U.S. DEPARTMENT OF COMMERCE	2. Award Or Grant Number
	18-50-M09003
Performance Progress Report	4. Report Date (MM/DD/YYYY)
	01-21-2011

1. Recipient Name	6. Designated Entity On Behalf Of:
Indiana Office of Technology	Indiana

3. Street Address	8. Final Report?	9. Report Frequency
100 North Senate Avenue , Indiana Government Center N551,	○ Yes ◉ No	◉ Quarterly ○ Semi Annual ○ Annual ○ Final

5. City, State, Zip Code		
Indianapolis, IN 46204		

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:
10-01-2009	09-30-2014	12-31-2010	NA

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

We have been informed by Omnicity that they are unwilling to provide data at this time due to legal issues with other parties. We will continue to monitor this. The same situation applies to AAA Wireless, ForePoint Networks, NDWave.com, Culver Communication, North Central Communications, and Usppp,Inc. due to their legal relationship with Omnicity.

Fairnet Wireless is very hesitant about providing this information unless it is mandatory. We will continue to follow-up.

Bloomingdale Home Telephone stated that they will not participate and requested that we not contact them any further.

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

NA

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

i. "Boots on the ground" inspection. We will visually inspect the existence of physical features, where feasible, of a sample size sufficient to verify that service could exist in a specific location.
ii. Inspection of high-resolution orthophotography. High-resolution orthophotography will be used to verify the existence and location of wireless towers. Where recent six-inch resolution orthophotography exists (cities and counties), it can also be used to verify the existence of residence connection boxes.
iii. Comparing source documents that duplicate geographies or content. We recognize that within the above list of data sources, some information is duplicated. In these cases, discrepancies will be noted for follow-up using other verification methods listed here.
iv. Collecting end-user data. We are working with The Polis Center at Indiana University Purdue University Indianapolis to create a Google Map-based, user-friendly web application hosted on the IndianaMap portal to collect information from end-users about their location, broadband service provider, and speed (as captured from a speed test). The information collected from this website will be valuable for data verification. The Polis Center works with communities in Indiana and beyond to develop and apply knowledge, to build collaborations, and to find innovative solutions to common problems. The center excels in community-based research and advanced information technologies, especially geographic information systems (GIS).
v. Using service providers' websites, especially those that contain service area information. Many service providers have websites that give service area information (often address by address) to assist consumers. We will use these websites in conjunction with "boots on the ground" and the other methods listed here to verify the data.

10g. Have you initiated verification activities? ◉ Yes ○ No

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

i. We have begun verification comparing source documents that duplicate geographies and/or content. We recognize that within the above list of data sources, some information is duplicated. In these cases, discrepancies will be noted for follow-up using other verification methods listed here.
ii. We have developed a prototype "crowd-sourcing" tool and have begun using this tool to collect data for verification.
iii. We have acquired a 3rd party data set for verification and are in the process of using it to compare to our mapped data.
iv. We have begun using service providers' websites, especially those that contain service area information.

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

NA

Staffing

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

4.43

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

No impact to the project's time line is anticipated.

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

6.75

10n. Staffing Table

Job Title	FTE %	Date of Hire
GIS Technician	13	02/23/2010
GIS Analyst	39	02/23/2010
GIS Sr. Analyst	48	02/23/2010

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
39 Degrees North	Perform Geoprocessing of service provider data	N	Y	02/23/2010	01/31/2011	150,000	30,000
Indiana Geological Survey	Facilitate visualization and distribution of mapping data	N	Y	04/01/2010	09/30/2011	155,000	31,000
AfterImage GIS	Process data from wireless service providers	N	Y	05/01/2010	10/31/2011	85,000	17,000
DotStaff	Provide contract position - Broadband Mapping Coordinator	N	Y	06/14/2010	12/13/2010	45,000	9,000
InfoUSA	Third party data to support verification	N	Y	04/27/2010	06/27/2010	37,853	7,570

Add Row	Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter?　$399,908　　10q. How much Remains?　$2,894,858

10r. How much matching funds have been expended as of the end of last quarter?　$219,651　　10s. How much Remains?　$604,041

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	$345,304	$20,230	$0	$70,685	$4,141	$74,826
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	$2,949,462	$296,337	$3,245,799	$329,223	$0	$329,223
Subcontract #1	$0	$0	$0	$33,000	$0	$0
Subcontract #2	$0	$0	$0	$59,066	$0	$0
Subcontract #3	$0	$0	$0	$39,700	$0	$0
Subcontract #4	$0	$0	$0	$159,604	$0	$0
Subcontract #5	$0	$0	$0	$37,853	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$0	$507,125	$507,125	$0	$215,510	$215,510
Total Direct Costs	$3,294,766	$823,692	$4,118,458	$0	$0	$0
Total Indirect Costs	$0	$0	$0	$0	$0	$0
Total Costs	$3,294,766	$823,692	$4,118,458	$399,908	$219,651	$619,559
% Of Total	80	20	100	0	0	0

Hardware / Software

10u. Has the project team purchased the software / hardware described in the application? ◯Yes ⦿No

10v. If yes, please list

NA

10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased

NA

10x. Has the project team purchased or used any data sets? ⦿Yes ◯No

10y. If yes, please list

Data from InfoUSA that included IP Address, domain name, broadband technology type. Cost=$37,853 (See Subcontract #5)

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

10aa. If yes, please list

We will be hosting a statewide meeting of Indiana Wireless Internet Service providers January 19, 2011. This will provide us with an opportunity to promote the broadband mapping program to many of these providers at the same time. We anticipate a positive outcome that will result in easier access to data.

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

We have determined that additional QC of submittal data is required. We have added an additional review step in our submittal process.

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

NA

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

NA

11b. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

NA

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

NA

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

11i. Planning Worksheet						
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?

NA

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

NA

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

NA

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 Jim Sparks	12c. Telephone (area code, number, and extension)	
	12d. Email Address jsparks@iot.in.gov	
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 02-09-2011	