

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

06-50-M09001

4. Report Date (MM/DD/YYYY)

07-12-2011

1. Recipient Name

CA Public Utilities Commission

6. Designated Entity On Behalf Of:

N/A

3. Street Address

505 Van Ness Avenue,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

San Francisco, CA 94102

7. Project / Grant Period
Start Date: (MM/DD/YYYY)

10-01-2009

7a. End Date: (MM/DD/YYYY)

09-30-2014

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	49

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

As we progress, more providers are getting annoyed at the frequency, and are simply saying "no change".

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

Per SBDD Grant Amendment pending approval by NIST in the future we will collect typical mobile speeds through crowd sourcing and drive test.

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

Drive tests will also be used to verify mobile availability.

10g. Have you initiated verification activities? Yes No

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

Verification completed on Round 3 data. Individual provider maps distributed along with map of unverifiable areas. Setting up meetings with Providers need to be talked with.

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?

7.19 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?

7.19

10n. Staffing Table

Job Title	FTE %	Date of Hire
Assistant Information Systems Analyst (Specialist) (CPUC)	100	06/01/2010
Assistant Information Systems Analyst (Specialist) (CPUC)	100	06/01/2010
Research Analyst I (GIS) (CPUC)	100	07/30/2010
Research Analyst I (GIS) (CPUC)	100	02/15/2011
Financial Examiner (CPUC)	24	07/01/2010
Program Manager [Chico State University, Chico Research Foundation (Chico)] - Planning	31	01/01/2010
Project Manager/Trainer (Chico - Planning)	100	01/01/2010
Project Manager/Trainer (Chico - Planning)	16	01/01/2010
Planning Analyst (Chico - Planning)	22	01/01/2010
Programmer (Chico - Planning)	100	03/15/2010
Programmer (Chico - Planning)	86	03/15/2010
Project Manager/Trainer (Chico - Mapping)	3	07/01/2010
GIS Analyst (Chico - Mapping)	26	01/01/2010
GIS Assistant (Chico - Mapping)	86	03/15/2010
Programmer (Chico - Mapping)	9	03/15/2010

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
California State University, Chico Research Foundation (CSU)	The CPUC does not have resources necessary to undertake the data verification tasks associated with this grant program. Without the GIS expertise of CSU personnel, we will not be able to complete the requirements and have to return funds to NTIA.	N	Y	03/01/2010	10/01/2014	1,362,927	50,000
California State University, Chico Research Foundation	Please refer to response in Question 11a.	N	Y	03/01/2010	10/01/2014	500,000	0

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,182,030 10q. How much Remains? \$6,799,274
 10r. How much matching funds have been expended as of the end of last quarter? \$633,196 10s. How much Remains? \$1,369,854

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	\$2,436,672	\$1,076,831	\$3,513,503	\$136,352	\$370,754	\$507,106
Personnel Fringe Benefits	\$694,626	\$352,506	\$1,047,132	\$35,085	\$121,718	\$156,803
Travel	\$190,910	\$0	\$190,910	\$5,258	\$0	\$5,258
Equipment	\$2,432,092	\$62,501	\$2,494,593	\$418,070	\$62,501	\$480,571
Materials / Supplies	\$9,656	\$0	\$9,656	\$0	\$0	\$0
Subcontracts Total	\$1,862,927	\$50,000	\$1,912,927	\$292,500	\$0	\$292,500
Subcontract #1	\$1,362,927	\$50,000	\$1,412,927	\$180,000	\$0	\$180,000
Subcontract #2	\$500,000	\$0	\$500,000	\$112,500	\$0	\$112,500
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	\$190,220	\$461,212	\$651,432	\$227,099	\$78,223	\$305,322
Total Direct Costs	\$7,817,103	\$2,003,050	\$9,820,153	\$1,114,364	\$633,196	\$1,747,560
Total Indirect Costs	\$164,201	\$0	\$164,201	\$67,666	\$0	\$67,666
Total Costs	\$7,981,304	\$2,003,050	\$9,984,354	\$1,182,030	\$633,196	\$1,815,226
% Of Total	80	20	100	65	35	100

Hardware / Software

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

10v. If yes, please list

The CPUC has purchased the software and equipment as listed in Q2 Supplemental Answers Document 10V. Please refer to the Attachments.

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

Please refer to the Attachments. The items in the software/hardware list are to be purchased before the end of Third Quarter 2011 for transition of the web hosting of the state interactive map from CSU to the CPUC. In addition, we will be renewing the software licenses which were previously purchased.

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

10y. If yes, please list

The CPUC has acquired the rights to use: Local Exchange Carriers (LEC) Central Offices from TeleAtlas. The renewal costs for use of this data set is included in the Q2 Supplemental Answers Document 10W

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

N/A

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

Broadband Mapping: Ran validation tests with Round 3 (R3) data and created "red zone" for each provider, denoting where we cannot confirm service. Sent providers individual R3 maps, including RED Zone maps for feedback/guidance for R4. Updated website to provide R4 instructions and templates, as well as 2010 census shapefiles. Sent R4 data requests. Continued development on further enhancements to interactive map. Submitted CSUMB and CSU Chico contracts to State of California Department of General Services for approval. Planning: Contacted numerous target groups and Sustainable Adoption grantees to discuss best practices, success stories and adoption materials; identified and met with several relevant industry groups, boards of supervisors and regional planning organizations to discuss creation of adoption materials and programs. Asserted policy leadership in California - held second meeting of the California Broadband Council (CBC), formed 3 Working Groups. Developed new CBC web site.

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

Our Detailed Project Plan is pending NIST approval. Some milestones to 2011 will be a challenge, as having process and contracts with CSU Chico and Monterey Bay.

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

In the Chico contract amendment and detailed project plan, we made some adjustments to the initial planning grant tasks to add more focused milestone details going forward, upon approval, as follows:

Adjusted Task Deliverables:

The Foundation will deliver the following product(s):

1. Semi-annual Report, 2 months after submission of each round of data to NTIA describing metrics, and changes/trends in them
2. Monthly "Broadband Fact" flyers for CPUC to distribute to the public (beginning 3Q2011)
3. Materials for local/regional/consortia (as needed, ongoing)
4. Quarterly reports documenting progress and software code to implement web-based forms and materials to capture state broadband adoption organizations, activities, results, and best practices.
5. Quarterly reports documenting progress and software code to implement web based forms and materials to capture user feedback on barriers to obtaining broadband services.
6. Code for user feedback utility (beginning 4Q2011)

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?

Refer to 11d. above for revised future milestones

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

Several of the larger providers e.g., Comcast and ATT, are not going to be able to submit Round 4 data to us by July 31, 2011 as requested which will put pressure on our processing schedule to submit to the NTIA. Purportedly, they are challenged by new 2010 census geography.

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

Zee Wong

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

12d. Email Address

zee.wong@cpuc.ca.gov

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

08-04-2011