

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

09-50-M09060

4. Report Date (MM/DD/YYYY)

07-19-2011

1. Recipient Name

Connecticut Department of Public Utility Control

6. Designated Entity On Behalf Of:

State of Connecticut

3. Street Address

10 Franklin Square,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

New Britain, CT 06051

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:

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
56	56	50	0	50	50

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 following providers were contacted and do not wish to participate in the SBDD program: Cypress, HNS, Meriplex and Starband. In addition, Paetec and Interglobe did not respond to repeated requests. No changes because the mapping data was updated at the end of March and is on file.

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

Acquired CAI lists and some connectivity information through the state. Established website for further CAI and Speed test data collection. DPUC also provided provider data for verification (franchise information and tower locations)

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

Compare data with franchise areas; Verify data is in state; Compare wireless coverage with tower locations; verify that the tech type is consistent with speed and industry; Speed test to verify speeds and service locations; CAI survey to verify their location, provider, and speed; Web portal set up for providers to review and verify their data in a map before submission.

10g. Have you initiated verification activities?  Yes  No

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

The web applications have been build and running for a while now. Validation efforts listed in 10f were utilized. In addition we took the FCC speed test data, did a reverse who-is lookup, and matched that back to the providers to validate approximate speeds and coverage.

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?

The Broadband Policy and Program Coordinator continues to bill \$20,625 for 228 hours worked or .44 jobs (228/520) for planning activities each quarter. Any hours worked above the 228, are included in the 20% match. Other expenditures are for vendors and not counted as jobs created.

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?

.44% of the Broadband Policy and Program Coordinator position.

10n. Staffing Table

Job Title	FTE %	Date of Hire
Connecticut Broadband Policy and Program Coordinator	44	10/22/2010

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
Applied Geographics, Inc.	Broadband Data Development & Mapping	Y	Y	01/13/2010	12/31/2014	2,928,097	0
Connecticut Academy of Science and Education	Planning	Y	Y	06/14/2010	01/13/2012	390,312	0
Applied Geographics, Inc.	Planning	Y	Y	08/27/2010	12/31/2014	85,000	0

Add Row

Remove Row

### Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,441,748      10q. How much Remains? \$2,341,190

10r. How much matching funds have been expended as of the end of last quarter? \$830,357      10s. How much Remains? \$193,097

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	\$208,866	\$165,237	\$374,103	\$39,162	\$51,910	\$91,072
Personnel Fringe Benefits	\$121,142	\$95,837	\$216,979	\$22,715	\$25,906	\$48,621
Travel	\$20,000	\$0	\$20,000	\$3,212	\$0	\$3,215
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subcontracts Total</b>	<b>\$3,403,409</b>	<b>\$0</b>	<b>\$3,403,409</b>	<b>\$1,376,656</b>	<b>\$0</b>	<b>\$1,376,656</b>
Subcontract #1	\$2,928,097	\$0	\$2,928,097	\$1,130,566	\$0	\$1,130,566
Subcontract #2	\$390,312	\$0	\$390,312	\$220,021	\$0	\$220,021
Subcontract #3	\$85,000	\$0	\$85,000	\$26,069	\$0	\$26,069
Subcontract #4	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$29,521	\$740,483	\$770,004	\$0	\$740,483	\$740,483
<b>Total Direct Costs</b>	<b>\$3,782,938</b>	<b>\$1,001,557</b>	<b>\$4,784,495</b>	<b>\$1,441,748</b>	<b>\$818,299</b>	<b>\$2,260,047</b>

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Total Indirect Costs	\$0	\$21,897	\$21,897	\$0	\$12,057	\$12,057
Total Costs	\$3,782,938	\$1,023,454	\$4,806,392	\$1,441,748	\$830,357	\$2,272,105
% Of Total	79	21	100	63	37	100

### Hardware / Software

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

10v. If yes, please list

n/a

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

n/a

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

10y. If yes, please list

Some data was purchased under non-disclosure agreements. As part of the State matching contributions, the project team is used TeleAtlas Data and some State developed information to supplement Geocoding (approximately \$740K)

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

Some providers were not willing to provide broadband data without non-disclosure agreements (NDAs). The project team has created NDAs to meet the needs of those providers to secure that data.

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

n/a at this time

### 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

Connecticut Academy of Science & Engineering (CASE) continued its academic research, surveying of broadband consumers and began holding focus groups. The Broadband Coordinator reached out to various constituencies (legislators, public, community groups). Specific actions: attended meetings in Dallas and worked with CASE on focus group activity. Presented to GIS Council regarding Broadband Plan; met with DPUC, municipalities, utilities, and CATV providers on rural broadband solutions; met with state librarian and Broadband Council members to discuss the role of libraries; meetings/materials with Dept of Energy & Environ. Protection regarding grant activity; Met with Comcast regarding new program for students "Internet Essentials".

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

There is a general reorganization of state government in process since a new administration took office in January and the state General Assembly passed a law moving the DPUC and the OCC, for which the Broadband Coordinator works, into the Department of

Energy and Environmental Protection(DEEP). The Broadband Coordinator has met with the top three managers of the new agency and we will have more details when the planned merge takes place in September 2011.

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
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 at this time

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

See answer to 11b

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

In the next quarter the DPUC will merge with DEEP; and we will need to take steps to transfer the grant to DEEP. We do not expect that the transfer will have any impact on the goals or implementation of the Broadband Grant.

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

Tom Sholtes

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

860-827-2845

12d. Email Address

thomas.sholtes@po.state.ct.us

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

07-27-2011