

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
15-50-M09057

4. Report Date (MM/DD/YYYY)
10-26-2010

1. Recipient Name
Hawaii Department of Commerce and Consumer Affairs

6. Designated Entity On Behalf Of:
N/A

3. Street Address
335 Merchant Street,

8. Final Report? Yes No
9. Report Frequency
 Quarterly
 Semi Annual
 Annual
 Final

5. City, State, Zip Code
Honolulu, HI 96813-2921

7. Project / Grant Period
Start Date: (MM/DD/YYYY)
01-01-2010

7a. End Date: (MM/DD/YYYY)
12-31-2014

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
18	17	6	0	9	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

****Hawaiian Telcom Communications & Oceanic Cable: Last-mile and middle-mile facility capacity and more specifically backhaul from the facilities has been deemed proprietary. Further, providers maintain that they do not have information documented in a form that they would be able to easily provide. – No information regarding this has been shared to-date by these providers.**

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

Broadband coverage data for Hawaiian Telcom Communications has been extrapolated as a three-mile buffer from each Central Office location. For every other provider, the Hawaii Department of Commerce and Consumer Affairs (“DCCA”) has obtained census block level information and coverage footprints from the wireless providers. Since the data is being provided at the census block level or via a coverage footprint from wireless providers, exact levels of service provided within these boundaries has been limited to a single tier of service per census block or wireless footprint. TW Telecom has furnished customer addresses which have been geocoded and inserted into the FCC file geodatabase model as appropriate.

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

**Coverage Verification via Website.

**CAI Verification by Telephone.

**CAI Verification by External Data Source Comparison.

**Provider Verification via Map Products.

**Speed Test Verification via Website.

**Speed Test Verification via FCC Ookla/MLabs.

**Provider Verification via Website.

For more details, please refer to the Q3 Supplemental Answers Document.

10g. Have you initiated verification activities? Yes No

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

**Coverage Verification via Website – In Progress.

**CAI Verification by Telephone – In Progress.

**CAI Verification by External Data Source Comparison – In Progress.

**Provider Verification via Map Products – In Progress.

**Speed Test Verification via Website – In Progress.

**Speed Test Verification via FCC Ookla/MLabs – In Progress.

**Note: These verification activities and direct updates from providers are anticipated to continue through the next data delivery date of March 1, 2011.

For more details, please refer to the Q3 Supplemental Answers Document.

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

**Provider Verification via Website: Providers will also be able to access the maps of their data through a secure portal on the website.
– Begin January 1, 2011, Complete June 1, 2011

**Note: The verification activities listed above and direct updates from providers are anticipated to continue through the next data delivery date of March 1, 2011.

Staffing

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

The Mapping project has resulted in the retention of the jobs named below 2010-Q3 from 07/01/2010 to 09/30/2010 (approximations based on 520 hours per quarter): This quarter, the following jobs were retained: Technical Project Manager (1.20 FTE), Systems Administrator (1.30 FTE), Data Processor/Systems Engineer (2.10 FTE), GIS Analyst(s) (0.55 FTE), and Database Administrator (0.17 FTE), for a total of 5.32 FTE.

Subcontract1- UH/PDC

Technical Project Manager 1.20 FTE

Systems Administrator 1.30 FTE

Data Processor/Systems Engineer 2.10 FTE

Subcontract2- BroadMap (Vendor)

GIS Analyst(s) 0.55 FTE

Database Administrator 0.17 FTE

Total 5.32 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?

As a result of the overall SBDD project for five (5) years, the project expects to retain 24.90 FTE (5 year total). The number of FTE's reported to ARRA (noted in item 10j above) reflects work performed in the third quarter 2010, predominantly in the mapping element. This number will increase next quarter as the mapping element implements additional data collection and verification and the planning element gets underway. Note: The FTE percentages listed below have been rounded to the nearest whole number. The attached excel spreadsheet has the exact FTE percentages.

10n. Staffing Table

Job Title	FTE %	Date of Hire
UH/PDC - System Administrator (existing)	2	01/01/2010
UH/PDC - Technical Project Manager (existing)	5	01/01/2010
UH/PDC - Data Processor/Software Engineer (existing)	4	01/01/2010
UH/PDC - Planning Analyst (existing)	2	01/01/2010
UH/PDC - Broadband/IT Advisor (existing)	3	01/01/2010
UH-PDC - Technical Assistance Advisor (existing)	2	01/01/2010
UH/PDC & BroadMap - GIS Analyst(s) (existing)	6	01/01/2010
UH/PDC & BroadMap - Database Administrator (existing)	1	01/01/2010
Akimeka/Referentia - Software Engineer	1	01/01/2010
UH/PDC & RHD Consulting - Planning Consultant	1	01/01/2010

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
University of Hawaii Pacific Disaster Center (UH/PDC)	Technical Project Management, System Administration, Data Processing/Software Engineering, Planning Analysis, GIS Analysis, Database Administration, Broadband/IT Advisory, Technical Assistance Advisory	N	Y	01/13/2010	12/31/2014	4,349,940	0
BroadMap LLC	Software Processing, GIS Database Modeling, Verification	N	Y	01/13/2010	08/06/2010	250,549	0
RHD Consulting LLC	Planning Consultant	N	Y	01/13/2010	12/31/2011	75,000	0

Add Row
Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$460,511 10q. How much Remains? \$3,889,429

10r. How much matching funds have been expended as of the end of last quarter? \$487,485 10s. How much Remains? \$600,000

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	\$0	\$439,200	\$439,200	\$0	\$0	\$0
Personnel Fringe Benefits	\$0	\$153,720	\$153,720	\$0	\$0	\$0
Travel	\$17,250	\$4,000	\$21,250	\$0	\$0	\$0
Equipment	\$342,780	\$0	\$342,780	\$0	\$0	\$0
Materials / Supplies	\$156,756	\$3,080	\$159,836	\$2,696	\$0	\$2,696
Subcontracts Total	\$3,833,154	\$0	\$3,833,154	\$457,815	\$0	\$457,815
Subcontract #1	\$3,257,605	\$0	\$3,257,605	\$207,266	\$0	\$207,266
Subcontract #2	\$250,549	\$0	\$250,549	\$250,549	\$0	\$250,549
Subcontract #3	\$250,000	\$0	\$250,000	\$0	\$0	\$0
Subcontract #4	\$75,000	\$0	\$75,000	\$0	\$0	\$0
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$487,485	\$487,485	\$0	\$487,485	\$487,485
Total Direct Costs	\$4,349,940	\$1,087,485	\$5,437,425	\$460,511	\$487,485	\$947,996
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$4,349,940	\$1,087,485	\$5,437,425	\$460,511	\$487,485	\$947,996
% Of Total	80	20	100	49	51	100

Hardware / Software

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

10v. If yes, please list

****2010-Q3 Materials and Supplies (Software) : Ookla Speed Test Software totalling \$2,696.**

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

****Note:** The DCCA project team is currently procuring hardware and software to support the project. It is anticipated that the hardware and software required will be purchased within the stated budget, installed and configured in 2010-Q4, and will be reflected in the next quarter (2010-Q4) report.

For more details, please refer to the Q3 Supplemental Answers Document.

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

10y. If yes, please list

****Note:** The DCCA project team has not yet purchased any data sets. All of the data used has been provided under the project as in-kind services by the State and project team.

2010-Q4 Procurement Items include:

****InfoUSA:** it is anticipated that the project team will purchase InfoUSA data to verify the completeness of the CAI database. This data will be purchased next quarter (2010-Q4) and within stated budget. – Cost is approximated at \$1,440.

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

10aa. If yes, please list

****Supplemental Award Amendment:** Award 15-50-M09057 was amended September 28, 2010 (Amendment No. 4) following NTIA approval of DCCA's Supplement Application submitted on July 1, 2010. The amended supplemental award amount has been stated in the SF-425 (FFR) and on 2010-Q3 ARRA quarterly report, and is reflected in this 2010-Q3 progress report. – October 30, 2010

****Contract Updates:** This period, contracts with two vendors (BroadMap LLC and RHD Consulting LLC) have been amended resulting in UH/PDC sourcing some of this work and changes will be reflected in an updated SF-424A (filing in progress). – November 15, 2010.

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

****NDA Execution with Providers:** DCCA has encountered challenges in fully executing NDAs with providers and subcontracts under the grant. This has affected the signing of certain NDAs with data providers as well as subcontracts dealing with data processing and delivery. Subsequently, throughout this term, DCCA has experienced some delays in obtaining necessary information. However, to-date DCCA has been able to process data representing the overwhelming majority of broadband providers in the State of Hawaii. – DCCA continues to overcome these challenges through cooperation between the parties and improving process expediency.

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

Project is on schedule. Data to-date has adhered to the latest FCC file geodatabase model for the project.

Award 15-50-M09057 was amended September 28, 2010 (Amendment No. 4) following NTIA approval of DCCA's Supplemental Application submitted on July 1, 2010. DCCA anticipates augmenting its mapping, planning and supplemental activities pursuant to its SBDD Supplemental Application submitted on July 1, 2010.

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

**Planning Scope Approved: The Program Office approved the Planning Narrative and Budget for the State of Hawaii and Special Award Condition #17 was completed.– May 4, 2010 – Complete.

**Planning Consultant Engaged: The DCCA project team has negotiated a subcontract with its planning consultant RHD Consulting, LLC. – August 23, 2010 – Complete.

**Information Gathering for 5-Year Master Plan: Information gathering and analysis has started according to the approved work plan. – June 1, 2011 – In Progress.

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

**None: Thus far, the DCCA project team has not encountered any challenges or obstacles related to the Planning project plan.

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

Award 15-50-M09057 was amended September 28, 2010 (Amendment No. 4) following NTIA approval of DCCA's Supplemental Application submitted on July 1, 2010. DCCA anticipates augmenting its mapping, planning and supplemental activities pursuant to its SBDD Supplemental Application submitted on July 1, 2010.

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?

****Supplemental Award Amendment:** Award 15-50-M09057 was amended September 28, 2010 (Amendment No. 4) following NTIA approval of DCCA's Supplement Application submitted on July 1, 2010. The amended supplemental award amount has been stated in the SF-425 (FFR) and on 2010-Q3 ARRA quarterly report, and is reflected in this 2010-Q3 progress report. – October 30, 2010

****Contract Updates:** This period, contracts with two vendors (BroadMap LLC and RHD Consulting LLC) have been amended resulting in UH/PDC sourcing some of this work and changes will be reflected in an updated SF-424A (filing in progress). – November 15, 2010.

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

****None:** Thus far, the DCCA project team has not encountered any challenges or obstacles related to the Planning project plan.

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

Keone Kali

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

12d. Email Address

kkali@pdc.org

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

11-18-2010

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