U.S. DEPARTMENT OF COMMERCE	2. Award Or Grant Number
	28-50-M09063
Performance Progress Report	4. Report Date (MM/DD/YYYY)
	07-16-2012

1. Recipient Name	6. Designated Entity On Behalf Of:
Office of the Governor, State of Mississippi	N/A

3. Street Address	8. Final Report?	9. Report Frequency
550 High St, Walter Sillers Bldg, Suite 2,	◯ Yes	◉ Quarterly
	◉ No	◯ Semi Annual
5. City, State, Zip Code		◯ Annual
Jackson, MS 39201		◯ 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	06-30-2012	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
43	43	43	43	43	43

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

Broadmap LLC - We have extracted provider information from the following three methods:
- Web site - www.mpus.ms.gov/utility/telecomm/telecomm-list.aspx.
- Compared the resellers and FCC filers against their web sites to identify if they supply broadband services and to prepare for technical discussions with each company to potentially become a participating member.
- Mississippi State public web site - We have continued to collect information from the interactive map to collect new provider information, as well as further refine the broadband map.

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

Broadmap LLC - We are currently reviewing other 3rd party data options, as well as reviewing the potential of using something like QoS Solutions or other wireless verification tools.
The Provider Portal validation and crowd sourcing/public web site verification has proved to be very effective in updating the broadband map's accuracy. We would love to hear more from NTIA on what they have heard or seen that was successful for other states on verification, so we can add them as options.

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

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

Broadmap LLC - We have released an enhanced version of the public interactive map that now includes the capability to collect Wi-Fi hotspots, which is in support of the Leading Practices activities.

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?

10.55

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

The Governor's Office has selected a new State Broadband Coordinator, whose hire date will be July 16, 2012.

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

11.55

10n. Staffing Table

Job Title	FTE %	Date of Hire
State Broadband Coordinator	100	07/16/2012
Broadband Assistant Coordinator / Counsel	50	01/10/2012
Federal Grants Coordinator	75	01/01/2010
Comptroller	30	11/01/2010
Program Manager	34	10/19/2009
Database and Requirements Engineer, Sr Web Designer	30	08/10/2009
Cartographic Specialist 1	17	08/31/2009
QC Specialist	3	03/22/2010
Data Sourcing Manager	16	11/30/2009
Sr. Quality Manager, Technical Project Manager	3	08/10/2009
Cartographic Specialist 2	15	02/22/2010
Cartographic Specialist 2	5	10/13/2009
Database and Requirements Engineer	1	08/10/2009
Sr. Director, Finance and Administration	1	10/05/2009
Regional Coordinator 3	100	07/16/2011
Coordinating Director	50	05/01/2011
Regional Coordinator 2	100	07/16/2011
Assistant Extension Professor	100	11/01/2011
Regional Coordinator 5	100	07/16/2011
Regional Coordinator 1	100	07/16/2011
Evaluator	25	11/01/2005
Regional Coordinator 6	100	07/16/2011
Regional Coordinator 4	100	07/16/2011

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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

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 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 to programs	N	Y	03/24/2011	12/31/2014	2,416,794	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
BroadMap, LLC	To develop a statewide comprehensive assessment and mapping of current broadband infrastructure in Mississippi	Y	Y	12/29/2011	12/31/2012	444,765	65,000
TBD	Additional mapping and data collection	N	N	01/01/2013	12/31/2014	590,440	0

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Funding

10p. How much Federal funding has been expended as of the end of the last quarter? **$2,983,488**   10q. How much Remains? **$4,028,203**

10r. How much matching funds have been expended as of the end of last quarter? **$649,104**   10s. How much Remains? **$1,222,878**

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	$449,491	$135,642	$585,133
Personnel Fringe Benefits	$289,578	$35,524	$325,102	$133,189	$35,524	$168,713
Travel	$45,000	$0	$45,000	$586	$0	$586
Equipment	$0	$130,000	$130,000	$0	$0	$0
Materials / Supplies	$2,000	$250,000	$252,000	$2,501	$250,000	$252,501
Subcontracts Total	$5,322,777	$65,000	$5,387,777	$2,397,721	$1,055	$2,398,776
Subcontract #1	$1,514,678	$0	$1,514,678	$1,435,940	$0	$1,435,940
Subcontract #2	$2,416,794	$0	$2,416,794	$624,486	$0	$624,486
Subcontract #3	$356,100	$0	$356,100	$169,690	$0	$169,690
Subcontract #4	$444,765	$65,000	$509,765	$167,605	$1,055	$168,660
Subcontract #5	$590,440	$0	$590,440	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$500,001	$795,300	$1,295,301	$0	$105,300	$105,300

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Total Direct Costs	$7,011,691	$1,411,466	$8,423,157	$2,983,488	$527,521	$3,511,009
Total Indirect Costs	$0	$460,516	$460,516	$0	$132,113	$132,113
Total Costs	$7,011,691	$1,871,982	$8,883,673	$2,983,488	$659,634	$3,643,122
% Of Total	79	21	100	82	18	100

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 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
Yearly renewal of the following:
ArcGIS Server License $12,500.00
ArcGIS ArcView License $1,350.00
Anchor Institution and Business Listing & Survey Data $15,000.00
Household Demographic Data $7,500.00
Educational Database $3,000.00
US Zip Code and Zip+4 data $5,000.00
Telco Exchange Boundaries and Central Office Locations $5,800.00
Wireless Coverage Patterns $7,000.00
Wireless Spectrum Holdings $2,000.00
Media Prints $1,000.00
Tower Data $2,000.00

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

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 already initiated and are moving into maintenance. For more details, please refer to the Q1 Supplemental Answers Document. We have also planed out the milestones for the addressing effort and have sent it to NTIA. Efforts are currently on hold until we receive approval from NTIA.

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.
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.
Update: Met with Brian Gibbons on the Addressing Proposal and currently submitting some additional information to provide more background on the proposal, as well as how it will benefit the broadband and other state programs.

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 feedback on the interactive map, where provider coverage displayed is being questioned by the public as it represents too generalized of a footprint (census block) or fiber isn't represented as a linear model, which would be more accurate. 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

Completed one hundred fifty-six events (156) including roundtables to discuss the state broadband plan, presentations regarding broadband-related topics, webinars, and educational workshops. Data gathered from the roundtables is being analyzed and a report outlining the key findings will be submitted to the governor's office during the 3Q. Staff presented at two conferences involving local elected officials about the importance of having a municipal online presence. Staff also participated in a training designed to help municipalities in MS build/strengthen their websites and incorporate online payment systems. Training was conducted by MSI, a group that has contracted with the State of MS. MSI representatives and e-BEAT staff co-presented at these two conferences. An MOU was signed between e-BEAT/MSU Extension Service and the MS library commission to educate staff and patrons on broadband applications. A survey was conducted to help identify educational needs of library staff and patrons. As a result, ten regional trainings are now scheduled between September 2012 and June 2013. The partnership with the Department of Employment Security to provide WINGS training is going well and is slated to expand during the 3Q. Coordinators presented an overview of the e-MDES/e-BEAT partnership at the MDES regional manager's meetings. Over eighty (80) small business owners participated in two workshops and one webinar regarding the use of broadband for small businesses. Similarly, over 500 people participated in workshops ranging from Facebook 101 to tablets & smartphone apps.

The Governor's Office is continuing to monitor activity and progress of Broadmap, MSU, and the MBCC.

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

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?

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
Regarding the difference between line 10q of the PPR and 10h of the SF-425, these amounts differ because of unliquidated obligations in the amount of $53,113. Broadmap expended $53,113 and requested reimbursement for the amount in Q2. However, the amount was not drawndown before the quarter ended.

Mississippi's match funds are not on target for this reporting period for a couple of reasons, some of which were only recently discovered. First, MSU's grant agreement does not accurately reflect their grant requirements under the final grant award submitted to NTIA. We are working to revise their funding plan, and be sure that their match will be met in the future. Second, the MBCC hosts a yearly broadband summit. This year's summit is scheduled for October 9th. It is expected to produce over $100,000 in match funds. This will begin to make-up for the lost match for last year's summit, which was a success, but nevertheless did not raise any money. We believe that there should still be funds which can be deemed as match funds, but are still trying to figure out those amounts. We will be submitting a revised planning narrative very soon, and possibly a request for revisions based on the needs we have experienced so far with the project. We are currently on track to meet all of our goals, as they were originally contemplated, and probably with less money than originally awarded.

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 Theresa Abadie	12c. Telephone (area code, number, and extension) X	
	12d. Email Address Theresa.Abadie@governor.ms.gov	
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 08-29-2012	