

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

34-50-M09066

4. Report Date (MM/DD/YYYY)

07-14-2011

1. Recipient Name

State of New Jersey

6. Designated Entity On Behalf Of:

NJ Office of Information Technology

3. Street Address

300 Riverview Plaza,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Trenton, NJ 08625-0212

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

02-01-2010

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

01-31-2015

7b. Reporting Period End Date:

06-30-2011

9a. If Other, please describe:

N/A

10. Broadband Mapping

10a. Provider Table

Number of Providers Identified	Number of Providers Contacted	Number of Agreements Reached for Data Sharing	Number of Partial Data Sets Received	Number of Complete Data Sets	Number of Data Sets Verified
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

Some providers such as Cavalier Telephone, Cogent and Broadview Networks indicated that they had no substantial changes to its broadband footprint since the company's last submission and directed the state to use the same round of data for the submission of this reporting quarter. Separately, based on initial screening and communications, about 20 providers identified on FCC Form 477 were considered not in-scope for this program. In some cases, they were determined to be resellers based on our own internal definition; in other cases, they had not yet begun to offer service in New Jersey.

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

In addition to standard data collection processes, this quarter we continued to work with Rutgers University on a consumer phone survey. Also, in seeking to obtain data from CAIs, the state actively reached out to various entities via phone and email to encourage them to self-report data on connectingnj.state.nj.us. While we are making progress, the data submission is less than ideal in terms of the number of institutions that are willing to provide data on their connectivity.

10f. Please describe the verification activities you plan to implement

Provider Name and FRN verification against FCC data

* Coverage area limited to NJ

* Address verification via geo-coding

* Validate data in all fields (i.e., census block ids, TIGERLine street segments, speed tier codes)

* Technology and speed consistency checks (versus known provider capabilities and/or Web site advertisements)

* Visual inspection of individual provider coverage maps for outlier detection

* Data consistency across tables

* NTIA validation rule set (i.e., speed codes versus technology, overview versus detail consistency)

* FCC data

* Verification from survey data

* Geospatial neighborhood analysis

* Enhanced longitudinal study from scraper data

10g. Have you initiated verification activities? Yes No

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

All data submitted by providers in 2010 was verified using the first 8 items listed in 10f. Initial efforts involving the 9th item -- use of FCC data to assess provider and technology -- have begun.

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

FCC data -- This effort began in 1Q2011 and completion is scheduled for 3Q2011.

Verification from survey data -- 2Q2011

Geospatial neighborhood analysis -- 2Q2011 - 3Q2011

Enhanced longitudinal study -- 3Q2011 - 4Q2011 (to be funded using amended application funds)

Staffing

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

2.8 positions were retained as a result of the Broadband Mapping program

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
Executive Director/Senior Principal Engineer	30	03/01/2010
Principal Engineer	100	03/01/2010
Senior Systems Engineer	100	03/01/2010
Principal Engineer	40	03/01/2010
Senior Systems Engineer	10	03/01/2010

Add Row

Remove Row

Sub Contracts

10o. Subcontracts Table

Name of Subcontractor	Purpose of Subcontract	RFP Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Federal Funds	In-Kind Funds
Telcordia Technologies	Perform data collection and planning activities	Y	Y	05/25/2010	05/25/2012	3,637,387	480,304

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,239,546 10q. How much Remains? \$3,686,560

10r. How much matching funds have been expended as of the end of last quarter? \$252,536 10s. How much Remains? \$1,065,037

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	\$840,000	\$358,286	\$1,198,286	\$0	\$197,589	\$197,589
Personnel Fringe Benefits	\$292,656	\$128,983	\$412,639	\$0	\$54,947	\$54,947
Travel	\$30,927	\$0	\$30,927	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$125,136	\$350,000	\$475,136	\$0	\$0	\$0
Subcontracts Total	\$3,637,387	\$468,000	\$4,117,691	\$1,239,546	\$0	\$1,239,546
Subcontract #1	\$3,637,387	\$468,000	\$4,117,691	\$1,239,546	\$0	\$1,239,546

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
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	\$4,926,106	\$1,317,573	\$6,243,679	\$1,239,546	\$252,536	\$1,492,082
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$4,923,106	\$1,317,573	\$6,243,679	\$1,239,546	\$252,536	\$1,492,082
% Of Total	79	21	100	83	17	100

Hardware / Software

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

10v. If yes, please list

Poweredge T110 server, \$1229.26, 3Q2010

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

USPS AISVIEW DVD \$176.57 3Q2010

ESRI Streetmap \$1047.69 4Q2010

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

- Address geocoding, particularly in census blocks greater than 2 square miles, has been challenging due to the quality of provider data and timeliness of available street map information. To mitigate this we purchased the latest ESRI street database and have provided direct feedback to providers on problematic addresses. For cable providers, we also made use of NJ BPU data and identified census blocks and street segments based on the municipalities where the operators have franchise licenses.
- Community Anchor Institution (CAI) identification and outreach is time-consuming and response rates can be low due to a lack of centralized organizations that already have data and difficulties in compelling CAIs to respond to queries given their financial pressures. We enhanced our web-based data submission capability for the spring 2011 submission (<http://connectingnj.state.nj.us/>) and are continuing to make enhancements to provide more structure to the submitted data, make it easier for users to enter and update data, and ensure that we can more easily align data with reference data sources.

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

We completed the top-line analysis of the phone survey data. This was a survey (English and Spanish) of 3,101 New Jersey residents with an over-sample of non-adopters. The survey included a cell frame collection and an incentive to participate in FCC speed test. The survey supports both the mapping work (verification task) and the four planning activities. The top-line analysis addressed demographics and barriers to adoption. Rutgers University in collaboration with Telcordia has worked to collect and assess broadband market data in preparation for econometric modeling of the impact of broadband. The planning work is on schedule according to our 4 year project plan. Work expected in coming quarters includes: rigorous analysis of barriers to adoption; use of the analytic results to suggest methods for bridging the digital divide; and econometric analysis of the impact of broadband on the state economy.

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

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

11i. Planning Worksheet

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

The match is at the 17% due to the fact that certain payroll reconciliations is a cycle that does not always align with the federal reporting cycle and in-kind equipment from Telcordia has not yet been accounted for. However, that will be reflected in the upcoming PPR reports.

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 Shelley Bates	12c. Telephone (area code, number, and extension) X
	12d. Email Address shelley.bates@oit.state.nj.us
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 12-08-2011