U.S. DEPARTMENT OF COMMERCE	2. Award Or Grant Number
	39-50-M09039
Performance Progress Report	4. Report Date (MM/DD/YYYY)
	07-11-2011

1. Recipient Name	6. Designated Entity On Behalf Of:	
Ohio Office of Information Technology - DAS	State of Ohio	

3. Street Address	8. Final Report?	9. Report Frequency
30 E. Broad Street, 39th Floor,	○ Yes	⦿ Quarterly
	⦿ No	○ Semi Annual
5. City, State, Zip Code		○ Annual
Columbus, OH 43215-3414		○ Final

7. Project / Grant Period Start Date: (MM/DD/YYYY)	7a. End Date: (MM/DD/YYYY)	7b. Reporting Period End Date:	9a. If Other, please describe:
12-20-2009	12-19-2014	06-30-2011	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

Just Micro Digital Services, Inc.: Received an e-mail from the provider stating his refusal to participate, followed by an e-mail requesting to have his coverage area removed from the map. Provider continues to be non-responsive to outreach efforts. Refused to participate.

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

N/A

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

ESRI is deploying and hosting Ohio'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.

Our primary mapping vendor, Connect Ohio, also collects consumer feedback in the form of broadband inquiries. 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 Initiatives (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.

Before December 31, 2011 Connect Ohio will target 6 additional companies in order to achieve a total field validation rate equal to or exceeding 48.87% (currently at 44.36%).

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 1,378 visits between April 1, 2011 and June 30, 2011.

During this quarter, the Connect Ohio project received a total of 113 broadband inquiries. Additional information received through e-

mail from consumers that can also be used for verification purposes totaled 5 for this quarter.

For this reporting period, 201 field verification tests were conducted. Our primary mapping vendor's staff conducted multiple tests on the following providers: Altius Broadband, Access Ohio Valley, Amplex Internet, AT&T, Avolve, Bascom Mutual Telephone d.b.a. BrightNet Bascom, Benton Ridge Telephone d.b.a. W.A.T.C.H. TV, Buckeye Cablevision Inc., 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, g Wireless Inc., GMN Wireless, Horizon Telecom, Intelliwave, J-B Nets LLC, Just Micro Digital Services Inc., Leap, Level 3 Communications, LightSpeed Technologies, MetaLINK, Mikulski Communications LLC, New Era Broadband LLC, New Knoxville Telephone, NexGen Access, nTelso 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, Verizon Communications, Wavelinc Communications, Wilkshire Wireless, Windstream, XO Communications LLC, and Zayo Group LLC.

To date, field validation testing has been completed against 59 companies (out of a universe of 133 viable providers) totaling 44.36% within the state.

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?
6.71

Our vendor, Connect Ohio, 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. 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

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?

6.71

10n. Staffing Table

Job Title	FTE %	Date of Hire
Admin Project Coordinator	61	11/16/2010
Associate Counsel	5	09/14/2009
Business Analyst Intern	13	12/06/2010
Business Programmer Analyst	2	04/02/2007
CAI Coordinator	3	12/13/2004
CAI Data Analyst	9	03/24/2009
CAI Data Manager	4	08/09/2010
Community Technology Specialist	20	03/16/2010
Community Technology Specialist	3	06/26/2008
Community Technology Specialist	3	09/09/2009

Data Validation Intern	31	06/06/2011
ETS Analyst	10	11/01/2007
ETS Analyst	9	08/03/2009
ETS Manager	11	07/01/2007
ETS Senior Analyst	1	02/18/2010
Executive Director, OH	63	08/04/2008
General Counsel	2	01/01/2007
GIS Analyst	64	05/14/2007
GIS Analyst	7	04/01/2010
GIS Analyst	1	11/16/2009
GIS Intern	2	04/01/2010
GIS Services Manager	4	05/15/2007
Outreach and Awareness Manager	5	03/24/2009
Outreach and Awareness Specialist	16	11/22/2010
Outreach and Awareness Specialist	9	01/04/2010
Outreach and Awareness Specialist	7	10/01/2007
Outreach and Awareness Specialist	6	02/02/2009
Outreach and Awareness Specialist	2	01/04/2010
Outreach and Awareness Specialist	1	01/03/2010
Project Coordinator	13	03/09/2009
Project Coordinator	3	04/01/2005
Project Management Director	1	12/20/2004
Project Manager	6	01/14/2008
Project Manager	1	01/01/2007
Project Manager	1	12/16/2009
Project Manager	1	08/20/2007
Project Manager	1	03/16/2010
Project Manager	1	01/14/2008
Provider Relations Manager	7	02/17/2005
Research & GIS Analyst	13	05/14/2007
Research Analyst	33	02/01/2010
Research Analyst	23	06/01/2009
Research Manager	8	05/14/2007

State Services Manager		1	07/01/2007
Technical Outreach Coordinator		92	11/03/2009
Technical Outreach Manager		92	01/18/2010

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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	295,347
Belmont County	Site address data development	N	N	02/28/2011	12/31/2011	50,000	300,000

Add Row   Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $1,151,655   10q. How much Remains? $5,874,107

10r. How much matching funds have been expended as of the end of last quarter? $744,612   10s. How much Remains? $1,012,097

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	$1,150,202	$744,612	$1,894,814
Subcontract #1	$6,074,207	$1,456,709	$7,530,916	$1,150,202	$744,612	$1,894,814
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	$1,151,655	$744,612	$1,896,267
Total Indirect Costs	$0	$0	$0	$0	$0	$0
Total Costs	$7,025,762	$1,756,709	$8,782,471	$1,151,655	$744,612	$1,896,267
% 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
Hardware/software purchases for the project to date include the following:

Broadband Stat - $60,000
ArchInfo/ArcGIS Software and Maintenance - $4,930
Computers - $7,983
Speed Test Software - $741
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

N/A

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

10aa. If yes, please list
Our vendor's Engineering and Technical Services team conducted validation and speed testing across various parts of the state over the past quarter. A leading practices quarterly objective was met as the Data Validation Intern position was filled with a new intern and the new intern received training. Validations across the state included Fixed Wireless validations, DSL, Fiber, Backhaul and Vertical Assets.

Validation was also conducted through resolution of pending Broadband Inquiries which 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. This quarter, out of 2,712 inquiries, 1,897 have been resolved, 221 await field research and 815 are pending.

Data collection packets were submitted to reflect 83.97% of the Ohio provider community's data, or 110 of 131 total providers. Next quarter's collection also began for the September submission with introduction letters sent to 133 total providers. Currently 26 providers will have no update, 103 data sets are in progress, 1 refused to participate and 22.56% have completed submission.

The Ohio Controlling Board approved Connect Ohio vendor contract for SBI implementation for state fiscal years 2012 and 2013. State GIS team finalizing data collection agreements with Belmont and Vinton counties and engaged in similar discussions with additional Ohio counties.

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
Through this project a Brown County, Ohio resident now has the ability to telework. The resident contacted Connect Ohio through a Broadband Inquiry. The inquiry was then responded to by the Technical Outreach Coordinator who was aware of a new, upgraded network being deployed in Southern Ohio through Frontier Communications. Frontier Communications was able to connect the resident to ROADM Networks, which increases the network's flexibility and delivers higher speeds. The resident estimates a savings of $80 per week by no longer commuting to the office more than 40 miles away. Not only is she saving money but her biggest savings is time. (http://connectohio.org/about_connect_ohio/connect_ohio_blog/index.php?id=tag%3Ablogger.com%2C1999%3Ablog-8975615802721860070.post-7263798211285735039)

JB-Nets began providing Internet service to southeastern Ohio in 2002. The small organization has about 600 customers and has experienced a rapid growth spurt in the last 8 months. The company's owner attributes the growth to new upgrades, word-of-mouth marketing, and Connect Ohio's online mapping tools. The company is in the middle of an expansion project, bringing wireless Internet availability to southern areas of Gallia County that were previously without access. JB-Nets has been building its own towers, ranging from 130- to 180-feet in height. Building its own infrastructure allows for strategic placement of its broadband signal, reaching the most households it possibly can per tower. JB-Nets is also upgrading its current coverage areas to offer customers faster Internet speeds. The company's owner stated, "It's helped that people can pinpoint by their address on Connect Ohio's website and see that we're the

provider in their area. We don't do a lot of advertising, so that tool, word-of-mouth, and expansion efforts have helped us continue to grow our customer base." (http://connectohioblog.blogspot.com/2011/03/connect-ohio-mapping-helps-county.html)

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

•A Program Office was maintained providing leadership and support for the State Broadband Initiatives (SBI) project.
•A revised SBI Project Plan was submitted and approved by the Grants Office at NIST.
•Stakeholder relationships were maintained through monthly eCommunity Strategies Newsletters and quarterly Connected Newsletters. (http://connectohio.org/publications/ecommunity_strategies.php; http://connectohio.org/publications/connected.php)
•Quarterly forum was held, including a breakout session outlining current last mile projects and identifying best practices among disparate community groups.
•New statewide Broadband insights and county-level technology adoption data was released (http://www.connectohio.org/mapping_and_research/residential_and_business_technology_assessments.php). Research indicates an increase to 66% adoption and more than 98% of households have high-speed access.

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 the 2nd Quarter of 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

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						
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

11i. Planning Worksheet						
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?

The Technology Operations Manager and Technology Outreach Coordinator helped communities in need of initial broadband services. Technical assistance may include the development of RFPs, propagation studies, providing infrastructure assessments, budgetary and business planning, and help to identify sources of funds, where applicable. Eleven projects are currently underway with community task forces engaged.

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
Connect Ohio assisted Jackson County Economic Development Board (JCEDB) release a Request for Proposal (RFP) for the construction of a wireless broadband network throughout the county. Through months of planning and work, Connect Ohio's technical outreach team provided data collection, cost estimates, and propagation studies in order to create a customized business model for broadband expansion in the county, and all is included in the RFP. The proposal was released in an effort to expand access and availability of broadband Internet services to commercial, residential, and publicly owned locations in Jackson County. The RFP is an invitation to providers to bring broadband to the unserved and underserved residents and businesses of not only Jackson County, but neighboring counties as well. (http://connectohio.org/about_connect_ohio/connect_ohio_blog/index.php?id=tag%3Ablogger.com%2C1999%3Ablog-8975615802721860070.post-8651350886213365752)

The technical assistance team was part of a collaborative effort in expanding broadband access to residences, businesses, and schools throughout the Knox Township area, as well as improving first-responder communications, with the dedication of a new Knox Township MARCS tower. Connect Ohio provided propagation studies and a business model to Omnicity, Inc. illustrating the possible broadband expansion available with wireless service included on the new MARCS tower, which aided Omnicity's decision to expand in that area through inclusion on the tower. (http://connectohio.org/about_connect_ohio/connect_ohio_blog/index.php?id=tag%3Ablogger.com%2C1999%3Ablog-8975615802721860070.post-6392596899505399619)

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) 07-29-2011