

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
06-50-M09001

4. Report Date (MM/DD/YYYY)
10-14-2010

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)
10-01-2013

7b. Reporting Period End Date:
09-30-2010

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
93	93	0	0	73	73

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

Some contacted providers were non-responsive, some refused to cooperate, and others submitted partial data and stopped returning calls and emails. Further research determined that nearly all those not responding were either pure resellers, or do not provision services in 10 days or less, thus not meeting the definition of broadband provider.

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

The California Public Utilities Commission (CPUC) is collecting data that is available from other sources and that data will be used in analyzing broadband data (for example, location of tribal lands in California). But, we are not using alternate methods to collect broadband data.

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

A variety of verification activities are performed. First, the data files received from providers are reviewed to make sure data was provided, mandatory fields were filled in, values are in the correct ranges, and so forth. The data is then geocoded and geomatched, with hit rates gathered for each provider. The data then goes through another round of verification: availability data is verified using Federal Communications Commission (FCC) 477 detail by provider and census tract for California; cable providers data is compared to digitized flyover maps from FCC leakage reports; Digital Subscriber Line (DSL) services are compared to TeleAtlas wire center data to calculate percentage of loops within 12,000 and 18,000 feet from wire center locations; FCC speed test data is used to verify availability: Identification (ID) insight data is being acquired to verify availability based on millions of transactions recorded by ID Insight. Assessor parcel map data is being gathered to help in tabulating the number of households served and underserved.

10g. Have you initiated verification activities? Yes No

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

We anticipate verification using Form 477 data, FCC flyover data, wire center data and FCC speed test data will be completed for data collected in the 2nd round, by November 17.

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

We are in the process of evaluating both ID Insight data, and assessor parcel map data, and anticipate implementing verification activities using these data sets for the 3rd collection round (collecting data as of 12/31/2010).

Staffing

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

5.15

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

CPUC hired a Research Analyst III, Geographic Information System (GIS), however that person left the position on August 18, 2010. CPUC is currently in the process of evaluating applications to fill that position.

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
Associate Information Systems Analyst (Specialist) (CPUC)	100	06/01/2010
Associate Information Systems Analyst (Specialist) (CPUC)	100	06/01/2010
Research Analyst II (GIS) (CPUC)	100	07/30/2010
Research Analyst III (GIS) (CPUC)	100	07/30/2010
GIS Assistant [Chico State University, Chico Research Foundation (Chico)]	26	03/01/2010
Project Manager/Trainer	14	01/01/2010
GIS Analyst (Chico)	21	01/01/2010
Programmer (Chico)	7	03/15/2010
GIS Assistant (Chico)	57	03/15/2010
Project Manager	90	01/01/2010

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

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$466,140 10q. How much Remains? \$7,515,164

10r. How much matching funds have been expended as of the end of last quarter? \$460,206 10s. How much Remains? \$1,542,844

10t. Budget Worksheet

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended

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	\$25,745	\$243,368	\$269,113
Personnel Fringe Benefits	\$694,626	\$352,506	\$1,047,132	\$5,200	\$76,114	\$81,315
Travel	\$190,910	\$0	\$190,910	\$522	\$0	\$522
Equipment	\$2,432,092	\$62,501	\$2,494,593	\$178,415	\$62,501	\$240,916
Materials / Supplies	\$9,656	\$0	\$9,656	\$0	\$0	\$0
Subcontracts Total	\$1,862,927	\$50,000	\$1,912,927	\$0	\$0	\$0
Subcontract #1	\$1,362,927	\$0	\$1,412,927	\$0	\$0	\$0
Subcontract #2	\$500,000	\$0	\$500,000	\$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	\$190,220	\$461,212	\$651,432	\$188,592	\$78,223	\$266,815
Total Direct Costs	\$7,817,103	\$2,003,050	\$9,820,153	\$398,474	\$460,206	\$858,680
Total Indirect Costs	\$164,201	\$0	\$164,201	\$67,666	\$0	\$67,666
Total Costs	\$7,981,304	\$2,003,050	\$9,984,354	\$466,140	\$460,206	\$926,346
% Of Total	80	20	100	0	0	0

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 Q3 Supplemental Answers Document Question 10V.

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

The following software/hardware is scheduled to be purchased at a later date as needed to transition web hosting of the state interactive map from CSU Chico to the CPUC. Please see Q3 Supplemental Answers Document Question 10W.

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

10y. If yes, please list

CPUC has acquired the rights to use: Local Exchange Carriers (LEC) Central Offices from TeleAtlas.

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

10aa. If yes, please list

During Quarter 3 the CPUC collected 2,403,298 total records for its second round of data submission. CPUC evaluated these records for quality assurance/quality control. CSU Chico cached the necessary data needed for development of the state broadband map.

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

Determining and Reporting Broadband Adoption Rates:

Awaiting second semi-annual updates due December 31, 2010 (4th Quarter) to update Broadband Penetration rates and to determine increases in Broadband Adoption against current target of 551,109 households.

Information Sharing:

Contact target groups and other Sustainable Broadband Adoption grant recipients to identify and share best practices, success stories, and adoption materials.

70% Round 2 American Recovery Reinvestment Act (ARRA) Broadband Sustainable Adoption Grants have been contacted.

5 of 30 Anchor Institutions contacted and 1 of 20 Native American Communities contacted.

Identify:

Identify technology, local government, community-based organizations, and regional planning organizations to coordinate and distribute materials, statistics, and success stories.

26 of 58 California counties approached to initiate Broadband Sustainable Adoption discussions. Initial discussion also conducted with 5 regional economic groups and 1 Native American Community.

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

N/A

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

Planning Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
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?

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

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)

11-19-2010

Performance Progress Report
OMB Approval Number: 0660-0034
Expiration Date: 08/31/2010