

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

44-50-M09052

4. Report Date (MM/DD/YYYY)

04-16-2012

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:

03-31-2012

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

n/a

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: 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 -- Updated. The team became aware of new patent pending technology that can perform statewide wireless signal monitoring and measurement from the air. This technology and methodology is the first that we've learned of that makes sense for our verification purposes and are evaluating its' use.

10g. Have you initiated verification activities?  Yes  No

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

Verification activities for our data sets being executed per previously established plan. We are still evaluating the wireless verification as indicated above in section 10.f in Q2CY2012.

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?

7.02

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

Per section 10k. the project was fully staffed through the end of Q1CY12. However, the Manager, Broadband Community Development resigned as of March 30, 2012. As there is a statewide hiring freeze, we are working with the Governor's office to get approval to replace this vacancy. Approval has not yet been received as of 4/27/12.

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 7.02 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 Director	100	02/15/2010
Manager, Broadband Communications and Outreach	100	05/09/2011
Manager, Broadband Community Development	100	05/11/2011

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
EA Science, Engineering and Technology	Data collection, verification, mapping and display	Y	Y	01/15/2010	12/31/2014	1,410,463	0
URI Environmental Data Center	Geospatial Expert	N	Y	03/01/2011	12/31/2012	85,453	0
New Commons	State Broadband Priorities Assessment	Y	Y	12/06/2010	06/30/2011	30,757	0
W2i Digital Inclusion Forum	Broadband Adoption Program Pilot	N	Y	02/22/2011	05/31/2011	19,620	0
Chafee Center for Int'l Business at Bryant U.	Broadband Economic Analysis	N	Y	02/18/2011	06/15/2011	19,800	0
New Commons	Digital Literacy Community Development	Y	Y	07/08/2011	06/30/2012	167,664	0
Embolden, Inc.	BBRI Website	Y	Y	08/02/2011	08/02/2014	36,100	0
C Squared Strategy	Broadband Adoption Rate Research	N	Y	08/23/2011	12/31/2011	19,900	0

RPM Strategy	Online Business Incubator Project	Y	Y	09/08/2011	09/01/2012	212,700	0
Community Economic Futures	Broadband Policy White Paper	N	Y	09/29/2011	11/30/2011	10,080	0
Capital Good Fund	Digital Literacy Program Pilot	N	Y	02/06/2012	09/30/2012	19,500	0
ICF International	FCC CAF Fund SWOT Analysis	N	Y	02/20/2012	05/30/2012	19,000	0
Emergency Notification (Project definition in process)	Broadband-based Emergency Notification System	N	N	12/31/2011	12/31/2014	300,000	0
TBD	Capacity Building (\$389,077) and Digital Literacy (\$162,836)	N	N	12/31/2011	12/31/2014	551,913	0

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### Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$2,032,185      10q. How much Remains? \$2,512,602

10r. How much matching funds have been expended as of the end of last quarter? \$880,666      10s. How much Remains? \$255,531

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	\$331,112	\$16,763	\$347,875
Personnel Fringe Benefits	\$373,547	\$21,454	\$395,001	\$87,319	\$7,191	\$94,510
Travel	\$36,500	\$0	\$36,500	\$8,916	\$0	\$8,916
Equipment	\$30,000	\$0	\$30,000	\$11,261	\$0	\$11,261
Materials / Supplies	\$67,500	\$0	\$67,500	\$6,523	\$0	\$6,523
Subcontracts Total	\$2,902,950	\$0	\$2,902,950	\$1,464,606	\$0	\$1,464,606
Subcontract #1	\$1,410,463	\$0	\$1,410,463	\$1,006,532	\$0	\$1,006,532
Subcontract #2	\$85,453	\$0	\$85,453	\$59,763	\$0	\$59,763
Subcontract #3	\$30,757	\$0	\$30,757	\$30,757	\$0	\$30,757
Subcontract #4	\$19,620	\$0	\$19,620	\$19,620	\$0	\$19,620
Subcontract #5	\$1,356,657	\$0	\$1,356,657	\$347,934	\$0	\$347,934
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$151,285	\$593,333	\$744,618	\$122,448	\$592,349	\$714,797
<b>Total Direct Costs</b>	<b>\$4,544,787</b>	<b>\$673,332</b>	<b>\$5,218,119</b>	<b>\$2,032,185</b>	<b>\$616,303</b>	<b>\$2,648,488</b>
<b>Total Indirect Costs</b>	<b>\$0</b>	<b>\$463,863</b>	<b>\$463,863</b>	<b>\$0</b>	<b>\$264,363</b>	<b>\$264,363</b>
<b>Total Costs</b>	<b>\$4,544,787</b>	<b>\$1,136,195</b>	<b>\$5,680,982</b>	<b>\$2,032,185</b>	<b>\$880,666</b>	<b>\$2,912,851</b>
<b>% Of Total</b>	<b>80</b>	<b>20</b>	<b>100</b>	<b>70</b>	<b>30</b>	<b>100</b>

### 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),  
Three HP Laptops -- cost \$3,048, Three Apple iPads -- cost \$2,395.

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

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

n/a

## 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

See attached document entitled Q1CY12\_PPR\_Supplement.docx

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

See attached document entitled Q1CY12\_PPR\_Supplement.docx

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

In Q1CY12 we continued to reassess the Public Safety Notification System project (see attached document entitled Q1CY12\_PPR\_Supplement.docx -- Project 3) and have concluded that it is in the best interest of the overall program to propose alternatives which will focus on leveraging the growth and success of our current projects. Our plan is to get that change process underway with the NTIA in Q2CY12.

## 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

11l. 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)

06-05-2012