Performance Progress Report					2. Award Or Grant Number 39-50-M09039 4. Report Date (MM/DD/YYYY) 01-20-2011				
								Recipient Name     Ohio Office of Info	rmation Techr
3. Street Address 30 E. Broad Street, 39th Floor,					8. Final Report?		Report Frequency     Quarterly		
5. City, State, Zip C Columbus, OH 43							● No		<ul><li>○ Semi Annual</li><li>○ Annual</li><li>○ Final</li></ul>
7. Project / Grant Period 7a. 7b. Reporting Period End Date: (MM/DD/YYYY) 12-20-2009 12-19-2014 12-31-2010					9a. If Other	, please	describe:		
10. Broadband	<b>Mapping</b>		10a. Provider Table						
Number of Providers Identified 0	Number of Providers Con		Number of Agreemen Reached for Data Sha 0		Number of Partial Data Sets Received	Numbe Comple	r of ete Data Sets	Numb Data S	er of Sets Verified
10d. If so, describe Hocking Internet T so. The owner said decide to share the declined to particip 10e. If you are colle	the discussions echnologies, L I he was conce mapping data ate.	to date _td.: Meerned to a after of the date.	he had 80 percent of r means (e.g. data extra	iders ked d us Hoo	s and the current status why mapping data we the information to cking County covered	was not so create a d d which c	ubmitted aft competitive could take a	er he h advant year oi	ad committed to do age. He said he might r more. They have
10f. Please describe ESRI is deploying application in their environment for da Connected Nation communication redinformation is over real-world comparito provide three type different provider; within a region state to approach the pron the ground. Connected Nation for field validation to plans during Q1 20 Knoxville, Wapako 10g. Have you initia 10h. If yes, please of	e the verification and hosting C highly-availab ta verification also collects of the brodes of information and 3) resident they are oviders within thas targeted 3 testing as well and 3 belawar and 5 testing as well a	a activities onnected le, more and co consume public roadba adbanction: 1) ts who e without that are as addition as planult in 20 e, and activities cus of your properties.	residents who do not do not have broadbaut broadband, but the ea in an effort to trimonal providers (New Inning ongoing testing 0-30 overall tests cond Columbus.  S? •Yes No our activities	nt ndSt I en a pi rm c d se atior orm t hav ind, e bro dow Knox I for	vironment. The scop roduction environment of broadband inquiries rivice. Once broadband in which was collected ation received from be the broadband but we but the broadband inventory may their coverage to except the coverage to example the proadband inventory may be their coverage to example the coverage the coverage	e of serv nt for clie is. These and inquired through proadban ant it; 2) re nventory aps show more accordisphone se dephone sected test	ices include ent access. inquiries recies are recent the SBDD and inquiries. residents who where we otherwise, urately reproservice Control of the Service Control of the Market in Market	es setting epresenteived ac program Broadb no have ate that this all esent rompany, Comcas alaga, (	t any type of cross the state, this m. This allows for a pand inquiries are able broadband but want at they do. If residents lows Connected Nationeal-world availability and GMN Wireless) at and AT&T. Overall Caldwell, New
BroadbandStat is p December 31, 201		ole on t	he Connect Ohio wel	osite	e and received a tota	l of 1,004	4 visits betw	een Oo	ctober 1, 2010 and

During this quarter, the Connect Ohio project has received a total of 95 broadband inquiries. Additional information received through e-

mail from consumers that can also be used for verification purposes totaled 17 for this quarter.

As one of the "legacy" states in the Connected Nation portfolio, broadband mapping began before the implementation of the State Broadband Data & Development grant program. As such, strong relationships with the broadband provider community allowed an atmosphere for fully transparent dialogue and 100% successful field testing. To date Connected Nation has performed over 99 distinctive tests (29 completed in Q4) against 29 of the 139 participating broadband providers in the state. This translates into a 20.86% completion rate. Test locations included: (i) mobile broadband and 3G Wireless tests in 11 communities; (ii) fixed wireless testing in 17 communities; (iii) backhaul testing in 2 communities; (iv) DSL testing in 9 communities; (v) WiMAX testing in 1 community; and (vi) cable modem testing in 8 communities.

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? 2.88

Our sub-contractor, Connected Nation, 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 by 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

The positions not currently staffed are related to the new broadband capacity activities that are only just beginning and as such have no impact on the project's time line. The positions are expected to be filled during the first quarter of 2011.

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

3.88

10n. Staffing Table

Job Title	FTE %	Date of Hire
Associate Counsel	1	09/14/2009
Business Program Analyst	2	04/02/2007
CAI Data Analyst	3	03/24/2009
CAI Data Manager	1	08/09/2010
Community Technology Specialist	14	09/09/2009
Community Technology Specialist	16	01/18/2010
ETS Analyst	1	07/13/2009
ETS Analyst	3	11/01/2007
ETS Analyst	32	08/03/2009
ETS Manager	7	07/01/2007
ETS Sr. Analyst	1	02/18/2010
Executive Director, OH	18	08/04/2008
General Counsel	4	01/01/2007
GIS Analyst	64	05/14/2007
GIS Intern	4	04/01/2010

GIST Service Manager	3	05/15/2007
Outreach & Awareness Manager	4	03/24/2009
Outreach & Awareness Specialist	4	02/02/2009
Outreach & Awareness Specialist	1	01/03/2010
Outreach & Awareness Specialist	4	01/04/2010
Outreach & Awareness Specialist	1	01/04/2010
Project Coordinator	5	04/01/2005
Project Coordinator	4	03/09/2009
Project Management Director	1	12/20/2004
Project Manager	3	01/14/2008
Project Manager	2	12/16/2009
Project Manager	2	08/20/2007
Project Manager	2	03/16/2010
Provider Relations Manager	7	02/17/2005
Provider Relations Specialist	45	11/03/2009
Regional Outreach & Planning Specialist	13	03/16/2010
Regional Outreach & Planning Specialist	3	06/26/2008
Research & GIS Analyst	5	05/14/2007
Research Analyst	2	02/01/2010
Research Ananlyst	1	06/01/2009
Research Manager	3	05/14/2007
State Services Manager	2	07/01/2007
Add Row Remove Row		

### **Sub Contracts**

10o. Subcontracts Table

Too. Gaboorni acto 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	06/30/2011	968,843	443,186
Belmont County	Site address data development	N	N	02/28/2011	08/31/2011	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? \$670,993 10q. How much Remains? \$6,354,769

10r. How much matching funds have been expended as of the end of last quarter? \$365,500 10s. How much Remains? \$1,391,209

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	\$0	\$0	\$0
Personnel Fringe Benefits	\$20,718	\$0	\$20,718	\$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	\$6,800,572	\$1,756,709	\$8,557,281	\$670,955	\$365,500	\$1,036,455
Subcontract #1	\$6,074,207	\$1,456,709	\$7,530,916	\$670,955	\$365,500	\$1,036,455
Subcontract #2	\$726,365	\$0	\$726,365	\$0	\$0	\$0
Subcontract #3	\$0	\$300,000	\$300,000	\$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	\$0	\$0	\$0
Total Direct Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$670,955	\$365,500	\$1,036,455
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$7,025,762	\$1,756,709	\$8,782,471	\$670,955	\$365,500	\$1,036,455
% Of Total	80	20	100	65	35	100

#### Hardware / Software

Google Earth Pro - \$708

10u. Has the project team purchased the software / hardware described in the application?	<ul><li>Yes</li></ul>	○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-\$4,531 Computers-\$5,795 Speed Test Software-\$741

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	<ul><li>No</li></ul>	
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 A Data Validation intern will be hired beginning in Q1 of	2011.		

In response to the additional State Broadband Data & Development funding extending the grant through December 2014, project plan alterations and expansion commenced.

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing	ng
n/a	
10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project A Technology Operations Manager and Technology Outreach Coordinator are assisting communities in need of initial broadb services. Meetings have been held in southeastern Ohio to develop RFPs, engage stakeholders, and to assess the viability last-mile solutions. The Technology Outreach Coordinator developed tools that will aid in propagation studies to facilitate department The Technology Operations Manager presented a summary to the Technology Association in December.  On September 27, the State of Ohio received notice of a grant award extending SBDD mapping and planning activities for an additional three years. The project plan has been revised to include these new activities and will be formally submitted to NT scheduled deadline.	of various ployment.
11. Broadband Planning	
<ul> <li>11a. Please describe progress made against all goals, objectives, and milestones detailed in the approved Project Plan. Be sure to include description of each major activity / milestone that you plan to complete and your current status</li> <li>A Program Office is established and staffing changes were made to accommodate the program. Connect Ohio includes an E Director, Administrative Assistant, Public Relations Specialist, and Project Coordinator who all spend part of their time on the project. A new Technology Operations Manager was named for last-mile assistance as well as a Technology Outreach Coor Both positions will be 100% appropriated to the SBDD program in January.</li> </ul>	Executive SBDD
New maps showing available speed for each area of the state were posted on Connect Ohio's web site on December 9th, an shared with the Technology Association at its December 10 meeting.	d were
Ongoing communication with Broadband Service Providers across the state is facilitated by three State Operations Managers each now partially dedicated to the project. New territories were assigned for each, to ensure statewide coverage. Each is a specific Provider relationships and updates their information in real time. Sixty-two stakeholders, including many Providers a Connect Ohio's quarterly meeting on December 10th.	ssigned
On behalf of the state of Ohio, Connected Nation (CN) is working with its subcontractors to analyze demand-side data collect through statistical telephone surveys of 802 businesses statewide. Quotas were set by industry size and sector to ensure a representative sample of businesses was surveyed, and the results were weighted by industry size and sector to correct for r variances. Analysis of these business survey results began in Q3 2010. Initial data analysis was completed in Q4 2010, with depth survey results scheduled to be provided to the state in Q1 2011. CN designed these surveys to measure technology a barriers to adoption, and awareness of available broadband service among Ohio businesses, and those results were compar statewide figures provided by participating Internet service providers.  11b. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing	minor n more in- doption, ed to
No challenges or obstacles to report for the 4th Quarter of 2010.	
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 be implemented	can
Upon approval of the project plan and budget, Connected Nation plans to alter the methodology of the residential survey upd was scheduled for Q1 2011 and is now funded by the SBDD Technical Assistance grant for Ohio. This updated and improve methodology will provide a greater level of analysis regarding barriers to technology adoption among different socioeconomic demographic groups. In particular, this revised methodology will oversample non-adopters in Ohio in a way similar to that co by the FCC as part of the National Broadband Planning effort. This approach will help create a demographic and socioeconomy profile of the population of non-adopters in Ohio. This information can then be applied at the local level of detail by area plan teams in Ohio, who will be in a better position to develop local adoption initiatives that will target the barriers that are unique to area.  Funding	d c and nducted omic ning
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?

Connected Nation's Engineering and Technical Services team conducted validation and speed testing across various parts of the state over the past quarter. In addition, a Leading Practice objective has begun with Connect Ohio's posting of the Data Validation Intern position at Ohio University. So far, five students have applied, and interviews are under way to select a student intern to begin early in 2011.

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

n/a

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

All planning costs have been combined with the mapping costs and reported in the mapping section above.

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	12c. Telephone (area code, number, and extension)					
Katrina Flory	614-995-5466					
,	12d. Email Address					
Administrator	katrina.flory@oit.ohio.gov					
12b. Signature of Authorized Certifying Official	12e. Date Report Submitted (Month, Day, Year)					
Submitted Electronically	03-03-2011					