U.S. DEPARTMENT OF COMMERCE	2. Award Or Grant Number
	46-50-M09053
Performance Progress Report	4. Report Date (MM/DD/YYYY)
	11-03-2010

1. Recipient Name	6. Designated Entity On Behalf Of:
South Dakota Bureau of Information & Telecommunications	N/A

3. Street Address	8. Final Report?	9. Report Frequency
700 Governor's Drive,	◯ Yes ◉ No	◉ Quarterly ◯ Semi Annual ◯ Annual ◯ Final

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

7. Project / Grant Period Start Date: (MM/DD/YYYY)	7a. End Date: (MM/DD/YYYY)	7b. Reporting Period End Date:	9a. If Other, please describe:
12-20-2009	12-19-2014	09-30-2010	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
38	38	35	0	36	36

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 in the project.
Provider Name: Challenge Description - Status Description
M&N Wireless / Pierre, SD   Held multiple meetings and conversations, ultimately does not support goals of broadband mapping program. "The map is an exercise and our participation is a waste of time."
Northern Wireless / Bath, SD. Received this response from multiple e-mail messages & phone calls. "We have chosen not to participate in the project."

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
1. CAI portal - verify CAI speeds - Dec 2010
2. Crowdsourcing portal - Speed test portal for general public - Early 2011
3. Utilize school technologists to verify speeds for K-20. - Early 2011
4. Utilize K-20 students & faculty to perform tests at home. - Early 2011
5. Utilize telecommunications providers to confirm speeds at client locations while on-location. - Early 2011
6. Utilize internal government resources to complete field tests. - Early 2011
7. Ingest data from FCC speed test resources where applicable. - Early 2011

10g. Have you initiated verification activities? ◯ Yes ◉ No

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

N/A

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

CAI verification portal will be operational in December. The speed test will be a part of the state broadband portal which is scheduled to go live in early 2011. That will be the basis for tests 2 - 6 listed above to be accomplished. CAI communications are prepared and lists of key CAI contacts have been established.

Staffing

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

0 as of September 30, 2010. Additional staffing will be added starting in October though.

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 staffing plan was waiting for the Supplemental Grant award to be made. The SD award was made in September so dedicated staffing efforts will begin in October.

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 Planner	100	10/28/2010
Technical Assistance / Computer Usage Program	100	12/31/2010
Technical Assistance / Computer Usage Program	100	03/31/2011

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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
BroadMap, LLC	GIS Mapping	Y	Y	01/01/2010	12/28/2014	1,526,407	252,000
Dakota State University	Broadband Planning	N	Y	09/20/2010	12/28/2014	340,000	0
SD Public Broadcasting	Broadband Planning	N	N	12/01/2010	12/28/2014	102,000	0

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Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $756,906   10q. How much Remains? $4,972,509

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	$38,180	$0	$38,180
Personnel Fringe Benefits	$586,743	$150,000	$736,743	$6,112	$0	$6,112
Travel	$114,265	$0	$114,265	$1,018	$0	$1,018
Equipment	$790,680	$105,522	$896,202	$71,148	$0	$71,148
Materials / Supplies	$5,000	$0	$5,000	$0	$0	$0
Subcontracts Total	$1,938,576	$252,000	$2,190,576	$631,828	$0	$631,828
Subcontract #1	$1,289,567	$252,000	$1,541,567	$631,828	$0	$631,828
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

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Other	$495,000	$474,819	$969,819	$8,619	$474,819	$483,438
Total Direct Costs	$5,729,415	$1,432,341	$7,161,756	$756,906	$0	$756,906
Total Indirect Costs	$0	$0	$0	$0	$0	$0
Total Costs	$5,729,415	$1,432,341	$7,161,756	$756,906	$474,819	$1,231,725
% Of Total	80	20	100	13	33	17

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
$23,152 - servers to host web sites & mapping data
$6,027 - Server operating systems

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

Visual Studio software for GIS development ($11,895) - Software was purchased after the end date of this reporting period.
Laptop computers for staff ($15,000) - Awaiting staff hires.

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
Provider Portal (December 2010)
Broadband Advisory Team (has met 2 times: 7/2010 & 10/2010). Next face-face meeting is early 2011.
CAI Portal (December 2010)
State Portal (January 2011)
Broadband Capacity Planning Position (October 2010)
Technical Assistance Position #1 (November 2010)
Technical Assistance Position #2 (1Q 2011)

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

Portal development not on schedule - New talent brought in to develop portals.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
We have received great participation from our broadband provider community. Getting defined set of data standard structures / process makes for a easier data gathering step but we understand that this is a learning & new process for all of us.
With the Supplemental Grant being finalized - we are aggregating all broadband aspects (broadband mapping, leading practices, planning, supplemental) of the project into a single plan. That is still being formulated. Anne, Phil, Andrew, etc. have all been very good to work with.

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

Detailed Project Plan is being finalized. The survey instruments, target markets, scope, marketing / publicity, methods, data gathering, and analysis steps need to be detailed. Our initial broadband survey to the medical community should be delivered late 2010.

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

It took a while to get the grant approved but we have agreed upon goals. As mentioned above, we are aggregating all of the broadband activities to put together a single plan incorporating mapping (GIS), planning, etc. The planning details specific to surveying different market areas (medical, consumer, agriculture, business, broadband provider) is being put together right now.

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
Yes - the "Plan" is an outline but we expect to improvise, adapt & overcome as need be throughout the life of the grant. The "changes" are not known but we hope to execute, learn, adapt and refine the plan as we accomplish individual market surveys and adapt those lessons learned. We have built our outline from our expectations of the market needs and desires, but are leaving flexibility for adjustments that may provide greater benefits should one or more broadband market's survey results suggest a new course of action.

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

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?

Contracts and/or planning for marketing and surveys mentioned in Broadband Mapping subcontract section has been begun. Contract for the broadband market surveys and analysis has been executed. Outline of requirements for marketing efforts in broadband plan has been developed.

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

Planning efforts are in their early stages. No challenges have been encountered since approval of our project.

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

Key marketing opportunities and partners for broadband adoption and planning have been established. SD providers have been open and helpful in finding additional opportunities to increase marketing exposure of our planning efforts. Statewide Broadband Advisory Team members are also getting engaged in their respective companies, and additional parties not initially included in the team have come forward, requesting to join the team and help where they can.

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) 11-18-2010