

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

33-50-M09048

4. Report Date (MM/DD/YYYY)

07-12-2012

1. Recipient Name

University of New Hampshire

6. Designated Entity On Behalf Of:

New Hampshire

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:

06-30-2012

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 our discussions with providers remains as reported during the previous quarter. Sixty broadband providers have been identified in the state. Of this total, 37 are actively participating in the New Hampshire Broadband Mapping & Planning Program (NHBMPP). The remaining 23 providers, detailed in the Methodology document that accompanied the March 2012 data submission, have remained unresponsive to multiple and ongoing requests to participate in the program or have dropped out of the program after initially providing data. During the upcoming data collection cycle, NHBMPP will again encourage the participation of the 60 documented providers, including the 23 who have not participated in the past. However, we will focus primarily on working with those providers who are cooperating with the Program to validate, enhance, and analyze the data we are receiving. NHBMPP will also continue ongoing efforts to identify new providers delivering broadband service in the state.

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 continue to use web resources to maintain our statewide inventory of ~600 wi-fi locations.

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

N/A

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, collecting survey information (and geocoding the respondent locations) via the web site, and utilizing FCC data records. During the past quarter, we also made substantial progress on our wireless service drive test initiative, which will allow us to verify the wireless service coverage footprints submitted by providers. Please refer to the Q2 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?

7.68

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 | 65 | 01/01/2010 |
| Co Project Director | 8 | 01/01/2011 |
| GSDLN Planning Project Manager | 18 | 01/01/2011 |
| Cooperative Extension Planning | 52 | 01/01/2011 |
| Cooperative Extension Planning | 53 | 01/01/2011 |
| Mapping Project Coordinator | 100 | 01/29/2010 |
| Data Analyst | 43 | 01/01/2012 |
| GIS Analyst | 33 | 01/01/2010 |
| RPC Executive Directors | 43 | 01/01/2010 |
| RPC Fiscal Administration | 32 | 01/01/2010 |
| RPC GIS Specialists | 55 | 01/01/2010 |
| RPC GIS Specialists | 55 | 01/01/2010 |
| RPC Planners | 71 | 01/01/2011 |
| RPC Planners | 70 | 01/01/2011 |
| RPC Planners | 70 | 01/01/2011 |

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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 | 490,469 |
| 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 | Y | 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 | 01/01/2011 | 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 |

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Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$2,108,343 10q. How much Remains? \$4,004,995
 10r. How much matching funds have been expended as of the end of last quarter? \$511,722 10s. How much Remains? \$1,027,266
 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 | \$505,334 | \$48,788 | \$554,122 |
| Personnel Fringe Benefits | \$455,462 | \$29,630 | \$485,092 | \$135,537 | \$22,110 | \$157,647 |
| Travel | \$26,946 | \$0 | \$26,946 | \$17,206 | \$0 | \$17,206 |
| Equipment | \$10,000 | \$0 | \$10,000 | \$10,000 | \$0 | \$10,000 |
| Materials / Supplies | \$344,799 | \$0 | \$344,799 | \$147,102 | \$0 | \$147,102 |
| Subcontracts Total | \$2,877,229 | \$967,445 | \$3,844,674 | \$1,018,535 | \$248,641 | \$1,267,176 |
| Subcontract #1 | \$959,881 | \$490,469 | \$1,450,350 | \$775,952 | \$219,759 | \$995,711 |
| Subcontract #2 | \$1,033,672 | \$238,333 | \$1,272,005 | \$149,752 | \$28,882 | \$178,634 |
| Subcontract #3 | \$30,000 | \$0 | \$30,000 | \$3,950 | \$0 | \$3,950 |
| Subcontract #4 | \$344,523 | \$40,000 | \$384,523 | \$80,203 | \$0 | \$80,203 |
| Subcontract #5 | \$509,153 | \$198,643 | \$707,796 | \$8,678 | \$0 | \$8,678 |
| 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 | \$1,833,714 | \$446,634 | \$2,280,348 |
| Total Indirect Costs | \$836,999 | \$128,206 | \$965,205 | \$274,629 | \$65,088 | \$339,717 |
| Total Costs | \$6,113,338 | \$1,538,988 | \$7,652,326 | \$2,108,343 | \$511,722 | \$2,620,065 |
| % Of Total | 80 | 20 | 100 | 80 | 20 | 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

We have purchased a subscription to the MaxMind ISP database, to enhance the utility of the FCC speed test data by providing specific ISP information.

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

10aa. If yes, please list

Please see Q2 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.

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 Q2-2012 FFR (SF-425) document. On the budget worksheet question 10t, matching funds expended column, the amount reported (\$48,788) is less than the Q1-2012 PPR (\$49,924). A salary re-distribution was done which resulted in a decrease of matching funds expended in salaries. The matching fringe total was reported as \$22,110 in Q2-2012 and \$22,626 in Q1-2012. The redistribution of salaries resulted in a decrease in fringe benefits as well.

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

Please see Q2 Supplemental Answers Document.

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

Please see Q2 Supplemental Answers Document.

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

UNH Information Technology BTOP and SBI managers have worked with NH Department of Resource and Economic Development (DRED), and North Country Investment Council (NCIC) leaders to outline an NCIC sub-contract which will enhance efforts to build broadband development tool kits for use by interested communities/groups throughout the state and to assist them in expanding rural broadband access and utilization. An AAR will be filed in August to request approval of these modifications.

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 |
|-------------------|-----|-----|-----|-----|-----|-----|

| 11i. Planning Worksheet | | | | | | |
|---------------------------|-----|-----|-----|-----|-----|-----|
| 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?

NHBMPP project staff facilitated roundtable discussions at the New England BTOP Recipients Quarterly Meeting in Durham, NH, on May 2, 2012. At this meeting, NHBMPP Mapping Project staff presented a comprehensive update of the results of the NH mapping project for all participants and roundtable discussions on challenges states are facing were conducted. Several NHBMPP and Network NH Now staff attended the national Schools, Health and Libraries Broadband Coalition (SHLB) conference in Washington, DC. NH staff made presentations, served on panels and shared accomplishments and ideas with participants from other states.

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

None

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

As an example of broader program impacts, Xerox State Healthcare, LLC requested the support of the NH Broadband Mapping & Planning Program to analyze broadband coverage in order to develop a better understanding of the internet availability in New Hampshire. The broadband gap analyses provided by the NHBMPP has positioned Xerox to better support its customers across the State.

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)

08-17-2012