

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

40-50-M09059

4. Report Date (MM/DD/YYYY)

01-03-2012

1. Recipient Name

State of Oklahoma

6. Designated Entity On Behalf Of:

N/A

3. Street Address

2300 N Lincoln Boulevard,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Oklahoma City, OK 73105-4801

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:

12-31-2011

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

Terral, Wavelinx, Grandlinx, and Whitespace — all are owned by same company; they are currently categorized as 'not participating'.

We will contact them again in Submission 5.

Oklahoma Western Telephone Company - they are currently categorized as 'not participating'. We will contact them again in Submission 5.

WEHCO Video, Inc. — they are currently categorized as 'not participating'. We will contact them again in Submission 5.

Fulltel- they are currently categorized as 'not participating'. We will contact them again in Submission 5.

Logix Communications, LP - they are currently categorized as 'not participating'. We will contact them again in Submission 5.

eVolve Business Solution LLC - they are currently categorized as 'not participating'. We will contact them again in Submission 5.

Utopian Wireless Corporation - they are currently categorized as 'not participating'. We will contact them again in Submission 5.

Meriplex communications - they are currently categorized as 'not participating'. We will contact them again in Submission 5.

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 rural TELCOS/ILECs, Sanborn derived data from legal descriptions, FCC Form 477 data provided by the providers and other available information along with support from those providers in submissions 1 thru 4. This was a very time-consuming activity but Sanborn was successful in compiling the information for the majority of these providers. Providers that provided FCC Form 477 have also utilized the Provider Portal website to make edits to their data included to be included in Submission 5.

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

i. Preliminary QC of the data provided by the providers to make sure all relevant data are provided.

ii. QC of the data after data processing — this involves standard checks to ensure that values in fields are valid, spatial checks to make sure data are in the right locations and processed correctly, etc.

iii. Providing check-plots/maps/web application to broadband providers with their data mapped.

iv. Comparison of the data to publicly and commercially available broadband dataset — Exchange boundaries for DSL, MediaPrints for Cable and Fiber and others as deemed necessary. We are also using Speedtest.net data for some speed validations.

v. Web Surveys.

vi. Speed Tests.

vii. Sanborn is planning to implement additional QC checks as it pertains to 'changes and corrections' to provider data from one submission to another.

viii. Sanborn is also checking/confirming speed technology with providers based on NTIA guidelines.

The University of Oklahoma Center for Spatial Analysis, a member of the State Broadband Mapping Project team, is also conducting independent verification, which includes working with state GIS staff from across the state to do data validation.

10g. Have you initiated verification activities?  Yes  No

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

Sanborn performs preliminary QC checks on the data from the time it arrives to when data are processed and put through final QC. This process has been applied to all datasets received from providers. During QC Sanborn utilized outside datasets such as speed tests and data received from crowd sourcing through digital surveys.

We have established social media campaigns on Facebook, Twitter and Wordpress.com and continually send out messages encouraging individuals to take the online surveys. In addition we conducted phone surveys targeting Community Anchor Institutions (CAI) beginning with those institutions in areas where no services were shown from the previous Broadband map. We continued to focus telephone survey efforts for CAI's on the NW quadrant of the state. Once we are able to reach a representative from the CAI, we ask them to provide survey information to all of their friends, colleagues and family members who are residents of the State. This will continue until either all CAI's are contacted or the project ends. When possible CAI's are directed to the web site with the speed test and asked to take the test and confirm the speed of their connection. When all the CAI's have been contacted, we will identify businesses in targeted communities for calling.

The survey information received during this quarter was compared to the Sanborn coverage map and a new validation geodatabase was provided to Sanborn. In addition, Sanborn was provided with all of the surveys for points that conflicted with information provided from the service providers. This information included the type of service the respondent currently receives. Sanborn was also provided with all information provided from telephone surveys of Community Anchor Institutions.

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?

5 FTE

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?

N/A

10n. Staffing Table

Job Title	FTE %	Date of Hire
Broadband Mapping Project Coordinator	50	04/01/2009

### 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
The Sanborn Map Company	Mapping vendor, data gathering for NTIA & State	Y	Y	01/28/2010	12/31/2014	2,829,863	154,463

### Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,519,825      10q. How much Remains? \$2,295,360  
 10r. How much matching funds have been expended as of the end of last quarter? \$453,974      10s. How much Remains? \$652,899

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	\$340,750	\$383,773	\$724,523	\$88,393	\$44,274	\$132,666
Personnel Fringe Benefits	\$102,300	\$144,869	\$247,169	\$28,104	\$17,710	\$45,814
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$48,000	\$0	\$48,000	\$0	\$0	\$0
Subcontracts Total	\$2,829,863	\$154,463	\$2,984,326	\$1,241,328	\$0	\$1,241,328
Subcontract #1	\$2,829,863	\$154,463	\$2,984,326	\$1,241,328	\$0	\$1,241,328
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	\$445,266	\$423,768	\$869,034	\$162,000	\$391,990	\$553,990
Total Direct Costs	\$3,766,179	\$1,106,873	\$4,873,052	\$1,519,825	\$453,974	\$1,973,798
Total Indirect Costs	\$49,006	\$0	\$49,006	\$0	\$0	\$0
Total Costs	\$3,815,185	\$1,106,873	\$4,922,058	\$1,519,825	\$453,974	\$1,973,799
% Of Total	78	22	100	77	23	100

**Hardware / Software**

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

10v. If yes, please list

N/A

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

NAVTEQ Address Database - Enterprise wide license for the State of Oklahoma. (Purchased in Q2, 2010.)

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

10aa. If yes, please list

1. Community Anchor Institutions:

The State continued to send follow-up emails to all of the Community Anchor Institutions across Oklahoma thanking those that have completed the Community Anchor Surveys and Speed Tests, and requesting those that haven't to please do so. During Q4 2011 the State had 207,791 hits on the Oklahoma Broadband Maps website.

2. The State held Broadband Planning meetings and is now commencing the tasks in line with our project plan for Broadband Planning (See 11a.)

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

No new challenges during Q4, 2011.

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

None at this time.

**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

The Broadband Planning project team commenced execution of the tasks for the Planning activities spanning the next two years: a) analysis of the mapping data; b) defining the challenges and opportunities to adoption of broadband; c) collecting consumer data concerning the use of broadband in underserved and unserved areas; d) identifying and developing priorities and strategies for expanding broadband accessibility in the underserved and unserved areas; e) developing consumer education and awareness initiatives; and f) developing a strategic plan that will leverage community colleges, schools, libraries, hospitals and other key community-based facilities to promote broadband applications and realize broadband potential for community development.

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

None at this time - project is on schedule.

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

N/A

**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

11i. Planning Worksheet

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?

The Broadband Planning project team is establishing a Broadband Advisory group including members from broadband providers, municipal leagues, Native American Broadband Association, State Department of Commerce, Department of Libraries, Regents for Higher Education and others.

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

None at this time - project is on schedule.

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

Richard Clark

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

4055224971

12d. Email Address

richard.clark@osf.ok.gov

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

01-17-2012