

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

39-50-M09039

4. Report Date (MM/DD/YYYY)

01-03-2012

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:

12-31-2011

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

Advanced Computer Connections: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 27 the provider remains non-responsive.

Bellaire Television Cable Co. Inc.: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 27 the provider remains non-responsive.

Firewire Internet: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 12 the provider remains non-responsive.

First Communications, LLC: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 12 the provider remains non-responsive.

GLW Broadband: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 12 the provider remains non-responsive.

Just Micro Digital Services, Inc.: The provider refused to participate during the October 2011 mapping cycle to NTIA. As of the most recent contact attempt of December 12, the provider remains a non-participant.

Linked Communications, LLC: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 12 the provider remains non-responsive.

New Albany Net: The provider was non-responsive during the October 2011 mapping cycle to NTIA. Thereafter, multiple contact attempts have been made, and as of December 12 the provider remains non-responsive.

For more details, please refer to the Q4 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 via extraction or extrapolation.

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

Esri is deploying and hosting the BroadbandStat (BBStat) web application. Esri houses 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.

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 our mapping vendor 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.

For more details, please refer to the Q4 Supplemental Answers Document

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 (<http://www.connectohio.org>) and received a total of 1,020 visits between October 1, 2011 and December 31, 2011.

During this quarter, the Connect Ohio project received a total of 186 broadband inquiries. Additional information received through e-mail from consumers that can also be used for verification purposes totaled 4 for this quarter.

For this reporting period, 64 field verification tests were conducted. Thus far, project staff conducted multiple tests on the following providers: Access Ohio Valley; Altius Broadband; 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; Cavalier 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; Eagle Communications (d.b.a. Safe-T.net); Frontier Communications (d.b.a. Citizen's Communications); g Wireless Inc.; GMN Wireless; Horizon Telecom; Innovative Fiber Optic Solutions; Insight Communications; Intellwave; J-B Nets LLC; Jenco Wireless; Just Micro Digital Services Inc.; KeyOn Wireless; Leap; Level 3 Communications; LightSpeed Technologies; MetaLINK; Mikulski Communications LLC; New Era Broadband LLC; New Knoxville Telephone; NexGen Access; NorthWest Net; nTelos (d.b.a. Ohio Fibernet); OmniCity; One Communications Corporation; R. A.A. Services; Redbird Wireless; Sciotowireless; SkyMax Broadband...

For more details, please refer to the Q4 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?

6.67

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 (SMEs) in their respective areas. The project benefits by leveraging the SMEs' 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

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?

6.67

10n. Staffing Table

Job Title	FTE %	Date of Hire
Admin Project Coordinator	74	11/16/2010

Associate Counsel	1	09/14/2009
Business Programmer Analyst	1	04/02/2007
CAI Coordinator	3	12/13/2004
CAI Data Analyst	6	03/24/2009
CAI Data Manager	2	08/09/2010
Community Technology Specialist	19	03/16/2010
Data Validation Intern	69	09/15/2011
ETS Analyst	14	02/08/2010
ETS Analyst	22	11/01/2007
ETS Manager	5	07/01/2007
ETS Sr. Analyst	3	02/18/2010
Executive Director, OH	24	09/21/2011
General Counsel	1	01/01/2007
GIS Analyst	1	11/16/2009
GIS Analyst	38	04/01/2010
GIS Analyst	57	05/14/2007
GIS Services Manager	1	05/15/2007
Outreach & Awareness Manager	6	03/24/2009
Outreach & Awareness Specialist	4	10/01/2007
Outreach & Awareness Specialist	7	02/02/2009
Outreach & Awareness Specialist	8	11/22/2010
Outreach & Awareness Specialist	9	01/04/2010
Program Director	7	08/04/2008
Project Coordinator	1	08/01/2008
Project Coordinator	3	03/09/2009
Project Coordinator	8	04/01/2005
Project Management Director	4	12/16/2009
Project Manager	1	09/01/2006
Project Manager	1	01/14/2008
Project Manager	3	01/14/2008
Project Manager	3	06/01/2011
Project Manager	10	09/04/2007
Provider Relations Manager	6	02/17/2005

Research & GIS Analyst	2	05/14/2007
Research Analyst	1	09/19/2011
Research Analyst	5	02/01/2010
Research Analyst	5	06/01/2009
Research Analyst	17	10/17/2011
Research Manager	5	05/14/2007
State Services Manager	1	07/01/2007
State Services Specialist	17	03/24/2009
Technical Outreach Coordinator	95	12/06/2010
Technical Outreach Manager	97	01/18/2010

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

Add Row

Remove Row

**Funding**

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,658,416      10q. How much Remains? \$5,367,345

10r. How much matching funds have been expended as of the end of last quarter? \$1,269,833      10s. How much Remains? \$486,875

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	\$1,656,963	\$1,269,833	\$2,926,796
Subcontract #1	\$6,074,207	\$1,456,709	\$7,530,916	\$1,656,963	\$1,269,833	\$2,926,796
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

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Other	\$145,276	\$0	\$145,276	\$72	\$0	\$72
Total Direct Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$1,658,416	\$1,269,833	\$2,928,249
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$1,658,416	\$1,269,833	\$2,928,249
% Of Total	80	20	100	57	43	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:

- BroadbandStat - \$60,000
- Computers & Software - \$12,002
- GIS Software Maintenance - \$4,930
- Speed Test Software - \$2,036
- Google Earth Pro - \$974

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 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

Mapping program vendor, Connect Ohio, received a Community Anchor Institution dataset from eTech Ohio. Information from said dataset will be incorporated into the April 2012 data submission. This data set has not been valued.

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

10aa. If yes, please list

During Q4 2011, 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.

Research was conducted during Q4 2011, specifically within the education sector in an effort to identify existing, centralized sources for CAI connectivity data. Connect Ohio has established a relationship with eTech Ohio, a statewide agency that supports telecommunications infrastructure that links classrooms and public broadcasting affiliates to each other and the Internet. eTech Ohio provided connectivity data for over 3,000 K-12 schools that utilize their network. This data will be submitted as part of the April 2012 submission.

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 began for the April 2012 submission. Updates currently show 100% outreach to 130 providers - 13 with no update, 3 in data processing and 114 in some stage of outreach in progress. Collection efforts also include gathering information on state community anchor institutions. 20,032 have been identified throughout Ohio.

For more details, please refer to the Q4 Supplemental Answers Document.

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 Q4 2011.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project  
Connect Ohio's Broadband Inquiry Process Helps Ohioans Find Connectivity

Connect Ohio published an online article detailing how an Ohio man found home broadband access after utilizing the broadband inquiry process and interactive BroadbandStat tool through Connect Ohio's website. The man is now able to connect to work from home, communicate, pay bills and shop online, and his son can access his online college account. Per Kevin King, "Surfing became a relatively simple task, instead of a frustrating, time-consuming activity. Overall, it just frees up so much time and has removed so much aggravation that it is almost unbelievable."

<http://connectohio.org/blog/post/broadband-inquiry-process-helps-ohioans-connect>

## 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 Milestones Annual and Year 2 Quarter 4 per approved Project Plan

\* Hold quarterly Connect Ohio Technology Association meetings. Activities and deliverables include drafting and distributing an invitation and agenda, event planning, creating a PowerPoint presentation that includes newest research, current project details and updates, documenting meeting discussion, questions and recommendations and distributing meeting minutes and presentation via email to all invited stakeholders. Also facilitate a breakout last mile meeting with invitation-only community leaders to discuss current projects and receive feedback and recommendations for project progress and future projects. Document feedback and recommendations from community leaders. – This milestone was met. In Year 2, Quarter 4 the quarterly forum was held and 43 stakeholders attended. Presentations were made by providers, technical outreach staff, and Director Jason Wilson, Governor's Office of Appalachia, who announced a new task force to focus on Appalachia and how Connect Ohio is involved.

\* Maintain stakeholder relationships through monthly eCommunity Strategies Newsletters and quarterly Connected Newsletters. Primary activities include researching and requesting broadband success from stakeholders, reviewing submitted stories, drafting and editing newsletters and distributing them to stakeholders through e-mail. – This milestone was not met. In Year 2, Quarter 4 the quarterly Connected Newsletter ([http://connectohio.org/sites/default/files/publication-newsletters/connected\\_winter\\_2011\\_final.pdf](http://connectohio.org/sites/default/files/publication-newsletters/connected_winter_2011_final.pdf)) was finalized and distributed to stakeholders on December 9, 2011 at the Technology Association Meeting. Discussions surrounding the eCommunity Strategies Newsletter and its repurposing and redesign were conducted with program vendor Connect Ohio. A direction that was agreed upon and will be instituted during Q1 2012.

For more details, please refer to the Q4 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:

No challenges or obstacles to report for Q4 2011.

Technical Assistance:

No challenges or obstacles to report for Q4 2011.

Leading Practices:

No challenges or obstacles to report for Q4 2011.

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

No changes anticipated at this time.

## 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

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?

#### Broadband Capacity Building:

##### New Connect Ohio Executive Director

Stu Johnson was named executive director for Connect Ohio and will lead the effort to increase broadband awareness, adoption, and access throughout the state.

<http://connectohio.org/recent-news/release-connect-ohio-announces-new-executive-director-continue-focus-broadband-access-ad>

##### Connect Ohio Released Broadband Adoption Online Widget:

Connect Ohio released a new interactive tool which gives a comprehensive overview of existing technology adoption gaps and barriers by socioeconomic groups in Ohio. The tool gives the ability to view, share, and download the results of the Ohio Residential Technology Assessment.

<http://connectohio.org/recent-news/release-connect-ohio-report-reveals-broadband-adoption-varies-significantly-across-socio>

##### Technical Assistance:

Connect Ohio Aids Broadband Expansion in Carroll County. Connect Ohio issued a press release (<http://connectohio.org/recent-news/release-connect-ohio-helps-expand-internet-access-carroll-county>) detailing the successful collaboration of Connect Ohio technical assistance staff, Carroll County Commissioners, and county stakeholders to address the need for high-speed Internet access to homes and businesses in the area. Results of Connect Ohio's research were included in an RFP developed and released by county officials and a provider has been selected to complete the expansion efforts. Local media outlets, including the Times Reporter and the Free Press Standard, picked up this release. Per Carroll County Commissioner Tom Wheaton, "I am very happy to finally be at this position of working with CUE Band for broadband service for the non-served and underserved residents. We have been in need of this service for several years and now that we are moving aggressively forward with the oil and gas industry in Carroll County the timing couldn't be better."...

For more details, please refer to the Q4 Supplemental Answers Document.

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 Q4 2011.

111. 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 Helps Expand Internet Access in Crawford County and Liberty Township

Connect Ohio issued a press release detailing the successful collaboration of Connect Ohio, the Internet provider WaveLinc, and the Liberty Township Fire Department to expand broadband access to homes and businesses in Crawford County through a new expansion tower. The tower is already servicing a dozen homes and has the potential to provide service to several hundred. Per Liberty Township Fire Chief Rick Harley, "Having high-speed Internet is certainly better. The tower is a win-win situation. I've looked at it as a community service. It's helping us out, and it's helping others in the community who want high-speed Internet that weren't able to get it before."

<http://connectohio.org/recent-news/release-connect-ohio-helps-expand-internet-access-crawford-county-and-liberty-township>

\* Connect Ohio maps were used to further identify unserved and underserved areas and to expand service to unserved households.

<http://connectohio.org/mapping/state>.

Leading Practices:

Nothing to report

For more details, please refer to the Q4 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)

01-31-2012