

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

53-50-M09018

4. Report Date (MM/DD/YYYY)

07-28-2011

1. Recipient Name

Washington State Department of Information Services (DIS)

6. Designated Entity On Behalf Of:

N/A

3. Street Address

1110 Jefferson Street, SE, P.O. Box 42445,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Olympia, WA 98504-2445

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:

06-30-2011

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

Broadband Office program staff met with Wireless ISP's (WISPs) that have to date declined to submit mapping data. As a result of the meeting several of the attendees indicated they would now consider participating in mapping data collection for the fourth cycle.

Broadband program staff met with representatives of two major providers that have state regulatory obligations to build out broadband networks. As a result of the meetings one carrier has agreed to periodically inform the program of progress on these buildout commitments.

Letters were sent by program staff to providers to thank them for their participation in S3, invite new participants to the program and inform them about our plans for Submission 4. Only a handful of the providers have responded about the query regarding service area or speed changes.

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

Sanborn has piloted creating Satellites exclusion zone for the State of Washington by utilizing geoprocessing techniques such as hillshade analysis, elevation data. We will work with providers to see if these areas are a good reflection of their dead zones and if agreeable, such data will be incorporated into Submission 4 data. Otherwise, we may just upload a layer of information onto our map for users to see where dead zones might be. Other than this and previously reported data created for this area - no changes have occurred from previous quarters.

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

Sanborn is implementing the same verification activities as previous submissions. There is more in-depth verification being undertaken for some providers based on feedback provided during planning sessions or feedback from citizens and/or local officials.

10g. Have you initiated verification activities?  Yes  No

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

For the first three submissions, Sanborn has completed validation on the data and identified areas of concern for further investigation. Specific activities include:

- 1) QC of the data at various steps
  - 2) Spatial checks against public and commercial datasets
- For WA, we continued to use the following datasets for validation:  
 Exchange Boundaries: for DSL boundaries  
 MediaPrints: for Cable boundaries  
 Speedtest.net data

3) Verification by providers

In this Submission, along with the standard verification by providers using the Provider Portal, we also identified for providers issues that they needed to focus on regarding the findings from our validation team. This was done by sending them a letter that identified issues using screenshots and explaining to them what the error was and then asking them to fix those errors using the secure provider portal. A sample of the letter is provided in Appendix A in this document. This helps by making this process a little more targeted for the providers and allows them to hone into issues.

4) Speedtest data collection and other data collection for verification

We continue to use speedtest data and community anchor data crowdsourced for validation purposes.

5) Planning workshops and local validation

In this submission, we have tried very hard to incorporate and address feedback from planning workshops and local outreach conducted by State of Washington. We spoke to several providers which resulted either in a better explanation of their service area or an alteration of their service. For example, feedback from DIS and other providers resulted in a serious change in service area for Cascade and in another instance; Charter provided some clarification on why their area is correct. This will continue to be an ongoing activity with providers and we will work to resolve these issues in the months to come.

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?

3.0

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?

3.0

10n. Staffing Table

Job Title	FTE %	Date of Hire
Broadband Policy & Program Director	100	11/01/2009
Administrative Assistant	100	11/01/2009
Broadband Outreach & Communications	100	11/01/2009

**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
Sanborn Map Co	Mapping	Y	Y	12/28/2009	12/28/2011	1,359,045	339,761
Island County	Data sets	N	Y	12/01/2009	03/01/2010	34,400	8,600
Columbia County	Data sets	N	Y	12/01/2009	03/01/2010	32,000	8,000
Wahkiakum County	Data sets	N	Y	12/01/2009	04/19/2010	38,240	9,560

ComScore	historical data, download speeds, web browsing behavior	N	Y	04/20/2010	04/19/2012	36,000	9,000
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### Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,760,637      10q. How much Remains? \$5,553,405

10r. How much matching funds have been expended as of the end of last quarter? \$535,590      10s. How much Remains? \$1,293,106

#### 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	\$1,257,856	\$609,988	\$1,867,844	\$395,187	\$87,754	\$482,941
Personnel Fringe Benefits	\$282,625	\$137,149	\$419,774	\$106,958	\$23,216	\$130,174
Travel	\$89,138	\$5,710	\$94,848	\$10,884	\$2,519	\$13,403
Equipment	\$28,252	\$7,063	\$35,315	\$28,134	\$9,064	\$37,198
Materials / Supplies	\$57,864	\$3,524	\$61,388	\$15,598	\$3,895	\$19,493
Subcontracts Total	\$5,355,823	\$840,805	\$6,196,628	\$1,145,076	\$396,713	\$1,541,789
Subcontract #1	\$1,359,045	\$339,761	\$1,698,806	\$963,863	\$240,966	\$1,204,829
Subcontract #2	\$160,000	\$40,000	\$200,000	\$145,213	\$36,303	\$181,516
Subcontract #3	\$12,800	\$3,200	\$16,000	\$0	\$0	\$0
Subcontract #4	\$31,374	\$7,844	\$39,218	\$36,000	\$9,000	\$45,000
Subcontract #5	\$3,792,604	\$450,000	\$4,242,604	\$0	\$110,444	\$110,444
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$242,483	\$224,458	\$466,941	\$58,800	\$12,429	\$71,229
Total Direct Costs	\$7,314,042	\$1,828,696	\$9,142,738	\$1,760,637	\$535,590	\$2,296,227
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$7,314,042	\$1,828,696	\$9,142,738	\$1,760,637	\$535,590	\$2,296,227
% Of Total	80	20	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

Hardware: Mapping Plotter; Multifunction Color Printer; Electronic Whiteboard  
 Software: data management (Tableau); video-conferencing (Poly-Com)

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

Use of agency computers has permitted delay in purchasing computers. Legislation to transition the grant and program office from the state Department of Information Services (DIS) to the state Department of Commerce (COM) has passed and will require us to buy our computer assets currently in use.

10x. Has the project team purchased or used any data sets?  Yes  No

10y. If yes, please list

As previously reported:

GADBERRY Broadband Indicator Data

Media Prints Cable

Speed Test.net data

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

10aa. If yes, please list

N/A

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

N/A

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

Due to complications in re-locating the Finance Department financial data in this report is subject to update.

## 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

\*\* Direct stakeholder work with underserved areas and populations:

IN order to build or maintain relationships with Washington's tribes, program staff completed training with the Governor's Office of Indian Affairs, conducted outreach with representatives of the Confederated Tribes of the Colville Reservation, and presented the latest broadband map and information at the state's Centennial Accord meeting of tribal and state governments. Sanborn produced specialized cartography highlighting broadband availability on tribal lands in Washington state.

Program staff performed site visits to Newport, WA in Pend Oreille county and Winthrop, WA in the Methow valley, gathering information on historical buildout and current broadband deployment efforts from local providers and leadership.

\*\* App usage and development foundations

Planning and research has begun in preparation for demand-side promotion activities, including the apps contest.

The first results were received from contracted work to use state government data resources to assess broadband impact and opportunities.

\*\* Mapping: Washington portal continuous improvement

The program website <http://www.broadband.wa.gov> was relaunched with a new look, improved navigation, and more dynamic content management. The mapping portal also relaunched with a new look, an updated version of the mapping application based on leading practices from other states including Massachusetts, and enhanced citizen feedback.

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

\*\* Program transition to WA Dept. of Commerce:

Legislation adopted in special session will move broadband program to WA state Dept of Commerce on October 1, 2011. Transition planning in progress, including regular transition meetings, issues log.

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

None

## 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?  
 Conducted site visit with BTOP grantee Pend Oreille PUD.

Discussions facilitated by program staff have helped BTOP buildout projects in Washington state avoid overbuilding existing infrastructure and improved inter0carrier relations.

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

N/A

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

N/A

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

Wilford Saunders

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

12d. Email Address

WilfordS@dis.wa.gov

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

08-10-2011