402) 471-3101

12d. Email Address
shana.knutson@nebraska.gov

12b. Signature of Authorized Certifying Official

Submitted Electronically

12e. Date Report Submitted
(Month, Day, Year)

06-01-2012