U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
28-50-M09063

4. Report Date (MM/DD/YYYY)
01-17-2011

1. Recipient Name
Office of the Governor, State of Mississippi

6. Designated Entity On Behalf Of:
N/A

3. Street Address
550 High St, Walter Sillers Bldg, Suite 2,

5. City, State, Zip Code
Jackson, MS 39201

8. Final Report?
○ Yes
◉ No

9. Report Frequency
◉ Quarterly
○ Semi Annual
○ Annual
○ 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:
01-01-2010	12-31-2014	12-31-2010	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

We have started to receive feedback via the now released Broadband for Mississippi State web site that has supplied information on new providers that will be mapped for Round 3 - Spring 2011 data submission. For this data submission, we will also be researching new potential providers via web sources that have been provided to ensure we're representing a complete view of available broadband availability.

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

1. Validation - Provider Portal/Web Application has been released, including prototyping with some provider's to ensure their feedback is incorporated within the final release. The final step that will occur in alignment with the Round 3 outreach is completed training on validation and change collection via the portal.

2. Verification - 3rd Party Source Material –
This quarter we've completed 3rd party analysis on all providers' coverage areas. This data, along with the provider validation results, were combined into one overall table with an assigned confidence value on the specified coverage area. This allowed us to break each coverage area down by technology type and record verification and confidence values down to a technology type level for each provider.

3. The Crowd Sourcing collection was integrated into the Broadband for Mississippi State site. Within the interactive map, the public can run speed tests and provide feedback on the available broadband technology in their area. All feedback is collected within a table with categorization available so the team can review all result overtime and provide reports supporting the type of issue identified. Speed test results will be collected over time to identify where data anomalies occur and review potential map refinement needs.

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

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

See statements above

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

Continued provider validation and verification will be completed using the available web portals and internal source comparisons, with

broadband map refinement completed in upcoming NTIA data submissions.

Staffing

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

3.81

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?

3.81

10n. Staffing Table

Job Title	FTE %	Date of Hire
Data Sourcing Manager	37	11/30/2009
Sr. Quality Manager, Technical Project Manager	2	08/10/2009
Cartographic Specialist	15	11/13/2009
Cartographic Specialist	22	08/31/2009
Database and Requirements Engineer	2	08/10/2009
Program Manager	52	08/19/2009
Database and Requirements Engineer	5	03/29/2010
QC Specialist, Sr Web Designer	45	04/01/2010
Geocoding and Conflation Engineer	2	09/07/2009
Database and Requirements Engineer, Sr Web Designer	77	08/10/2009
Account Manager	1	04/01/2010
Technical Writer	1	04/19/2010
Sr. Web Designer	26	04/19/2010
Broadband Coordinator	33	01/01/2010
Broadband Assistant Coordinator	25	01/01/2010
Policy/Reporting Analyst	8	08/01/2010
Policy Aide	17	01/01/2010
Counsel	8	11/01/2010
Accounting Specialist	3	11/01/2010

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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

BroadMap, LLC	To develop a statewide comprehensive assessment and mapping of current broadband infrastructure in Mississippi	Y	Y	03/05/2010	12/31/2011	1,514,678	0
Mississippi Broadband Connect Coalition	To produce a comprehensive statewide strategic plan for improving digital literacy, increasing access to broadband and enabling greater adoption of broadband in the state.	N	Y	12/23/2010	12/31/2015	356,100	0

Add Row	Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $1,119,164   10q. How much Remains? $5,892,527

10r. How much matching funds have been expended as of the end of last quarter? $390,339   10s. How much Remains? $1,481,583

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	$852,335	$135,642	$987,977	$128,602	$77,982	$206,584
Personnel Fringe Benefits	$289,578	$35,524	$325,102	$47,565	$20,297	$67,862
Travel	$45,000	$0	$45,000	$0	$0	$0
Equipment	$0	$130,000	$130,000	$0	$0	$0
Materials / Supplies	$2,000	$250,000	$252,000	$548	$250,000	$250,548
Subcontracts Total	$5,322,777	$65,000	$5,387,777	$942,449	$0	$942,449
Subcontract #1	$1,514,678	$0	$1,514,678	$942,449	$0	$942,449
Subcontract #2	$2,416,794	$0	$2,416,794	$0	$0	$0
Subcontract #3	$356,100	$0	$356,100	$0	$0	$0
Subcontract #4	$1,035,205	$65,000	$1,035,205	$0	$0	$0
Subcontract #5	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$500,001	$795,300	$1,295,301	$0	$42,120	$42,120
Total Direct Costs	$7,011,691	$1,411,466	$8,423,157	$1,119,164	$390,399	$1,509,563
Total Indirect Costs	$0	$460,516	$460,516	$0	$0	$0
Total Costs	$7,011,691	$1,871,982	$8,883,673	$1,119,164	$390,399	$1,509,563
% Of Total	100	100	100	16	21	17

Hardware / Software

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

10v. If yes, please list
Server - Dell PowerEdge R710 Dual Quad-core Intel@ Xeon@ X5550, 2.66Ghz,32GB, RAM 600c8,2 x 300G8 l5K SAS: $35,000.00
Storage - Dell PowerVault MD I 000 Direct-Attach Storage, 3.0 Terabytes 5 x 600G8 l5K SAS: $7,000.00
OS - Windows Server 2008 Standard R2 (5 CALs): $700.00
RDBMS - SOL Server 2008 Licensing. 4 sockets: $25,000.00
Map Server - ArcGIS Server Standard: $40,000.00

Desktop GIS - ArcEditor: $7,000.00
Shipping - $500.00
 10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased

N/A

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

 10y. If yes, please list
Digital Baseline Maps $5,500

Anchor Institution and Business Listing & Survey Data $15,000

Household Demographic Data $7,500

Educational Database $3,000

US ZipCode and Zip+4 data $5,000

Spectrum Holdings for Wireless Providers $2,000

Geographic Boundary Data For All Cable Systems $1,000

Wireless Marketed Coverage Patterns $7,000

Wire Center Boundaries $1,000

Central Office Locations $800

Carrier Exchange Information $4,000

Carrier Information $2,000

Tower Maps $2,000

Wireless Internet Service Provider Data $5,250

Proxix - Geo-coder $10,000

Proxix - Online Mapping Geocoder $5,000

 Total $76,050

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

 10aa. If yes, please list

The project milestones supporting the Leading Practices will start being planned out, with special focus on the resellers collection and mapping efforts to move to resolution of the 4th challenge mentioned below.

 10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing
There are two challenges noted within this quarter's activities:
1) Creating an interactive map that supports many different screen resolutions, sizes, browser versions, operating systems, etc. The team performed significant testing to support the majority of the systems, as well as released the site internally to ~150 employees prior to public release of the site.

2) With the verification efforts completed, there's a challenge that will occur during the Round 3 outreach that require balancing conflicts identified during the verification process and requesting updates or correctness in data collected/reported by the provider. Need to ensure the map is an accurate representation of broadband availability, but also need to ensure cooperativeness of the providers themselves.

3) Address/Basemap Data - It's been noticed by Providers and public users that geocoding on the State map is not locating some of their addresses. This is the major feedback being received through the feedback collection tool (Crowd Sourcing) on the interactive map. This is due to the address data available for the State, as many street level data does not have detailed and current address-level data in rural areas. Mississippi did request grant approval for a Master Address File to build up a stronger basemap, which would help alleviate this challenge, but funding was denied.

4) The last challenge is the 2nd priority feedback item on the interactive map, where provider coverage displayed is being questioned by the public as it represents either too generalized of a footprint (census block) or is completely missing as resellers are not included. Future model changes may resolve these challenges.

There are two challenges noted within this quarter's activities:
1) Creating an interactive map that supports many different screen resolutions, sizes, browser versions, operating systems, etc. The team performed significant testing to support the majority of the systems, as well as released

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

N/A

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 planning staff in the Office of the Governor continued to work with Information Technology Services (ITS) staff on the development and release of the mapping website. The planning team also ensured that all necessary internal deadlines and federal deadlines were met.

Additionally, the planning group worked with the Mississippi Broadband Task Force to select a management agency for the Mississippi Broadband Connect Coalition (MBCC) nonprofit, which was funded by the SBDD amendment received on September 27, 2010. Planning staff is aware of and involved in the ongoing operations of the MBCC.

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

The planning team does not have challenges or obstacles to report.

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

11i. Planning Worksheet						
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?

No.

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 Nicole Stofer Senior Advisor	12c. Telephone (area code, number, and extension) (601) 359-3766
	12d. Email Address NStofer@governor.state.ms.us
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 02-24-2011