

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

34-50-M09066

4. Report Date (MM/DD/YYYY)

10-28-2011

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:

09-30-2011

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

Hotwire Communications continues to be consistent in their refusal to submit data. Since the organization is quite adamant in their refusal, the state and its vendor will not make any further attempts to obtain data from them.

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

The state and its vendor have used data collected via a telephone survey in December 2010 as a means of verifying provider data. While this provided only a limited amount of data, it did allow us to uncover potential holes in reported provider coverage that do not depict their actual coverage. We are refining our analysis tools and will be reviewing these holes with the relevant providers in the near future. Additionally, we are in the process of deploying tools to gather data from provider Web sites to use in a form of self-verification. We are also assessing commercially available data to determine its value as a validation tool.

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 for 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 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 was completed as scheduled this quarter
 Verification from survey data
 Geospatial neighborhood analysis

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 SBI project.

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	03/03/2010
Principal Engineer	100	03/03/2010
Senior Systems Engineer	100	03/03/2010
Principal Engineer	40	03/03/2010
Senior Systems Engineer	10	03/03/2010

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
ACS, formerly "Telcordia Technologies"	Perform data collection and planning activities	N	Y	05/25/2010	01/31/2015	3,473,670	420,000
TBD	TBD	N	N		01/31/2015	163,717	60,304

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,327,488 10q. How much Remains? \$3,598,618

10r. How much matching funds have been expended as of the end of last quarter? \$480,123 10s. How much Remains? \$837,450

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	\$197,588	\$197,588
Personnel Fringe Benefits	\$292,656	\$128,983	\$421,639	\$0	\$54,947	\$54,947
Travel	\$30,927	\$0	\$30,927	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Materials / Supplies	\$125,136	\$350,000	\$475,136	\$0	\$35,000	\$35,000
Subcontracts Total	\$3,637,388	\$480,304	\$4,117,692	\$1,327,488	\$192,588	\$1,520,076
Subcontract #1	\$3,473,670	\$420,000	\$3,893,670	\$1,327,488	\$192,588	\$1,520,076
Subcontract #2	\$163,717	\$60,304	\$224,021	\$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	\$1,327,488	\$480,123	\$1,807,611
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$4,926,106	\$1,317,573	\$6,243,679	\$1,327,488	\$480,123	\$1,807,611
% Of Total	79	21	100	73	27	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 7Q2010

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

Community Anchor Institutions (CAI) identification and outreach continues to be challenging and time-consuming. The response rates are relatively low due to the lack of centralized organizations that may have been able to collect the data for other purposes. The data submission site was enhanced to improve the structure for data submission and further enhancements will occur in the next quarter.

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

The survey done in cooperation with Rutgers University was completed and the planning work is on schedule. Work expected in the upcoming quarters include 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
Total Costs	\$0	\$0	\$0	\$0	\$0	\$0

11i. Planning Worksheet

% Of Total	0	0	0	0	0	0
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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
In 10o. Subcontracts Table, changed the Name of Subcontractor to "ACS formerly 'Telcordia Technologies'" to reflect their official change in name. We also updated the End Date to correspond with the end of the project 1/31/15. We also updated the Federal Funds for ACS to the correct amount of 3,473,670. The In-Kind funds were also updated to reflect the true contributions expected by ACS. We also added a new row for "TBD" as we are revisiting what we had previously incorporated into the plan for NJ Edge. Since we do not have a contract with them we have marked RFP & Contract Executed as "N" and added an end date for the project of 1/31/15. TBD's respective Federal and In-Kind Funds were included which accurately reflect the current status.

10t Budget Worksheet, we fixed the numerous calculation errors involving Total Budget, Total Funds Expended, Total Direct Costs and Total Cost columns and rows per SBI Program Office request.

The Subcontracts total now reflects the total of all subcontracts rows 1-5 with #1 and #2 being applied from the 10o Subcontracts Table data.

We now include a material in-kind match of 35,000 per the next 10 quarter filings to equate to our total 350,000 data set. Also we have a 42,000 per quarter filing from the subcontract which equates to the overall 420,000 in kind value from ACS added going forward.

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)

06-15-2012