

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

39-50-M09039

4. Report Date (MM/DD/YYYY)

04-06-2012

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 43215-3414

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:

03-31-2012

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

Advanced Computer Connections: The provider refused to participate during the April 2012 mapping cycle to NTIA. On January 20, 2012, a company representative provided verbal confirmation of their non-participation.

Bellaire Television Cable Co. Inc.: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of February 6, 2012, the provider remained non-responsive.

Firewire Internet: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of February 10, 2012, the provider remained non-responsive.

First Communications, LLC: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of February 3, 2012, the provider remained non-responsive.

GLW Broadband: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of February 8, 2012, the provider remained non-responsive.

Hocking Internet Technologies, Ltd.: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of February 8, 2012, the provider remained non-responsive.

For more details, please refer to the Q1 Supplemental Answers Document.

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

No data has been collected through extraction or extrapolation.

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

Our vendor, Connect Ohio, has deployed an interactive mapping web application. The application is housed in a highly available, monitored, and managed environment. The application includes a staging environment for data verification and compatibility as well as a production environment for client access.

Consumer feedback in the form of broadband inquiries is also collected. These inquiries represent any type of communications 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 State Broadband Initiative (SBI) 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.

As of this report, field validation has been completed on 50.00% of the provider universe. Three additional coverage estimation field audits will be completed on non-participating providers which, by nature of the methodology, is similar to conducting a data validation on participating providers. The year-end goal for 2012 will be a cumulative validation rate of 60.00% of the provider universe.

10g. Have you initiated verification activities? Yes No

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

The interactive broadband map is publicly available on the Connect Ohio website (<http://connectohio.org/interactive-map>) and received a total of 988 visits between January 1, 2012 and March 31, 2012.

During this quarter, the project received a total of 137 broadband inquiries. Additional information received through e-mail from consumers that can also be used for verification purposes totaled 6 for this quarter.

For this reporting period, 27 field verification tests were conducted. Thus far, project staff conducted multiple tests on the following providers: 1 Touch Technology; Access Ohio Valley; Amplex Internet; AT&T Inc.; Avolve; Bascom Mutual Telephone (d.b.a. BrightNet Bascom); Benton Ridge Telephone (d.b.a. W.A.T.C.H. TV); Blue Sky Wireless; Buckeye Cablevision Inc.; Buckland Telephone; Celerity Networks; CenturyLink; Champaign Telephone Company (d.b.a. CTC); Cincinnati Bell Telephone Company LLC; Cincinnati Communications; CityNet Fiber; Clearwire Corporation; Comcast; Computers4U; ConnectLink; Country Connections LLC; Coyote Wireless; Dark Horse Wireless; Databit Solutions; DuplexCom of Ohio LLC; Eagle Communications (d.b.a. Safe-T.net); Frontier Communications (d.b.a. Citizen's Communications); GMN Wireless; Horizon Telecom; Hometown Cable Company (d.b.a. g Wireless Inc.); Imagine Networks; Intellwave LLC; J-B Nets LLC; Jenco Wireless; Just Micro Digital Services Inc.; KeyOn Communications Inc.; Leap; Level 3 Communications; LightSpeed Technologies; MegaPath Inc.; MetaLINK; Mikulski Communications LLC; Mobilecomm (d.b.a. Heavenwire); New Era Broadband LLC; New Knoxville Telephone; NexGen Access; NorthWest Net Inc.; nTelos (d.b.a. Ohio Fibernet); OmniCity; One Communications Corporation; R.A.A. Services; Redbird Internet Services...

For more details, please refer to the Q1 Supplemental Answers Document.

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?

7.44

Our vendor has numerous staff working on the 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 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

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?

7.44

10n. Staffing Table

Job Title	FTE %	Date of Hire
Business Programmer Analyst	1	04/02/2007
Associate Counsel	1	09/14/2009
CAI Coordinator	2	12/13/2004

CAI Data Analyst	1	03/24/2009
CAI Data Manager	4	08/09/2010
Community Technology Specialist	26	03/16/2010
Data Validation Intern	91	01/04/2012
ETS Analyst	1	07/13/2009
ETS Analyst	46	11/01/2007
ETS Manager	18	07/01/2007
Executive Director, OH	44	09/21/2001
General Counsel	1	01/01/2007
GIS Analyst	4	11/16/2009
GIS Analyst	11	04/01/2010
GIS Analyst	59	05/14/2007
GIS Services Manager	4	05/15/2007
Outreach & Awareness Manager	4	03/24/2009
Outreach & Awareness Specialist	2	10/01/2007
Outreach & Awareness Specialist	2	01/04/2010
Outreach & Awareness Specialist	5	02/02/2009
Outreach & Awareness Specialist	14	11/22/2010
Program Director	12	08/04/2008
Project Coordinator	6	04/01/2005
Project Coordinator	11	03/09/2009
Project Coordinator	72	11/16/2010
Project Management Director	4	12/16/2009
Project Manager	1	12/01/2004
Project Manager	1	01/14/2008
Project Manager	4	01/14/2008
Project Manager	7	09/04/2007
Programmer	3	02/27/2012
Provider Relations Manager	13	02/17/2005
Research & GIS Analyst	4	05/14/2007
Research Analyst	4	06/01/2009
Research Analyst	15	02/01/2010
Research Analyst	19	10/17/2011

Research Manager	2	05/14/2007
State Services Specialist	24	03/24/2009
State Services Sr. Specialist	1	12/20/2009
Systems Architect	2	02/27/2012
Technical Outreach Coordinator	98	12/06/2010
Technical Outreach Manager	100	01/18/2010

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
Connect Ohio	Mapping/Planning	N	Y	12/19/2007	06/30/2013	3,853,501	1,456,709
Belmont County	Site Address data development	N	Y	11/28/2011	12/31/2012	50,000	10,000

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,970,171 10q. How much Remains? \$5,055,591

10r. How much matching funds have been expended as of the end of last quarter? \$1,270,585 10s. How much Remains? \$486,124

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	\$1,044	\$0	\$1,044
Personnel Fringe Benefits	\$20,718	\$0	\$20,718	\$337	\$0	\$337
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	\$1,960,214	\$1,270,585	\$3,230,799
Subcontract #1	\$6,074,207	\$1,456,709	\$7,530,916	\$1,960,214	\$1,270,585	\$3,230,799
Subcontract #2	\$50,000	\$10,000	\$60,000	\$0	\$0	\$0
Subcontract #3	\$676,365	\$290,000	\$966,365	\$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	\$8,576	\$0	\$8,576
Total Direct Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$1,970,171	\$1,270,585	\$3,240,756
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$1,970,171	\$1,270,585	\$3,240,756

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
% Of Total	80	20	100	61	39	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:

* Interactive Mapping Application - \$60,000

* Computers & Software - \$12,491

* GIS Software Maintenance - \$7,641

* Speed Test Software - \$2,036

* Google Earth Pro - \$1,293

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, interactive mapping updates and maintenance, ArcInfo/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

During Q1 2012, primary program vendor Connect Ohio continued gathering data on the location and broadband connectivity of Community Anchor Institutions (CAI), in accordance with the data requirements of the SBI Notice of Funds Availability (NOFA) Technical Appendix. Efforts have been focused on conducting outreach and raising awareness of this important project through a statewide campaign.

Additional key CAI contacts continue to be identified throughout the state. The program continues to utilize an online survey available on the Connect Ohio website, and raise awareness of the importance of CAI broadband connectivity. Connect Ohio has an ongoing mission to educate CAI throughout the state on the importance of participating in the project. Participation by these institutions will raise awareness about the importance of broadband connectivity and the need to report the requested data for inclusion on the National Broadband Map.

Data collection efforts have concluded for the April 2012 submission resulting in 130 unique providers represented, 85 with no update, and 32 with new data submitted in the April 2012 update effort.

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

No challenges or obstacles to report for Q1 2012.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

Connect Ohio maps were used to further identify unserved and underserved areas and to expand service to unserved households. <http://connectohio.org/mapping/state>.

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

Broadband Capacity Building:

Milestone: Conduct Quarter 1, 2012 Technology Association (TA) Meeting. This milestone was not met. In order to ensure the most up-to-date research and mapping data given to stakeholders in attendance, the Technology Association (TA) meetings will now be held the first month of each quarter (January, April, July, and October). The January 2012 meeting was therefore cancelled due to the close

proximity of the previous TA meeting held in December 2011.

Milestone: Maintain Stakeholder relationships through monthly eCommunity Strategies Newsletters and quarterly Connected Newsletters. This milestone was met. Monthly e-newsletters were distributed to stakeholders and quarterly Connected Newsletters were distributed via e-mail as well as print to highlight broadband success stories, updated research, and mapping data.

Milestone: Initiate statewide 2012 residential survey research. This milestone was partially met. The survey instrument has been created. However, the survey will not be in the field until Q2 2012 to allow sufficient time for the research team to edit questions based on input from the state-based staff, and for the state-based staff to review and approve these edits. The survey instrument was edited to incorporate more information on mobile device use and barriers to computer ownership and broadband adoption.

Technical Assistance:

Milestone: Provide infrastructure assessments for Year 3, Quarter 1. This milestone was met. Through year 3, Quarter 1 infrastructure assessments have been provided to Morgan, Carroll, Washington, Guernsey, Jackson, and Vinton Counties.

For more details, please refer to the Q1 Supplemental Answers Document.

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

Broadband Capacity Building:

The Technology Association Meetings have been previously scheduled in the last month of each quarter leading to data not being as timely to report to stakeholders. The meetings will now be held during the first month of each quarter to ensure the most up-to-date information is presented. The Q1 2012 meeting was cancelled due to the close proximity of the Q4 2011 Technology Association meeting, an in an effort to allow for better attendance from stakeholders at future meetings. In addition, Quarter 2 and 3 meetings will introduce targeted topics to allow for better stakeholder engagement and attendance.

The initiation of 2012 residential survey research has been delayed until Q2 2012 to allow sufficient time for the research team to edit questions based on input from the state-based staff, and for the state-based staff to review and approve these edits. The survey instrument was edited to incorporate more information on mobile device use and barriers to computer ownership and broadband adoption. This survey instrument will be in the field early Q2 2012.

Technical Assistance:

Nothing to report.

Leading Practices:

Nothing to report.

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

Broadband Capacity Building:

The initiation of 2012 residential survey research has been delayed until Q2 2012.

Technical Assistance:

Nothing to report.

Leading Practices:

Nothing to report.

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

11i. Planning Worksheet						
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?

Broadband Capacity Building:

New Era Broadband, with the assistance of Connect Ohio, worked with Washington County to determine an effective business plan for expanding its high-speed wireless Internet services throughout the county. New Era responded to the request for proposal (RFP) Washington County released in May 2011 and is currently working to secure funding for the project.

Leading Practices:

Consumer inquiries collected by Connect Ohio were reviewed in an effort to validate data. With each in-coming inquiry, an interactive mapping application was utilized to verify if services were available to the inquirer. If service was unavailable, the inquirer was notified about any expansion projects planned in their area. This quarter, out of 3,243 inquiries, 3,062 have been resolved, and 181 are pending.

Connect Appalachia Broadband Initiative:

Three Connect Appalachia Broadband Initiative (CABI) task force meetings were held this quarter. Highlights include presentations by Washington and Carroll Counties, Time Warner Cable, and Frontier Communications. The CABI task force currently has 26 members representing providers, non-profits, government agencies, and the financial industry. The task force will be examining broadband expansion projects in Appalachia for a total of 24 months and determining how to fund each project for implementation.

11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing

Nothing to report.

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

Broadband Capacity Building:

Nothing to report.

Technical Assistance:

Connect Ohio Aids Broadband Expansion Efforts in Washington County

Connect Ohio issued a press release detailing the work of New Era Broadband Services to gather consumer interest for broadband availability in Washington County. Connect Ohio technical outreach staff have been working with Washington County Commissioners and county stakeholders for months to address the need for high-speed Internet access to homes and businesses in the area. New Era is creating an expansion plan, in coordination with the county officials and with help from Connect Ohio.

(<http://connectohio.org/recent-news/release-washington-county-residents-asked-input-new-era-broadband-services-aid-area-wire>)

Leading Practices

Connect Ohio's Broadband Inquiry Process Leads to Family and Neighborhood in Appalachian Ohio Getting Connected

Connect Ohio published an online article and a video interview detailing how an Ohio family found home broadband access after utilizing the broadband inquiry process and interactive mapping tool through Connect Ohio's website. The mother works from home and satellite Internet was not meeting her work needs. The family, as well as 6 other homes in their subdivision, will be connected to high-speed Internet very soon.
(<http://connectohio.org/blog/post/broadband-inquiry-helps-neighborhood-appalachia-ohio-get-connected>)

For more details, please refer to the Q1 Supplemental Answers Document.

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)

04-27-2012