

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

39-50-M09039

4. Report Date (MM/DD/YYYY)

01-20-2011

1. Recipient Name

Ohio Office of Information Technology - DAS

6. Designated Entity On Behalf Of:

State of Ohio

3. Street Address

30 E. Broad Street, 39th Floor,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Columbus, OH 43215-6108

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

12-20-2009

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

12-19-2014

7b. Reporting Period End Date:

12-31-2010

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
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

Hocking Internet Technologies, Ltd.: Met with owner and asked why mapping data was not submitted after he had committed to do so. The owner said he was concerned that competition would use the information to create a competitive advantage. He said he might decide to share the mapping data after he had 80 percent of Hocking County covered which could take a year or more. They have declined to participate.

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

We have not collected any data through extraction programs.

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

ESRI is deploying and hosting Connected Nation's BroadbandStat (BBStat) web application. ESRI will house the customized BBStat application in their highly-available, monitored, and managed environment. The scope of services includes setting up a staging environment for data verification and compatibility as well as a production environment for client access.

Connected Nation also collects consumer feedback in the form of broadband inquiries. These inquiries represent any type of communication received from the public regarding broadband service. Once broadband inquiries are received across the state, this information is overlaid with the broadband availability information which was collected through the SBDD program. This allows for a real-world comparison of the broadband landscape to the information received from broadband inquiries. Broadband inquiries are able to provide three types of information: 1) residents who do not have broadband but want it; 2) residents who have broadband but want a different provider; and 3) residents who do not have broadband, but the broadband inventory maps indicate that they do. If residents within a region state that they are without broadband, but the broadband inventory maps show otherwise, this allows Connected Nation to approach the providers within that area in an effort to trim down their coverage to more accurately represent real-world availability on the ground.

Connected Nation has targeted 3 additional providers (New Knoxville Telephone, Telephone Service Company, and GMN Wireless) for field validation testing as well as planning ongoing testing for statewide or regional providers such as Comcast and AT&T. Overall plans during Q1 2011 would result in 20-30 overall tests conducted as randomly selected test points in Malaga, Caldwell, New Knoxville, Wapakoneta, Delaware, and Columbus.

10g. Have you initiated verification activities? Yes No

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

BroadbandStat is publicly available on the Connect Ohio website and received a total of 1,004 visits between October 1, 2010 and December 31, 2010.

During this quarter, the Connect Ohio project has received a total of 95 broadband inquiries. Additional information received through e-mail from consumers that can also be used for verification purposes totaled 17 for this quarter.

As one of the "legacy" states in the Connected Nation portfolio, broadband mapping began before the implementation of the State Broadband Data & Development grant program. As such, strong relationships with the broadband provider community allowed an atmosphere for fully transparent dialogue and 100% successful field testing. To date Connected Nation has performed over 99 distinctive tests (29 completed in Q4) against 29 of the 139 participating broadband providers in the state. This translates into a 20.86% completion rate. Test locations included: (i) mobile broadband and 3G Wireless tests in 11 communities; (ii) fixed wireless testing in 17 communities; (iii) backhaul testing in 2 communities; (iv) DSL testing in 9 communities; (v) WiMAX testing in 1 community; and (vi) cable modem testing in 8 communities.

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?

2.88

Our sub-contractor, Connected Nation, has numerous staff working on this project, some at only a small percentage of their time. This approach is beneficial to the project in various ways: some staff provide necessary project support, many staff work together utilizing a team approach, and others are subject matter experts in their respective areas and by leveraging their expertise the project benefits by their knowledge and skills without the necessity of supporting a more expensive full-time resource.

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

The positions not currently staffed are related to the new broadband capacity activities that are only just beginning and as such have no impact on the project's time line. The positions are expected to be filled during the first quarter of 2011.

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

3.88

10n. Staffing Table

Job Title	FTE %	Date of Hire
Associate Counsel	1	09/14/2009
Business Program Analyst	2	04/02/2007
CAI Data Analyst	3	03/24/2009
CAI Data Manager	1	08/09/2010
Community Technology Specialist	14	09/09/2009
Community Technology Specialist	16	01/18/2010
ETS Analyst	1	07/13/2009
ETS Analyst	3	11/01/2007
ETS Analyst	32	08/03/2009
ETS Manager	7	07/01/2007
ETS Sr. Analyst	1	02/18/2010
Executive Director, OH	18	08/04/2008
General Counsel	4	01/01/2007
GIS Analyst	64	05/14/2007
GIS Intern	4	04/01/2010

GIST Service Manager	3	05/15/2007
Outreach & Awareness Manager	4	03/24/2009
Outreach & Awareness Specialist	4	02/02/2009
Outreach & Awareness Specialist	1	01/03/2010
Outreach & Awareness Specialist	4	01/04/2010
Outreach & Awareness Specialist	1	01/04/2010
Project Coordinator	5	04/01/2005
Project Coordinator	4	03/09/2009
Project Management Director	1	12/20/2004
Project Manager	3	01/14/2008
Project Manager	2	12/16/2009
Project Manager	2	08/20/2007
Project Manager	2	03/16/2010
Provider Relations Manager	7	02/17/2005
Provider Relations Specialist	45	11/03/2009
Regional Outreach & Planning Specialist	13	03/16/2010
Regional Outreach & Planning Specialist	3	06/26/2008
Research & GIS Analyst	5	05/14/2007
Research Analyst	2	02/01/2010
Research Ananlyst	1	06/01/2009
Research Manager	3	05/14/2007
State Services Manager	2	07/01/2007

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
Connect Ohio	Mapping/Planning	N	Y	12/19/2007	06/30/2011	968,843	443,186
Belmont County	Site address data development	N	N	02/28/2011	08/31/2011	50,000	300,000

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$670,993 10q. How much Remains? \$6,354,769
10r. How much matching funds have been expended as of the end of last quarter? \$365,500 10s. How much Remains? \$1,391,209
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	\$59,196	\$0	\$59,196	\$0	\$0	\$0
Personnel Fringe Benefits	\$20,718	\$0	\$20,718	\$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	\$6,800,572	\$1,756,709	\$8,557,281	\$670,955	\$365,500	\$1,036,455
Subcontract #1	\$6,074,207	\$1,456,709	\$7,530,916	\$670,955	\$365,500	\$1,036,455
Subcontract #2	\$726,365	\$0	\$726,365	\$0	\$0	\$0
Subcontract #3	\$0	\$300,000	\$300,000	\$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	\$145,276	\$0	\$145,276	\$0	\$0	\$0
Total Direct Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$670,955	\$365,500	\$1,036,455
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$670,955	\$365,500	\$1,036,455
% Of Total	80	20	100	65	35	100

Hardware / Software

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

10v. If yes, please list

Hardware/software purchases for the project to date include the following:

Broadband Stat-\$60,000

ArchInfo/ArcGIS Software and Maintenance-\$4,531

Computers-\$5,795

Speed Test Software-\$741

Google Earth Pro - \$708

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

Remaining purchases may include SQL server for mapping geodatabase, SQL server software, multiple dedicated storage servers, security application, additional backup replication solution, computers, GPS units BroadbandStat maintenance, ESRI ArchInfo/ArcGIS maintenance, and speed test updates as well as computers and software maintenance.

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

A Data Validation intern will be hired beginning in Q1 of 2011.

In response to the additional State Broadband Data & Development funding extending the grant through December 2014, project plan alterations and expansion commenced.

11i. Planning Worksheet

Personal Salaries	\$0	\$0	\$0	\$0	\$0	\$0
Personnel Fringe Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$0	\$0	\$0	\$0	\$0	\$0
Subcontracts Total	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #1	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #2	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #3	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #4	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0
Total Direct Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0	\$0	\$0	\$0
% Of Total	0	0	0	0	0	0

Additional Planning Information

11j. Are there any additional project milestones or information that has not been included?

Connected Nation's Engineering and Technical Services team conducted validation and speed testing across various parts of the state over the past quarter. In addition, a Leading Practice objective has begun with Connect Ohio's posting of the Data Validation Intern position at Ohio University. So far, five students have applied, and interviews are under way to select a student intern to begin early in 2011.

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

All planning costs have been combined with the mapping costs and reported in the mapping section above.

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

Katrina Flory

Administrator

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

614-995-5466

12d. Email Address

katrina.flory@oit.ohio.gov

12b. Signature of Authorized Certifying Official

Submitted Electronically

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

03-03-2011