U.S. DEPARTMENT OF COMMERCE **Performance Progress Report**	2. Award Or Grant Number 35-50-M09036
	4. Report Date (MM/DD/YYYY) 07-07-2011

1. Recipient Name State of New Mexico, Department of Information Technology	6. Designated Entity On Behalf Of: NTIA	
3. Street Address 715 Alta Vista,	8. Final Report? ◯ Yes ◉ No	9. Report Frequency ◉ Quarterly ◯ Semi Annual ◯ Annual ◯ Final
5. City, State, Zip Code Santa Fe, NM 87505		

7. Project / Grant Period Start Date: (MM/DD/YYYY) 01-01-2010	7a. End Date: (MM/DD/YYYY) 12-31-2014	7b. Reporting Period End Date: 06-30-2011	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
85	82	48	2	38	38

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

Currently, we are still getting some resistance from Telecom Provider both due to resistance to government intrusion and potential predatory actions of larger businesses to smaller businesses. Personal discussions and providing better data aggregation display techniques is developing more cooperation.

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

Round Four Data Request Template now includes a dual request for "Customer Data" and "Service Area". Service Area being that the provider can provide broadband within 10 business days. In addition, the Web Map has been retooled to link Provider and Technologies into an easy to access form.

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

Following Round Three we reassessed the Data Acquisition, Processing, and Deployment Procedures System and made a number of changes. In addition, we are implementing a three tiered geocoding process into the Round Four acquisitions. Lastly, we are working on an aggregation geography that will improve the reporting of data within rural areas.

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

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

New Mexico has weekly team meetings to improve verification processes, has engaged a Quality Assurance staff member to provide monthly reviews, has implemented a three tiered geocoding methodology, has improved the Provider Feedback Loop process, has developed a Project Tracking System, and has provided contact mechanisms specific to the Broadband Program.

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?

The University of New Mexico, Earth Data Analysis Center (EDAC) was contracted this quarter and funds ten positions to work on this project, which equated into 3.55 full-time-equivalent positions. Eight of the ten positions are Geo-Spatial Specialists and two are Fiscal Analysts. These positions are required to process and acquire data from over thirty-five Telecommunication Providers and upload this information to the National Telecommunications and Information Administration (NTIA). The Department of Information Technology employs one full time position which is funded by this award. This position is the Grant Broadband Program Manager. With this position the grant had a total of 4.55 full-time-positions this quarter.

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?

Currently fully staffed

10n. Staffing Table

Job Title	FTE %	Date of Hire
Grant Broadband Program Manager - Gar Clarke	100	04/17/2010
Geospatial Specialist - Geospatial Information Technologies Analyst - Chandra Bales	21	07/12/2010
Geospatial Specialist - Manager Geographic Information Systems - Shirley Baros	62	07/12/2010
Geospatial Specialist - Associate Director Earth Data Analysis Center - Michael Inglis	33	07/12/2010
Geospatial Specialist - Geospatial Information Technologies Analyst - Paul Neville	47	07/12/2010
Geospatial Specialist - Geospatial Information Technologies Analyst - Shawn Penman	3	07/12/2010
Geospatial Specialist - Geospatial Information Technologies Analyst - Sandeep Talasila	71	07/12/2010
Geospatial Specialist - Student Technical Specialist - Jonathan Nelson	47	07/12/2010
Fiscal Analyst - Accountant II - Katheryn Madrid	16	07/12/2010
Fiscal Analyst - Fiscal Services Technician - Sandra Mentz	14	07/12/2010
Geospatial Specialist - Manager Geographic Information Systems - Thomas	41	05/01/2011

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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
University of New Mexico - Earth Data and Analysis Center	Broadband Mapping	N	Y	05/18/2010	12/31/2011	268,296	0
Design Nine, Inc.	Provide Inventory and Project Plans	N	Y	05/26/2010	12/31/2011	28,000	80,000
Environmental systems Research Institute	Broadband Mapping Software and License	N	N	06/30/2010	06/30/2010	47,031	0

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Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $388,353   10q. How much Remains? $4,373,934

10r. How much matching funds have been expended as of the end of last quarter? $234,971   10s. How much Remains? $1,097,573

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	$574,800	$1,069,420	$1,644,220	$106,956	$145,928	$252,884
Personnel Fringe Benefits	$269,430	$0	$269,430	$36,225	$0	$36,225

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Travel	$85,200	$3,717	$88,917	$5,919	$2,350	$8,269
Equipment	$11,163	$0	$11,163	$0	$0	$0
Materials / Supplies	$283,519	$0	$283,519	$52,537	$0	$52,537
Subcontracts Total	$3,466,825	$80,000	$3,546,825	$163,045	$80,000	$243,045
Subcontract #1	$2,900,000	$0	$2,900,000	$135,045	$0	$135,045
Subcontract #2	$200,000	$80,000	$280,000	$28,000	$80,000	$108,000
Subcontract #3	$330,000	$0	$330,000	$0	$0	$0
Subcontract #4	$36,825	$0	$36,825	$0	$0	$0
Subcontract #5	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$71,350	$37,435	$108,785	$23,671	$6,674	$30,365
Total Direct Costs	$4,762,287	$1,190,572	$5,952,859	$388,353	$234,972	$623,325
Total Indirect Costs	$0	$0	$0	$0	$0	$0
Total Costs	$4,762,287	$1,190,572	$5,952,859	$388,353	$234,972	$623,325
% Of Total	80	20	100	8	5	13

Hardware / Software

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

10v. If yes, please list
SOFTWARE
ESRI: ArcGIS Server
         ArcInfo Concurrent
         Spatial Analyst Concurrent
         ArcView Single Use
         Spatial Analyst Single Use
         3D Analyst Single Use
Adobe Flex Builder
         Acrobat Standard
MS   OS7
         MS Office Pro
         Visio
         Project

HARDWARE
Laptop w/
Docking Station
         Dual Screens
         Portable Drives (2)

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

We are purchasing on an "as needed" basis. We are looking at possible software to support Speed Testing, Propagation Modeling, and Interoperability Conversion

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

10y. If yes, please list
DATA SETS:
Cable Boundary Data, ESRI
Road Centerline Data, TeleAtlas TomTom
Road Centerline Data, NAVTEQ

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

10aa. If yes, please list

The New Mexico Broadband Steering Committee is now replaced with a slightly larger collaborative group named the New Mexico Broadband Executive Committee that includes representatives from Government, Industry, Regulation, Tribal, Health, Eduction, and Non Profits.

An enhancement of the Broadband architecture spun the "New Mexico Watch Demonstration Project"; an online map service that provides information on disasters in New Mexico. The base maps include street, aerial imagery, and topography layers. The web site is "interactive". Meaning users who have broadband access (field/home/office) can measure (area and distances), draw to establish focus areas, annotate, and print. Also, individuals can tap in an address, zoom to that location, and reference the fire incident to an area. In addition, the locations of emergency operations centers, fire stations, law enforcement, hospitals, community centers, and schools are shown. These originated from the Broadband Community Anchor Institutions (CIA) database. New Mexico Watch: http://nmwatch.org/

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

New Mexico State procurement for a particular agency is slow and inaccurate. We are developing a Purchase Procedures Document that will streamline the procurement process.

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

The Upload Summary Reports provided to New Mexico by NTIA/FCC have been most helpful in improving our accuracy and content. However, these reports will be most useful if provided earlier and at least previous to staging the following data acquisition round. In addition, New Mexico and most likely all states can benefit from a cooperative NTIA environment between the BTOP and SBI Programs. Especially, in sharing data on Community Anchor Institutions. New Mexico is having a difficult time acquiring these data from the BTOP Grantees. We do not have the authority nor the permission to acquire these data.

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

The New Mexico Broadband Team has finalized a contract that will provide a "longitudinal" survey of digital literacy trainees, a survey of Native Nations, and begin the construction of an online Digital Literacy Resource. In addition, a contract to begin the compilation of the "New Mexico Broadband Strategic Plan" is in the planning stages.

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

The New Mexico Broadband Program Planning Component is moving smoothly.

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

There are some "Tasks" within the initial Grant Proposal that had good intention, yet now need to be realigned as we now know more. These tasks should not modify the planned budget amounts. In addition, we want to redirect our In-Kind metric to include a substantial part of our E911 Road Centerline Development effort.

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

11i. Planning Worksheet						
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?
The New Mexico Broadband Team is moving forward with a collaborative between the BTOP Awardees and especially the State Library "Fast Forward New Mexico" program. In addition, the collection of data to build the "Digital Literacy Inventory" is being contracted. This will eventually provide an online resource that matches facilities, content, and instructors who conduct "Internet" courses within the State. I addition, Indian Country contacts are being acquired in preparation for a survey that will identify digital gaps in each of the Tribal Nations within New Mexico. We are in contact with the FCC Native Nations Broadband Task Force through our State Designate to that Task Force.

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

The New Mexico Broadband Team believes the FCC/NTIA can provide a collaborative path for the SBI Grantees to work with the other NTIA Grantees within the State.

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 Mary Anaya	12c. Telephone (area code, number, and extension)
	12d. Email Address mary.anaya@state.nm.us
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 08-16-2011