

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

39-50-M09039

4. Report Date (MM/DD/YYYY)

10/29/2010

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

5. City, State, Zip Code

Columbus, OH 43215-6108

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

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:

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
140	140	118	6	115	115

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

Current Group, LLC: provider indicated his legal and executive teams directed him to decline participation.

Great American Broadband, Inc.: provider indicates they did not wish to participate.

Linked Communications, LLC: numerous attempts to contact the provider were made;

Practical Support, Ltd.: provider declined to participate; recontacted, the provider responded that he has no plans to participate with us now or in the future.

Safe-t.net: provider responds "NDA is not valid" and that he will not provide tower and antenna locations.

Avolve, Inc.: numerous attempts made to follow-up with the provider;

Bellaire Television Cable Company, Inc.: mapping agent informed "...the new owner is not interested in working with 'government' programs."

CoastalWave Wireless: mapping agent visits the provider's office but no one was there; telephone and email attempts made.

Computers 4 U: provider agreed to execute NDA by April 15; April 14-16 multiple attempts made; again July 1-12, including an on-site visit.

Connect Link, Inc.: multiple contact attempts via email and voicemail.

DataBit Solutions: multiple contact attempts via email and voicemail.

First Communications, LLC: multiple contact attempts via email and voicemail.

GLW Broadband: multiple contact attempts via email and voicemail

OmniCity: provider sends email stating "...our engineers are too busy recovering from storm damage to submit the mapping data."

Advanced Computer Connections: provider responded to outreach noting that they "are not interested at this time."

Kentucky Data Link, Inc.: Company replied back to an email stating that they are "electing not to contribute at this time." The company has recently been bought by another provider, all efforts will be made to ensure that this information is collected as part of the new owner's data.

Wow Internet Cable and Phone: provider emails "I have spoken with [name withheld] and we wish not to provide this information."

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.

Before December 31, 2010 Connected Nation will target an additional 4 randomly selected companies in order to achieve a total field validation rate equal to or exceeding 20%.

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 1,837 visits between July 1, 2010 and September 30, 2010.

During this quarter, the Connect Ohio project has received a total of 172 broadband inquiries. Additional information received through e-mail from consumers that can also be used for verification purposes totaled 1 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 70 distinctive tests against 24 of the 140 participating broadband providers in the state. This translates to a 17.14% completion rate. Test locations included: (i) mobile broadband and 3G Wireless tests in Cincinnati, Gallipolis, Hillsboro, Columbus, Toledo, Mt. Orab, Amelia, New Richmond and Fairborn; (ii) fixed wireless testing in Bowling Green, Jasper, Portsmouth, Jackson, Gallipolis, Brookville, Curtice, Orient, Ashville, and Washington Court House; (iii) backhaul testing in Sylvania; (iv) DSL testing in Sylvania, Georgetown, New Richmond, and Grove City; and (v) cable modem testing in Amelia, West Union, Georgetown, Oakwood, and Perrysburg.

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?

3.66

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

Please note that we use functional job titles and these titles may be staffed by multiple individuals. Their hire dates vary so for the purposes of uploading a complete report, we have used a hire date of 1/1/2010 to signify various hire dates.

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

3.66

10n. Staffing Table

Job Title	FTE %	Date of Hire
Associate Counsel	4.00	01/01/2010
Business Programmer Analyst	3.00	01/01/2010
CAI Data Analyst	3.00	01/01/2010
CAI Data Manager	1.00	01/01/2010
Community Technology Specialist	39.00	01/01/2010
ETS Analyst	12.00	01/01/2010
ETS Manager	13.00	01/01/2010
Executive Director, OH	21.00	01/01/2010
General Counsel	3.00	01/01/2010
GIS Analyst	58.00	01/01/2010
GIS Intern	5.00	01/01/2010
GIS Services Manager	4.00	01/01/2010
Outreach & Awareness Manager	2.00	01/01/2010
Outreach & Awareness Specialist	14.00	01/01/2010
Project Coordinator	22.00	01/01/2010
Project Management Director	2.00	01/01/2010
Project Manager	15.00	01/01/2010
Provider Relations Manager	7.00	01/01/2010
Provider Relations Specialist	8.00	01/01/2010
Regional Outreach & Planning Specialist	38.00	01/01/2010
Research & GIS Analyst	6.00	01/01/2010
Research Analyst	24.00	01/01/2010
Research Manager	7.00	01/01/2010
State Services Manager	3.00	01/01/2010
State Services Specialist	1.00	01/01/2010
State Services Sr. Specialist	1.00	01/01/2010

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
Connect Ohio	Mapping/Planning	N	Y	12/19/2007	06/30/2011	968,843	443,186
TBD	Site address data development	N	N			726,365	300,000
						Add Row	Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$472,389 10q. How much Remains? \$6,553,373
 10r. How much matching funds have been expended as of the end of last quarter? \$316,584 10s. How much Remains? \$1,440,125

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	\$472,389	\$316,584	\$788,973
Subcontract #1	\$6,074,207	\$1,456,709	\$1,306,644	\$472,389	\$316,584	\$788,973
Subcontract #2	\$726,365	\$0	\$726,365	\$0	\$0	\$0
Subcontract #3	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #4	\$0	\$300,000	\$300,000	\$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	\$472,389	\$316,584	\$788,973
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$472,389	\$316,584	\$788,973
% Of Total	80	20	100	60	40	100

Hardware / Software

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

10v. If yes, please list

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

n/a

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

n/a

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 Connect Ohio (COH) program office oversees ongoing and future planning and current funding throughout the state to ensure that this program is sustainable. The office has received funding through the grant extension awarded by the NTIA. The county priorities have been identified and the project phase is being developed in almost all communities across the state including infrastructure, public awareness, adoption, and training initiatives.

Broadband providers have been communicated with and are engaged in related projects. Contact is maintained to ensure robust relationships and to guarantee data will continue to be provided in a timely manner for each round of data collection.

The State of Ohio received funds to improve address-level data and is making plans to collect this more granular information into Connect Ohio's maps.

On behalf of the state of Ohio (OH), Connect Ohio is working with subcontractors to collect and analyze demand-side data through statistical telephone surveys. The surveys collect data on broadband and computer use and barriers to use among residents by demographic and businesses by size and industry sector. Connect Ohio presented the residential survey results to the state in Q3, 2010. In addition, Connect Ohio designed the 2010 OH business survey, which was conducted by Thoroughbred Research in Q2-Q3, 2010. Analysis of this data commenced in Q3, 2010, with results to be released in Q4, 2010. Updates to the residential and business surveys are scheduled to occur in Q1, 2011 and Q3, 2011, respectively.

This data was analyzed along with supply-side broadband data gathered through the OH SBDD mapping grant. The primary tool for this ongoing analysis is BroadbandStat, an interactive, web-based GIS application that offers location based consumer feedback on the accuracy of the map, as well as an interactive tool for data analysis, planning, and decision-making.

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?

Refined the list of providers to include all newly identified and existing providers and completed the data collection from each participating provider.

Maintained and updated the Connect Ohio website with revisions of the state and county maps, along with an explanation of the program and the reasons for gathering information from the consumer community.

Continued to process speed tests and website broadband inquiries from the Connect Ohio speed test portal.

Maintained the communications and outreach strategy plan.

Communicated internally to ensure that each detailed data collection activity was recorded.

Maintained and updated the broadband data collection activity log and produced daily status reports for internal and external use.

Distributed and executed NDAs with the provider community, where needed.

Securely stored executed NDAs.

Conducted demonstrations of the BroadbandSTAT product to the stakeholder community.

Provided BroadbandSTAT on the Connect Ohio website and instructed residents and stakeholders on its use and value.

Requested updated broadband coverage coordinate data sets from provider community.

Received broadband coverage coordinate data sets from provider community.

Distributed broadband coverage data sets to GIS Mapping team for processing.

Delivered the September 30, 2010 iteration of the Ohio Broadband map to the Ohio Stakeholders and the NTIA.

Connect Ohio worked modify the submission for the Connect Ohio SBDD Amended and Supplemental Grant Program initially provided on July 1, 2010, at the request of NTIA.

The Ohio Office of Information Technology received approval on SBDD Amended and Supplemental Grant Program on September 27, 2010. The awarded amount was \$5,253,023.

Prepared transition and hiring plans for execution of SBDD extension grant elements to commence in December 2010.

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 current program office is established and will continue through funding from the extension grant opportunity provided by the NTIA. Regional teams will be created and maintained for planning purposes, statewide stakeholder committees and Technology Association events will continue to support the planning initiative across the state.

Connect Ohio will use some portion of existing local teams to facilitate Data Validation in local communities.

A position description for a Data Validation Intern has been developed and discussion is under way with Ohio University to begin recruiting in Q4 with a position filled in Q1, 2011.

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

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

12d. Email Address

12b. Signature of Authorized Certifying Official

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

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