

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number
28-50-M09063

4. Report Date (MM/DD/YYYY)
07-18-2011

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,

8. Final Report? Yes No
9. Report Frequency
 Quarterly
 Semi Annual
 Annual
 Final

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

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
38	38	34	38	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

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 extracted information from the following web site to build an initial inventory of reseller providers.

<http://www.mpus.ms.gov/utility/telecomm/telecomm-list.aspx>

We have continued to collect information from the Mississippi State web site and interactive map to further refine the broadband map.

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

We are currently in the process of reviewing other verification tools/companies that would support broadband analysis in rural areas. Once we complete our tests and/or demos of these companies and identify the tools we wish to proceed with, a plan will be provided in a subsequent report.

10g. Have you initiated verification activities? Yes No

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

Validation - The provider portal was utilized for the Spring 2011 data submission to have all providers review their coverage areas via the map application, submit any changes needed, and/or validate their coverage. All changes requested were completed in time for the data submission, along with providers validating the updated coverage.

Verification - 3rd Party Source Material and Crowd Sourcing –

As updates are incorporated into the broadband map based on provider input, we perform 3rd party verification using Pitney Bowes, Comsearch, American Roamer and/or Media prints for verification.

We also have started reviewing feedback received from the consumers, via the State interactive map, with providers such as AT&T and Comcast. We're currently working towards setting up a process so all feedback received regarding a specific provider is sent to that provider for better understanding of services available, leading to potential map refinement.

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?

5.94

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?

5.94

10n. Staffing Table

Job Title	FTE %	Date of Hire
QC Specialist	11	03/22/2010
Data Sourcing Manager	28	11/03/2009
Cartographic Specialist	1	02/22/2010
Cartographic Specialist	38	08/31/2009
Cartographic Specialist	19	10/13/2009
Database and Requirements Engineer	2	08/10/2009
Program Manager	39	10/19/2009
Database and Requirements Engineer, Sr. Web Designer	16	03/29/2010
Sr. Director, Finance and Administration	1	10/05/2009
Broadband Reporting Coordinator	100	01/01/2010
Broadband Assistant Coordinator	75	01/01/2010
Policy/Reporting Analyst	25	08/01/2010
Policy/Reporting Analyst	25	02/14/2011
Policy Aide	50	01/01/2010
Counsel	50	02/01/2011
Accounting Specialist	10	11/01/2010
Mississippi Broadband Connect Coalition Coordinator	100	02/10/2011

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
BroadMap, LLC	To develop a statewide comprehensive assessment and mapping of current broadband infrastructure in Mississippi	Y	Y	03/05/2010	12/31/2011	1,541,678	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	12/31/2014	356,100	0
Mississippi State University- Extension Service	To identify barriers to the adoption of broadband service and information technology services, to create and facilitate local planning teams, and to establish computer ownership and Internet access programs	N	Y	03/24/2011	12/31/2014	2,416,794	0

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,556,327 10q. How much Remains? \$5,455,364

10r. How much matching funds have been expended as of the end of last quarter? \$447,109 10s. How much Remains? \$1,424,873

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	\$272,576	\$106,329	\$378,905
Personnel Fringe Benefits	\$289,578	\$35,524	\$325,102	\$71,712	\$27,600	\$99,312
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	\$966	\$250,000	\$250,996
Subcontracts Total	\$5,322,777	\$65,000	\$5,387,777	\$1,211,073	\$0	\$1,211,073
Subcontract #1	\$1,514,678	\$0	\$1,514,678	\$1,144,805	\$0	\$1,144,805
Subcontract #2	\$2,416,794	\$0	\$2,416,794	\$0	\$0	\$0
Subcontract #3	\$356,100	\$0	\$356,100	\$66,268	\$0	\$66,268
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	\$63,180	\$63,180
Total Direct Costs	\$7,011,691	\$1,411,466	\$8,423,157	\$1,556,327	\$447,109	\$2,003,436
Total Indirect Costs	\$0	\$460,516	\$460,516	\$0	\$0	\$0
Total Costs	\$7,011,691	\$1,871,982	\$8,883,673	\$1,556,327	\$447,109	\$2,003,436
% Of Total	100	100	100	22	24	23

Hardware / Software

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

10v. If yes, please list

Purchased in 2010:

Server - Dell PowerEdge R710 Dual Quad-core Intel@ Xeon@ X5550, 2.66Ghz,32GB, RAM 600c8,2 x 300G8 I5K SAS: \$35,000.00

Storage - Dell PowerVault MD1000 Direct-Attach Storage, 3.0 Terabytes 5 x 600G8 15K 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

\$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 for Leading Practices activities have now been planned out. For more details, please refer to the Q1 Supplemental Answers Document.

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing
The following challenges are the same that have been reported in previous quarters and we're looking to NTIA for support/guidance to resolve these items:

1) 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 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.

Update from previous report: NTIA has approved to use the \$500,000 in the "Other" section for address improvement, which we're hoping to start in year 2 of the program if NTIA agrees.

2) With the verification efforts continuing, there's a challenge 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) 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. Need support from NTIA/FCC on future model changes to incorporate better requirements for reseller and business-only providers.

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

Please see number 1 above - Address/Basemap 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 Planning team in the Office of the Governor worked with Fidelis Policy Group to prepare for and coordinate the Mississippi Broadband Connect Coalition's (MBCC) second Board Meeting held on June 9, 2011. Planning staff also assisted in the second round of MBCC sub-committee meetings. The Office of the Governor completed a monitoring review of Fidelis Policy Group and all Coalition activities. Finally, the Planning staff began drafting an outline for the Coalition's final report due in Quarter 4 of 2011.

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

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
Subcontract #3	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #4	\$0	\$0	\$0	\$0	\$0	\$0

11i. Planning Worksheet

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?

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 Nicole Stofer Senior Advisor	12c. Telephone (area code, number, and extension) (601) 359-3766
12b. Signature of Authorized Certifying Official Submitted Electronically	12d. Email Address NStofer@governor.state.ms.us 12e. Date Report Submitted (Month, Day, Year) 08-19-2011