

Application for Federal Assistance SF-424

Version 02

*1. Type of Submission <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		*2. Type of Application <input type="checkbox"/> New <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Revision		*If Revision, select appropriate letter(s): E- Supplemental Award for Years 2 thru 5 * Other (Specify) E- Supplemental Award for Years 2 thru 5	
*3. Date Received:		4. Application Identifier:			
5a. Federal Entity Identifier:			*5b. Federal Award Identifier:		
State Use Only:					
6. Date Received by State:			7. State Application Identifier:		
8. APPLICANT INFORMATION:					
* a. Legal Name: Rhode Island Economic Development Corporation					
* b. Employer/Taxpayer Identification Number (EIN/TIN): 05-0356994			*c. Organizational DUNS: 824875843		
d. Address:					
*Street1: 315 Iron Horse Way Street 2: Suite 101 *City: Providence County: *State: RI Province: Country: USA					
*Zip/ Postal Code: 02908					
e. Organizational Unit:					
Department Name:			Division Name:		
f. Name and contact information of person to be contacted on matters involving this application:					
Prefix:		First Name: Stuart			
Middle Name:					
*Last Name: Freiman					
Suffix:					
Title:		Broadband Program Manager			
Organizational Affiliation:					
*Telephone Number: 401-278-9168			Fax Number:		
*Email: sfreiman@riedc.com					

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9. Type of Applicant 1: Select Applicant Type: A. State Government

Type of Applicant 2: Select Applicant Type:

- Select One -

Type of Applicant 3: Select Applicant Type:

- Select One -

*Other (specify):

*10. Name of Federal Agency:

Department of Commerce

11. Catalog of Federal Domestic Assistance Number:

11.558

CFDA Title:

American Recovery and Reinvestment Act - SBDD

*12. Funding Opportunity Number: 0660-ZA29

*Title:

Recovery Act - State Broadband Data and Development Grant Program

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

State of RI

*15. Descriptive Title of Applicant's Project:

Rhode Island Broadband Mapping and Planning Program

Attach supporting documents as specified in agency instructions.

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16. Congressional Districts Of:

*a. Applicant

RI-All

*b. Program/Project:

RI-All

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: 12/28/09

*b. End Date: 12/28/14

18. Estimated Funding (\$):

*a. Federal	\$3,707,127.00
*b. Applicant	\$1,485,193.00
*c. State	\$0.00
*d. Local	\$0.00
*e. Other	\$0.00
*f. Program Income	\$0.00
*g. TOTAL	\$5,192,320.00

*19. Is Application Subject to Review By State Under Executive Order 12372 Process?

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☒ c. Program is not covered by E.O. 12372

*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

☐ Yes ☒ No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ **I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

*First Name: WILLIAM

Middle Name:

*Last Name: PARSONS

Suffix:

*Title: DEPUTY DIRECTOR

*Telephone Number: 401-278-9100

Fax Number:

*Email: bparsons@riedc.com

*Signature of Authorized Representative: William J. Parsons Date Signed: 7/1/2010

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***Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. SBDD	11.558	\$	\$	\$ 3,707,127.00	\$ 1,485,193.00	\$ 5,192,320.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$ 0.00	\$ 0.00	\$ 3,707,127.00	\$ 1,485,193.00	\$ 5,192,320.00
SECTION B - BUDGET CATEGORIES						
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY					Total (5)
	(1)	Federal	(2)	Non-Federal	(3)	
a. Personnel	\$	1,081,162.00	\$		\$	\$ 1,081,162.00
b. Fringe Benefits		432,465.00				432,465.00
c. Travel		24,000.00				24,000.00
d. Equipment		5,000.00				5,000.00
e. Supplies		7,500.00				7,500.00
f. Contractual		1,867,000.00				1,867,000.00
g. Construction		0.00				0.00
h. Other		290,000.00				290,000.00
i. Total Direct Charges (sum of 6a-6h)		3,707,127.00		0.00	0.00	3,707,127.00
j. Indirect Charges				1,485,193.00		1,485,193.00
k. TOTALS (sum of 6i and 6j)	\$	3,707,127.00	\$	1,485,193.00	\$ 0.00	\$ 5,192,320.00
7. Program Income	\$		\$		\$	\$ 0.00

Authorized for Local Reproduction

Standard Form 424A (Rev. 7-97)
Prescribed by OMB Circular A-102

Previous Edition Usable

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. SBDD	\$ 1,485,193.00	\$	\$	\$ 1,485,193.00	
9.				0.00	
10.				0.00	
11.				0.00	
12. TOTAL (sum of lines 8-11)	\$ 1,485,193.00	\$ 0.00	\$ 0.00	\$ 1,485,193.00	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 0.00	\$	\$	\$	\$
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (Years)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.SBDD	\$	\$	\$	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges: \$ 3,707,127		22. Indirect Charges: \$1,485,193			
23. Remarks:					

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL		TITLE	
<i>William J. Parsons</i>		<i>Deputy Director</i>	
APPLICANT ORGANIZATION		DATE SUBMITTED	
<i>RI Economic Development Corp.</i>		June 28, 2010	

State Broadband Data & Development Grant Program

Rhode Island Supplemental Grant Application



Stuart Freiman
Broadband Program Manager
Rhode Island Economic Development Corporation

Submitted July 1, 2010

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I. Abstract

A. Current Project Funding and Activities

- a. Current Funding: \$1,542,660
- b. Activities – As the designated entity for the State of Rhode Island, Rhode Island Economic Development Corporation (RIEDC) was and/or is engaged in the following activities related to the State Broadband Data and Development Program:
 - i. Identifying Broadband Providers and signing NDA's
 - ii. Broadband Data Collection, Integration & Verification – Data comprises availability data, including speed and type of technology at a census block level, and for census blocks greater than two square miles, at a road segment level.
 - iii. Collecting broadband information for Community Anchor Institutions and tribes
 - iv. Developing Broadband Rhode Island website and mapping functionality
 - v. Building Broadband Capacity in the state by hiring a Program Manager and creating a new initiative in the state called "Broadband Rhode Island" which provides the framework and identity for the program
 - vi. Also received funding to support a state broadband task force

B. Proposed Funding for new Projects

- a. Additional Funding Being Requested: \$3,707,127
 - i. **Project 1: Data Collection, Verification & Display (Years 2-5) \$812,000**
 1. Data Collection & Verification – Years 3 – 5: \$647,500
Description: Sustained data collection, integration, verification & display for years 3 – 5 of project.
 2. Additional Data Collection & Verification – Year 2: \$164,500
Description: Additional funding for year 2 to cover unanticipated costs in website development, speed test cost & verification analysis
 - ii. **Project 2: State Broadband Capacity Building (Years 2-5) \$1,890,127**
 1. Description: Build Rhode Island's capacity to understand and address broadband adoption and its impact on the economy and society and execute projects related to expanding broadband adoption in the state.
 - iii. **Project 3: Broadband Application Development (Years 2-5) \$450,000**
 1. Description: This project seeks to explore and test the impact that critical, high value on-line applications can have in increasing broadband adoption among those who do not use the Internet today.
 - iv. **Project 4: Technical Assistance (Years 2-5) \$555,000**
 1. Description: Wide-ranging multifaceted program that leverages existing structure within the state to greatly expand contact with our target population and also develop relationships and collaborations with newly identified groups/organizations to achieve the same goals.

II. Detailed Budget and Form 424

See attached spreadsheet: Supplemental Broadband Budget.xlsx

See attached PDF: RI Supp B-Band 424 424A 424B.pdf

III. Budget Narrative

Personnel – \$1,081,162

Personnel expenses cover salaries for a Program Manager for years 3-5 and three new full-time positions for years 2 – 5.

Fringe Benefits – \$432,465

The RIEDC assigns approximately 40% of salary to fringe benefits.

Travel -- \$24,000

\$24K in additional travel budget, estimated at \$6000/year, which comprises \$4000/year in-state travel and \$2000/year in out-of-state travel. This additional budget covers the mileage and expenses related to the new project team members traveling across the state as part of our obligation to communicate with and disseminate project information to the various stakeholders within the state through conferences, workshops & meetings. Calculated as follows:

\$4000 -- Avg. 50 miles per round trip for 3 people for 4.5 meetings per month for 12 months (approximately 8000 miles) @ rate of \$.50 per mile.

\$2000 – Airfare / Room & Board for approximately three trips per year out-of-state in support of the Broadband Mapping Project for reporting to the NTIA/Federal Government, meetings with other states, out-of-state planning outreach, etc. Calculated at approximately \$670/trip.

Equipment – \$5000

The equipment budget of \$5,000 is planned as a second year expense and covers three (3) laptops and maintenance contracts which will be assigned to new personnel. Estimate based on market pricing.

Supplies – \$7500

The supply budget of \$7500 is estimated at \$2500 per year for years 3 – 5 to cover reports and outreach collateral generated by the project during that period of time. We've already estimated office supplies and the like in our initial grant.

Contractual – \$1,867,000

This contractual number is an estimate for years 2-5 broken out as follows: \$684,500 in year 2, \$484,500 in year 3, \$395,500 in year 4 & \$302,500 in year 5. This amount covers a multitude of projects including: Mapping and verification for years 3 -5 (with an additional \$164k requested for year 2), Primary research on broadband adoption rates, strategic planning initiative, community meetings, virtual microbusiness incubator project, public safety notification system and library-based digital literacy training. The numbers, which are indicated in the budget spreadsheet, are estimates but represent realistic

approximations for these projects. It is possible that rather than contracts, some of this number will be sub-granted to our partners for them to execute and manage the projects.

Other – \$290,000

Other expenses are budgeted at \$290,000 which breaks out as follows:

Legal fees -- \$30,000 – Estimated at \$10,000/year in years 2 & 3 and \$5000/year in years 4 & 5. In the initial grant, we did not budget for project legal fees for contract development and negotiation, but incurred fees associated with those activities. These expenses will cover the cost of developing and negotiating new contracts and developing and managing the legal agreements for a sub-grant program and rebate program, if implemented.

Computer acquisition subsidy – \$260,000 – As indicated in the Technical Assistance project, we are in initial discussions with Intel regarding a subsidy or rebate program to incent people who do not own computers to purchase a new computer – the first step to initiating broadband access. We have not worked out the details of the project yet, but we've developed an estimate calculated as follows: \$80,000/year for years 2 & 3, \$60,000 in year 4 & \$40,000 in year 5. The money would be used to defray the cost of a new computer for an eligible family or business calculated at anywhere from \$10 to \$100 per computer depending on the terms of the program. That would cover 800 – 8000 computers in years 2 & 3, 600 – 6000 computers in year 4 & 400 – 4000 computers in year 5. Clearly the details here are still TBD.

Indirect Expenses – \$1,485,193

RIEDC is in the process of establishing an indirect rate. The indirect expenses projected are based on a preliminary "Salaries-based" indirect cost rate for FY2009 (year ending 6/30/09) of 137.37%. RIEDC is proposing that these costs cover our matching funds requirement for the program.

IV. Project Narrative

Funds previously awarded: \$1,542,660

New Funds being requested: \$3,707,127

In the initial phase of Rhode Island's broadband mapping project which commenced on January 15, 2010, the state of Rhode Island contracted the services of EA Engineering, Science and Technology, headquartered in Maryland, to manage the collection, processing and verification of the data and to create the statewide broadband map and project website.

Our team successfully set up and executed an effective and sustainable data collection process which we intend to replicate and refine over the course of the project. We met the requirements of the NOFA with regards to the type, format and granularity of the data, NDA process and data confidentiality. In addition to collecting provider data, we set up a process to collect data from Community Anchor Institutions which include K-12 schools, libraries, medical and healthcare providers, public safety agencies, public colleges & universities and other institutions of higher education.

In addition to the requirements specified by the NOFA, the team added several elements that have already been identified as best practices including submitting data via the geodatabase, data confidence scales, address level files and a provider feedback mechanism.

Finally, we started building our Building Broadband capacity in the state by hiring a Program Manager and creating a new initiative in the state called "Broadband Rhode Island" which provides the framework and identity for the program.

Project 1: Data Collection, Integration, Verification and Display

Current amount that has been awarded for this activity: \$1,042,721

New funding requested for this project: \$812,000

Total Funding for Data Collection, Integration, Verification & Display: \$1,854,721

DATA GATHERING METHODOLOGY

As mentioned the team was satisfied with the provider data gathering methodology we employed for the initial data phase. We intend to use the same approach for the foreseeable future. We developed the flowchart in Figure 1 which depicts our approach.

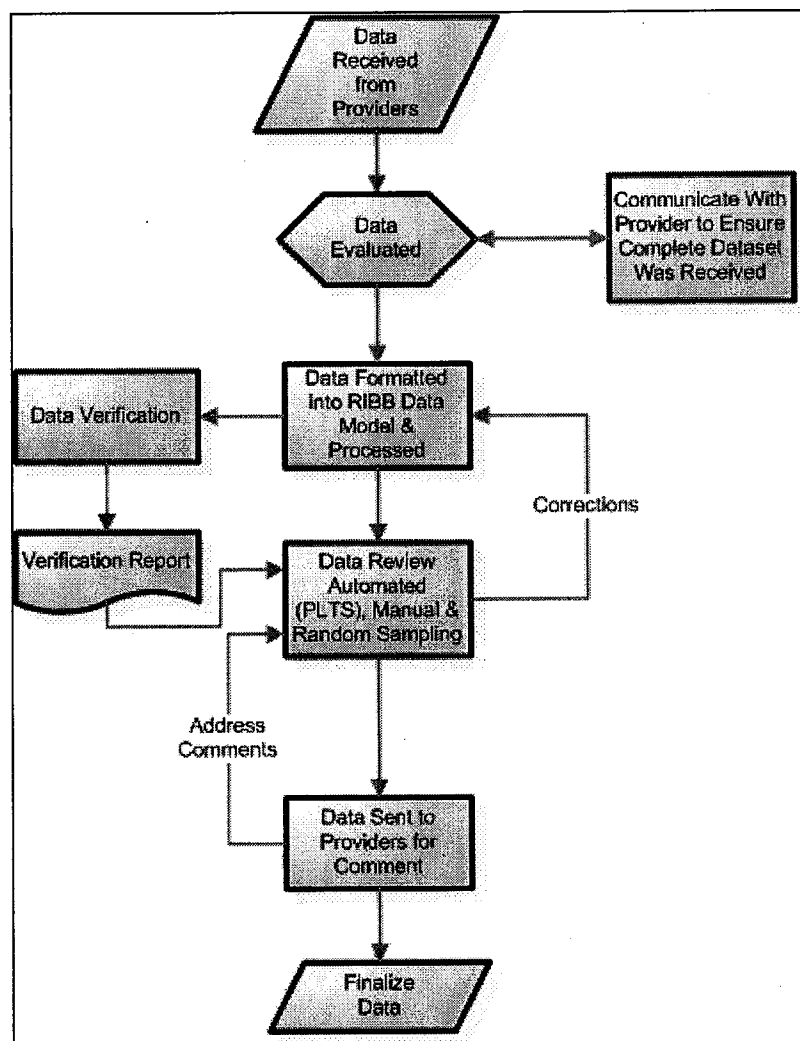


Figure 1. Rhode Island Broadband Data Gathering Methodology

Additional steps we will take in our future data gathering efforts include the following:

- 1) Through the speed test we deployed in the data verification process, we discovered that there are additional providers located in the state that we weren't aware of. We will continue to iterate the process of signing NDA's and collecting data from newly identified providers until we have them all identified and covered.
- 2) In each data collection period the team will request another full dataset from each vendor that previously provided data and will implement a process to compare the previous dataset with the new dataset to identify the new areas of broadband coverage.
- 3) We were moderately successful in collecting data from the community anchor institutions in the initial data gathering phase. We will develop a more aggressive process to assure that we finish our data collection from those institutions.
- 4) We have not been successful in obtaining data from our local tribal organization. They have been contacted a number of times but have yet to respond to any contact. We will continue to drive different paths to assure we get their cooperation.

PROCESSES FOR DATA INTEGRATION

The team will continue to integrate the dataset at three levels:

- 1) Federal – The team is already submitting the data to the NTIA in a geodatabase and will continue to do so.
- 2) State – Through our association with the University of Rhode Island and the State GIS coordinator, the public broadband data will be integrated into the statewide mapping system called RIGIS.
- 3) Broadband Mapping Project – The data will be made available in a publically accessible, easy-to-use mapping application on the Broadband Rhode Island website.

VERIFICATION METHODOLOGY

In the initial data delivery phase the team performed four levels of data verification as follows:

- 1) **Providers provide review and feedback on the data they submit.** Once the provider's data is entered into the data model and mapped it is returned to the providers in a map format. The providers are then asked to report back on their review of the data. This allows the providers to review the data and determine if any areas were omitted.
- 2) **Independent verification.** Through various checks including web surveys, web research, and spatial analysis with broadband speed test information we will verify the accuracy and completeness of the information provided to the project team. This process is comprised of several steps to ensure that the services provided to the public matches the provided data. Visitors to the BBRI website, visitors are encouraged to take a **speed test** (provided by Ookla). The team will use the speed test data to compare both the location and speed of the service being provided with the data submitted by the providers.
- 3) **Web Survey for Community Anchor Institutions.** The third step in this process is an online web survey used for community anchor institutions (CAIs). We will be collecting CAI data en masse

from state agencies using a top down approach. This will allow for the capture of a large number of CAls broadband data at one time. Once the data is collected, online surveys will be emailed to each location to verify that the location's information matches the information provided by the state agency it falls under. The quick 10 questions survey followed by a speed test will allow Rhode Island to accurately capture and verify broadband information for all of the CAls in the state.

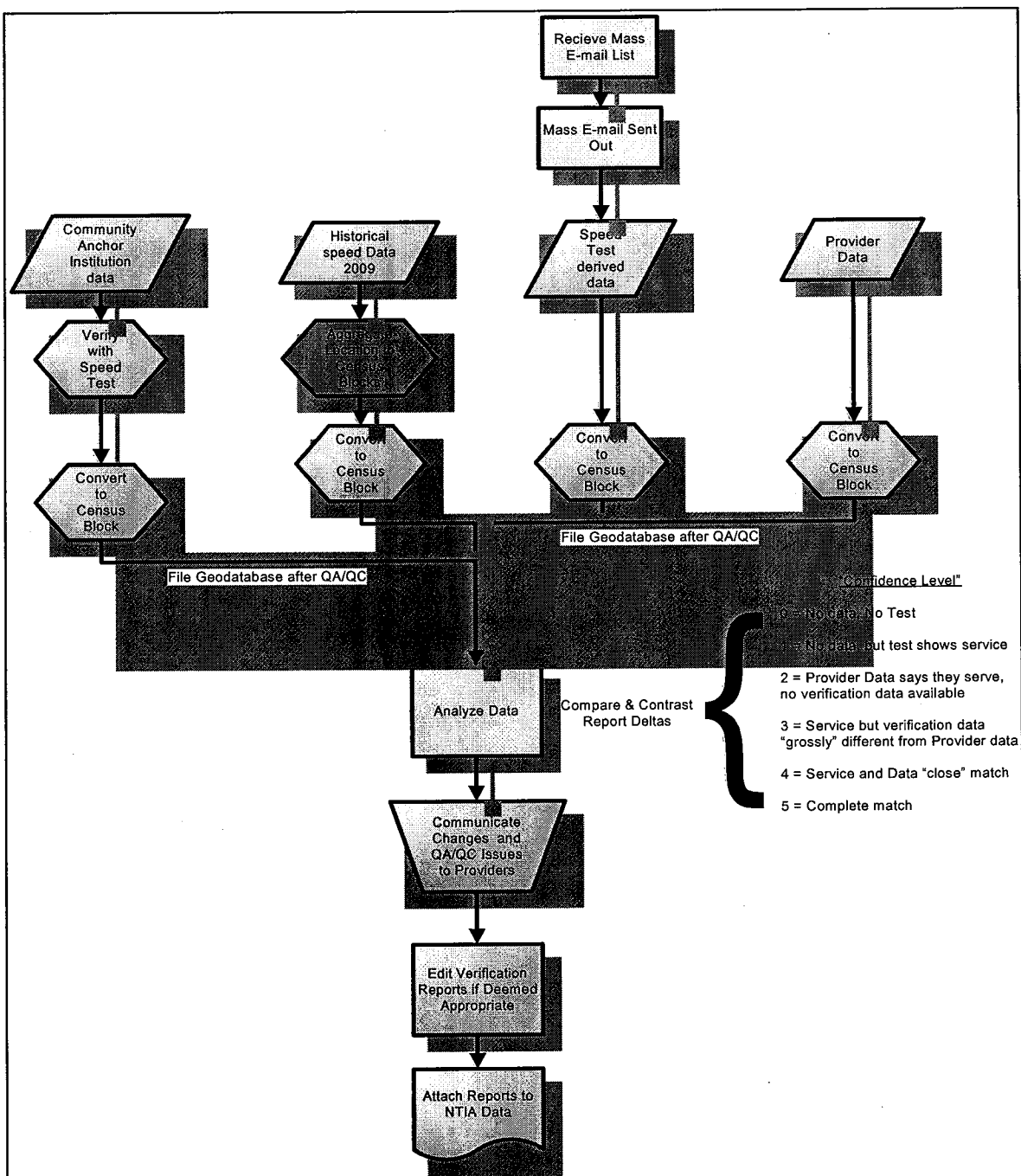
- 4) **Historical Speed Test Data.** Historical speed test data purchased from Ookla will serve as the fourth input into our verification process. A data set comprised of 2009 calendar year data has been purchased and this data provides speed test information at the address level.

After the collection of the four datasets outlined above our team will compare and contrast these various datasets and produce a report noting the delta's at the census block level. From these deltas our team will then be able to assign a verification confidence level to our providers' data; this will serve as our "verification". We have established a confidence rating system which will be applied to all broadband service data that is reported to the NTIA on this project. The verification confidence level rating system is as follows:

- 0 = No data, No Test
- 1 = No data, but test shows service
- 2 = Provider Data says they serve, no verification data available
- 3 = Service but verification data "grossly" different from Provider data
- 4 = Service and Data "close" match
- 5 = Complete match

Once we've collected all of the data, our team verification expert produces a "Verification Analysis" report which analyzes and compares the provider and verification data and assigns a confidence level by vendor (as described above) on the data they provided. We will generate this report for every data collection cycle and will include a feedback loop for the providers.

The flowchart on the next page outlines our verification process:



In addition to the process outlined above, we believe that the verification process will be an organic, constantly changing and improving process. Additions and improvements will be added on a rolling basis to include the following:

- 1) **Direct Feedback Through Website.** Through our 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. Utilize cutting edge wireless applications to survey wireless coverage in areas where our maps and direct feedback do not agree. The methodology to be employed will be the physical survey of determined testing locations (possibly including waterways) to test for wireless broadband service as well as capacity per each wireless provider in the identified areas.

ADDRESS FILE DEVELOPMENT

During the initial data collection effort a few providers transmitted data to the RIEDC in the form of address level data. RIEDC also collected address level data via our speed test application. Therefore we have already incorporated address level data sets into our workflows and processes. RIEDC utilized road centerline files with address geocoding provided by the state numbers board for the purposes of the state's E-911 system.

REPEATED DATA UPDATING

Per the information provided above, the team will continue to collect, integrate and verify the broadband data on a semi-annual basis per NTIA requirements. Our schedule for the first two years of data collection (already funded) is as follows:

- **Initial Data Collection** (data as of June 30, 2009) submitted to the NTIA on May 28, 2010
- **First Data Update** (data as of June 30, 2010) will be submitted to NTIA by September 1, 2010
- **Second Data Update** (data as of Dec. 31, 2010) will be submitted to NTIA by March 1, 2011
- **Third Data Update** (data as of June 30, 2011) will be submitted to NTIA by September 1, 2011

In this supplementary grant application we are requesting funds to continue data collection and updates for an additional three years. The following is our intended data submission schedule for that period:

- **Fourth Data Update** (data as of Dec. 31, 2011) will be submitted to the NTIA by March 1, 2012
- **Fifth Data Update** (data as of June 30, 2012) will be submitted to NTIA by September 1, 2012

- **Six Data Update** (data as of December 31, 2012) will be submitted to NTIA by March 1, 2013
- **Seventh Data Update** (data as of June 30, 2013) will be submitted to NTIA by September 1, 2013
- **Eighth Data Update** (data as of December 31, 2013) will be submitted to NTIA by March 1, 2014
- **Ninth Data Update** (data as of June 30, 2014) will be submitted to NTIA by September 1, 2014

LEADING PRACTICE IMPLEMENTATION

The team has evaluated the leading practice suggestions put forth by the NTIA. In looking at the list we found that we already implemented a number of the leading practices including submitting data via the geodatabase, data confidence scales, address level files and a provider feedback mechanism.

We will adopt additional leading practices as they become relevant to our project including looking at reseller information, free public wi-fi and the inclusion of public data sources. In our analysis of the ideas we found that they will not incur additional cost to our project and we will not be requesting additional funds for these activities.

DATA DISPLAY

We will keep our mapping application active on the Broadband Rhode Island website (broadband.ri.gov) throughout the life of the project and will continue to improve the application in capability and value.

Project 2: State Broadband Capacity Building

DESCRIPTION: Build Rhode Island's capacity to understand and address issues related to Broadband adoption and its impact on the economy and society.

FUNDS AWARDED: \$499,939

FUNDS REQUESTED: \$1,890,127

NOTE: We have allocated all of our personnel costs through this project, hence the large funds requested figure.

PROBLEM: The problem we are addressing in the *Capacity Building* project is fourfold: 1) we need to develop our foundational knowledge of the "real" picture of broadband adoption and usage in the state and its impact on economic development and opportunity, 2) we need to develop our strategic planning capacity as well as develop a plan, 3) we must expand our program staff size and capability so that we can support an advisory board, effectively disseminate information to the public, create partnerships and collaborations within and between the public and private sector, and successfully execute our plan and 4) we need to develop a process to benchmark and measure our progress and success over the course of the project.

SOLUTION: Our proposed solution is to extend the funding for the Program Manager position, hire key personnel who will expand our broadband knowledge base and outreach in the state and fund a strategic planning initiative, community outreach initiative and research to focus specifically on quantifying and characterizing broadband adoption and usage in the state.

Personnel – Through our initial grant proceeds we allocated funds for a Program Manager for two years and a part-time administrator for five years. The description of the administrator has evolved into more of a communications person who will be responsible for the website and any Broadband Rhode Island content. With the funds from the supplementary grant we intend to fund the following:

- 1) **Program Manager for project years 3 to 5** – Responsible for managing the implementation and success of the entire program with specific accountability for managing federal and state reporting, relationship with the NTIA, relationship with the broadband providers, assembling and managing the advisory board, managing the budget.
- 2) **Communications/Strategic Planning Manager** – Expand part-time Communications role into a full-time position with responsibility for all written program content, managing the website and driving the strategic planning initiative for the life of the project.
- 3) **Community Program Development and Outreach** – Full time position for life of project with crucial role to develop and implement tactical plan around our education programs and outreach, forming collaborations and managing relationships with organizations including state, not-for-profit and private sector who will execute our broadband adoption programs,

working with end users as both technical and program liaison education programs and technical liaison.

- 4) **Project Manager** – We will need the capabilities of a project manager to coordinate and manage all of the various project contracts and deliverables we will be managing. In addition, this person will be responsible for coordinating the primary research we will be doing as well as managing the details of the rebate/discount program proposed in the Technical Assistance project.

Programs

- 1) Build a repository of primary data about broadband usage across the state. Analysis of this data is crucial to develop effective strategic broadband initiatives and e-solutions adoption plans. We will subcontract this capability to a firm with expertise in this type of data development. Through this process we will also quantify the economic value and opportunity broadband has at an individual level and aggregated to a state level, as well as develop a benchmark and process to measure our progress and success.

Although we have yet to specify our success indicators, clearly, increased broadband subscription rates, home/business computer purchase, library computer usage, general increase in broadband awareness and the states taking up of broadband adoption as a key element in the state's economic development plans are all factors.

- 2) Develop and execute a strategic planning initiative that includes all sectors of the state's economy to analyze the broadband data collected, develop an inventory of current broadband-focused resources in the state and determine the priorities and agenda for the state as it relates to broadband. This will help educate these organizations and drive consensus about priorities for the state. Rhode Island Economic Development Corporation has undertaken this type of effort many times, but most recently in helping to develop a "green economy" and "alternative energy" agenda for the state.
- 3) Undertake a series of community meetings intended to engage the cities/towns as well as the general public to disseminate technical information about broadband availability data collection and the results of research conducted, and to further improve understanding of and opportunities to enhance broadband adoption within the state.

OUTCOMES AND BENEFITS: The outcome of this project will be greatly enhanced awareness and capability within the state to understand, promote and quantify the value and impact of broadband as a critical factor in developing a more knowledgeable citizenry prepared to deal with the opportunities and challenges of the 21st century.

COST: As mentioned in the note above, we have allocated all of the personnel costs in the program to this project, hence the large number. We believe that there is great value and leverage in establishing

our own “homegrown” capability and capacity and have chosen to focus on hiring and developing our own personnel rather than outsourcing it. In addition, there are significant program activities in this category including primary research on broadband adoption rates as well as an important strategic planning initiative that will help set priorities for the state in this area and start to develop a focus for the advisory board.

SBDD PURPOSE: Developing the state’s capacity and capability to understand and address the value and use of the Internet in 21st century society.

Project 3: Application Usage and Development

As evidenced by our letters of support, we have initially focused on two areas to explore with regards to how applications can help increase broadband adoption rates: an online public safety notification system in collaboration with the Rhode Island public safety community and online microbusiness incubation in connection with a Rhode Island not-for-profit organization called Urban Ventures. Clearly, there are many different areas that can be addressed by application development and surely our outreach activities will identify many more, but these are the two we have been initially pursuing.

DESCRIPTION: This project seeks to explore and test the impact that critical, high value on-line applications can have in increasing broadband adoption among those who do not use the Internet today.

FUNDS AWARDED: New project which has not yet been funded.

FUNDS REQUESTED: \$450,000

PROBLEM: The problem we are addressing is that with all the value that has been built up in the Internet, there are still many people who do not use it in their homes and businesses. Can we develop applications which we deploy in highly supportive and collaborative manner that will encourage use of the Internet?

SOLUTION: Our proposed solution focuses on two (very different) approaches to the same problem. The first approach is a public safety notification system. In my work with the public safety community in RI the organizations involved are all experimenting with broadband in their work from laptops in police cars to waterborne surveillance systems. Each organization has a different purpose for their broadband coverage and they get it many different ways. However, there is one common thread among these organizations. Namely, how can we use broadband to expand our ability to communicate information to the general public in a safe, secure and effective way? I recently met with the Interoperable Communications Committee headed by the Director of the RI Emergency Management Agency J. David Smith. Their positive response is represented in a letter of support from the director.

Their focus in communications is still centered on the radio, which has been in use for many years. This issue was addressed in the recent Pew Center conference on Broadband and the States. It is very clear that there are many opportunities for the use of broadband in the public safety community but the effort is situational and fragmented. The development of a citizen-focused notification can help drive broadband adoption from two directions. A notification system will spur people to use the Internet as a vehicle to receive these notifications, but maybe just as important a project like this can serve to unify the public safety community around a common system which in turn can drive consensus and adoption in the community as well.

The second approach, which is quite different from the first, focuses on the underserved urban community in RI, particularly centered in the Providence area. Urban Ventures is an organization that provides much needed assistance to this community by helping them to start their own very small

businesses. Given the high unemployment rate, particularly in this segment of the population, many underprivileged people are looking to start their own business to earn a living. Urban Ventures, a not-for-profit mostly funded by the state has hit upon the idea that rather than incubate new businesses in a physical space they can reach many more people in a less costly way, by providing those types of services online. They call it e-Incubation or virtual incubator. When you combine that idea with the fact that many of the people they are trying to get to are not online, it creates a compelling argument to say that, if these services were available, it might drive broadband adoption among this population that doesn't use the Internet today.

Although details have not yet been worked out, in either case the program can be executed through traditional procurement methods or by granting money to the organization with the Broadband program tem providing direction and oversight. Also, in both cases we have highly motivated groups that are interested in undertaking these projects. In the case of the public safety community, the ICC represents many different state and local organizations – which is a great benefit in undertaking this kind of project. In the case of Urban Ventures, they have a very good relationship with the community they are supporting and a strong board that can provide much needed advocacy and support to this effort.

OUTCOMES AND BENEFITS: The outcome of this project will follow two paths: 1) it will help the state understand from two very different points-of-view – business development and public safety – the impact and value broadband can have on its citizens and 2) it will help potential Internet users understand the value and impact that broadband use can have in their own lives – possibly moving them to adopt and use the Internet in their daily lives.

COST: The costs allocated to this project are mostly contractual or sub-granted, whichever is more appropriate. These costs are on the conservative side but provide us with the ability to adjust or change directions depending on how successful the project is. We believe there could be a lot of interest from the private sector here and will use that as an opportunity to attract more money to this project.

SBDD PURPOSE: Using applications to spur Internet usage

Project 4: Technical Assistance

This project includes elements of various other projects, in particular Programs to Improve Computer Ownership and Internet Usage and some Capacity Building. However, in the final analysis, Technical Assistance is at the heart of all of our broadband programs. The focus here is to leverage Rhode Island's tightly knit and well defined communities to convene, support, coordinate and enhance programs that provide digital literacy training and access to broadband and related equipment.

DESCRIPTION: Wide-ranging multifaceted program that leverages existing structure within the state to greatly expand contact with our target population and also develop relationships and collaborations with newly identified groups/organizations to achieve the same goals.

FUNDS AWARDED: New project which has not yet been funded.

FUNDS REQUESTED: \$555,000

PROBLEM: This project addresses the problem of creating a voice and central focus for community outreach and support as it relates issues of digital literacy and broadband adoption.

SOLUTION: The proposed solution is multi-faceted program led by a full time Manager of Community Program Development and Outreach. This person will have the responsibility to develop and implement a tactical plan around our education programs and outreach, managing relationships with organizations including state, not-for-profit and private sector that will collaborate on or run our broadband adoption programs. In addition, this person will be responsible to work with end users as both technical and program liaison. The following are various elements of the project that are already under consideration:

- Inventory existing programs within the state, and provide assistance in coordinating activities and fostering statewide involvement. This effort will closely dovetail with our primary research efforts around broadband adoption as well as our strategic planning project.
- Leverage a \$1.5M grant that the NTIA made to the RI library system to put new computers in all of the public libraries in the state. The library is still the center of community activity & learning. Qualitative analysis shows that the computers in the libraries in RI are constantly being used and in large part by people who do not have access to computers and/or the Internet at home or business. This is the perfect venue to undertake a large scale program to bring very focused digital literacy training to the community.

The training will happen at three levels: 1) awareness training to staff in the library which focuses on the role of the library (or more generally the community anchor institution) in broadband, 2) train-the-trainer and 3) end user training. These new computers provide an excellent platform to initiate and publicize an effort around digital literacy training. Both the state's Chief Library Officer and Executive Director of the Ocean State Library System have expressed significant interest in this project as indicated in their letter of support. In addition, the major providers in the state have also expressed interest in supporting this effort.

- The State of Rhode Island recently became aware of a project that is being undertaken in the state by One Economy which is also being funded by the NTIA. The projects will wire 130 units in a public housing project and provide computers and broadband to those residents as well as training, applications, support, etc. We have an incredible opportunity to leverage this investment. In early discussions with One Economy, we talked about Broadband Rhode Island monitoring and documenting this project both in words and pictures/videos to use as an analysis tool for future projects, a “real life, real-time” documentary that we can produce online as well as a best practices study.
- Community outreach events as described in the section on Capacity Building to engage the cities/towns as well as the general public to disseminate technical information about broadband availability data collection and the results of research conducted, and to further improve understanding of and opportunities to enhance broadband adoption within the state.
- Finally, the state of Rhode Island has initiated conversations with Intel to explore the implementation of a multi member consortium to provide a PC discount to complement this state’s program to foster PC and broadband adoption among vulnerable populations. Intel is one of several participating vendors in a federal grant proposal, led by a nonprofit, which has applied for 2nd round BTOP funds with similar objectives (as of this date not awarded). This state led program would seek to develop similar corporate relationships, federal agency guidance and program structure to provide instant rebates for the state’s identified vulnerable populations. The consortium’s contribution to the state project would help to fulfill the matching funds requirement of the grant.

OUTCOMES AND BENEFITS: This is an extremely important project in that it directly engages the community and spurs partnership between the community and its members, across communities and across sectors. Success here, as measured by community participation and an increase in Internet usage is crucial to the goals of the National Broadband Plan.

COST: The costs allocated to this project are again conservative but represent a huge increase in dollars already available and allocated to these kinds of projects. Although not represented in the cost, this project will have a full time person driving it, which will create significant value and leverage for the state in having a resource (beyond the program dollars) available.

SBDD PURPOSE: Identifying and addressing the community(s) of people not using the Internet today and leveraging those communities to promote this critical national agenda issue.

V. Conclusion

The projects proposed in this document will greatly increase the experience, capacity, knowledge and capability of both the state and its residents as it relates to broadband adoption and use. Though large in scope, they are commensurate with the expansive vision put forth by the FCC and NTIA in the National Broadband Plan. The State of Rhode Island embraces the idea that Broadband infrastructure and use is a key factor in Economic Development both to stimulate the creation and sustainability of higher paying jobs in a 21st Century economy, and also to compete on a global basis in the world economy. But to make a big impact, you have to think big and these programs will have a game changing effect on the state and the country.

As described in our grant application, we see the four projects proposed in our plan as complementary and building upon each other so that the whole is greater than the sum of the pieces.

- I. First we have our broadband data collection and verification efforts which will provide the foundation for all our programs moving forward. Adding an additional 3 years to this effort will give us enough time to get an accurate and impartial picture of the infrastructure and services we have here in our state. In the very near future, we will start to make our initial data available to the public through our program website.
- II. Next we have our Capacity Building project which provides the people, data, knowledge and tools to develop, organize and execute an effective and sustainable program.
- III. Third, we have our extensive Technical Assistance project which will enable us to build the bridges to the community organizations that operate at a ground level and address the issue of Digital Literacy within the communities that need that training to facilitate broadband adoption. This program will also help us leverage the participation of the private sector to develop the private-public partnerships which are crucial to the success of the overall program.
- IV. Finally we have our Application Development project which focuses on two very important but different issues – public safety notification and the development of small businesses (the lifeblood of the Rhode Island economy) that complement and build on the foundation and outreach we have already established.

Prior to the introduction of the BDIA and the State Broadband Data and Development Program there was very little thought or organization put into this issue here in the state. And although the Broadband Rhode Island program is still at an early stage, our letters of support are evidence that we have struck a chord with organizations who are eager for us to “ratchet up” our efforts so that they can initiate and move ahead on broadband-related projects and issues they have been thinking about for a long time.

Today, our lives are dependent on the Internet and access to broadband. Using a sports analogy, we are still in the rookie season with regards to the changes that broadband access and the Internet are and will bring to our lives including job creation, education, healthcare, government and public safety. The State Broadband Data and Development Program in conjunction with the National Broadband Plan

addresses the importance of broadband across these many different dimensions -- and our involvement in and expansion of the program will allow us to both explore and move these issues forward on a local basis and participate in the national dialogue. We look forward to the challenge and opportunity.

VI. Evidence of Support

See attached PDF file

GRANTEE NAME: RI

Directions: For each sheet, please edit the cells that are empty, not the cells with the grey background.

PLEASE ENTER YOUR EXISTING, APPROVED BUDGET BELOW. It should match your current SF 424.

EXISTING BUDGET	Federal	Match	Total
Personnel Salaries	261,843	57,545	\$319,388
Fringe Benefits	81,082	21,454	\$102,536
Travel	12,500	0	\$12,500
Equipment	25,000	0	\$25,000
Supplies	60,000	0	\$60,000
Subcontracts	980,950	0	\$980,950
Construction	0	0	0
Other	121,285	306,666	\$427,951
Total Direct Costs	\$1,542,660	\$385,665	\$1,928,325
Total Indirect Costs	\$0	\$0	\$0
Total Costs	\$1,542,660	\$385,665	\$1,928,325
% Federal Share	80.00%		
% Applicant Share		20.00%	

PLEASE DO NOT ENTER TEXT BELOW. It will populate automatically after you complete the other sheets.

REQUESTED BUDGET	Federal	Match	Total
Personnel Salaries	\$1,081,162	0	\$1,081,162
Fringe Benefits	\$432,465	0	\$432,465
Travel	24,000	0	\$24,000
Equipment	5,000	0	\$5,000
Supplies	7,500	0	\$7,500
Subcontracts	1,867,000	0	\$1,867,000
Construction	0	0	0
Other	290,000	0	\$290,000
Total Direct Costs	\$3,707,127	\$0	\$3,707,127
Total Indirect Costs	0	\$1,485,193	\$1,485,193
Total Costs	\$3,707,127	\$1,485,193	\$5,192,320
% Federal Share			
% Applicant Share			

71.40%

28.60%

Fed Request as % of total project cost:						71.40%
NEW FEDERAL REQUEST ONLY	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
See Separate tabs for detail	190,000	289,750	296,994	304,419	\$1,081,162	
Mapping & Verification					\$0	
Capacity Building					\$0	
Applications					\$0	
Technical Assistance					\$0	
					\$0	
					\$0	
Total	190,000	289,750	296,994	304,419	\$1,081,162	1,081,162
Fringe Benefits						
	76,000	115,900	118,798	121,767	\$432,465	
					\$0	
					\$0	
					\$0	
					\$0	
					\$0	
Total	76,000	115,900	118,798	121,767	\$432,465	432,465
Travel						
In-State	4,000	4,000	4,000	4,000	\$16,000	
Out-of-State	2,000	2,000	2,000	2,000	\$8,000	
Total	6,000	6,000	6,000	6,000	\$24,000	24,000
Equipment						
	5,000	0	0	0	\$5,000	
					\$0	
					\$0	
Total	5,000	0	0	0	\$5,000	5,000
Supplies						
	0	2,500	2,500	2,500	\$7,500	
					\$0	
					\$0	
Total	0	2,500	2,500	2,500	\$7,500	7,500
Subcontracts						
	684,500	484,500	395,500	302,500	\$1,867,000	
					\$0	
					\$0	
Total	684,500	484,500	395,500	302,500	\$1,867,000	1,867,000
Construction						
Other						
	90,000	90,000	65,000	45,000	\$290,000	
					\$0	
					\$0	
Total	90,000	90,000	65,000	45,000	\$290,000	290,000
Total Direct Costs	1,051,500	988,650	884,791	782,186	\$3,707,127	3,707,127
Total Indirect Costs	-	-	-	-	\$0	
Total Costs	1,051,500	988,650	884,791	782,186	\$3,707,127	

NEW FEDERAL REQUEST ONLY	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
	0	0	0	0	\$0	
N/A - See Capacity Building	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
N/A - See Capacity Building	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
					\$0	
N/A					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Supplies						
					\$0	
N/A					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
Contractor for data collection, analysis, verification, website	164,500	214,500	215,500	217,500	\$812,000	
	0				\$0	
	0	0	0	0	\$0	
Total	164,500	214,500	215,500	217,500	\$812,000	812,000
Construction	0	0	0	0		
Other					\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Total Direct Costs	164,500	214,500	215,500	217,500	\$812,000	812,000
Total Indirect Costs					\$0	
Total Costs	164,500	214,500	215,500	217,500	\$812,000	

RI	Fed Request as % of total project cost:					71.40%
NEW FEDERAL REQUEST ONLY		Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total
Personnel Salaries - 2.5% Annual Increases						
Program Manager	0	95,000	97,375	99,809	\$292,184	
Communication/Strategic Planning Manager	70,000	71,750	73,544	75,382	\$290,676	
Community Program Development Manager	60,000	61,500	63,038	64,613	\$249,151	
Project Manager	60,000	61,500	63,038	64,613	\$249,151	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	190,000	289,750	296,994	304,419	\$1,081,162	1,081,162
Fringe Benefits @ 40%						
Program Manager	0	38,000	38,950	39,924	\$116,874	
Communication/Strategic Planning Manager	28,000	28,700	29,418	30,153	\$116,270	
Community Program Development Manager	24,000	24,600	25,215	25,845	\$99,660	
Project Manager	24,000	24,600	25,215	25,845	\$99,660	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	76,000	115,900	118,798	121,767	\$432,465	432,465
Travel						
In-State	4,000	4,000	4,000	4,000	\$16,000	
Out-of-State	2,000	2,000	2,000	2,000	\$8,000	
Total	6,000	6,000	6,000	6,000	\$24,000	24,000
Equipment						
3 Laptop and maintenance agreements	5,000				\$5,000	
					\$0	
					\$0	
Total	5,000	0	0	0	\$5,000	5,000
Supplies						
Miscellaneous	0	2,500	2,500	2,500	\$7,500	
					\$0	
					\$0	
Total	0	2,500	2,500	2,500	\$7,500	7,500
Subcontracts						
Research	100,000	25,000	25,000	25,000	\$175,000	
Strategic Planning (Roundtable, etc)	75,000	0	0	0	\$75,000	
Community Meetings (Qtly- yrs 2,3,4)	20,000	20,000	20,000	0	\$60,000	
Total	195,000	45,000	45,000	25,000	\$310,000	310,000
Construction	0	0	0	0	\$0	
Other						
Legal	10,000	10,000	5,000	5,000	\$30,000	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	10,000	10,000	5,000	5,000	\$30,000	30,000
Total Direct Costs	482,000	469,150	474,291	464,686	\$1,890,127	1,890,127
Total Indirect Costs					\$0	
Total Costs	482,000	469,150	474,291	464,686	\$1,890,127	

RI	Fed Request as % of total project cost:					71.40%
NEW FEDERAL REQUEST ONLY		Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total
Personnel Salaries						
		0	0	0	0	\$0
N/A		0	0	0	0	\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
Total		0	0	0	0	\$0
Fringe Benefits						
		0	0	0	0	\$0
N/A		0	0	0	0	\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
Total		0	0	0	0	\$0
Travel						
In-State		0	0	0	0	\$0
Out-of-State		0	0	0	0	\$0
Total		0	0	0	0	\$0
Equipment						
						\$0
N/A						\$0
						\$0
Total		0	0	0	0	\$0
Supplies						
						\$0
N/A						\$0
						\$0
Total		0	0	0	0	\$0
Subcontracts						
"E" Incubator		75,000	75,000	0	0	\$150,000
Public Safety Notification System		150,000	75,000	75,000	0	\$300,000
		0	0	0	0	\$0
Total		225,000	150,000	75,000	0	\$450,000
Construction						
Other						\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
		0	0	0	0	\$0
Total		0	0	0	0	\$0
Total Direct Costs		225,000	150,000	75,000	0	\$450,000
Total Indirect Costs						\$0
Total Costs		225,000	150,000	75,000	0	\$450,000

RI	Fed Request as % of total project cost:	71.40%
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NEW FEDERAL REQUEST ONLY						
	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
	0	0	0	0	\$0	
N/A	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits						
	0	0	0	0	\$0	
N/A	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
In-State	0	0	0	0	\$0	
Out-of-State	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
					\$0	
N/A					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Supplies						
					\$0	
N/A					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
Library - Digital Literacy	100,000	75,000	60,000	60,000	\$295,000	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	100,000	75,000	60,000	60,000	\$295,000	295,000
Construction						
	0	0	0	0	\$0	
Other						
Computer Acquisition Subsidy Program (with outside match)	80,000	80,000	60,000	40,000	\$260,000	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	80,000	80,000	60,000	40,000	\$260,000	260,000
Total Direct Costs	180,000	155,000	120,000	100,000	\$555,000	555,000
Total Indirect Costs					\$0	
Total Costs	180,000	155,000	120,000	100,000	\$555,000	

RI		Match as % of total project cost: 28.60%				
PROPOSED MATCH FOR NEW FEDERAL FUND REQUEST	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits (@ XX%)						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Supplies						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
<i>Construction</i>	0	0	0	0	\$0	
Other						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Total Direct Costs	0	0	0	0	\$0	0
Total Indirect Costs - See NOTE below	261,003	398,030	407,980	418,180	\$1,485,193	
Total Costs	261,003	398,030	407,980	418,180	\$1,485,193	
NOTE: THE RI Economic Development Corporation is in the process of establishing an Indirect rate. The Indirect Costs projected are based on a preliminary "Salaries Based" Indirect Cost rate of 137.37%						



June 29, 2010



Anne Neville
National Broadband Mapping Program Director
National Telecommunications & Information Administration
US Department of Commerce
1401 Constitution Ave NW, Suite 4897
Washington, DC 20230

Dear Ms. Neville,

The Office of Library and Information Services (OLIS) and the Ocean State Libraries (OSL) consortium are excited about the opportunity to participate in the work that Rhode Island Economic Development Corporation (RIEDC) and specifically Stuart Freiman as Broadband Program Manager is doing to support and collaborate on initiatives throughout the state. RIEDC's efforts to increase our citizens knowledge and ability to close the gap on the increasing "digital divide" and use the Internet to improve their lives and increase their chances for success in the 21st Century is not only important but is congruent with our missions. OLIS is the state agency that regulates and supports public libraries and interlibrary resource sharing and cooperation among libraries of all types in Rhode Island. OSL is a consortium comprising all of Rhode Island's public libraries that is dedicated to serving the Rhode Island community by sharing materials, services, and electronic resources.

Both OLIS and OSL have been enthusiastic participants in RIEDC's Broadband mapping activities. We have energetically represented the project among Rhode Island's Community Anchor Institutions, particularly libraries. Through its library constituents, OLIS has also reached out to Internet users both private and public to be part of the mapping experience as well.

Our libraries have experienced enormous growth of demand for Internet access and related services. Libraries also increasingly require increased bandwidth to continue their resource sharing activities; hence have a strong interest in the future of broadband infrastructure and policy.

Recently, the NTIA awarded OSL \$1.5M as part of the "Sustainable Broadband Adoption" program to purchase 700 new computers, upgrade routers and establish 10 mobile computer labs for the public libraries in the state. The grant will also provide for two bi-lingual trainers to teach classes on how to use the equipment. We are working closely with Stuart and RIEDC to develop a program that leverages this new capacity to provide education and training to citizens and business in such critical areas as digital literacy, workforce development, health information resources and the like and; hence, advance our broadband adoption rate in the state and consequently the economic position of our citizens. As the state economy transitions from the declining manufacturing of our past into the 21st century of technology, broadband is a key part of the infrastructure of change. Our libraries and related CAIs can effect a strong surge in broadband knowledge and adoption to close the gap on technology usage.

Both OLIS and OSL are pleased to lend our support to RIEDC's broadband development efforts. We look forward to being part of this significant effort to move Rhode Island forward into the future.

Sincerely, yours,

Howard Boksenbaum, Chief Library Officer
RI Office of Library and Information Services
State of RI, Department of Administration
One Capitol Hill
Providence, RI 02908

Joan Gillespie, Executive Director
Ocean State Libraries, Inc.
The Summit South, Suite 103
Warwick Executive Park
300 Centerville Road
Warwick, RI 02886-0226



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

MILITARY STAFF
EMERGENCY MANAGEMENT AGENCY
645 New London Avenue
Cranston, RI 02920-3097
(401) 946-9996



DONALD L. CARCIERI
Governor

MG ROBERT BRAY
Director

J. DAVID SMITH
Executive Director

June 29, 2010

Anne Neville
National Broadband Mapping Program Director
National Telecommunications & Information Administration
US Department of Commerce
1401 Constitution Ave NW, Suite 4897
Washington, DC 20230

Dear Ms. Neville,

I am writing to you on behalf of the Rhode Island Emergency Management Agency (RIEMA) in support of the work that Rhode Island Economic Development Corporation (RIEDC) and specifically Stuart Freiman as Broadband Program Manager is doing to support and collaborate on initiatives within our organization and throughout the state to increase our citizens knowledge and ability to close the gap on the increasing "digital divide" and use the Internet to improve their lives increase their chances for success in the 21st Century.

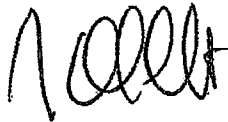
In my position as Executive Director I work with the First Responder community in our state to help improve the (services they provide, their ability to communicate with the public, ability to increase literacy rates, etc) and have undertaken the challenges of advancing their technical interoperability. As an organization, we firmly believe that increasing broadband adoption and usage is a major priority for the public safety community as it will greatly increase our ability to both educate and communicate with the public as it pertains to matters of safety, notifications, etc.

I head up a group of public safety officials from across many different organizations in the state called the Interoperable Communications Committee (ICC). At our last meeting we approved a motion to support the work that Stuart is doing and have spoken about designating a subcommittee to specifically address the broadband issues and opportunities we discussed at the meeting. The Application Development project, as described by the NTIA in the supplementary grant, is an important facet to us in moving ahead on these broadband initiatives and we will be working closely with the Broadband Rhode Island team to define and document the project deliverables and get started on implementing this important endeavor.

Broadband is a key infrastructure component to facilitate these public safety improvements and we are keenly aware of the impact that a strong surge in broadband knowledge and adoption can have in fulfilling our mission.

I wholeheartedly support this proposal and please let me know if I can be of further assistance to you in this process.

Sincerely,

A handwritten signature in black ink, appearing to read "J. David Smith". The signature is stylized with a large initial "J" and a series of loops for the surname.

J. David Smith

Executive Director



State of Rhode Island
Department of Administration
DIVISION OF INFORMATION TECHNOLOGY
One Capitol Hill
Providence, RI 02908

John E. Landers
Chief Information Officer
(401) 222-4444 (Phone)
(401) 222-4260 (Fax)
John.Landers@DoIT.ri.gov (Email)

June 30, 2010

Ms. Anne Neville
National Broadband Mapping Program Director
National Telecommunications & Information Administration
U.S. Department of Commerce
1401 Constitution Avenue, N.W., Suite 4897
Washington, DC 20230

Dear Ms. Neville:

I am writing to you on behalf of the Division of Information Technology in support of the work that the Rhode Island Economic Development Corporation (RIEDC), and specifically Stuart Freiman as Broadband Program Manager, is doing to support and collaborate on initiatives within their organization and throughout the State to increase our citizens' knowledge and ability to close the gap on the increasing "digital divide" and use the Internet to improve their lives to increase their chances for success in the twenty-first century.

In my position as Chief Information Officer and Co-Chair of the Broadband Review Committee, I have worked with many of the incumbent vendors, as well as the IT Directors for the 39 cities and towns within Rhode Island, and it has become very obvious that we need to help improve our ability to communicate with the public and increase literacy rates. As an organization, we firmly believe that increasing broadband adoption and usage is a major priority for the State, as it will greatly increase the State's ability to both educate and communicate with the public on a more informative level.

I have been working closely with Stuart since the inception of the Broadband Rhode Island project and firmly believe that these programs will help us to bridge the gap in the growing digital divide to the benefit of the State government and its citizens. In addition, Stuart has already initiated discussions with the incumbent broadband providers which is another important element of helping us to leverage their resources and participate in the effort to address digital literacy issues in our State.

Broadband is a key infrastructure component to facilitate these government improvements, and we are keenly aware of the impact that a strong surge in broadband knowledge and adoption can have in fulfilling our mission.

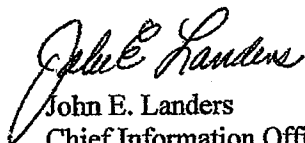
Ms. Anne Neville

Page 2

June 30, 2010

I wholeheartedly support this proposal, and please let me know if I can be of further assistance to you in this process.

Sincerely,

A handwritten signature in cursive script, reading "John E. Landers". The signature is written in dark ink and is positioned above the printed name and title.

John E. Landers

Chief Information Officer

URBAN VENTURES

"ASSISTING THE SMALL BUSINESSES IN RHODE ISLAND"

315 IRON HORSE WAY, PROVIDENCE, RI 02908
TEL: 401 780 8866 - FAX: 401 780 8844 - WWW.URBANVENTURESRI.ORG

Anne Neville
National Broadband Mapping Program Director
National Telecommunications & Information Administration
US Department of Commerce
1401 Constitution Ave NW, Suite 4897
Washington, DC 20230

June 29, 2010

Dear Ms. Neville,

I am writing to you on behalf of Urban Ventures in support of the work that Rhode Island Economic Development Corporation (RIEDC) and specifically Stuart Freiman as Broadband Program Manager is doing to support and collaborate on initiatives within our organization and throughout the state to increase our citizens knowledge and ability to close the gap on the increasing "digital divide" and use the Internet to improve their lives increase their chances for success in the 21st Century.

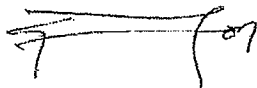
In my position as Executive Director, I work with the underserved urban community in our state to provide Micro-Entrepreneurs and Micro-Businesses (ME & MB) with business development assistance and have undertaken the challenges of advancing our virtual incubator, "E-Incubator". As an organization, we firmly believe that increasing broadband adoption and usage is a major priority for our organization.

We are working closely with Stuart and RIEDC to develop a program that provides on-line education and training to citizens and business about digital literacy, workforce development, micro-business development assistance and hence advance our broadband adoption rate in the state and consequently the economic position of our citizens.

We are seeing many changes in our state economy and in particular a transition from a statewide expertise in manufacturing, which has been in decline for many years, to an economy that leverages the opportunities of the 21st century. Broadband is a key infrastructure component to facilitate these key economic changes and we are keenly aware of the impact that a strong surge in broadband knowledge and adoption can have in closing the gap on technology usage.

We wholeheartedly support this proposal and please let me know if I can be of further assistance to you in this process.

Sincerely,



Jr Neville Songwe
Executive Director