

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

39-50-M09039

4. Report Date (MM/DD/YYYY)

07-06-2012

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:

06-30-2012

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 stating that "the network is being reduced month by month and will most likely not have a coverage footprint in the near future." As of May 2, 2012, the provider remains non-responsive.

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 June 19, 2012, the provider remains 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 June 21, 2012, the provider remains 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 June 21, 2012, the provider remains 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 May 2, 2012, the provider status was changed to "Slated Field Audit for Estimated Coverage Analysis" in order to create an estimated coverage area of the provider's service territory should the field research indicate that this is a viable broadband provider.

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 June 26, 2012, the provider indicated a willingness to participate but had not yet submitted data.

Linked Communications, LLC: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of June 21, 2012, the provider remains non-responsive.

For more details, please refer to the Q2 Ohio 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

Primary program vendor, Connect Ohio, deployed a new interactive mapping web application, called My ConnectView, on April 2, 2012. The application is housed in a highly available, monitored, and managed environment. New feedback features allow consumers to send comments directly to program Geographic Information Systems (GIS) staff; a screenshot of the user's current interactive map view is also attached to the feedback to provide additional details.

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 Connect Ohio 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 58.27% of the provider universe and should ultimately surpass the year-end goal for 2012 (validation rate of 60.00% of the provider universe). This activity included 88 new and/or supplemental field tests (including the non-participating provider, Wireless Intranet).

For more details, please refer to the Q2 Ohio Supplemental Answers Document.

10g. Have you initiated verification activities?  Yes  No

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

The new, interactive broadband map, My ConnectView, was launched on April 2, 2012 and is publicly available on the Connect Ohio (<http://connectohio.org/interactive-map>) website. There were a total of 1,632 visits between April 2, 2012, and June 30, 2012.

During this quarter, the project received a total of 82 broadband inquiries. Additional information received through e-mail from consumers that can also be used for verification purposes totaled 16 for the quarter.

For this reporting period, 88 new and/or supplemental field verification tests were conducted. Thus far, project staff conducted multiple tests on the following providers: 1 Touch Technology; Access Ohio Valley; Amplex Internet; Armstrong Utilities; 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; City of Wadsworth; Clearwire Corporation; Comcast; Computers4U; ConnectLink; Country Connections LLC; Coyote Wireless; Dark Horse Wireless; Databit Solutions; Doylestown Communications; DuplexCom of Ohio LLC; Eagle Communications (d.b.a. Safe-T.net); FairPoint Communications (d.b.a. Germantown Independent Telephone, Columbus Grove Telephone, and Orwell Telephone); Fort Jennings Telephone Company; Frontier Communications (d.b.a. Citizen's Communications); GMN Wireless; Hometown Cable Company (also d.b.a. g Wireless); Horizon Telecom; Hometown Cable Company (d.b.a. g Wireless Inc.); Imagine Networks; Intellwave LLC; J-B Nets LLC; Jenco Wireless; KeyOn Communications Inc.; Leap; Level 3 Communications; LightSpeed Technologies; MegaPath Inc.; MetaLINK...

For more details, please refer to the Q2 Ohio Supplemental Answers Document.

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

Not applicable.

## Staffing

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

6.71

Primary project vendor Connected Nation has numerous staff and consultants working on the Ohio State Broadband Initiatives 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. By leveraging the expertise of the subject matter experts, the project benefits from 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

Not applicable.

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

This project is fully staffed with a base FTE of 6.71.

10n. Staffing Table

Job Title	FTE %	Date of Hire
Connected Nation - Broadband Planning Manager	1	01/14/2008
Connected Nation - Broadband Planning Manager	3	09/04/2007
Connected Nation - Business Programmer Analyst	2	04/02/2007
Connected Nation - CAI Manager	3	12/13/2004
Connected Nation - Chief Policy Counsel	1	08/09/2010
Connected Nation - Community Technology Specialist	19	03/16/2010
Connected Nation - Compliance Coordinator	1	08/01/2008
Connected Nation - Data Validation Intern	92	04/02/2012
Connected Nation - Director Program Support	11	12/01/2004
Connected Nation - ETS Analyst	3	07/13/2009
Connected Nation - ETS Analyst	10	08/03/2009
Connected Nation - ETS Analyst	55	11/01/2007
Connected Nation - ETS Manager	11	07/01/2007
Connected Nation - Executive Director, OH	75	09/21/2011
Connected Nation - GIS Analyst	1	11/16/2009
Connected Nation - GIS Analyst	8	04/01/2010
Connected Nation - GIS Analyst	46	05/14/2007
Connected Nation - GIS Services Manager	2	05/15/2007
Connected Nation - Outreach & Awareness Manager	5	03/24/2009
Connected Nation - Outreach & Awareness Specialist	3	10/01/2007
Connected Nation - Outreach & Awareness Specialist	7	02/02/2009
Connected Nation - Outreach & Awareness Specialist	20	11/22/2010
Connected Nation - Policy & Research Outreach Specialist	4	03/24/2009
Connected Nation - President & COO	1	01/14/2008
Connected Nation - Project Coordinator	8	04/01/2005
Connected Nation - Project Coordinator	33	11/16/2010
Connected Nation - Project Management Director	3	12/16/2009
Connected Nation - Project Manager	2	08/20/2007
Connected Nation - Project Manager	3	06/01/2011
Connected Nation - Provider Relations Manager	11	02/17/2005

Connected Nation - Research Analyst	14	06/01/2009
Connected Nation - Research Analyst	14	10/17/2011
Connected Nation - Research Analyst	18	02/01/2010
Connected Nation - Research Manager	3	05/14/2007
Connected Nation - State & Local Program Director	11	08/04/2008
Connected Nation - State Services Specialist	11	03/24/2009
Connected Nation - Technical Outreach Coordinator	91	12/06/2010
Connected Nation - Technical Outreach Manager	51	01/18/2010
Consultant - Associate Counsel	2	09/14/2009
Consultant - ETS Analyst	2	02/08/2010
Consultant - ETS Analyst	10	08/24/2009

Add Row

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**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
Hocking County	Site Address data development	N	Y	06/11/2012	06/28/2013	45,000	10,000
Vinton County	Site Address data development	N	Y	12/08/2011	03/07/2012	5,500	0

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**Funding**

10p. How much Federal funding has been expended as of the end of the last quarter? \$2,293,682      10q. How much Remains? \$4,732,079

10r. How much matching funds have been expended as of the end of last quarter? \$1,282,494      10s. How much Remains? \$474,215

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
<b>Subcontracts Total</b>	<b>\$6,800,572</b>	<b>\$1,756,709</b>	<b>\$8,557,281</b>	<b>\$2,283,696</b>	<b>\$1,282,494</b>	<b>\$3,566,190</b>
Subcontract #1	\$6,074,207	\$1,456,709	\$7,530,916	\$2,278,196	\$1,282,494	\$3,560,690
Subcontract #2	\$45,000	\$10,000	\$55,000	\$0	\$0	\$0
Subcontract #3	\$5,500	\$0	\$5,500	\$5,500	\$0	\$5,500
Subcontract #4	\$675,865	\$290,000	\$965,865	\$0	\$0	\$0

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$145,276	\$0	\$145,276	\$8,605	\$0	\$8,605
Total Direct Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$2,293,682	\$1,282,494	\$3,576,176
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$2,293,682	\$1,282,494	\$3,576,176
% Of Total	80	20	100	64	36	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 Software - \$60,000

GIS Software Maintenance - \$7,250

Computers & Software - \$17,239

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, 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

Not applicable.

10z. Are there any additional project milestones or information that has not been included?  Yes  No

10aa. If yes, please list

Through year 3, quarter 2, 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. To date, 21,021 CAIs have been identified throughout Ohio.

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 (<http://connectohio.org/cai-data>) and raise awareness of the importance of CAI broadband connectivity. Connect Ohio has an ongoing mission to educate CAIs 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.

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

Nothing to report.

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

Connect Ohio maps (<http://connectohio.org/mapping/state>) were used to further identify unserved and underserved areas and to expand service to unserved households. The newest broadband access figures reveal 97.57% of Ohio residents now have access to fixed broadband of 3 megabytes per second (Mbps) download or higher, compared to 97.06% last year. In less than a year, 23,300 homes received access or upgraded service in Ohio and 20,419 of these homes are in Appalachia. In Ohio, 98.4% of households have

access to broadband of at least 768 kilobytes per second (Kbps) download/200 Kbps upload, leaving 73,850 households unable to connect to basic high-speed Internet (excludes mobile and satellite services). - <http://connectohio.org/recent-news/release-new-broadband-access-figures-released-2-appalachian-counties-receive-100000-towa>

## 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 2, 2012 Technology Association Meeting.

This milestone was met. In year 3, quarter 2, 40 stakeholders were in attendance at Connect Ohio's Technology Association meeting held on April 13, 2012, with an additional 38 webcast attendees throughout the 2-hour meeting. Highlights included the release of Connect Ohio's Appalachian research paper, Bridging the Divide: Broadband and Businesses in Appalachian Ohio, new statewide and county-specific broadband inventory mapping data, Broadband Hero awardees Cora Marshall, Washington County Commissioner and Eric Skomra, Washington County Information and Technology Director.

Milestone: Maintain Stakeholder relationships through monthly e-Community Strategies Newsletters and quarterly Connected Newsletters in Year 3, Quarter 2.

This milestone was met. Monthly e-newsletters were distributed to stakeholders throughout quarter 2. The Q2 2012 Connect Ohio e-newsletters are provided as PDF attachments to this report. In addition, Connect Ohio published and distributed the quarterly Connected Newsletter which is also included as an attachment to this report.

Milestone: Analyze 2012 statewide residential survey research results.

This milestone was not met. The program's research team has revised the 2012 residential survey to incorporate input from state-based staff and the state-based staff has reviewed and approved these edits. Program vendor, Connect Ohio is finalizing contracts with Thoroughbred Research (to administer the survey) and Lucidity Research (for weighting and research design consultation). The 2012 residential survey is now scheduled to be in the field in quarter 3.

For more details, please refer to the Q2 Ohio 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 initiation of the 2012 statewide residential survey is now scheduled to begin in quarter 3. It is not anticipated that this will cause any significant delays in other project deliverables.

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 quarter 3.

## 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

11i. Planning Worksheet						
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?

Nothing to report.

11k. 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 Q2 2012.

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

Connect Ohio Aids Broadband Access to 1,000 Homes in Jackson County

Connect Ohio issued a press release and online article detailing the work of 1 Touch Technology Solutions to complete a point-to-multipoint fixed wireless system that gave Internet access to 500 previously unserved homes. The company has plans to double service coverage over the next two years, expanding access to more than 1,000 homes. Connect Ohio technical assistance staff worked with Jackson County Economic Development, county stakeholders, and 1 Touch for months by providing research, including them in the RFP, and facilitating relationships.

(<http://connectohio.org/blog/post/1-touch-technology-solutions-expand-internet-access-1000-homes-jackson-county>)

Leading Practices

2012 Appalachian Broadband Review, collaboration between Connect Ohio and Ohio University

Connect Ohio partnered with Ohio University to bring the 2012 Appalachian Broadband Review to university students, staff, media, and area technology stakeholders. The event was held at Ohio University on April 27, 2012 and included an overview of the state of broadband access, adoption, and use from program technical outreach coordinator as well as industry insights from representatives from AT&T Wireless, Frontier Communications, Horizon Telecom, Intelliwave, OARNet, and more.

(<http://connectohio.org/blog/post/rural-business-owners-broadband-story>)

A Rural Business Owner's Broadband Story

Connect Ohio has been gathering video broadband stories from residents in Appalachian Ohio to demonstrate the need for high-speed Internet there. Jerry Smith, owner of Anvils and Ink Studios, received access to broadband just a few short years ago. Since receiving access and being able to complete international business efficiently and communicate with his business partner via high-speed Internet, his annual business revenue jumped from \$80,000 to \$3.7 million.

For more details, please refer to the Q2 Ohio Supplemental Answers.

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)

07-30-2012