

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

33-50-M09048

4. Report Date (MM/DD/YYYY)

10-21-2011

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:

09-30-2011

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
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

As reported in prior quarters, segTEL, Inc. has not submitted the requested data despite repeated contacts and discussions. As they have a major presence in the state, their lack of participation represents a significant gap in our middle mile data inventory. Global Crossing North America, Inc. and NextWave Wireless, Inc., have also indicated they will not provide data. They are a lesser concern since they do not have significant footprints in the state. In addition, FairPoint Communications has been unwilling to provide a complete data set as they have not yet submitted middle mile interconnection points. Finally, a number of smaller providers (12) have remained unresponsive to repeated communications attempts via email and phone.

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 conducted website data mining for FairPoint Communications middle-mile interconnection points. We have also used web resources to inventory/map ~600 public wi-fi locations in the state.

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

We continue to consider conducting field verification of our wireless service polygons, and are researching options to see if this will be feasible within our budgetary constraints.

10g. Have you initiated verification activities? Yes No

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

We have implemented a number of verification activities, including purchasing/analyzing commercial data sets, processing FCC 477 data, conducting speed tests, conducting consumer surveys, and collecting field data. Please refer to the Q3 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?

7.8

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	26	01/01/2010
Co Project Director	9	01/01/2011
GSDLN Planning Project Manager	22	01/01/2011
Cooperative Extension Planning	66	01/01/2011
Cooperative Extension Planning	66	01/01/2011
GIS Analyst	20	01/01/2010
Mapping Project Coordinator	84	01/29/2010
RPC Executive Directors	38	01/01/2010
RPC Fiscal/Administration	31	01/01/2010
RPC GIS Specialists	77	01/01/2010
RPC GIS Specialists	78	01/01/2010
RPC Planners	87	01/01/2011
RPC Planners	88	01/01/2011
RPC Planners	88	01/01/2011

Add Row

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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 - Years 1 and 2	N	Y	01/01/2010	12/31/2014	811,381	219,069
Southwest Region Planning Commission	Planning Activities	N	Y	01/01/2010	12/31/2014	477,895	79,895
Upper Valley Lake Sunapee Regional Planning Commission	Mapping Activities - CAI Administration	N	N	01/01/2010	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	Non-Mapping Activities	N	N	01/01/2010	12/31/2014	555,777	158,438
Southwest Region Planning Commission	Mapping Activities - Years 3 through 5	N	N	01/01/2012	12/31/2014	148,500	271,400

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Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,252,369 10q. How much Remains? \$4,860,969

10r. How much matching funds have been expended as of the end of last quarter? \$397,918 10s. How much Remains? \$1,141,070

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	\$280,563	\$19,694	\$300,257
Personnel Fringe Benefits	\$455,462	\$29,630	\$485,092	\$65,064	\$8,941	\$74,005
Travel	\$26,946	\$0	\$26,946	\$9,207	\$0	\$9,207
Equipment	\$10,000	\$0	\$10,000	\$10,000	\$0	\$10,000
Materials / Supplies	\$344,799	\$0	\$344,799	\$101,564	\$0	\$101,564
Subcontracts Total	\$2,877,229	\$967,445	\$3,844,674	\$630,882	\$207,509	\$838,391
Subcontract #1	\$959,881	\$490,469	\$1,450,350	\$604,859	\$195,692	\$800,551
Subcontract #2	\$477,895	\$79,895	\$557,790	\$25,018	\$11,817	\$36,835
Subcontract #3	\$30,000	\$0	\$30,000	\$0	\$0	\$0
Subcontract #4	\$344,523	\$40,000	\$384,523	\$0	\$0	\$0
Subcontract #5	\$1,064,930	\$357,081	\$1,422,011	\$1,005	\$0	\$1,005
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	\$1,097,280	\$363,239	\$1,460,519
Total Indirect Costs	\$836,999	\$128,206	\$965,205	\$155,089	\$34,679	\$189,768
Total Costs	\$6,113,338	\$1,538,988	\$7,652,326	\$1,252,369	\$397,918	\$1,650,287
% 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 new activity since 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

Two data sets were purchased from InfoGroup USA: a) a master address file of all NH residents (~ 510,000 records) and NH businesses (~38,000 records); and b) a broadband connectivity file containing connection information harvested from internet transactions. The first data set is being used to support our rural addressing initiative, while the second is being used to support broadband coverage data verification activities.

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

10aa. If yes, please list

Please see Q3 Supplemental Answers Document.

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 previously - primarily difficulties with acquiring comprehensive data from service providers. Our mitigation strategy remains to request assistance from other state entities who may have contacts or responsibilities that involve these providers, and primarily from the NH Director of Broadband Technology. We also continue to offer technical assistance whenever possible to providers to facilitate the preparation and transfer of data. In addition, one aspect of the planning component of the project is the formation of broadband stakeholder groups. A number of providers have indicated an interest in the planning process, and we are requiring them to participate in the mapping activities if they wish to engage in the broadband planning component(s).

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 Q3-2011 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

The Broadband Capacity Planning project has been involved in the restructuring of the state Telecom Advisory Board (TAB) to address the remaining 8 unaddressed action items from the Broadband Action Plan via 8 subcommittees within the TAB, which is on target with identified milestones. The outline of template materials and outlining financing remains on target. The Broadband Technical Assistance Training is operating focus groups and gathering data for the broadband surveys that are slated to be distributed by the start of 2012. Project partners are gathering question data from a variety of sectors, including K-12 education, business, healthcare and municipalities. The team was awarded a speaking opportunity at the Local Government Center Conference in November and is preparing a presentation on the broadband mapping and planning efforts and how local governments can be key participants in the project goals. The Sector/Regional Broadband Planning project has begun its outreach efforts by forming Broadband Stakeholder Groups (BSG) and holding initial informational meetings across the state. The regional planning meeting occurred in August, which is on target, and culminated with a common project presentation that can be used across New Hampshire to describe the planning efforts for each sector and region.

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

Our greatest challenge remains meeting our proposed quarterly spend rates and milestones given an approved budget and spending authority, originally expected in January 2011, arriving May 2011. Our mitigation strategy is to accelerate those milestones that can be addressed with more concentrated effort, and to re-plan and adjust our timetable for those time-dependent tasks as needed. We expect to adjust our project timetable by the start of Year 3.

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. An AAR will be filed in the next quarter requesting these project changes once they have been formally considered and proposed.

Funding

11e. How much Federal funding has been expended as of the end of the last quarter? \$0

11f. How much Remains? \$0

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)

11-22-2011