

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

06-50-M09001

4. Report Date (MM/DD/YYYY)

09-29-2011

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:

09-30-2011

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
90	90	3	72	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

The biggest challenge is AT&T's refusal to provide max advertised speeds at a more granular level than by county. In addition, while we are still making inroads into the WISP community, we do not believe we yet know the identity of a large percentage of those providers. In addition, accurate depiction of the areas in which WISPs make service available is difficult, but getting better.

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

We rely on provider data, along with information on their public web sites. This quarter, for the October 1 submission, we adjusted the Maximum Advertised Speeds that we received from AT&T only by county. We used Form 477 data to lower max speeds in census tracts without customers in the higher speed tiers. Then, we further adjusted speeds, by census block, to take distance from known central offices into account. CO locations were determined from purchased data sets.

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

We will continue the same verification activities for the Round 4 data as we did for Round 3.

10g. Have you initiated verification activities? Yes No

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

The Fourth Round data set was delivered at the very end of this Quarter, and verification activities were to begin October 5th. Verification is done by CSU Chico contractors.

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

Verification is expected to be completed by the end of October.

Staffing

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

9.21

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

We expect to hire three Regulatory Analysts and one Staff Services Analyst in the upcoming quarter.

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)	30	07/01/2010
Program Manager [Chico State University, Chico Research Foundation (Chico)] - Planning	56	01/01/2010
Program Manager/Trainer (Chico - Planning)	100	01/01/2010
Planning Analyst (Chico - Planning)	8	01/01/2010
Programmer (Chico - Planning)	100	03/15/2010
Programmer (Chico - Planning)	42	03/15/2010
Project Manager/Trainer (Chico - Mapping)	13	07/10/2010
GIS Analyst (Chico - Mapping)	35	01/01/2010
GIS Assistant (Chico - Mapping)	20	03/15/2010
Programmer (Chico - Mapping)	9	03/15/2010
Associate Professor (California State University, Monterey Bay)	17	07/01/2011
Assistant Professor (California State University, Monterey Bay)	2	07/01/2011
Technical Coordinator (California State University, Monterey Bay)	72	07/01/2011
Program Coordinator (California State University, Monterey Bay)	17	07/01/2011

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)	To undertake the data verification tasks and use the GIS expertise.	N	Y	03/01/2010	10/01/2014	1,362,240	50,000
California State University, Chico Research Foundation	Refer to response in Question 11a.	N	Y	03/01/2010	10/01/2014	500,000	0

California State University, Monterey Bay	Create a fully integrated testing software and database reporting program for pro-active measurement of broadband speeds; Design a database to store the results of performance testing and a database reporting program to record/ update testing results;	N	Y	07/01/2011	09/30/2014	674,273	0
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Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,578,499 10q. How much Remains? \$6,402,805

10r. How much matching funds have been expended as of the end of last quarter? \$690,256 10s. How much Remains? \$1,312,794

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	\$177,072	\$412,927	\$589,999
Personnel Fringe Benefits	\$694,626	\$352,506	\$1,047,132	\$48,764	\$136,605	\$185,369
Travel	\$190,910	\$0	\$190,910	\$15,031	\$0	\$15,031
Equipment	\$1,757,819	\$62,501	\$1,820,320	\$689,777	\$62,501	\$752,278
Materials / Supplies	\$9,656	\$0	\$9,656	\$0	\$0	\$0
Subcontracts Total	\$2,537,200	\$50,000	\$2,587,200	\$553,250	\$0	\$553,250
Subcontract #1	\$1,362,927	\$50,000	\$1,412,927	\$320,000	\$0	\$320,000
Subcontract #2	\$500,000	\$0	\$500,000	\$233,250	\$0	\$233,250
Subcontract #3	\$674,273	\$0	\$674,273	\$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	\$26,939	\$78,223	\$105,162
Total Direct Costs	\$7,817,103	\$2,003,050	\$9,820,153	\$1,510,833	\$690,256	\$2,201,089
Total Indirect Costs	\$164,201	\$0	\$164,201	\$67,666	\$0	\$67,666
Total Costs	\$7,981,304	\$2,003,050	\$9,984,354	\$1,578,499	\$690,256	\$2,268,755
% Of Total	80	20	100	70	30	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 Attachments : Q3 Supplemental Answers Document 10V.

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: Q3 Supplemental Answers Document 10W.

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 Broadband Scout data set from ID Insight. The renewal costs for use of this data set is included in the Q3 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

Progress is continuing on version 2 of our interactive map, which will allow viewers to select among many thematic and base layers. We expect a public release next quarter. Our interactive map is currently hosted by CSU Chico. The CPUC has been constructing remote collocation facilities, including servers and storage for the interactive map. Next quarter we expect to shift hosting from Chico to the CPUC at its new collocation facility.

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

None to report.

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

No additional information.

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

State Broadband Capacity Building -- For one of the 3 positions associated with this project (PURA V), we are in the final selection/ hiring process. We now anticipate being able to extend an offer during November. We just received approval to post the PURA III position, and that will happen in November. My management has decided that the 3rd job, classified as an Office Technician, should instead be hired at the Staff Services Analyst position, which requires additional administrative steps to convert the classification that will be completed in November. Any additional cost will be picked up by the CPUC.

Refer to Attachment: Q3 11a Supplemental Answers Document.

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

Refer to Question 11a. response.

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

No changes at this time, although they will no doubt arise in the future.

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

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?

No.

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

Dealing with both state and federal rules and requirements is the problem. The most difficult areas are contracting, hiring and purchasing.

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

No new developments 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

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)

11-22-2011