

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
39-50-M09039

4. Report Date (MM/DD/YYYY)
10-11-2011

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 43215-3414

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:
09-30-2011

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: In addition to contact attempts made on July 1, 2010 and January 25, 2011, 2 additional attempts were made this period.

Bellaire Television Cable Co. Inc.: In addition to contact attempts made on July 1, 2010 and February 10, 2011, 3 additional attempts were made this period.

Firewire Internet: Three contact attempts were made between June 2, 2011 and August 9, 2011 with no response.

First Communications, LLC: In addition to contact attempts made in July 2010 and January 2011, 2 additional attempts were made this period.

Global Crossing Telecommunications, Inc.: In addition to contact attempts made between July 1, 2010 and February 17, 2011, 3 additional attempts were made this period.

GLW Broadband: In addition to contact attempts made between July 1, 2010 and February 18, 2011, 3 additional attempts were made this period.

Hocking Internet Technologies, Ltd: In addition to contact attempts made between July 1, 2010 and February 14, 2011, 3 additional attempts were made this period.

Just Micro Digital Services, Inc.: Received an e-mail from the provider stating his refusal to participate, followed by a separate e-mail requesting to have his coverage area removed from the map.

Linked Communications, LLC: In addition to contact attempts made between July 1, 2010 and February 11, 2011, 3 additional attempts were made this period.

New Albany Net: Three contact attempts were made between May 6, 2011 and July 26, 2011 with no response.

PAETEC Communications, Inc.: Multiple outreach attempts were conducted but no response was received. PAETEC was bought out during the collection phase of this round by Windstream and we intend to be able to include the PAETEC coverage as a part of the Windstream footprint during the next round.

For more details, please refer to the Q3 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 have been collected through extraction or extrapolation.

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

ESRI has deployed and is hosting the BroadbandStat (BBStat) web application. ESRI houses the customized application in their highly available, monitored, and managed environment. Their services include maintaining a staging environment for data verification and compatibility as well as a production environment for client access.

Our primary mapping vendor, Connect Ohio, 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 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 us 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.

During the last filing period, we proposed to target 6 additional companies in order to achieve a total field validation rate equal to or exceeding 48.87% before December 31, 2011. As of this report, field validation has been completed on 48.85% of the provider universe.

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 1,233 visits between July 1, 2011 and September 30, 2011.

During this quarter, a total of 188 broadband inquiries were received. 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, 63 field verification tests were conducted. Thus far, our primary mapping vendor has conducted multiple tests on the following providers: Altius Broadband; 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); Buckeye Cablevision Inc.; Buckland Telephone; Cavalier Telephone; Celerity Networks; CenturyLink; Champaign Telephone Company (d.b.a. CTC); Cincinnati Bell Telephone Company LLC; CityNet Fiber; Clearwire Corporation; Comcast; Computers4U; ConnectLink; Country Connections LLC; Coyote Wireless; Dark Horse Wireless; Databit Solutions; Frontier Communications (d.b.a. Citizen's Communications); Eagle Communications (d.b.a. Safe-T.net); g Wireless Inc.; GMN Wireless; Horizon Telecom; 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; Southern Ohio Communication Services Inc.; Sprint Nextel; StratusWave; Talk America Inc.; Telephone Service Company; Time Warner Cable Inc.; T-Mobile; UData Net...

For more details, please refer to the Q3 Supplemental Answers Document

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

Verification activities have been initiated.

Staffing

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

6.09

Our vendor 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 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

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?

6.09

10n. Staffing Table

Job Title	FTE %	Date of Hire
Admin Project Coordinator	83	11/16/2010
Associate Counsel	4	09/14/2009
Business Programmer Analyst	2	04/02/2007
CAI Coordinator	1	12/13/2004
CAI Data Analyst	6	03/24/2009
Community Technology Specialist	21	03/16/2010
Data Validation Intern	66	06/06/2011
Data Validation Intern	17	09/15/2011
ETS Analyst	18	11/01/2007
ETS Analyst	5	02/08/2010
ETS Analyst	1	08/03/2009
ETS Manager	17	07/01/2007
ETS Sr. Analyst	2	02/18/2010
Executive Director, OH	6	08/04/2008
General Counsel	4	01/01/2007
GIS Analyst	50	05/14/2007
GIS Analyst	12	04/01/2010
GIS Analyst	7	04/01/2010
GIS Analyst	2	09/17/2007
GIS Analyst	2	11/16/2009
GIS Analyst	1	10/19/2009
GIS Services Manager	9	05/15/2007
Outreach & Awareness Manager	5	03/24/2009
Outreach & Awareness Specialist	20	11/22/2010
Outreach & Awareness Specialist	8	02/02/2009
Outreach & Awareness Specialist	8	01/04/2010
Outreach & Awareness Specialist	3	10/01/2007
Outreach & Awareness Specialist	1	01/04/2010

Project Coordinator	8	03/09/2009
Project Coordinator	3	04/01/2005
Project Management Director	5	12/16/2009
Project Manager	12	06/01/2011
Project Manager	3	01/14/2008
Project Manager	1	03/16/2010
Provider Relations Manager	8	02/17/2005
Research & GIS Analyst	3	05/14/2007
Research Analyst	5	06/01/2009
Research Analyst	2	02/01/2010
Research Manager	2	05/14/2007
State Services Manager	2	07/01/2007
Technical Outreach Coordinator	52	12/06/2010
Technical Outreach Coordinator	32	11/03/2009
Technical Outreach Manager	89	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	N	02/28/2011	12/31/2011	50,000	300,000

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,405,034 10q. How much Remains? \$5,620,727

10r. How much matching funds have been expended as of the end of last quarter? \$1,256,119 10s. How much Remains? \$500,589

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	\$1,403,583	\$1,256,119	\$2,659,702
Subcontract #1	\$6,074,207	\$1,456,709	\$7,530,916	\$1,403,583	\$1,256,119	\$2,659,702

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Subcontract #2	\$726,365	\$300,000	\$1,026,365	\$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	\$145,276	\$0	\$145,276	\$72	\$0	\$72
Total Direct Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$1,405,034	\$1,256,119	\$2,661,423
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$1,405,034	\$1,256,119	\$2,661,423
% Of Total	80	20	100	52	48	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-\$8,926
- 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 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

The project team has not purchased or used any datasets.

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

10aa. If yes, please list

Data collection packets were submitted in accordance with the National Telecommunications and Information Administration (NTIA) semi-annual requirements. Data updates reflect 87.22% of the Ohio provider community data, or 116 of 133 total providers. There are 115 participating providers and 1 additional non-participating provider whose estimated coverage areas have been submitted. Of the 115 participating providers, 39 supplied an update to their network or coverage areas, while 46 have reported no change. 30 providers who previously supplied data were non-responsive in this semi-annual update effort; therefore their previous dataset is being put forward as part of this compilation. 15 providers have refused to participate or were non-responsive to multiple contact attempts, and 2 providers are currently in some form of progress toward data submission.

Validation was conducted through resolution of pending broadband inquiries that are collected by Connect Ohio. BroadbandStat was utilized to verify if additional providers are now available to pending inquiries and consumers are being notified about any provider updates or expansion projects in their area. Of the 2,914 inquiries received to date, 2,424 have been resolved, 165 await field research, and 490 are pending.

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 Q3 2011.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
The Technical Operations team assisted JB Nets on a broadband expansion business plan that was presented to Gallia County officials. The plan includes high-speed Internet coverage to 80% of the county within the next three years and the creation of at least two, but possibly three, full-time jobs. Expanding Internet coverage using three existing available towers will provide 450 to 500 households with high-speed internet. The proposal includes 30 additional secondary towers that will help to fill in the gaps. An estimate of 1,200 to 1,400 total additional households will have high-speed access once the plan is complete with 33 towers constructed. The officials accepted the proposal and have signed lease agreements with JB Nets for the use of the three 911 communications towers, located in Gallipolis Township, Harrison Township, and Ohio Township. (http://connectohio.org/about_connect_ohio/connect_ohio_blog/index.php?id=tag%3Ablogger.com%2C1999%3Ablog-8975615802721860070.post-6416017153825685449)

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 Year 2 Quarter 3 per approved Project Plan

- Conduct Quarter 3, 2011 Technology Association Meeting – The Quarter 3, 2011 Technology Association Meeting was held on September 30, 2011 with 33 stakeholders in attendance.
- Maintain Stakeholder relationships through monthly eCommunity Strategies Newsletters and quarterly Connected Newsletters in Year 2, Quarter 3 – The quarterly Connected Newsletter (<http://connectohio.org/publications/connected.php?id=tag%3Ablogger.com%2C1999%3Ablog-5961769347757234401.post-178073812699424177>) was distributed to stakeholders on September 30, 2011 at the Technology Association Meeting.

Technical Assistance Milestones Year 2 Quarter 3 per approved Project Plan

- Follow-up with counties in unserved and underserved areas with a minimum of 10 outreach and analysis activities – Outreach and analysis was made through meetings with and presentations for unserved and underserved areas as well provider prospects for the areas of need. Thirteen projects are currently underway with community task forces engaged.
- Create documentation to illustrate the business case scenario for technical assistance - In order to prepare a guide for possible expansion networks tower information was received including location coordinates and tower height. Tower evaluation was done to assess whether towers were viable to extend networks.

For more details, please refer to the Q3 Supplemental Answers Document

11b. 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 Q3 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

Personal Salaries	\$0	\$0	\$0	\$0	\$0	\$0
Personnel Fringe Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Travel	\$0	\$0	\$0	\$0	\$0	\$0

11i. Planning Worksheet						
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?

No additional milestones or information to include at this time.

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 Q3 2011.

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

No additional information to include at this time.

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)

11-21-2011