U.S. DEPARTMENT OF COMMERCE	2. Award Or Grant Number
	38-50-M09050
Performance Progress Report	4. Report Date (MM/DD/YYYY)
	04-25-2012

1. Recipient Name	6. Designated Entity On Behalf Of:
State of North Dakota, Information Technology Department	N/A

3. Street Address	8. Final Report?	9. Report Frequency
600 East Boulevard Avenue, Dept 117,	○ Yes	◉ Quarterly
		○ Semi Annual
5. City, State, Zip Code	◉ No	○ Annual
Bismarck, ND 58505-0100		○ 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	03-31-2012	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

N/A

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

We have been performing statewide drive tests with the beta version of our wireless field verification tool for the past 4 months. Next quarter we plan to process this data to evaluate the quality of the tool and determine areas that need more validation efforts.

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

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

In addition to the verification process identified from the beginning of the project, we have also initiated individualized assistance with some of the providers who provided coverage data that was incomplete or lacking in detail. This effort has already resulted in improved coverage data from two providers. We expect to engage with three additional providers next quarter.

Late in Q2 2012, we will also begin a field verification activity to visit and verify data regarding identified wireless tower sites 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?

.91 FTE State Jobs & 3.96 FTEs Non-State Jobs for a total of 4.87 FTEs were retained over the 1st quarter. No additional positions were created . The total staffing including created and retained FTEs for Q1 is 4.87 FTEs.

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?

The program director will be a consistent .75 FTE throughout the project. There are variable additional FTEs that will be employed depending on the project schedule. The variable FTEs will be roughly 2-4 FTEs per quarter.

10n. Staffing Table

Job Title	FTE %	Date of Hire
State Program Director	75	10/03/2011
State Administrative Support	5	01/20/2010
State Project Manager	11	01/20/2010
Vendor Administrative Support	6	01/20/2010
Vendor Project Manager	57	01/20/2010
Vendor GIS Analyst	100	01/20/2010
Vendor GIS Analyst	100	01/20/2010
Vendor GIS Analyst	100	01/20/2010
Vendor GIS Analyst	33	01/20/2010

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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
Tetra Tech, Inc.	Perform most mapping activities	Y	Y	01/20/2010	12/20/2014	1,554,484	0
EduTech	Manage the Technical Assistance Program	N	N	12/01/2010	07/31/2012	75,000	0
TBD	Projects not yet scheduled, Project Management	N	N	01/30/2011	12/24/2014	718,721	0

Add Row	Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $1,196,988   10q. How much Remains? $2,467,098

10r. How much matching funds have been expended as of the end of last quarter? $462,478   10s. How much Remains? $520,848

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	$425,743	$40,131	$465,874	$74,163	$0	$74,163
Personnel Fringe Benefits	$182,461	$17,199	$199,660	$22,759	$0	$22,759
Travel	$146,012	$0	$146,012	$4,046	$0	$4,046
Equipment	$51,620	$0	$51,620	$13,523	$0	$13,523

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Materials / Supplies	$6,502	$0	$6,502	$4,926	$0	$4,926
Subcontracts Total	$2,348,205	$0	$2,348,205	$1,045,806	$0	$1,045,806
Subcontract #1	$1,554,484	$0	$1,554,484	$1,006,806	$0	$1,006,806
Subcontract #2	$75,000	$0	$75,000	$39,000	$0	$39,000
Subcontract #3	$718,721	$0	$718,721	$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	$317,949	$925,997	$1,243,946	$8,349	$437,539	$445,888
Total Direct Costs	$3,478,492	$983,327	$4,461,819	$1,173,571	$437,539	$1,611,110
Total Indirect Costs	$185,594	$0	$185,594	$0	$0	$0
Total Costs	$3,664,086	$983,327	$4,647,413	$1,173,571	$437,539	$1,611,110
% Of Total	79	21	100	73	27	100

Hardware / Software

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

10v. If yes, please list

The custom map application is in production at broadband.nd.gov. Speed Test software has been purchased, installed and is in production. We have also purchased smartphones for all providers in the state to use for our field measurement project.

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

The provider update app will be in production in April. The smartphone field validation software will be implemented in Q2/Q3 2012.

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

10y. If yes, please list

The vendor developed the main data sets and purchased a data set. The cost of this was included in the overall data collection costs and was not separated out.

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

10aa. If yes, please list

N/A

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

Our provider update application is nearly complete. We are scheduled to host live training with the providers on May 8th. In this event, the providers will be bringing updated coverage data and directly inputting it using the new tool. We previewed the application to three providers this quarter and it was very well received. This tool allows the providers to map their coverage in a variety of map driven ways, or directly import coverage data from a shape file. This should significantly reduce the level of effort required for the providers to submit coverage data, and is expected to improve the quality and frequency of data provided.

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

We have engaged in several discussions with various public safety entities within the state. Based on these discussions, a survey is being developed to evaluate the current state of broadband availability, utilization, and needs for the respective anchors. These discussions have also highlighted several major future state initiatives that will require significant consideration; Next Generation 9-1-1, Public Safety LTE (700MHz), and migration to Radio over IP.

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

n/a

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

We are currently having an internal discussion regarding this project to evaluate if there are improvements that could be made to better evaluate the needs of NG 9-1-1, Public Safety LTE, and Radio Over IP. We have not formalized any changes at this time and would like to discuss our options with the NTIA team during the SHLB conference this May.

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?

N/A

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

N/A

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 Travis Durick	12c. Telephone (area code, number, and extension)
	12d. Email Address tdurick@nd.gov
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 06-08-2012