

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

40-50-M09059

4. Report Date (MM/DD/YYYY)

01-10-2011

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:

12-31-2010

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

Terral, Wavelinx, Grandlinx, and Whitespace – All are owned by the same company. They were contacted in July, 2010 by Sanborn. They did NOT respond to our request to participate in submission 2. They have been categorized 'Not Participating'.  
 Ozark Telephone Company - they are a rural provider, we have contacted their rural lawyer and have never received a response back after multiple contacts.  
 Seneca Telephone Company –They are a part of Ozark and have been unresponsive – non- trusting of government.  
 Chickasaw Telephone Company – they are a rural provider, we have contacted their rural lawyer and have never received a response back after multiple contacts.  
 Oklahoma Western Telephone Company - they are a rural provider, we have contacted their rural lawyer and have never received a response back after multiple contacts.  
 Pine Telephone Company - they are a rural provider, we have contacted their rural lawyer and have never received a response back after multiple contacts. Since Pine has received a BTOP grant they should now provide data.  
 WEHCO Video, Inc. – responsive and then they became unresponsive in submission 1. We sent multiple requests for submission 2 but WEHCO was unresponsive. We will try again when we start Submission 3.

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 submission 1. This was a very time-consuming activity but Sanborn was successful in compiling the information for the majority of these providers. On submission 2, we did NOT receive any FCC Form 477 data. Providers that previously provided FCC Form 477 used the Provider Portal website to make edits to their data or they noticed the data wasn't as granular as they liked so they provided more detailed data that further refined their data in submission 2.

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

- i. Preliminary QC of the data provided by the provider 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

The University of Oklahoma Center for Spatial Analysis, a member of the State Broadband Mapping Project team, will also conduct 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 the quarter October-December 2010 we mailed 4000 surveys to households in rural Oklahoma. As surveys were received the responses were geocoded into a state-wide shapefile which was compared to Sanborn's coverage map. We also received points/addresses from law enforcement departments that were cross checked in order to verify Sanborn's coverage map with a focus on remote rural areas. These address points have been incorporated into our statewide data with points in error provided to Sanborn. We have identified businesses in the areas and contacted the identified businesses and verified their broadband availability. These points were incorporated into the statewide data. We continue to receive mail and online surveys and geocode those as they arrive.

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

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
The Sanborn Map Company, Inc.	Mapping vendor data gathering for NTIA & State	Y	Y	01/28/2010	12/31/2011	2,761,129	154,460

Add Row

Remove Row

### Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$991,475      10q. How much Remains? \$2,823,710

10r. How much matching funds have been expended as of the end of last quarter? \$296,155      10s. How much Remains? \$810,718

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	\$13,922	\$28,094	\$42,016
Personnel Fringe Benefits	\$102,300	\$144,869	\$247,169	\$5,967	\$11,237	\$17,204
Travel	\$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
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$48,000	\$0	\$48,000	\$0	\$0	\$0
Subcontracts Total	\$2,761,129	\$578,231	\$3,339,360	\$809,585	\$256,824	\$1,066,409
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	\$514,000	\$0	\$514,000	\$162,000	\$0	\$162,000
Total Direct Costs	\$3,766,179	\$1,106,873	\$4,873,052	\$991,474	\$296,155	\$1,287,629
Total Indirect Costs	\$49,006	\$0	\$49,006	\$0	\$0	\$0
Total Costs	\$3,815,185	\$1,106,873	\$4,922,058	\$991,474	\$296,155	\$1,287,629
% 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 a prior quarter.)

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

10aa. If yes, please list

- Creation of the Oklahoma Broadband website with open source technology
- Demonstrated the Oklahoma Broadband Map to NTIA and received accolades about the website from NTIA as one of the 5 best they have seen
- Began creation of the website map gallery
- Soft launched the Oklahoma Broadband Interactive Map website
- Reviewed and enhanced processes in preparation of Submission 3
- Engaged the Community Anchor Institutions to complete Broadband surveys and perform speed tests
- Validation of data performed by the University of Oklahoma Center for Spatial Analysis
- Verification of data performed by providers through a secured portal
- Completed Submission 1 and 2

• Supplemental Grant Application for Continuation of Broadband Mapping – years 3-5 was accepted and approved

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

Sanborn has faced minor challenges working with Rural Telcos and satellite companies. They have been able to mitigate them through discussions with the State and NTIA. Other issues and challenges have been the time taken to deal with providers, getting data from them in the correct format (or any usable format), making them understand the benefits of the program, etc. Sanborn has been able to do this through sheer persistence and tracking providers diligently in their Provider Tracker application.

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

No work has begun on the Broadband Planning project.

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

N/A

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
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

11i. Planning Worksheet

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. The project has not been started.

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)

01-25-2011