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U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

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2. Award Or Grant Number

23-50-M09062

4. Report Date (MM/DD/YYYY)

06-05-2012

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1. Recipient Name State of Maine, ConnectME Authority	6. Designated Entity On Behalf Of: State of Maine

	8. Final Report?	9. Report Frequency
3. Street Address 138 Statehouse Station,	◯ Yes ⦿ No	⦿ Quarterly ◯ Semi Annual ◯ Annual ◯ Final
5. City, State, Zip Code Augusta, ME 04333-0138		

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: NA

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 project team has not entered into data sharing agreements with the following providers:
ACS Telecom Inc.
Bullseye Telecom
Caprock Communications
Cybertek Web Connection
Hughes Network Systems
Hussey Communications
Level 3 Communications
Matrix Telecom
Mitel Netsolutions
Paetec Communications
Qwest Communications International, Inc.
RCN Corporation
Segtel
SkyWay USA
Utel (d/b/a Bay Ring Communications)
Wholesale Carrier Services
World Discount Telecommunications (WDT)

For more details, please refer to the Q2 Supplemental Answers Document.

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

For details, please refer to the Q2 Supplemental Answers Document.

10f. Please describe the verification activities you plan to implement
Provider Validation
Speed Test Tool
Field Verification
Online Survey
Mail Survey

Telephone Survey
Service Locations / Failed Service Locations
FCC Form 477 Aggregate Data
FCC Consumer Broadband Test (CBT) Data
Third Party Commercial Data Sets
Broadband Availability Website
Static Map Gallery Website
E911 ALI Database Report
Cable Franchise Listing

For more details, please refer to the Q2 Supplemental Answers Document.

10g. Have you initiated verification activities? ⦿Yes   ○No

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

The project team has initiated the following verification activities:
Provider Validation
Speed Test Tool
Field Verification
Online Survey
Mail Survey
Telephone Survey
Service Locations / Failed Service Locations
FCC Form 477 Aggregate Data
Third Party Data Commercial Sets
FCC Consumer Broadband Test (CBT) Data
Broadband Availability Website
Static Map Gallery Website
E911 ALI Database Report
Cable Franchise Listing

For more details, please refer to the Q2 Supplemental Answers Document.

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

NA

Staffing

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

4.14

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

NA

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

4.14

10n. Staffing Table

Job Title	FTE %	Date of Hire
Executive Geographic Information Consultant	2	09/09/2009
Senior Project Manager	8	09/09/2009
Project Manager	40	09/09/2009
Project Coordinator	12	09/09/2009

Geographic Information System Analyst 3		100	09/09/2009
Geographic Information System Analyst 2		98	09/09/2009
Geographic Information System Technician 3		100	09/09/2009
Geographic Information System Technician 2		30	09/09/2009
Geographic Information System Technician 1		24	09/09/2009

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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
James W. Sewall	Mapping	Y	Y	09/09/2009	09/20/2012	3,485,000	228,754
James W. Sewall	Planning	Y	Y	08/24/2010	12/31/2014	436,000	111,633
State Planning Office	Capacity Planning	N	Y	01/31/2011	12/31/2014	777,452	155,236
Maine Department of Education	Technical Assistance	N	Y	02/02/2011	12/31/2014	690,040	250,457
GEM School Software	Collaboration Website	N	Y	01/20/2011	03/30/2015	90,000	0

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Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $2,266,584   10q. How much Remains? $2,706,908

10r. How much matching funds have been expended as of the end of last quarter? $780,187   10s. How much Remains? $585,788

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	$67,670	$275,134	$342,804	$0	$62,417	$62,417
Personnel Fringe Benefits	$33,330	$85,889	$119,219	$0	$21,541	$21,541
Travel	$19,010	$36,699	$55,709	$848	$7,871	$8,719
Equipment	$0	$0	$0	$0	$0	$0
Materials / Supplies	$32,500	$0	$32,500	$5,160	$0	$5,160
Subcontracts Total	$5,478,492	$746,080	$6,224,572	$962,796	$27,800	$990,596
Subcontract #1	$2,486,500	$10,000	$2,496,500	$659,036	$5,800	$664,836
Subcontract #2	$430,000	$10,000	$440,000	$93,510	$0	$93,510
Subcontract #3	$468,000	$0	$468,000	$120,000	$0	$120,000
Subcontract #4	$511,640	$99,038	$610,678	$75,250	$22,000	$97,250
Subcontract #5	$90,000	$0	$90,000	$15,000	$0	$15,000
Construction	$0	$0	$0	$0	$0	$0
Other	$685,380	$826,885	$1,512,265	$230,638	$286,288	$516,926

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Total Direct Costs	$4,824,030	$1,343,645	$6,167,675	$1,199,442	$405,917	$1,605,359
Total Indirect Costs	$149,462	$22,230	$171,692	$0	$0	$0
Total Costs	$4,973,492	$1,365,875	$6,339,367	$1,199,442	$405,917	$1,605,359
% Of Total	78	22	100	75	25	100

Hardware / Software

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

10v. If yes, please list
Speed Test Tool – The underlying technology for the Speed Test web application belongs to Ookla Networks. Ookla Networks received a one time fee to customize the tool for the State of Maine speed test web site and receives a yearly license fee.
Associated Cost – Customization fee: $1,000.00; license fee for subsequent years: $495.00 per year.

Database and Server Software Licenses – In order to host the Service Provider Data Upload web application and store the provider data submitted, licenses for Windows Server and for SQL Server, Standard Edition were acquired. To develop the provider data upload application, Adobe Flex was acquired.
Associated Cost – Windows Server & SQLServer, Standard Edition: $4,369.92; Adobe Flex: $498.00.

Mobile Wireless Field Collection Units – Hardware and software were purchased for the mobile wireless field collection units. The hardware included laptops with mobile wireless USB connection modems/cards and the software included Microsoft Office applications and Microsoft Streets and Trips.
Associated Cost – Laptops and software: $2,757.04; USB wireless air cards: $1,856.25.

Geoportal & Static Map Gallery Website - The website was implemented based on James W. Sewall's GeoPortal platform.
Associated Cost – Implementation & customization fee: $8,000.00; 2011 Hosting Fee/Support/Maintenance fee: $3,000.00; 2012 Hosting Fee/Support/Maintenance fee: $4,800.00; 2013 Hosting Fee/Support/Maintenance fee: $4,800.00.

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

NA

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

10y. If yes, please list
The project team determined that a third party road centerline data set was need to fill in areas where Maine towns were not yet participating in the State's E911 program and were not covered by the State's E911 roads data set. The project team selected the NAVTEQ NAVSTREETS product and the Maine Office of GIS licensed the product.

The project team licensed CoverageRight by State product from Mosaik Solutions (formerly American Roamer) for Maine. The Mosaik Solutions CoverageRight product for Maine has a 2 year license agreement at a fee of $12,671.25. The Mapping project has now paid the costs for the both years and will make a determination whether to extend or renew the license for this product.

The project team has purchased residential and business address lists from InfoUSA. At this point the Mapping project has acquired 10,000 addresses from InfoUSA at a cost of $650.00.

10z. Are there any additional project milestones or information that has not been included? ●Yes ○No
10aa. If yes, please list

For details, please refer to the 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
The Mapping project team has encountered challenges in the following areas:
Provider Data Formats
State E911 Street Coverage

Misalignment between Year 2010 Census Blocks & Maine E911 Streets
Fixed Wireless Propagation Modeling
Middle Mile Locations
Resellers
Data Confidence Intervals
Independent Verification of Wired and Fixed Wireless Coverages
Assimilating Verification Findings
CAI Broadband Service Information

For more details, please refer to the Q2 Supplemental Answers Document.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
The project team has identified 612 free public WiFi locations throughout the state. These hotspots have been compiled into a GIS data layer that will be included in the State's interactive broadband availability map.

The Address File Development project which was part of the supplemental and amended grant award has begun. The Maine Office of GIS has started building a statewide digital parcel data set. The digital parcels will then be used to construct street address points.

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 major activities for the Planning project are:
• Project Setup
• Data Gathering
• Data Analysis
• Needs Assessment
• Strategic Plan
• Program Implementation
• Measure Effectiveness
• Refine Strategic Plan

For more details, please refer to the 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
The Planning project team has encountered challenges in the following areas:
Reaching Rural Residents
Survey Returns
Subscriber Counts

For more details, please refer to the 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

NA

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

11i. Planning Worksheet						
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?

NA

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

NA

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

The ConnectME Authority held its second statewide broadband summit (Maine Broadband Summit 2.0) on 1-March-2012. The summit was held jointly with Maine Municipal Association's (MMA) yearly technology conference and the Maine GIS User Group (MEGUG) yearly conference. See the ConnectME Authority website (http://www.maine.gov/connectme/summit/Summit2.0.htm) for more information.

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 Lisa Leahy	12c. Telephone (area code, number, and extension)
	12d. Email Address Lisa.Leahy@maine.gov
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 08-17-2012