

05 April 2007

WV Statewide Addressing
and Mapping Board
Greenbrooke Bldg Suite 201A
1124 Smith Street
Charleston, WV 25301

RE: Monthly Status Report
Delivery Order: SAM0201. Project Manager in the Implementation of a Statewide Addressing and Mapping System.
Timeframe: 01 March 2007– 05 April 2007
Percent complete: 57.00% (Year 5)

Dear Mr. Chairman and Board Members:

Baker is now 57.00% complete with its Year 5 project work. Since the presentation of the last full monthly status report on 01 March 2007 in Charleston, West Virginia, the Project Manager (PM) has focused its energies on the following activities:

1. The PM Addressing Liaison Team conducted 61 meetings in the month of March. They met with addressing coordinators, finalized the few remaining county work plans, provided ongoing training on the WVSAMS, assisted with various confidentiality agreements, worked with prospective county vendors, sorted and delivered final leave behind cards (LBCs) for entry, worked with the USPS to begin postal conversion, and prepared ESN requests with Verizon.
2. The PM continues the WVSAMS software development. Having completed the street and site editing tools, the PM is now focusing development on TN matching tools, on support of GPS units, and extraction of shape files and more recently: site photos. Work this month also focused on developing attribute and spatial filtering functions on SAMS. Also work continues on implementing the TEAM datasets into SAMS, preparing data and information for the counties/liaisons/USPS, and clean-up and integration of the field collected data.
3. The PM development team has had to continue spending a time on system administration due to large ratio of users to CPUs and memory. The problem has been somewhat mitigated but with more and more usage each month we expect to again see system sluggishness if the additional hardware is not installed soon. Hardware should now be on-order through IS&C.
4. The PM has assisted the WVSAMS and WVDMAPS with consolidating its Oracle licenses. The PM Team has scheduled a meeting with Oracle for the afternoon of 05 April 2007.
5. The PM continues to prepare plot files and shape files for the counties.
6. The PM has maintained the SAMB Website (www.addressingwv.org).
7. The PM has attended several conferences including GITA and the Independent Oracle User Group (IOUG) North American Oracle Spatial Special Interest Group conference where a technical paper on the WVSAMS was delivered.

Not including 61 regular site visits conducted in March 2007 by the county liaisons, the PM has attended the following meetings:

1. 01 March Participated in E911 Council Meeting at Verizon.
2. 01 March Participated in Board Meeting at Verizon.
3. 15 March Participated in Board Meeting at Verizon.
4. 03 April Participated in E911 Council Meeting in Flatwoods, WV

Mapping

- The PM continues to populate the order tracking database, and to work with WVSAMB to track delivered data and sent/received (paid) invoices. To date, WVSAMB has received orders for data in excess of \$29,616. There was one new order this month.
- The PM had a discussion with a commercial data provider (Navteq), who expressed an interest in working with the board to update its product using the correct WVSAMB street names and address ranges. The PM brought this up at the 15 March meeting. The PM pointed to the potential benefits of such an arrangement, especially if it could be done at no cost to The State.
- Fielding various requests for data. See the rolling list below:

Agency/Organization	<i>Number of Tiles</i>	<i>Data Extent</i>	<i>Date Sent</i>	<i>License Included</i>	<i>Amount</i>
US CENSUS	Entire County	Putnam County	April 6	Y	N/A
USDA-NRCS	12	Various southern tiles	April 6	N	N/A
CAMP DAWSON	Entire County	Preston County	April 13	Y	N/A
DIGITAL GLOBE	Entire County	Jefferson County and Surrounding Area	April 18	Y	N/A
ACQUIS	Entire County	McDowell County	April 18	N	N/A
CMSDK GROUP	65	Jackson, Wood, and Wirt Counties	May 17	N	N/A
EL ROBINSON	22	Portions of Lincoln, Boone, Mingo, Logan, Taylor, Marion, Harrison, Preston, Barbour, Mineral, Grant counties	June 21	Y	\$2,650.16
REGION 1 PLANNING & DEVELOPMENT COUNCIL	4	Mount Hope (Fayette County)	June 21	Y	\$584.12
ENGINEERING PERFECTION, PLLC	10	Portions of Putnam and McDowell counties	June 23	Y	\$1,272.80
GEOONE MAPPING	4	Portions of Randolph County	June 23	Y	\$584.12
US CENSUS	Entire County	Putnam County	June 23	Y	N/A
URS CORPORATION	1	Tile of Lewis County	July 5	Y	\$239.78

Agency/Organization	<i>Number of Tiles</i>	<i>Data Extent</i>	<i>Date Sent</i>	<i>License Included</i>	<i>Amount</i>
WILBUR SMITH ASSOCIATES	1	Tile of Wood County	July 5	Y	\$239.78
EL ROBINSON	5	Tiles of Wood and Raleigh Counties	July 22	Y	\$698.90
GOOGLE	40	Samples of Morgantown and New River Gorge Area	July 25	Y	N/A
FOX ENGINEERING	2	Wood County	August 15	Y	\$354.56
SUMMIT ENGINEERING	1	Mingo County	August 24	Y	\$239.78
EL ROBINSON	1	Lewis County	August 26	Y	\$239.78
POTESTA & ASSOCIATES	5	Jefferson County	September 8	Y	\$698.90
SUMMIT ENGINEERING	5	Logan County	September 27	Y	\$698.90
US CENSUS	Entire State	Entire State	October 13	Y	N/A
FOX ENGINEERING	2	Jackson and Mason Counties	October 23	Y	\$354.56
FOX ENGINEERING	1	Jackson County	November 11	Y	\$239.78
EMPIRE CONSULTING, LLC	8	Raleigh and Fayette Counties	November 30	Y	\$1,043.24
EL ROBINSON	2	Putnam and Kanawha Counties	December 23	Y	\$354.56
POTESTA & ASSOCIATES	4	Hampshire and Berkeley Counties	December 22	Y	\$584.12
EL ROBINSON	2	Monroe County	February 3	Y	\$354.56
WV DEPARTMENT OF ENVIRONMENTAL PROTECTION	N/A	Greenbrier and New Watersheds	February 14	Y	N/A
FOX ENGINEERING	1	Jackson County	February 23	Y	\$114.78
MARSHALL MILLER & ASSOCIATES	43	Clay and Nicholas Counties	February 23	Y	\$5,060.54
WV DEPARTMENT OF AGRICULTURE	Entire County	Hardy County	February 27	Y	N/A
BUCKHANNON-UPSHUR REGIONAL AIRPORT AUTHORITY	5	Upshur County	March 1	Y	\$698.90
POTESTA & ASSOCIATES	2	Greenbrier County	March 23	Y	\$354.56
MARSHALL MILLER & ASSOCIATES	4	Raleigh and Summers County	March 27	Y	\$584.12
SUMMIT ENGINEERING	2	Logan County	March 29	Y	\$229.56
FOX ENGINEERING	3	Jackson County	April 21	Y	\$469.34
POTESTA & ASSOCIATES	4	Hampshire County	May 1	Y	\$584.12
WEST VIRGINIA DIVISION OF NATURAL RESOURCES	1498	Eastern Panhandle	August 10	Y	N/A
MARSHALL MILLER AND ASSOCIATES	354	Fayette and Summers Counties	August 28	Y	N/A

Agency/Organization	<i>Number of Tiles</i>	<i>Data Extent</i>	<i>Date Sent</i>	<i>License Included</i>	<i>Amount</i>
WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION	1074	Wayne, Monongalia, Tucker, Preston, Randolph, Ohio, Wetzel, and Brooke Counties	September 7	Y	N/A
MARSHALL MILLER AND ASSOCIATES	2	Greenbrier County	October 2	Y	\$354.56
BERKELEY COUNTY PLANNING COMMISSION	Entire County	Berkeley County	October 23	Y	N/A
TELEATLAS	Entire County	Kanawha County	October 20	Y	N/A
FOX ENGINEERING	1	Wirt County	October 16	Y	\$239.78
WEST VIRGINIA TAX DEPARTMENT	Entire County	Jackson County	October 20	Y	N/A
POTESTA & ASSOCIATES	4	Mineral County	October 31	Y	\$584.12
MOUNTAINEER GRADING	4	Putnam County	October 31	Y	\$584.12
WVU GIS TECH CENTER	Statewide	Statewide	November 7	Y	N/A
RTI	Statewide	Statewide	November 7	Y	N/A
WESTLAKE, INC.	1	Fayette County	November 7	Y	\$239.78
WEST VIRGINIA TAX DEPARTMENT	Entire County	Mingo County	November 14	Y	N/A
LOUIS BERGER GROUP, INC.	1	Grant County Evaluation	November 14	Y	N/A
POTESTA & ASSOCIATES	31	Greenbrier and Nicholas Counties	November 29	Y	\$3,683.13
AE ASSOCIATES	1	Grant County	March 27	Y	\$239.78
				TOTAL AS OF 01 APRIL	\$29,616.28

Coordination of County Addressing Activities

- Intensive work continues at the county level with 61 premise visits to individual County Addressing Coordinator locations since the last Board report of 01 March 2007. Liaisons attended 911 Council meetings and some were present for interim board meetings, schedules allowing. In addition to the 61 recorded personal visits, questions were fielded by telephone and by email.
- The PM continues to work with the counties to develop their county work plans, in accordance with information supplied by the PM’s work plan template. The PM is in receipt of **50** work plans at the time of this report.
- The County Addressing Liaison staff has NO recommendations for payment to additional counties for successful completion of Addressing Plans; however we anticipate receiving documentation from at least two counties in the next week that will result in recommendation for payment of the second 40% incentive payment.
- Productivity among the counties on the WVSAMS has increased exponentially in the past month, with over 10,000 entries, double that of February. New measurement tools are in place on the live site, and are accessible from the Administrative Tab.

System Development & Administration

- Development work on the tasks to automate the extraction of shape files is completed. Current work on the shape files is focused on uploading them for import into WVSAMS.
- Cleanup of the Field collected data provided with the final deliverable was completed and the data was uploaded into the system. Several counties requested this information for addressing contracts. The data was parsed and submitted upon request.
- Additional Attribute Filtering Capabilities have continued to be developed based on requests from Addressing Liaisons and the Counties. Several additional reports are now available under the "Reports" tabs on WVSAMS.
- Linear topology and relational attribute checks are continually being developed in order to search for anomalies such as incorrect ranging along streets or gaps.
- The Development Team continues to support both Counties and USPS to complete the postal addresses changes. Both Boone and Mason counties old/New Address lists have been submitted to USPS. The Development Team aided in this process by reconfiguring the county files to help USPS expedite the process. The knowledge gained will be used to create efficient old/new address list out of the WVSAMS.
- The PM reviewed the final parts list from IS&C for the additional WVSAMS hardware and software.
- Two more Conference Calls were conducted with RTI to discuss the use of RTI's system as an off-site backup location for the WVSAMS Master Database and Code. IS&C was involved in these calls and the plans are moving forward
- Development continues to aid with the data conversion process. The following functions are being developed: Street ranging tools; site address calculator for current sites; and anomaly reports.
- The PM has been asked to develop a method for extracting county-wide site photos along with available situs addresses from WVSAMS.

The PM wants to remind all of the stakeholders of this project that for any given step in addressing there are many methods that can be used to affect significant progress. Technology is an integral part of this project but it is meaningless without hard work and common sense. The PM liaisons will help counties (and their contractors) find the best approach to their unique situation while ensuring that The State's standards are met.

Thanks to the Board and please feel free to contact me any time at (304) 769-2115.

Sincerely,

MICHAEL BAKER JR., INC.

Joseph R. Seppi
Deputy Project Manager/Contract Manager

