

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
31-50-M09058

4. Report Date (MM/DD/YYYY)
10-21-2010

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? 9. Report Frequency

 Yes Quarterly
 No 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

8. Reporting Period End Date:
(MM/DD/YYYY)
09-30-2010

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 |
|--------------------------------|-------------------------------|-----------------------------------------------|--------------------------------------|------------------------------|------------------------------|
| 126 | 126 | 82 | 16 | 49 | 47 |

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

Of the 126 broadband providers contacted, three refused to participate in this project. Two providers simply refused stating that they did not want to participate in the collection effort (Community Internet Systems and Future Technologies). One other broadband provider (Swiftel Communications), a reseller, refused to provide availability data, however that reseller informed the NPSC that it is using Sprint as its underlying service provider and Sprint has provided the NPSC with availability data. A number of other providers did not offer broadband at the defined speeds established by the NTIA's NOFA definition. Some providers realized this after an NDA was executed. We continue to maintain contacts with these providers and requested that they file broadband data when such broadband speeds are offered.

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

Data was collected using in-person, mail and telephone surveys. Drive-test data was compiled for wireless broadband. A statistical analysis identified specific census blocks for the surveys. Additional data was collected through the drive tests which covered over 2,500 miles to identify locations where wireless broadband was available.

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

We used the other data sources to validate data collected from the broadband providers. We also provided the data back to the broadband providers for additional verification.

10g. Have you initiated verification activities? Yes No

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

Verification is ongoing. Many of the broadband providers have confirmed the data collected, verified, integrated, and mapped for their service area is accurate. We are continuing to work with providers where geo-coding of the data has resulted in less accurate results.

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

We expect the verification of the remaining providers' data to be complete by December of 2010.

Staffing

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

3.89 FTEs for the quarter ending 9/30/10, consisting of .99 FTEs for the NPSC, 2.4 FTEs for Apex and .48 FTEs for the University of Nebraska.

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?

A total of 11.33 FTEs were created for this project including the following:

- NPSC .99 FTEs
- NPSC's contractor, Apex, and subcontractors of Apex 9.32 FTEs
- University of Nebraska 1.02 FTEs

10n. Staffing Table

| Job Title | FTE % | Date of Hire |
|---------------------------|-------|--------------|
| Executive Director, NPSC | 20 | 10/22/2007 |
| Department Director, NPSC | 20 | 02/17/1976 |
| Attorney, NPSC | 10 | 02/07/2000 |
| Analyst, NPSC | 25 | 07/14/2003 |
| Economist, NPSC | 5 | 05/24/1999 |
| Business Manager, NPSC | 2 | 05/01/2000 |
| Accountant, NPSC | 2 | 11/07/1994 |
| Accountant, NPSC | 15 | 11/14/1977 |
| Project Director, Apex | 22 | 01/21/2010 |
| Project Manager, Apex | 61 | 01/21/2010 |
| CSU-Project Manager | 16 | 01/21/2010 |
| CSU-Project Trainer | 24 | 01/21/2010 |
| CSU-Project Analyst | 2 | 01/21/2010 |
| CSU-GIS Assistant | 89 | 01/21/2010 |
| CSU-Web App. Programmer | 7 | 01/21/2010 |
| CSU-Administration | 21 | 01/21/2010 |
| Survey Manager | 48 | 01/21/2010 |

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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 CoVantage | To assist the NPSC with data collection, integration, verification and display. | Y | Y | 01/20/2010 | 12/31/2011 | \$1,376,716 | \$0 |

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Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,351,127 10q. How much Remains? \$4,311,658

10r. How much matching funds have been expended as of the end of last quarter? \$1,020,050 10s. How much Remains? \$808,684

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 | \$266,514 | \$1,165,213 | \$67,428 | \$30,556 | \$97,984 |
| Personnel Fringe Benefits | \$218,410 | \$71,284 | \$289,694 | \$17,037 | \$5,548 | \$22,585 |
| Travel | \$184,539 | \$8,500 | \$193,039 | \$1,685 | \$0 | \$1,685 |
| Equipment | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Materials / Supplies | \$233,220 | \$0 | \$233,220 | \$0 | \$0 | \$0 |
| Subcontracts Total | \$3,400,269 | \$260,000 | \$3,660,269 | \$1,233,950 | \$0 | \$1,233,950 |
| Subcontract #1 | \$2,372,590 | \$0 | \$2,372,590 | \$1,233,950 | \$0 | \$1,233,950 |
| Subcontract #2 | \$260,000 | \$0 | \$260,000 | \$0 | \$0 | \$0 |
| Subcontract #3 | \$128,500 | \$0 | \$128,500 | \$0 | \$0 | \$0 |
| Subcontract #4 | \$464,179 | \$260,000 | \$724,179 | \$0 | \$0 | \$0 |
| Subcontract #5 | \$175,000 | \$0 | \$175,000 | \$0 | \$0 | \$0 |
| Construction | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Other | \$338,995 | \$498,936 | \$837,931 | \$22,554 | \$402,485 | \$425,039 |
| Total Direct Costs | \$5,274,132 | \$1,828,734 | \$7,102,866 | \$1,342,654 | \$1,015,239 | \$2,357,893 |
| Total Indirect Costs | \$388,653 | \$0 | \$388,653 | \$8,473 | \$4,811 | \$13,284 |
| Total Costs | \$5,662,785 | \$1,828,734 | \$7,491,519 | \$1,351,127 | \$1,020,050 | \$2,371,177 |
| % Of Total | 76 | 24 | 100 | 18 | 14 | 32 |

Hardware / Software

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

10v. If yes, please list

| Hardware Software Name | Cost |
|-------------------------------------------------------------------------------------|-------------|
| 2 Dell Vostro 1520 Laptop Computers with Windows XP | \$1,228.37 |
| 1 Dell Database Server and Operating System | \$4727.89 |
| Dell Web Server and Operating System | \$6,965.49 |
| Mapping Server and Operating System | \$6,646.09 |
| Oracle Database License | \$5,037.07 |
| Windows Server License | \$637.23 |
| SQL Software Server License | \$7,351.57 |
| ESRI ArchInfo Concurrent User License and ESRI Arc GIS Server License | \$28,276.28 |
| 25 CN50 PDAs with custom Software for door-to-door interviews and data verification | \$39,887.25 |
| 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

n/a

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

10y. If yes, please list

Tiger Data Files
Various GIS Data sets from NPSC
Media Prints-Cable Franchise for Nebraska

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

10aa. If yes, please list

n/a

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

There were no significant challenges or obstacles for this project for this quarter.

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

n/a

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

- Internet Connectivity and Use in Nebraska: A Household Survey – Survey completed March 2010, 47% response rate. Status:

During 3rd quarter, survey results presented regionally and statewide.

- Business Survey. Using DED's BR&E program, businesses are being surveyed. Status: Statewide data is being collected and 16 communities involved process. Anticipate first report January 2011.
- Focus Groups. Seven to 10 focus groups will be held to gain understanding. Status: Begin 1st quarter 2011.
- Regional Planning Teams - Regional planning teams are being formed. Status: During 3rd quarter presentations were held at each of the regional groups.
- Regional Forums. Forums will be conducted regionally to present broadband mapping and mail survey results, to solicit feedback, and to kick off regional planning efforts. Status: Forums will be held in Spring 2011 after the mapping data and mail survey results are compared and analyzed.

For more details, please refer to the Q3 Supplemental Answers Document.

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 particular challenges or obstacles to the grant efforts itself. We have a good working relationship with the Public Service Commission. Originally, we were planning to hold regional forums in the fall 2010; however, we will now be holding in late Spring 2011. This adjustment in the schedule was made to better incorporate the mapping data in the discussions.

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

At this stage there are not any anticipated changes to the current project plan other than those requested by NTIA. During the 4th quarter, the planning team members will be reviewing the timelines and goals of the entire project.

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

| Planning Budget Element | Federal Funds Granted | Proposed In-Kind | Total Budget | Federal Funds Expended | Matching Funds Expended | Total Funds Expended |
|---------------------------|-----------------------|------------------|--------------|------------------------|-------------------------|----------------------|
| 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

None.

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

None at this time.

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

12c. Telephone
(area code, number, and extension)

(402) 471-3101

Legal Counsel

12d. Email Address

shana.knutson@nebraska.gov

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

10-29-2010

Performance Progress Report
OMB Approval Number: 0660-0034
Expiration Date: 08/31/2010