U.S. DEPARTMENT OF COMMERCE **Performance Progress Report**	2. Award Or Grant Number 40-50-M09059
	4. Report Date (MM/DD/YYYY) 07-10-2012

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: 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

EasyTEL Communications - Difficult contacting. Did not respond to outreach. Will contact again for Submission 6.
eVolve Business Solution LLC/Cincinnati Bell Inc. Difficult contacting. Did not respond to outreach. Will contact again for Submission 6.
Fulltel - Difficult contacting. Did not respond to outreach. Will contact again for Submission 6.
Meriplex Communications, LDT - Still declined to participate. Will contact again for Submission 6.
OneNet - Did not respond to data request. Will contact again for Submission 6.
Rhino Communications - Difficult contacting. Did not respond to outreach. Will contact again for Submission 6.
Stratos Offshore Services Company - Difficult contacting. Did not respond to outreach. Will contact again for Submission 6.
Terral Telephone Co. - in addition, Wavelinx, Grandlinx, and Whitespace all are owned by Terral Telephone Co; Did not respond to outreach. Will contact again for Submission 6.
Utopian Wireless Corporation - Difficult contacting. Did not respond to outreach. Will contact again for Submission 6.
Vroom Wireless, LLC - Difficult contacting. Did not respond to outreach. Will contact again for Submission 6.
WEHCO Video, Inc. - Difficult contacting. Did not respond to outreach. Will contact again for Submission 6.

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 5. This was a very time-consuming activity but Sanborn was successful in compiling the information for the majority of these providers. Providers that provide FCC Form 477 will also utilize the Provider Portal website to make edits to their data that will be included in Submission 6.

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. Issues found during Internal Validation are then pointed out to providers using the provider portal.
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 data from the FCC speed test for some speed validations.
v. Providing check-plots/maps/web application to broadband providers with their data mapped.
vi. Web Surveys conducted from our Oklahoma Broadband site.
vii. Speed Tests conducted from our Oklahoma Broadband site.
viii. Sanborn has implemented additional QC checks as it pertains to 'changes and corrections' to provider data from one submission to the next. Towards the end as we are preparing the data for submittal, we review the data to make sure there were no huge changes in records between submissions. If something looks out of the ordinary we go back to the provider to verify.

ix. 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. Sanborn also provides each submission's non-confidential data to the University of Oklahoma Center for Spatial Analysis for additional verification. Any conflicts noted in the data by Oklahomans, based on outreach done by OU, are confirmed as valid by Sanborn and then given to the provider to validate/correct via Sanborn's provider portal.

We also have established social media campaigns on Facebook, Twitter and Webpress.com and continually send out messages encouraging individuals to take the online surveys. In addition we conduct phone surveys targeting Community Anchor Institutions (CAI) beginning with institutions in areas where no services are shown from the previous Broadband map. Once we are able to reach a representative from the CAI, we ask them to also provide survey information to all of their friends, colleagues and family members who are residents of the State. This will continue until all CAI's are contacted. We have begun traveling to targeted communities to both promote the Broadband initiative and collect validation data through face-to-face interviews with owners and employees of businesses.

We have completed 195 face-to-face interviews resulting in 289 additional validation points. Residents are encouraged to take the online speed test and referred to the website for information about the broadband initiative. We also hand out surveys and postage paid return envelopes.

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	Mapping vendor, data gathering for NTIA & State	Y	Y	01/18/2010	12/31/2014	2,829,863	154,463

Add Row	Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $1,908,577   10q. How much Remains? $1,906,608

10r. How much matching funds have been expended as of the end of last quarter? $570,094   10s. How much Remains? $536,779

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	$133,400	$55,995	$189,395
Personnel Fringe Benefits	$102,300	$144,869	$247,169	$52,937	$22,398	$75,335
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	$1,560,240	$67,933	$1,628,173
Subcontract #1	$2,829,863	$154,463	$2,984,326	$1,560,240	$67,933	$1,628,173
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	$423,768	$585,768
Total Direct Costs	$3,766,179	$1,106,873	$4,873,052	$1,908,577	$570,094	$2,478,671
Total Indirect Costs	$49,006	$0	$49,006	$0	$0	$0
Total Costs	$3,815,185	$1,106,873	$4,922,058	$1,908,577	$570,094	$2,478,671
% 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

Community Anchor Institutions:

a. The State has continued to promote and increase the amount of Community Anchor Surveys and Speed Tests data gathered on the Oklahoma website. We now have collected surveys from 1,153 Community Anchor Institutions across Oklahoma and added their information to the Oklahoma Broadband Maps.

b. The State of Oklahoma is conducting a Broadband Outreach campaign to also assist with increasing CAI numbers for future submissions.

Provider information:

a. Letters were prepared to be sent to the providers for Submission 6. The National Telecommunications and Information Administration (NTIA) has chosen to not make any data model changes for Submission 6.

Broadband Planning/Outreach:

a. The State held additional Broadband Planning/Outreach meetings and is continuing 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

Sanborn is requesting that providers submit their max advertised speeds in mbps format instead of the speed tiers. The speeds in mbps will provide Sanborn with more detailed information regarding each provider's service availability and allow more analyses to be conducted. Sanborn has faced some minor challenges helping providers understand this request such as, ensuring the speeds in mbps and speed tiers are consistent when both formats are submitted, and verifying speeds in mbps are collected for each technology the provider offers.

Sanborn continues to encounter minor challenges explaining to providers NTIA's data model for wireline data. Sanborn works with the providers to explain the wireline data model and how census blocks less than two square miles are shown as served and census blocks greater than two square miles show only the road segments as served.

Sanborn also continued to face minor challenges from a large provider who provided speed information by Core Based Statistical Areas (CBSA) instead of by census block and road segments. Sanborn aggregated the data and asked the provider to validate it.

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

NOTE: On the Q1-2012 PPR there was an erroneous entry made on the Budget Worksheet 10t for the line item entry 'Other' under the column 'Matching Funds Expended'. The cumulative matching funds amount of $450,588 exceeded the original Proposed In-kind amount of $423,768 by $26,820. This was due to an error in entering the total In-kind match on the 'Other' line item. There should have been an amount of $26,820 on the line item entry 'Subcontracts Total' under the column 'Matching Funds Expended' and the amount for the line item entry 'Other' under the column 'Matching Funds Expended' should have been $423,768. This has been corrected on this PPR under the column 'Matching Funds Expended' with the entry $67,933 (cumulative) on the 'Subcontracts Total' line item and the entry $423,768 on the 'Other' line item.

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 team continued to collect materials and identify regional needs, and began conducting the State's Broadband Outreach campaign. Monthly meetings were held with the Broadband Outreach Advisory Board, which includes members from broadband providers, municipal leagues, the Native American Broadband Association, the State Department of Commerce, the State Department of Libraries, the Regents for Higher Education and others.

The Planning team has engaged Community Anchor Institutions located across Oklahoma to complete Broadband surveys and perform speed tests. We also hand out surveys and postage paid return envelopes as well as other promotional materials so that individuals can share with others in their communities and/or use these to spread the information. We have now collected information from 1,153 Community Anchor Institutions and collected 1,303 public surveys and 5,719 speed tests.

The team continues to man booths at professional and community events. Numerous personal contacts have been made with local communities to spread awareness of the Broadband Initiative and establish locations for future events. Different versions of the Oklahoma Broadband Initiative informational brochure have been developed to target specific groups attending community events (examples are attached). The team conducts face-to-face interviews and refers residents to the Broadband Initiative website. Residents are also encouraged to complete the broadband survey and take the online speed test.

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.

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
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?

None at this time - the project is on schedule.

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.

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 - the project is on schedule.

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) 07-25-2012