

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number  
33-50-M09048

4. Report Date (MM/DD/YYYY)  
01-17-2012

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:  
12-31-2011

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  
The status of provider data has not changed since the last status report as there has been no solicitation of data since that time.

Our project schedule requires us to request new/updated data sets during early January for the March, 2012 submission. This will provide us with the opportunity to re-contact any providers who have previously declined to participate.

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  
We have used web resources to update our statewide inventory/map of ~600 wi-fi locations. Beyond that, we will be waiting for the next data submission round to collect data through other mechanisms.

10f. Please describe the verification activities you plan to implement  
We are planning to implement verification of our wireless service polygons via drive testing, beginning after the March, 2012 data submission. We have finalized a project plan and secured the necessary authorizations to proceed with purchasing the required devices/data plans, and will be implementing the testing as soon after the March submission as is reasonable given weather conditions.

10g. Have you initiated verification activities?  Yes  No

10h. If yes, please describe the status of your activities  
We are continuing to follow processes established in prior reporting periods for data verification, including collecting speed test records via the project web site and collecting survey information (and geocoding the respondent locations) via the web site. Please refer to the Q4 Supplemental Answers Document for further details.

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?

7.84

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	27	01/01/2010
Co Project Director	7	01/01/2011
GSDLN Planning Project Manager	25	01/01/2011
Cooperative Extension Planning	94	01/01/2011
Cooperative Extension Planning	95	01/01/2011
GIS Analyst	35	01/01/2010
Mapping Project Coordinator	100	01/29/2010
Mapping Project Coordinator	7	01/29/2010
RPC Executive Directors	73	01/01/2010
RPC Fiscal Administration	30	01/01/2010
RPC GIS Specialists	81	01/01/2010
RPC Planners	70	01/01/2011
RPC Planners	70	01/01/2011
RPC Planners	70	01/01/2011

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
Southwest Region Planning Commission	Mapping Activities - Year 1 and 2	N	Y	01/01/2010	12/31/2014	811,381	219,069
Southwest Region Planning Commission	Planning Activities/Non Mapping Activities	N	Y	01/01/2010	12/31/2014	1,033,672	238,333
Upper Valley Lake Sunapee Regional Planning Commission	Mapping Activities - CAI Administration	N	N	01/01/2012	12/31/2014	30,000	0
Nashua Regional Planning Commission	Mapping Activities - Rural Addressing	N	Y	07/01/2011	12/31/2013	344,523	40,000
Community Development Finance Authority	Non-Mapping Activities	N	N	01/01/2010	12/31/2014	261,000	50,000

Department of Resources and Economic Development	Non-Mapping Activities	N	Y	01/01/2011	12/31/2014	82,687	107,276
Office of Energy and Planning	Non-Mapping Activities	N	Y	01/01/2011	12/31/2014	165,466	41,367
Southwest Region Planning Commission	Mapping Activities - Years 3 through 5	N	N	01/01/2012	12/31/2014	148,500	271,400

Add Row

Remove Row

### Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,511,151      10q. How much Remains? \$4,602,187

10r. How much matching funds have been expended as of the end of last quarter? \$456,244      10s. How much Remains? \$1,082,744

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	\$1,485,403	\$130,414	\$1,615,817	\$350,514	\$35,135	\$385,649
Personnel Fringe Benefits	\$455,462	\$29,630	\$485,092	\$85,971	\$15,912	\$101,883
Travel	\$26,946	\$0	\$26,946	\$11,257	\$0	\$11,257
Equipment	\$10,000	\$0	\$10,000	\$10,000	\$0	\$10,000
Materials / Supplies	\$344,799	\$0	\$344,799	\$112,937	\$0	\$112,937
Subcontracts Total	\$2,877,229	\$967,445	\$3,844,674	\$758,227	\$232,720	\$990,947
Subcontract #1	\$959,881	\$490,469	\$1,450,350	\$702,993	\$215,919	\$918,912
Subcontract #2	\$1,033,672	\$238,333	\$1,272,005	\$53,213	\$16,801	\$70,014
Subcontract #3	\$30,000	\$0	\$30,000	\$0	\$0	\$0
Subcontract #4	\$344,523	\$40,000	\$384,523	\$0	\$0	\$0
Subcontract #5	\$509,153	\$198,643	\$707,796	\$2,021	\$0	\$2,021
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$76,500	\$283,293	\$359,793	\$0	\$127,095	\$127,095
Total Direct Costs	\$5,276,339	\$1,410,782	\$6,687,121	\$1,328,906	\$410,862	\$1,739,768
Total Indirect Costs	\$836,999	\$128,206	\$965,205	\$182,245	\$45,382	\$227,627
Total Costs	\$6,113,338	\$1,538,988	\$7,652,326	\$1,511,151	\$456,244	\$1,967,395
% Of Total	80	20	100	76	24	100

### Hardware / Software

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

10v. If yes, please list

No hardware/software has been acquired since the performance report dated 1/25/2011.

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

No new data sets have been acquired since the performance report dated 10/21/2011.

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

10aa. If yes, please list

Please see Q4 Supplemental Answers Document.

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

No new challenges/obstacles to report since last performance report dated 10/21/2011.

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

The PPR's 10q entry reflects the PPR entry 10p plus the un-liquidated obligation found on line 10f of the Q4-2011 FFR (SF-425) document.

## 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

A State Broadband Initiative (SBI) Planning/Technical Assistance Manager was hired to increase coordination activities between the mapping and planning projects, and to coordinate individual projects associated with the SBI planning sub-awards.

SBI project managers conducted a workshop titled: "Leveraging Broadband to Promote Economic Development" at the NH Local Government Center (LGC) Annual Conference. As a result of this workshop, the LGC is joining ConnectNH, a consortium of nearly 50 organizations in New Hampshire dedicated to using broadband for distance education, professional development, telehealth, and interactive videoconferencing throughout the state.

Regional Planning, State Planning and Technical Assistance project managers met to aggregate sectors across projects, resulting in plans to focus efforts on Education, Health, Community Support/Government, Public Safety and Business/Economic Development sectors. Members of the 9 Regional Planning Commissions met, in December, to provide updates on initial Broadband Stakeholder Group (BSG) activities. They also worked on sector sub-groups, an outline for regional broadband plan content, and how to best approach ISP's as potential BSG partners.

The Broadband Technical Assistance Team developed a "Broadband Training and Applications Business Needs Survey" which has been distributed to Regional Planning Commissions and Small Business Development Centers for comment. Business survey distribution is slated for January with other sector surveys soon to follow.

UNH Information Technology BTOP and SBI managers are working with NH Department of Resource and Economic Development (DRED), and North Country Investment Council (NCIC) leaders to outline a NCIC sub-contract which will enhance efforts to build broadband development tool kits for use by interested communities/groups throughout the state.

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

One challenge this quarter was to derive a standardized method for aggregating stakeholders across the four SBI planning/technical assistance projects. To better coordinate efforts, it was important for project managers to agree on sector definitions to enhance interaction and communication with stakeholder groups. Group managers agreed to focus planning and assistance efforts on Education, Health, Community Support/Government, Public Safety and Business/Economic Development sectors.

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

Key personnel from one sub-recipient are no longer available to work on the project, so a new potential sub-recipient has been recruited to continue the work associated with State Broadband Capacity Building. A formal AAR will be filed in the next quarter



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)

01-30-2012