

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

44-50-M09052

4. Report Date (MM/DD/YYYY)

07-26-2011

1. Recipient Name

Rhode Island Economic Development Corp.

6. Designated Entity On Behalf Of:

Rhode Island

3. Street Address

315 Iron Horse Way, Suite 101,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Providence, RI 02908

7. Project / Grant Period  
Start Date: (MM/DD/YYYY)

12-20-2009

7a. End Date: (MM/DD/YYYY)

12-19-2014

7b. Reporting Period End Date:

06-30-2011

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
18	18	18	0	18	18

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

We have made contact with several new potential providers that we identified through our speed test data collection process and identified two (2) as facilities-based providers -- Clearwire and Starband. Their information has been added to our Provider Data spreadsheet attached. In addition, two providers on our original spreadsheet merged, bringing the total number of providers identified in RI to 18.

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

Activities to date are contained in the Verification Plan titled "verification process 3\_29.pdf" submitted to NTIA with Q3-2010\_PPR. Verification activities planned for mid-2011 and beyond include the following:

1) Direct Feedback Through Website: We will implement a channel of communication with the general public that gives them an opportunity to provide direct feedback on all aspects of the program but most importantly informs our verification process as to where our maps and information do not accurately reflect their situations.

2) New Data Sources. Data analysis that includes new data sources such as the FCC 477 data (if and where appropriate). If the feedback process (or any other data input) uncovers un-served or underserved areas that do not agree with our maps we will undertake the following verification activities:

3) Field Verification of Provider physical plant (facilities). On an as needed basis perform a high level "windshield" style survey of provider facilities in areas where our maps and direct feedback do not agree. Local knowledge, broadband utility knowledge, relationships with broadband providers would all be leveraged as well as field surveys to map out the actual physical location and routes of broadband provider facilities. With this data we would also gain a more detailed knowledge of where the broadband providers have actual middle mile and last mile facilities within Rhode Island.

4) Wireless Provider Data Verification. Same as field verification but applied to wireless broadband coverage -- test for wireless broadband service as well as capacity per each wireless provider in the identified areas. Plan still TBD.

10g. Have you initiated verification activities?  Yes  No

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

Verification activities for our initial data sets being executed per previously established plan. Field Verification of Provider physical plant (facilities) which is a new verification activity was performed in Q2CY11 in pilot location in Rhode Island. Data is being processed and analyzed and will be reported in next quarter (Q3CY11).

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?

For this period we created 4.43 FTE jobs as noted in our ARRA 1512 report.

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

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

For this reporting period we reached 4.43 FTE jobs. We expect that number to max out at 5 to 10 FTE -- the spread changes depending on how much work the various subcontractors perform in a quarter. With the current hiring plan the minimum FTE number for the life of the project is 3.0 with the additional upside attributed to subcontract hours.

10n. Staffing Table

Job Title	FTE %	Date of Hire
Broadband Program Manager	100	02/15/2011
Manager, Broadband Communications and Outreach	100	05/09/2011
Manager, Broadband Community Development	100	05/11/2011

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
EA Science Engineering and Technology	Data Collection, verification, mapping & display	Y	Y	01/15/2010	12/31/2011	697,087	0
URI Environmental Data Center	Geospatial Expert	N	Y	03/01/2011	12/31/2011	49,422	
New Commons	State Broadband Priorities Assessment	Y	Y	12/06/2010	06/30/2011	30,757	
W2i Digital Inclusion Forum	Broadband Adoption Program Pilot	N	Y	02/22/2011	05/31/2011	19,620	
EA Science Engineering and Technology	Contract Addendum to include mapping years 3-5, verification, Digital Atlas, project management	N	Y	03/21/2011	12/31/2014	713,376	
Chafee Center for International Business at Bryant University	Broadband Economic Analysis	N	Y	02/18/2011	06/15/2011	19,800	

Add Row

Remove Row

### Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,190,494      10q. How much Remains? \$3,354,293  
 10r. How much matching funds have been expended as of the end of last quarter? \$703,473      10s. How much Remains? \$432,724

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	\$983,005	\$57,545	\$1,040,550	\$173,769	\$16,763	\$190,532
Personnel Fringe Benefits	\$373,547	\$21,454	\$395,001	\$46,872	\$7,191	\$54,063
Travel	\$36,500	\$0	\$36,500	\$7,291	\$0	\$7,291
Equipment	\$30,000	\$0	\$30,000	\$7,256	\$0	\$7,256
Materials / Supplies	\$67,500	\$0	\$67,500	\$3,829	\$0	\$3,829
Subcontracts Total	\$2,902,950	\$0	\$2,902,950	\$892,861	\$0	\$892,861
Subcontract #1	\$697,087	\$0	\$697,087	\$781,114	\$0	\$781,114
Subcontract #2	\$49,422	\$0	\$49,422	\$40,877	\$0	\$40,877
Subcontract #3	\$30,757	\$0	\$30,757	\$31,350	\$0	\$31,350
Subcontract #4	\$19,620	\$0	\$19,620	\$19,620	\$0	\$19,620
Subcontract #5	\$2,106,064	\$0	\$2,106,064	\$19,800	\$0	\$19,800
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$151,285	\$593,333	\$744,618	\$58,716	\$592,349	\$651,065
Total Direct Costs	\$4,544,787	\$672,332	\$5,217,119	\$1,190,494	\$616,303	\$1,806,797
Total Indirect Costs	\$0	\$463,863	\$463,863	\$0	\$87,170	\$87,170
Total Costs	\$4,544,787	\$1,136,195	\$5,680,982	\$1,190,494	\$703,473	\$1,893,967
% Of Total	80	20	100	63	37	100

**Hardware / Software**

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

10v. If yes, please list

Dell Server & Uninterruptable Power Supply -- cost \$5,244 (hosts ArcGIS software and services associated with the mapping project)  
 Two HP Laptops -- cost \$1,948.

10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased  
 Webserver purchase postponed as we are using virtual web services to host broadband.ri.gov website.

Laptop for new employee purchased in Q3CY11 -- will be reported next quarter.

Team is evaluating the purchase of tablets (Apple iPad) for use in our project management, digital literacy and broadband adoption activities. Purchase planned for Q3CY11.

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

n/a

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

Status on Milestones for Mapping Project from Project Plan:

Project 1: Data Collection, Verification & Display

- Deliver Second Data Submittal to NTIA (DONE)
- Develop Rhode Island Broadband Program specific data model (DONE)
- Procure Non-Disclosure Agreements for newly identified broadband providers (DONE)
- Initiate geography (Town) specific broadband coverage mapping (DONE)
- Initiate geographic data analysis (DONE)
- Develop and launch second generation of broadband web mapping application (DONE)
- Various GIS Analysis Tasks (DONE)
- Data Collection from Rhode Island BTOP Grant Awardees (DONE)
- Coordinate with geographical area (New England) broadband community (DONE)

## 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

Project 2: State Broadband Capacity Building

- Hire new program employees (DONE)
- Hold 2 roundtable meetings to develop state priorities (DONE)
- Propose Broadband Advisory Board (DONE)
- Hold Pilot Broadband Adoption Meeting (Rescheduled – see explanation in next section)

Project 3: Broadband Application Development

a. Online Business Incubator (formerly Microbusiness e-incubator)

- Beta Version (Slipped -- see explanation in next section)

b. Broadband Emergency Notification System

- 1st meeting of the workgroup and a draft project description and structure (DONE)
- Vet plan with public safety community (Slipped -- see explanation in next section)
- Finalize plan and create project schedule (Slipped -- see explanation in next section)

IV. Project 4: Technical Assistance

- Finalize Decision on Digital Literacy Curriculum (Slipped -- see explanation in next section)

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

Hold Pilot Broadband Adoption Meeting – Rescheduled

- Integrated as part of Technical Assistance (Digital Literacy) project and pilot scheduled for October 2011

Beta Version -- Slipped

- As per note in the Subcontractor Spreadsheet -- Rhode\_Island\_Subcontractors\_06302011.xlsx -- Size of project required that we put this out to bid. Bids received and evaluation in process. Contract will be signed in early August and will be reported in next (Q3CY11) reporting period.

Vet plan with public safety community – Slipped

Finalize plan and create project schedule -- Slipped

- As a result of the first meeting with the Public Safety team, we determined that the first step in this project is to get a baseline of data by surveying the Emergency Management community as well as the public about their use of the Internet for notification. We developed a first draft of the survey and had it vetted through a state-run survey committee. Survey needs work and will continue to be developed. In order to accelerate the pace of this project we are enlisting project management support from our mapping vendor EA Engineering. We expect to report on a more evolved project schedule in the next quarter PPR.

Finalize Decision on Digital Literacy Curriculum – Slipped

• As per note in the Subcontractor Spreadsheet -- Rhode\_Island\_Subcontractors\_06302011.xlsx -- Could not come to terms with Ocean State Libraries. Put project out to bid. Final contract signed in July 2011 and will be reported in next (Q3CY11) reporting period.

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

n/a

**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
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?

n/a

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

n/a

11I. 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

Stuart M Freiman

Broadband Program Manager

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

(401) 278-9168

12d. Email Address

sfreiman@riedc.com

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

07-28-2011