

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number  
33-50-M09048

4. Report Date (MM/DD/YYYY)  
04-11-2011

1. Recipient Name  
University of New Hampshire

6. Designated Entity On Behalf Of:  
N/A

3. Street Address  
8 College Road, Morse Hall,

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

5. City, State, Zip Code  
Durham, NH 03824

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:  
03-31-2011

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
0	0	0	0	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

None of the broadband providers have specifically refused to participate in the program. However, thirteen providers remain unresponsive to repeated attempts to establish contact. In addition, FairPoint Communications has, to date, been unwilling to provide a complete data set in that they have not yet submitted middle mile interconnection points.

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

N/A

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

Planned Verification Activity Name: Acquisition of commercial data set

Description: We plan to acquire a commercial broadband connectivity data set to assist in our project verification activities.

Due Date: This purchase will be initiated once the supplemental award receives final authorization to proceed.

10g. Have you initiated verification activities?  Yes  No

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

We have initiated a range of verification activities, including speed tests, consumer surveys, and field data collection. Please refer to the Q1 Supplemental Answers Document.

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?

3.91

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?

N/A

10n. Staffing Table

Job Title	FTE %	Date of Hire
Project Director	68	
Project Coordinator	88	01/29/2010
GIS Analyst/Information Technologist	56	
RPC Executive Directors	37	
RPC Fiscal and Administrative Assistants	24	
GIS Consultants/Specialists	51	
GIS Consultants/Specialists	51	
Regional Planners/Analysts	17	

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**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
Southwest Region Planning Commission	Mapping Activities	N	Y	01/01/2010	12/31/2014	959,881	428,768
Southwest Region Planning Commission	Planning Activities	N	Y	01/01/2010	12/31/2014	477,896	79,895
CAI Administration	Mapping Activities	N	N	01/01/2010	12/31/2014	30,000	0
Nashua Regional Planning Commission Addressing	Rural Addressing	N	N	01/01/2010	12/31/2014	344,523	96,000
Community Development Finance Authority	Non-Mapping Activities	N	N	01/01/2010	12/31/2014	389,100	99,999
Department of Resources and Economic Development	Non-Mapping Activities	N	N	01/01/2010	12/31/2014	307,972	107,276
Office of Energy and Planning	Non-Mapping Activities	N	N	01/01/2010	12/31/2014	165,543	41,386
Southwest Region Planning Commission	Non-Mapping Activities	N	N	01/01/2010	12/31/2014	555,623	138,906

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**Funding**

10p. How much Federal funding has been expended as of the end of the last quarter? \$875,396      10q. How much Remains? \$5,237,942

10r. How much matching funds have been expended as of the end of last quarter? \$305,508      10s. How much Remains? \$1,233,480

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	\$1,313,152	\$104,536	\$1,417,688	\$173,290	\$0	\$173,290
Personnel Fringe Benefits	\$379,913	\$44,483	\$424,396	\$36,959	\$0	\$36,959
Travel	\$20,000	\$0	\$20,000	\$5,815	\$0	\$5,815
Equipment	\$10,000	\$0	\$10,000	\$10,000	\$0	\$10,000
Materials / Supplies	\$356,299	\$128,000	\$484,299	\$51,312	\$0	\$51,312
Subcontracts Total	\$3,230,537	\$992,230	\$4,222,767	\$512,647	\$163,794	\$676,441
Subcontract #1	\$959,881	\$428,768	\$1,388,649	\$512,647	\$163,794	\$676,441
Subcontract #2	\$477,896	\$79,895	\$557,791	\$0	\$0	\$0
Subcontract #3	\$30,000	\$0	\$30,000	\$0	\$0	\$0
Subcontract #4	\$344,523	\$96,000	\$440,523	\$0	\$0	\$0
Subcontract #5	\$1,418,238	\$387,567	\$1,805,805	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$54,500	\$154,795	\$209,295	\$0	\$127,095	\$127,095
Total Direct Costs	\$5,364,400	\$1,424,044	\$6,788,444	\$790,022	\$290,889	\$1,080,911
Total Indirect Costs	\$748,938	\$114,943	\$863,881	\$85,374	\$14,619	\$99,993
Total Costs	\$6,113,338	\$1,538,987	\$7,652,325	\$875,396	\$305,508	\$1,180,904
% Of Total	80	20	100	74	26	100

### Hardware / Software

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

10v. If yes, please list

The project has purchased the hardware/software listed below:

Cellular Expert, version 3.6 (signal propagation software): \$29,353 (figure includes associated training costs)

Dell Poweredge R510 server: \$10,000

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

N/A

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

Challenges remain as reported in prior quarters - primarily difficulties with acquiring comprehensive data from the service providers. Our mitigation strategy remains to continue to request assistance from the NH Director of Broadband Technology as well as the NH Public Utilities Commission staff, and to offer increased technical assistance to those providers who wish to participate but have difficulty assembling the resources required to do so.

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

Broadband planning activities completed during the past quarter include:

- Coordinated with program partners and subcontractors relative to integrating/creating efficiency among the partners and tasks associated with the initial and supplemental award. In addition, coordinated responses to NTIA in processing the supplemental award.
- Developed/refined spreadsheets indicating annual budgets, quarterly estimates, milestones, activities, etc. for the planning component as required by NTIA relative to the supplemental award. This exercise included integrating the planning component of the original award with the supplemental award.
- Participated in project meeting/conference calls to coordinate activities.

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

The most significant challenge we have encountered is the delay in receiving final approval for our supplemental award. With the lack of Q1 2011 approvals, we will be migrating a number of tasks from Q1 to Q2 2011, and attempting to increase workloads and compress timetables to remain on the proposed timetable and to ensure an on-time delivery of project goals and outcomes.

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

We anticipate merging the initial Planning award dollars with the supplemental Non-mapping dollars, and are awaiting final NTIA approval to do so.

## 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

11i. Planning Worksheet

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?

Additional project milestones for Q1 2011 include the project launch and identification of stakeholders for the Community Development Finance Authority Broadband Capacity Building project; the compilation of contact lists and project stakeholders for the University of New Hampshire Cooperative Extension Services' Broadband Technical Assistance Project; and initial preparations of the Southwest Regional Planning Commission and the NH Office of Energy and Planning project on Regional and Sector-based Broadband Planning.

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

As noted in section 11b, our greatest challenges this quarter have been the delay in final approval of the project budgets and timetables.

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

Fay Rubin

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

12d. Email Address

Fay.rubin@unh.edu

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

06-30-2011