

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
20-50-M09021N

4. Report Date (MM/DD/YYYY)
07-12-2012

1. Recipient Name
State of Kansas Department of Commerce

6. Designated Entity On Behalf Of:
Kansas

3. Street Address
1000 SW Jackson Street,

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

5. City, State, Zip Code
Topeka, KS 666121300

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:
06-30-2012

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

The following providers refused participation in the April, 2012 data submission:
Lawrence Freenet: 020212-talked to Joshua Montgomery-Will not participate-thinks Government funding is not going to small providers, large providers not accurately reporting coverage which hurts small providers access to government subsidies/funds, incentive for providers to elaborate coverage since adjacent area is where funding happens - Agreed to participate AT A LATER DATE if accuracy improves with the data, call again for next submission with update. Mobil1.net (Mobilcom): 020212-left msg for Phillip Rankin; 020912-Refused participation. We will follow-up with both Lawrence Freenet and Mobil1.net and regarding their participation in the October, 2012 data submission. While outside the reporting period, we recently received word from SureWest that they will not be able to participate in October, 2012 data submission. They have stated that this is due to a staffing issue and that they plan to participate in the next data submission. We plan to follow-up with the KSBI and NTIA team members accordingly to seek advice on how to proceed.

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
During the past quarter, the KSBI implemented a variety of verification activities; however, more activities are in the planning and development stages: • Comparisons against independent data:Third party datasets, particularly those used in the National Broadband Map Data Quality Assessment and customer speed test databases, will be evaluated for data quality, currency and cost to determine their value in performing independent validation of the December 31, 2011 dataset. • Increase Public Awareness of the KS Broadband Initiative: The Initiative will develop educational outreach tools that will provide opportunities for the general public to verify and validate broadband service data. Such tools may include interactive displays at public events, such as the KS State Fair, where citizens can provide feedback about their broadband service. • Significant effort was made during the past quarter to ensure the completeness and geospatial accuracy of the CAI data layer through the incorporation of existing state data resources and validation techniques. During the coming months, DASC plans to further enhance this data set with additional attribute information supplied by the KanEd Network. • Public Interactive Map - the public version of the interactive map is near completion and is scheduled to go live in August. The site provides access to the current public release of the data with a variety of "views" included broadband availability, speed, and transmission technology. The application also provides a query tool to lookup broadband providers and speeds, address search, administrative boundaries overlays, and print-to-pdf functionality. (Graphic Provided as Attachment.)

10g. Have you initiated verification activities? Yes No

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

Provider Feedback & Verification Portal - this portal includes three components: an interactive mapping application, a provider survey form, and a web site for posting documents and announcements. The provider portal was launched on July 1st, 2012 and is an integral part of DASC's communication with the Kansas broadband provider industry. 1. The interactive mapper provides an easy way for providers to quickly view the data from their previous submission and determine if updates are needed. The map is rendered by transmission technology and speed. Each company received a unique URL that defaults to the extent of the provider's data. 2. Survey Component - upon reviewing the data from the previous submission, each provider is asked to confirm/edit their Provider Name/FRN, contact information, and if they will be providing updates for the next submission. 3. Web Site - the provider web site includes information and documents related to the state and national broadband mapping initiatives, including data submission timeliness, geodatabase standards and mapping techniques, and links to data submission spreadsheets. This site will continue to grow with additional information during the coming months. (Graphics Provided as Attachment.

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?

1.05. Program Director at .91 and Program Manager at .41 which transitioned to contractor status in Q212.

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

KSBI will retain six FTE / contractors to fulfill ongoing and remaining elements of the program. In the interim, a part-time data collection consultant and two part-time planning consultants are on-board to support additional data project outputs and to provide additional infrastructure and support to accelerate category fulfilment and achievement of milestones.

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

6

10n. Staffing Table

Job Title	FTE %	Date of Hire
Program Director	100	09/01/2011

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
Ivaluation	Program Consulting	N	Y	01/01/2012	12/31/2012	26,775	0
Connected Nation	Data Collection & Mapping	N	Y	07/01/2011	10/31/2011	63,788	0
KS Geological Survey, Data Access & Support Center	Data Collection & Mapping	N	Y	01/01/2012	12/31/2012	138,539	0
KRC, Inc.	Program Implementation	N	Y	04/01/2012	09/30/2012	15,660	0
Brainzoom	Meeting Facilitation	N	Y	05/17/2012	05/17/2012	750	0
KCC Contractor	Data Tabulation & Analysis	N	N	04/01/2012	09/30/2012	0	3,727

Add Row

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Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$388,381 10q. How much Remains? \$4,558,261
 10r. How much matching funds have been expended as of the end of last quarter? \$73,297 10s. How much Remains? \$1,016,707

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	\$205,833	\$275,000	\$480,833	\$82,237	\$44,338	\$126,576
Personnel Fringe Benefits	\$72,042	\$7,242	\$79,284	\$21,181	\$13,777	\$34,959
Travel	\$165,500	\$6,524	\$172,024	\$14,329	\$293	\$14,622
Equipment	\$139,000	\$20,000	\$159,000	\$0	\$0	\$0
Materials / Supplies	\$136,500	\$20,000	\$156,500	\$0	\$0	\$0
Subcontracts Total	\$3,566,127	\$702,266	\$4,268,393	\$245,512	\$3,727	\$249,239
Subcontract #1	\$1,580,625	\$140,453	\$1,721,078	\$26,775	\$0	\$26,775
Subcontract #2	\$1,090,802	\$217,703	\$1,308,505	\$63,788	\$0	\$63,788
Subcontract #3	\$894,700	\$344,110	\$1,238,810	\$138,539	\$0	\$138,539
Subcontract #4	\$0	\$0	\$0	\$15,660	\$0	\$15,660
Subcontract #5	\$0	\$0	\$0	\$750	\$3,727	\$4,477
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$7,083	\$11,161	\$18,244
Total Direct Costs	\$4,285,002	\$1,031,032	\$5,316,034	\$370,343	\$73,297	\$443,640
Total Indirect Costs	\$857,000	\$58,971	\$915,971	\$18,038	\$0	\$18,038
Total Costs	\$5,142,002	\$1,090,003	\$6,232,005	\$388,381	\$73,297	\$461,677
% Of Total	83	17	100	84	16	100

Hardware / Software

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

10v. If yes, please list

Subcontract #5 is a combination of two vendors as detailed in 10o.

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

Not aware of any current plans to purchase software.

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

Update Community Anchor Institution (CAI) data layer - during the past quarter, DASC has been working to update and enhance the CAI data layer through the incorporation of existing geospatial data sets from the Kansas Adjutant General's Department and Kansas State Librarian. The Adjutant General's Department maintains a "structures" database with considerable overlap with the CAI features. This database is high-quality and up-to-date and will be used as an ongoing resource for maintenance of the CAI layer. Additionally, DASC received information from the state Librarian and is working to incorporate that information as well. A revised CAI layer will be included in the October, 2012 data submission. Research Advertised Upload/Download Speeds - during the past quarter, DASC searched available provider web sites to record advertised upload/download speeds. This information will be used as a cross-check against the current and incoming datasets. DASC plans to refresh this information atleast twice a year.

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

DASC has streamlined the data collection process for Kansas providers by digitizing all hard copy data it received and creating provider-specific files for review one-on-one with Providers on-going, as able. Additionally, Adobe Connect meetings have proven valuable to help educate Providers on national methodology standards and best practices to increase participation as well as the accuracy of the data received.

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

In support of ongoing communications and building stronger relationships with Kansas-based Broadband Providers, KSBI and DASC hosted a Provider Pilot Roundtable at the University of Kansas on May 17, 2012. Goals included validating direction and focus for a Provider Roundtable designed to streamline the Data Collection and Mapping process based on the subjective needs of Kansas Broadband Providers. Key Meeting Takeaways: • Much interest in better transparency regarding how data will be used. • Appetite exists to define "accuracy" and identify a plan to get there utilizing a phased-enhancements approach. • Assurances needed that submission of accurate data will not de-position small providers in rural area. • Desire for better definition of middle versus last mile infrastructure and responsibility. • Call for standardization of reliable independent measures for speed and latency testing. • Increase Uniformity in Reporting Attributes. • Facilitate Accountability. • In support of project management plan requirements, a Data Milestones Calendar was developed. Utilizing the calendar deliverables, numerous status sessions with DASC were conducted to identify additional value-added statistical reports and analysis to further support Legislative relationships and preparation of broadband coverage reports for regional energy projects, among other layer detail options including the State's CAI broadband presence. Key Calendar Elements: • Project Reporting • Broadband Service Provider Roundtables / Interaction with Industry • Master List and ongoing service provider communication items • Data Collection – Planning / Service Provider Outreach / Web Portal – Provider Feedback Package / CAIs / Speed Tests • Data Submission Timeline – Data Validation, Cartographic Development and Data Submission • Establish Broadband Data and Interactive Planning Map including identification of strategic implications • Map Feedback / Correction Process / Site traffic analysis.

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

RTPTs: Project 17 – SE Sector Manufacturing Initiative: KSBI hosted two stakeholders planning sessions on April 30 to further refine and identify the types of resources needed to engage regionally-based Economic Development Councils in broadband planning and utilization practices designed to support business recruitment, relocation and expansion. Community Anchor Institution Workshops - "Broadband Everywhere" State Library System internet town hall meeting, August 22. Serve as technology-based economic development advisors for key audiences in attendance including Providers, the Governor's Office, all House and Senate candidates, mayors, municipals, state agencies and small businesses owners. Recruit regional stakeholders for subsequent planning meetings including first responders in support of Public Safety and First Net initiatives. "The Kansas Jubilee," eBay to eCommerce Conference, October 26-27, at Ft. Hays State University is a catalyst for starting and expanding businesses online and a natural fit for the KSBI program. Tutorials will provide instruction for rural communities and two unique partnership opportunities present themselves including the Ft. Hays hospital's telemedicine program - and healthcare applications for advanced (fiber) network deployment and utilization in the private sector - and The Kansas Small Business Development Center organization is head-quartered at Ft. Hays, with 17 affiliate sites statewide. KSBI will host the second annual Rural Opportunities Conference, November 7 – 8, in Junction City to promote programs and resources for technology-based economic development and an increased understanding of how the bi-annual mapping requirement is plotted, presented as well as implications for strategic planning and layer detail. Utilizing Broadband to deliver virtual job fairs on behalf of the private sector with an objective of job creation will be emphasized as well.

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

KSBI is eager to collaborate with external advertising and marketing agencies not only to formalize the existing Communications Plan but to deliver an on-site web presence that fully supports the vision and necessity of statewide broadband access and utilization. A custom website for the Kansas Statewide Broadband Initiatives program is underway and will support content for consumers, business entities, local municipalities and the Provider community at large. Dedicated support from the agency's Public Information Officer will add tremendous Media Relations value and reveal additional Kansas-based broadband success stories.

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

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?

Uniform resources based on scientific data results will bring Regional Technology Planning Teams to fruition. Next steps for the RTPTs focus on the commission of custom-research to identify and confirm the types of resources community-based Economic Development Councils require to move forward with broadband utilization planning in support of business recruitment, retention and expansion in the context of Rural America. Confirmation of tool kit contents for broadband Utilization optimization, as well as Access tool kit contents for connectivity-challenged communities, will greatly increase the number of Kansas communities that fully embrace technology-based economic development solutions to realize the full potential, and necessity, of broadband services at the local level. Tool kits will be accompanied by instructor led Train-the-Trainer sessions for Economic Development Council members in market, online Training Manuals, assessments, surveys and measureable objectives for each RTPT and their subjective events and projects. The primary win for KSBI in Q212 was the commission of custom research, surveys and analysis to support over-arching program objectives, including a dedicated study of the State's KanEd agency that provides internet services for K-12 schools. Request for Proposals are due in August and the vendor will be selected and deployed before the end of Q313.

11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing. The KSBI program office is positioned to fully develop and deploy category-specific programs now that staffing recommendations have been accepted. Current program developmental challenges include the need for private-sector expertise to graduate current resources into more functional, efficient and value-driven services that appropriately support KSBI's potential, as well as the expectations the State's Administration and the NTIA have for this program. Gaining buy-in and support from key stakeholders in the State's

Administration and the Department of Commerce to forge critical partnerships in the private sector to bridge the strategic divide have been met with great success.

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

Pending State Match contributions include \$250,000 from the Kansas Legislature for the KanEd study. Match agreements with the Kansas Corporation Commission (state utility office) and the State Library System have been proposed via Memos of Understanding for each agency. Once feedback and refinements are received from KCC and the Library System the MOU content and inter-agency agreements can be formalized to facilitate quarterly ARRA and NTIA reporting requirements.

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

Tricia Kensinger-Rice

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

12d. Email Address

trice@kansascommerce.com

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

08-30-2012