

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
46-50-M09053

4. Report Date (MM/DD/YYYY)
01-24-2011

1. Recipient Name
South Dakota Bureau of Information & Telecommunications

6. Designated Entity On Behalf Of:
State of SD / BIT

3. Street Address
700 Governor's Drive,

8. Final Report? Yes No
9. Report Frequency
 Quarterly
 Semi Annual
 Annual
 Final

5. City, State, Zip Code
Pierre, SD 57501-2291

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:
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
 (2) fixed wireless providers have decided not to participate (M&N Wireless and Northern Wireless). We have been attempting to contact another cable modem provider but am having difficulty finding a cooperative contact (MediaCom).
 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

- CAI Portal (due winter 2011)
- Crowdsourcing portal from state portal site (due winter 2011)
- Utilize school technologists (after state portal completed. Spring 2011)
- Utilize K-12 students & faculty (Spring 2011)
- Utilize telecommunications providers (Spring 2011)
- Utilize internal government resources (Spring 2011)
- Ingest data from FCC speed test resources (Spring 2011)
- Compare to 3rd party data sources (Spring 2011)

10g. Have you initiated verification activities? Yes No
 10h. If yes, please describe the status of your activities

10i. If verification activities have not been initiated please provide a projected time line for beginning and completing such activities
 The specific timelines are defined in 10f. We are on the "cusp" of being able to begin verification activities. The development delays in the CAI & state broadband portal have been resolved.
 Specific Verification plans will begin late 1Q / early 2Q. The activities include:

- Broadband speed test (complete in 1Q)
- Notify the K12 community;
- Notify the Higher Education community;
- Utilize the provider community from a technician support

5. Engage the general public through the state portal;

Our broadband subcontractor (BroadMap) will submit the data collected directly to the NTIA for the Spring 2011 submission. For the October 2011 submission, the state will submit the data directly. In addition, the state is going to adjust our time lines for data collection to allow the state to review the data prior to NTIA submission. We had not built in enough time for a state review for any of the 3 initial collections so we will make that adjustment in 3Q. This time line will be moved up ~4 weeks.

Staffing

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

(2)

1. Broadband Capacity Building
2. Technology Assistance & Computer Ownership (TACO) project leadS

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

Still have (1) person to fill the TACO project. Interviews have been completed and are awaiting personnel decision.

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

3

10n. Staffing Table

Job Title	FTE %	Date of Hire
Broadband Capacity Builder	100	10/28/2010
Technology Assistance / Computer Ownership	100	12/03/2010
Technology Assistance / Computer Ownership	100	03/31/2011

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
BroadMap, LLC	GIS Mapping	Y	Y	01/01/2010	12/28/2014	1,526,407	252,000
Dakota State University	Broadband Planning	N	N	09/20/2010	12/28/2014	304,000	0
SD Public Broadcasting	Broadband Planning	N	N	01/03/2011	12/28/2014	102,000	0

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$918,638 10q. How much Remains? \$4,810,777

10r. How much matching funds have been expended as of the end of last quarter? \$474,819 10s. How much Remains? \$957,522

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	\$1,799,151	\$450,000	\$2,249,151	\$56,113	\$0	\$56,113

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Personnel Fringe Benefits	\$586,743	\$150,000	\$736,743	\$8,984	\$0	\$8,984
Travel	\$114,265	\$0	\$114,265	\$2,119	\$0	\$2,119
Equipment	\$790,680	\$105,522	\$896,202	\$85,587	\$0	\$85,587
Materials / Supplies	\$5,000	\$0	\$5,000	\$0	\$0	\$0
Subcontracts Total	\$1,938,576	\$252,000	\$2,190,576	\$750,790	\$0	\$750,790
Subcontract #1	\$1,289,567	\$252,000	\$1,541,567	\$750,790	\$0	\$750,790
Subcontract #2	\$298,700	\$0	\$298,700	\$0	\$0	\$0
Subcontract #3	\$238,120	\$0	\$238,120	\$0	\$0	\$0
Subcontract #4	\$112,189	\$0	\$112,189	\$0	\$0	\$0
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$495,000	\$474,819	\$969,819	\$14,960	\$474,819	\$489,779
Total Direct Costs	\$5,729,415	\$1,432,341	\$7,161,756	\$918,553	\$474,819	\$1,393,372
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$5,729,415	\$1,432,341	\$7,161,756	\$918,553	\$474,819	\$1,393,372
% Of Total	80	20	100	66	34	100

Hardware / Software

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

10v. If yes, please list

\$21,959 - virtualization software

\$20,011 - ArcGIS license

\$23,152 - servers to host web sites & mapping data

\$6,027 - server operating systems

\$11,895 - visual studio 2010 application developer software

\$2,475 - laptop computer

\$109 - blackberry

\$69 - keyboard & mouse.

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

Laptops for staff are being purchased.

Ookla speed test software.

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

10y. If yes, please list

InfoUSA (Business) \$4,000

InfoUSA (Residential) \$10,000

Pitney Bowes - \$4,861

American Roamer - \$6,000

Media Prints - \$457

ComSearch - \$3,785

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

10aa. If yes, please list

Project Plans (February 2011)

Provider Portal Training (February 2011)
Provider Portal - production status (February 2011)
Broadband Advisory Team update (February 2011)
Broadband Advisory Team meeting (March 2011)
CAI Portal (February 2011)
Statewide Broadband Portal (March 2011)
Technical Assistance / Computer Ownership Program - position #2 (February 2011)
April Mapping Data Collection
 Notify Providers (January)
 Gather Data (February)
 Process & Ingest Data (March)
 Submit Data (March)

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

The state broadband portal is being developed in-house. The CAI portal development has also been moved in-house. External delays have required us to develop these internally. In the long run - it will be easier to support, maintain & enhance.

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

The data collection of the project has gone well - our 2 collections have been successful. We don't anticipate any issues with the Spring 2011 collection. The other aspects (Planning, Surveys, Verification, web portals) are starting to make very good progress. The additional staff have really made a good impact in gaining traction. We have high expectations for significant accomplishments in 1Q 2011.

The grantee review of data will include these steps beginning in 3Q 2011:

- Inspect the list of providers included in the metadata for the submission to ensure that the number of providers, based on FRN, as well as the business names and DBA names of the providers match South Dakota's internal lists.
- Inspect the count and list of community anchor institutions for accuracy and thoroughness.
- Review the list of provider contacts that have or have not performed review analysis of their data and coverages via the South Dakota generated provider coverage verification website application (aka our "provider portal"), and if necessary, follow up with those contacts on any issues noted.
- Perform a set of reviews using the NTIA provided scripts prior to submission. These script checks are also being performed by our subcontractor prior to the internal data deliverable to South Dakota. Inspect the data for any significant anomalies or differences to the defined standards.
- Utilize the South Dakota "provider portal", as well as internal GIS mapping tools, to perform visual inspections against known coverage locations, historical maps, and known provider territory boundaries.

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

Survey planning has begun. It was decided to partner with Dakota State University regarding their medical survey efforts. We will exchange our CAI data of medical facilities with their survey information they receive. Survey question database has been built but have not made them specific to the target market.

Marketing plans of broadband information need to be planned.

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

Priorities have been established in regards to the state portal, provider portal and CAI portal. The survey questions & possible answers need to be narrowed down & begin the marketing efforts.

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

Nothing specific but we will have to adapt as needs arise.

Funding

11e. How much Federal funding has been expended as of the end of the last quarter? \$0 11f. How much Remains? \$499,950
 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?

State broadband portal (February)
 Survey section on broadband portal (2Q 2011)
 Survey collection (3Q & 4Q 2011)
 Survey & Broadband Analysis (3Q- 4Q 2011)

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

We feel that we are making good progress & generating significant momentum in our projects. The statewide portals will all be completed in 1Q 2011. That will be a tremendous benefit to begin our marketing, survey, verification and outreach efforts. Completing our 3rd data collection should provide us a solid foundation of broadband data to analyze. We look forward to engaging our Broadband Advisory Team to solicit additional detailed feedback on our efforts. Staffing should be complete in 1Q also.

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

Jim Edman

Deputy Commissioner

12c. Telephone
(area code, number, and extension)
(605) 773-4861

12d. Email Address
Jim.Edman@state.sd.us

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

03-07-2011