

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

16-50-M09014

4. Report Date (MM/DD/YYYY)

01-11-2011

1. Recipient Name

Puget Sound Center for Teaching, Learning and Technology - Idaho

6. Designated Entity On Behalf Of:

Idaho

3. Street Address

19020 33rd Avenue West, Suite 210,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Lynwood, WA 98036-4754

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:

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

No new data collection has occurred since the Q3 report was filed, but the following providers refused to participate in Round 2.

- 1) Cactus International Inc.: Have had telephone/email discussions to encourage participation. Status: Will try again in Round 3
- 2) Cequel Communications LLC: Have had telephone/email discussions to encourage participation. Status: Will try again in Round 3
- 3) Stat Network Solutions: Have had telephone/email discussions to encourage participation. Status: Will try again in Round 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

LinkAMERICA uses third-party data from commercial sources as well as estimation to augment provider data. Commercial sources are primarily used to fill in gaps in provider data when providers either refuse to participate or fail to respond in a given Round. Both coverage and speed information from the third party sources is used.

Infrastructure information and commonly accepted engineering principles are used to estimate coverage and speed when providers are unable to supply more detailed information.

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

****Third Party Data Comparison:** As data arrives from providers we compare submissions against other data sources. An example would be the comparison of an Incumbent Local Exchange Carriers (ILECs) reported census blocks with the exchange area boundaries identified by the ExchangeInfo data product. If a reported block falls outside a known exchange area, the block is flagged and the provider is contacted for clarification. Due Date - Ongoing

****Provider Validation:** Check maps (in Adobe .pdf) and other "check data" documents are given to providers at the beginning of each data collection round. We ask them to either verify or correct the coverage and speed information shown on the map and to add new coverage information. Offering them a view of what is already in the database for their company helps maintain consistency of the data and makes it easier for them to respond with changes - Due Date: Ongoing

****Data Format Verification:** Several processing scripts have been developed to analyze the format of the data per the National Telecommunications and Information Administration (NTIA) Data Model. These scripts help identify anomalies such as "islands" and "donut holes" that require further investigation, but they also ensure the data can be easily imported by NTIA without errors - Due Date: Ongoing

****Consumer Feedback/Verification:** The LinkIDAHO interactive map contains a user feedback mechanism that identifies the precise coordinates of each point of feedback. As more user feedback arrives, we are able to investigate areas where provider-reported data consistently conflicts with consumer reports - Due Date: Ongoing

10g. Have you initiated verification activities? Yes No

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

All of the above activities have been carried out with each round of data collection and will continue to be carried out with each round in the future.

10i. If verification activities have not been initiated please provide a projected time line for beginning and completing such activities

**Drive Testing: Test kits with multiple mobile broadband provider accounts will be driven within specific geographic areas to confirm coverage - Due Date is ongoing through 2012.

**Crowd Sourcing: Providing a free smart phone application for consumers that constantly tracks and logs their connectivity status and upload/download speed. Data, including location information, is then sent back to a central server for processing - Due Date is ongoing throughout 2012.

Staffing

10j. How many jobs have been created or retained as a result of this project?

The Idaho SBDD project has resulted in a total of 0.96 FTE created/retained at the Sub Recipient level and .59 FTE at the Prime Recipient level for a total of 1.55 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?

Approximately 1.7 FTEs

10n. Staffing Table

Job Title	FTE %	Date of Hire
Sub Recipient CEO - Supervisory Role	1	11/01/2009
Sub Recipient Project Director	19	11/01/2009
Sub Recipient Project Manager	25	11/01/2009
Sub Recipient GIS Director	17	11/01/2009
Sub Recipient Internal System Support/Architecture	12	11/01/2009
Sub Recipient Provider Relations Manager	22	11/01/2009
Prime Recipient Executive Director	10	11/01/2009
Prime Recipient Operations Manager	2	11/01/2009
Prime Recipient Contracts Coordinator	10	11/01/2009
Prime Recipient Project Director	1	11/16/2010
Prime Recipient Project Manager (Planning)	36	11/01/2009

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
CostQuest Associates Inc.	Project Management/GIS Programming & Planning Services	N	Y	11/01/2009	10/31/2011	1,251,845	265,265

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$838,915 10q. How much Remains? \$3,647,299

10r. How much matching funds have been expended as of the end of last quarter? \$257,601 10s. How much Remains? \$864,029

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	\$270,095	\$287,489	\$557,584	\$35,432	\$169	\$35,601
Personnel Fringe Benefits	\$67,524	\$5,556	\$73,080	\$7,441	\$35	\$7,476
Travel	\$17,920	\$0	\$17,920	\$1,127	\$0	\$1,127
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$4,225	\$0	\$4,225	\$54	\$134	\$188
Subcontracts Total	\$3,982,782	\$27,500	\$4,010,282	\$782,545	\$47,388	\$829,933
Subcontract #1	\$3,982,782	\$27,500	\$4,010,282	\$782,545	\$47,388	\$829,933
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	\$701,941	\$701,941	\$0	\$198,683	\$198,683
Total Direct Costs	\$4,342,547	\$1,022,486	\$5,365,032	\$826,599	\$246,409	\$1,073,008
Total Indirect Costs	\$143,667	\$99,145	\$242,812	\$12,316	\$11,192	\$23,508
Total Costs	\$4,486,214	\$1,121,630	\$5,607,844	\$838,915	\$257,601	\$1,096,516
% Of Total	80	20	100	76	23	100

Hardware / Software

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

10v. If yes, please list

Yes, the team has purchased the laptop computers and software budgeted for the full-time Project Manager and Provider Relations positions. These items were purchased on June 8, 2010 and July 8, 2010. As the Project Manager and Provider Relations staff are split equally among four states (.25 FTE per state), the State of Idaho is supporting 25% of the total costs of each item. The items purchased include a Dell Mobility Bundle (XDW8598K9) at a cost of \$10.65; a Dell-Latitude E550 laptop computer (XDFW3CWW7) at a cost of \$328.83 for the Provider Relations staff and a Dell-Latitude E550 laptop computer (XDXWD5P88) at a cost of \$352.78. The total software/hardware costs charged to the State of Idaho are \$692.26.

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

We do not anticipate the purchase of any additional hardware/software for the project.

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

10y. If yes, please list

**American Roamer: Market area boundary and speed data on mobile cellular providers - \$5147

**Media Prints: Cable franchise boundary database - \$500

**ExchangeInfo: Legal exchange area boundary database for Incumbent Local Exchange Carriers - \$3805

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

10aa. If yes, please list

****Updated Interactive Map:** An updated version of the Idaho interactive map, complete with new data collected through September 2010, was posted on the LinkIDAHO website in December. The new map includes layers showing Maximum Advertised Speed and several changes to the way provider lists are generated in large census blocks - Due Date: Dec 2010 - Status: Complete

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

No additional challenges were encountered in Q4 2010. We are beginning the third round of data collection in January 2011 and anticipate better response rates and better quality data as providers gain experience with our data collection methods.

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

As is mentioned in the other LinkAMERICA state reports, we continue to look forward to a revised program NOFA Technical Appendix, or other formal documentation from NTIA, that codifies many of the changes that have been made to the data collection and reporting process. Some providers continue to cite the initial NOFA and refuse to provide data that deviates from the original Technical Appendix in any way. It would also be very helpful to have a single document that summarizes all of the required changes that have been discussed on NTIA conference calls over the past year.

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

****Key Stakeholder Interviews:** Perform interviews with 20+ influential cross-disciplinary stakeholders within the state to determine most critical barriers to broadband expansion and adoption - Due: June 2010 - Status: Complete

****Publish Initial Broadband Vision Summary** - publish draft, review with stakeholders and state, and then finalize summary report of emerging state broadband priorities - Due Date: August 2010 - Status: Complete

****Idaho Household Broadband Survey** - a statistically significant study of household internet usage and attitudes to help direct broadband planning - Due Date: December 2010 - Status: Complete

****Facilitate Regional Planning Teams:** Divide the state into appropriate regions and recruit local stakeholders and other in-state partners to draft regionally specific broadband development plans - Due Date: January 2010 - Status: Complete (All six RPT kick-off meetings held in December)

****Recruit durable in-state sponsor:** identify and formalize relationship with educational or economic development entity that can assist in regional plan develop across the state - and who can work to implement plans beyond Year 2 - Due Date: Dec 2010 - Status: Complete (formal relationship with Economic Development Districts of Idaho signed in December 2010).

****Publish Regional Broadband Investment Plans:** Work with RPTs to identify most productive short-term activities to expand broadband access and adoption in each region. Document steps to implement those activities and release final report to the public - Due Date: Q4 2011. Status: Underway

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

No significant obstacles were encountered by the Planning team in Q4. The Planning process continues to move forward on schedule in all six Idaho regions.

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

11i. Planning Worksheet						
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
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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?

N/A

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

Karen Peterson

CEO/Executive Director

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

425-977-4750

12d. Email Address

kpeterson@psctl.org

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

02-14-2011