

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number  
09-50-M09060

4. Report Date (MM/DD/YYYY)  
09-24-2010

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

8. Reporting Period End Date:  
(MM/DD/YYYY)  
09-30-2010

9a. If Other, please describe:  
Not apply.

**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
30	30	30	0	30	30

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

Not applicable.

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

Ancillary data such as CAI locations and other information needed for provider verification has been obtained.

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

- 1) Compare Wireline provider's service area with DPUC franchise boundaries.
- 2) Verifying all data is in the state
- 3) Compare wireless coverage with approximate tower locations provided by CT Siting Council
- 4) Verify technology types consistent with their reported speeds and industry
- 5) Using web based speed test information to verify provider's typical speeds and service locations
- 6) Using web based CAI survey to verify their locations, provider, and speed information.
- 7) Develop a web based mapping application where the providers can confirm and edit where they provide service and at what speeds.

10g. Have you initiated verification activities?  Yes  No

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

All of the items listed above are in place for submission 2. The web applications needed for steps 5 and 6 (above) only recently went live, and did not have enough responses to fully validate all locations. These applications are still up, and we are continuing to get more information on a daily basis.

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

Not applicable.

**Staffing**

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

No permanent jobs to date.

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

Not apply.

10m. When fully staffed, how many full-time equivalent (FTE) jobs do you expect to create or retain as a result of this project?

There are no permanent jobs created or retained for the broadband data and development initiative.

10n. Staffing Table

Job Title	FTE %	Date of Hire
Not apply.	0	01/13/2010
<a href="#">Add Row</a>		<a href="#">Remove Row</a>

### 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.	Y	Y	01/13/2010	12/31/2014	\$3,283,138	\$820,784
Connecticut Academy of Science and Education	Planning	Y	Y	06/14/2010	01/13/2012	\$414,800	\$103,700
Applied Geographics, Inc	Mapping	Y	Y	08/27/2010	12/31/2014	\$85,000	\$21,250
<a href="#">Add Row</a>						<a href="#">Remove Row</a>	

### Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$571,000      10q. How much Remains? \$3,543,032

10r. How much matching funds have been expended as of the end of last quarter? \$406,883      10s. How much Remains? \$616,570

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	\$0	\$0	\$0	\$23,079	\$23,079
Personnel Fringe Benefits	\$0	\$0	\$0	\$0	\$9,184	\$9,184
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$0	\$0	\$0	\$0	\$0	\$0
Subcontracts Total	\$3,782,938	\$0	\$3,782,938	\$571,000	\$0	\$571,000
Subcontract #1	\$3,283,138	\$0	\$3,283,138	\$541,785	\$0	\$541,785
Subcontract #2	\$414,800	\$0	\$414,800	\$29,215	\$0	\$29,215
Subcontract #3	\$85,000	\$0	\$85,000	\$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	\$298,100	\$298,100
Total Direct Costs	\$3,782,938	\$1,023,454	\$4,806,392	\$571,000	\$32,264	\$603,264
Total Indirect Costs	\$0	\$0	\$0	\$0	\$8,309	\$8,309
Total Costs	\$3,782,938	\$1,023,454	\$4,806,392	\$571,000	\$338,673	\$909,673
% Of Total	79	21	100	12	7	19

## Hardware / Software

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

10v. If yes, please list

Not apply.

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

Not apply.

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

10y. If yes, please list

Some data was purchased from providers under non-disclosure agreements.

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

10aa. If yes, please list

Not apply.

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 service information without non-disclosure agreements (NDAs). The project team crafted NDAs to meet the needs of those providers to secure that information.

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

Not apply 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

The Planning program manager continues to research and structure issues that Connecticut needs to address in creating a Strategic Plan to enhance broadband adoption. The program manager has met with the Planning contracting entities, the CASE and CERC organizations, for discussions on managing surveys and academic research of relevant issues. The mapping consultant, Applied Geographics, has also contributed to this discussion and planning process.

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

The challenges continue to be meeting with contributors to the Planning initiative in a timely fashion to meet NTIA guideline expectations.

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

Not apply. The proposed project plan remains in effect and will be followed.

## 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?

No. The project is on schedule.

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

In order to achieve contracts in a timely manner, Connecticut has used vendors with existing contracts with the state.

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

The state's SBDD program continues to move forward to support the Mapping and Planning initiatives. Consultants are in place to begin surveying and reaching out to the various constituencies of the state to identify potential implementation processes in a timely manner.

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

Robert H Mundy

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

(860) 827-2692

Lead Rae Specialist

12d. Email Address

robert.mundy@po.state.ct.us

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

11-01-2010

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