

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
51-50-M09070

4. Report Date (MM/DD/YYYY)
10-19-2010

1. Recipient Name
Center for Innovative Technology

6. Designated Entity On Behalf Of:
The Commonwealth of Virginia

3. Street Address
Virginia, 2214 Rock Hill Road, Suite 600,

8. Final Report? 9. Report Frequency
 Yes Quarterly
 No Semi Annual
 Annual
 Final

5. City, State, Zip Code
Herndon, VA 20170

7. Project / Grant Period
Start Date: (MM/DD/YYYY)
03-01-2010

7a. End Date: (MM/DD/YYYY)
02-28-2015

8. Reporting Period End Date:
(MM/DD/YYYY)
09-30-2010

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
96	96	36	0	36	36

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

Kinex Telecom refuses to participate because they were not happy that Buggs Island Telephone received ARRA funding to overbuild in Kinex area.

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

Two complementary methods of validation will be utilized:

- Telephone (primary sampling unit is the Census Block Group, secondary unit is the household)
- In-Person, Face-to-Face (primary sampling unit is the Census Block, secondary unit is the household)

Three main groups will be sampled:

- Served areas
- Unserved areas
- Underserved areas (those on the served and unserved borders)

From the maps provided by Virginia, Apex will establish two types of census block groups from which to sample

- Uniform (defined as either all served, all unserved or all underserved areas)
- Non-uniform (defined as any combination of served, unserved and underserved areas)

Apex will randomly select samples that, when data from each method is combined, will arrive at an anticipated margin of error of 4 (with 95% confidence) statewide

For the telephone survey, Apex will randomly select a sample of uniform census block groups and will interview households within each chosen census block group.

For the in-person, face-to-face survey, Apex will randomly select a sample of census blocks from all non-uniform census block groups and will interview households within each chosen census block.

Random sample stratified: geographically (e.g. rural/non-rural), demographically

Sample size allocation procedures will be used to determine the appropriate number of census block groups for rural and non-rural areas.

Each validation method is structured to complement the other. That is, the in-person survey will mirror the telephone survey.

In person interviewers will also be able to collect wireless signal readings at the interview locations.

10g. Have you initiated verification activities? Yes No

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

See above.

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?

1.08

10k. Is the project currently fully staffed? Yes No

10l. If no, please explain how any lack of staffing may impact the project's time line and when the project will be fully staffed

N/A

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

N/A

10n. Staffing Table

Job Title	FTE %	Date of Hire
Program Assistant	100	05/10/2010
Student Wage position at Virginia Tech	8	09/01/2010

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
VITA-VGIN	GIS Mapping	Y	Y	05/17/2010	02/28/2012	\$1,021,255	\$135,000
Virginia Tech	Mapping/speed testing/data modeling and analysis	Y	Y	07/01/2010	02/28/2012	\$442,551	\$88,700
Broadaxe	Data collection (usage/connectivity)	Y	Y	06/15/2010	06/14/2011	\$96,000	\$0
SNG	Benchmarking and connectivity analysis	Y	Y	06/01/2010	12/31/2010	\$177,780	\$0
Bristol Virginia Utilities	Cash match	N	Y	06/01/2010	12/31/2010	\$0	\$69,000
Commonwealth of Virginia	Match	N	N	03/01/2010	02/29/2012	\$0	\$282,295

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$251,712 10q. How much Remains? \$7,848,267

10r. How much matching funds have been expended as of the end of last quarter? \$62,928 10s. How much Remains? \$1,962,067

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	\$812,614	\$0	\$812,614	\$38,864	\$0	\$38,864
Personnel Fringe Benefits	\$484,583	\$0	\$484,583	\$22,055	\$0	\$22,055
Travel	\$81,436	\$0	\$81,436	\$467	\$0	\$467
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$5,036	\$0	\$5,036	\$0	\$0	\$0
Subcontracts Total	\$5,389,519	\$2,024,995	\$7,414,514	\$108,393	\$62,928	\$171,321
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	\$6,773,188	\$2,024,995	\$8,798,183	\$169,779	\$62,928	\$232,707
Total Indirect Costs	\$1,326,791	\$0	\$1,326,791	\$81,933	\$0	\$81,933
Total Costs	\$8,099,979	\$2,024,995	\$10,124,974	\$251,712	\$62,928	\$314,640
% Of Total	80	20	100	80	20	100

Hardware / Software

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

10v. If yes, please list

ESRI PLTS extension, ESRI Data Interoperability extension

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

4 core test database server: working through purchase approvals

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
Several vendors provided only customer address database information, not census blocks less than two square miles and addresses or road segment address ranges where service could be provided for census blocks greater than two square miles. This method of data submission required an additional process of geospatial data capture that may have increased the opportunity for data omissions. Also many vendors did not provide middle mile and pricing information so the entire data package may not be completely populated.

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

E-commerce assessment-data collection is complete. Through partnerships with VA technology councils, VA Department of Business Assistance, VA chambers of commerce, VA Manufacturers Association, and Citizens Telephone, CIT was able to distribute the assessment throughout the state. SNG is currently preparing the report of the findings.

Health IT-currently in the data collection process. CIT was able to forge relationships with VA Secretary of Health and Human Resources, Virginia Department of Health, Virginia Office of Health IT, Department of Medical Assistance services, and the Department of Health Professions to promote awareness of the assessment.

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

N/A

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

Planning Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
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

Patricia Inman

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

703-689-3044

Contracts and Grants Manager

12d. Email Address

pinman@cit.org

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

10-29-2010

Performance Progress Report
OMB Approval Number: 0660-0034
Expiration Date: 08/31/2010