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16 January 2006

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: 07 December 2006 – 16 January 2006
Percent complete: 33.00% (Year 5)

Dear Mr. Chairman and Board Members:

Baker is now 33.00% complete with its Year 5 project work. Since the presentation of the last full monthly status report on 07 December 2006 in Charleston, West Virginia, the Project Manager (PM) has focused its energies on the following activities:

1. The PM Addressing Liaison Team continues to meet with addressing coordinators, finalizing county work plans, providing initial training on the WVSAMS, and sorting and delivering leave behind cards (LBCs) for entry.
2. The PM has updated the Project Plan, which lays out guidance for the addressing project. This plan was first introduced in draft form on 12 July 2006.
3. The PM continues the WVSAMS software development. Having completed the street and site editing tools, the PM is now focusing development on to reporting and TN matching tools. Work this month also focused on revising and updating the LBC entry form, implementing the TEAM datasets into SAMS, preparing data and information for the counties/liaisons, and clean-up and integration of the field collected data.
4. The PM continues to prepare plot files and shape files for the counties. The PM has delivered Fayette, Randolph, Jackson, Lincoln, Mercer, Randolph, Roane, Summers, Wirt, Morgan, Marshall, Pendleton, and Logan counties. Plotting continues for Logan, Mingo, Mineral, Grant, Wyoming, Putnam, Hardy, and Hampshire counties. Shape files were created for Cabell, Kanawha, Lincoln, Raleigh, Wyoming, Roane, Wirt, Tucker, Preston, Monongalia, Marshall, Ohio, Brooke, Hancock, Pendleton, Mineral, Hardy, Hampshire, Berkeley, Jefferson and Morgan counties. Please see your addressing liaison if you wish to receive either of these files.
5. The PM has maintained the SAMB Website (www.addressingwv.org).
6. The PM has evaluated the hardware proposed by two vendors in response to SAM0602.
7. The PM has fielded data requests and the commercial data receivables.

The PM has attended the following meetings where it conducted SAMB business or outreach on behalf of the SAMB project since 10 June 2006:

1. 07 Dec Attended Board Meeting Verizon
2. 07 Dec Attended E9-1-1 Council Meeting Verizon
3. 7-Dec Tyler County
4. 11 Dec Marion County
5. 11 Dec McDowell County
6. 11-Jan Lincoln County
7. 11-Dec Logan County
8. 12 Dec Braxton County
9. 12 Dec Pendleton County
10. 12 Dec Webster County
11. 13 Dec Barbour County
12. 13 Dec Brooke County
13. 13 Dec Randolph County
14. 14 Dec Fayette County
15. 14 Dec Taylor County
16. 14 Dec Participated in PM conference call.
17. 15 Dec Gilmer County
18. 15 Dec Greenbrier, Summers and Monroe Counties
19. 15 Dec Lewis County
20. 16-Dec Jackson County
21. 18-Dec Calhoun County
22. 19 Dec Clay County
23. 19 Dec Marshall County
24. 19 Dec Mingo County
25. 21 Dec Board Meeting Conference Call
26. 21 Dec Kanawha County
27. 21 Dec Ohio County
28. 22 Dec Braxton County
29. 29 Dec Braxton County
30. 02 Jan McDowell County
31. 03 Jan Jackson County
32. 04 Jan Attended board meeting at Verizon.
33. 05 Jan Attended E9-1-1 Council meeting at Flatwoods.
34. 02 Jan McDowell County
35. 04 Jan Morgan County
36. 05 Jan Braxton County
37. 05 Jan Grant County
38. 09 Jan Pocahontas County
39. 09 Jan Tucker County
40. 11 Jan Greenbrier County
41. 11 Jan Hancock County
42. 11 Jan Lincoln County
43. 11 Jan Wirt County
44. 11 Jan Wood County
45. 12 Jan Monongalia County
46. 15 Jan Attended and sponsored the E9-1-1 Conference in Charleston, 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 \$25,400. There were no new orders this month.
- 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
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

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 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
WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION	1074	Wayne, Monongalia, Tucker, Preston, Randolph, Ohio, Wetzell, 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

Agency/Organization	<i>Number of Tiles</i>	<i>Data Extent</i>	<i>Date Sent</i>	<i>License Included</i>	<i>Amount</i>
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
					\$25,453.59

Coordination of County Addressing Activities

- Intensive work continues at the county level with 41 premise visits to individual County Addressing Coordinator locations since the last Board report of 7 Dec06. Liaisons attended 911 Council meetings and some were present for interim board meetings, schedules allowing. In addition to the 41 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 41 work plans at the time of this report.
- The County Addressing Liaison staff recommends Board consideration of payment to the following counties for successful completion of Addressing Plans:
Barbour, Berkeley, Boone, Braxton, Cabell, Clay, Fayette, Gilmer, Greenbrier, Hampshire, Hancock, Hardy, Harrison, Jefferson, Lewis, Lincoln, Logan, Marshall, McDowell, Marion, Mason, Mercer, Mineral, Mingo, Monongalia, Monroe, Nicholas, Ohio, Pleasants, Pocahontas, Preston, Raleigh, Roane, Summers, Taylor, Tucker, Wayne, Webster, Wirt, Wood, and Wyoming.
- The County Liaison team has constructed a training session to be held in conjunction with the programming staff. This session will be held at the WV E911 Council Annual Conference in Charleston on 16Jan and 17Jan, with the same session offered twice so that most attendees can take advantage of the training.

System Administration

- Development work on the tasks to automate the extraction of shape files. The shape file extraction scripting is 90% complete with only the old address table missing. The Data Specifications have been updated to reflect the current scheme. The final schema and Data Specification is anticipated to be completed over the next month.
- The Thales Unit was reviewed and field tested. The initial test was positive and a "real" world test in McDowell County was performed. The data from this second test is being process and an assessment will be available shortly.
- Development work to support the use of the field GPS Units is also proceeding. The schema to be used will be similar to the shape file where possible. Part of the development process includes the creation of a preliminary workspace such that as field data is uploaded to the system, it will be reviewed and approved prior to reconciliation to Master Database. This will allow for data cleanup prior to commitment of the data.
- Cleanup of the Field collected data provided with the final deliverable was completed and the

data was uploaded into the system. The newly created tables are being reviewed and appropriate forms will developed. This dataset includes Old Addresses; Field collected Addresses, PONO Cards Numbers, Owner Information, and Telephone numbers.

- Field collected data has been distributed to the Addressing liaisons to aid in acquisition of the creation of RFPs where appropriate. The data has been presented spatially to aid in determining the extent of field work performed as well as field work remaining. This information includes the PONO Cards, leave behind cards, Site Photos Locations, and Sites were addresses were collected by field personnel (old and possibly new).
- Additional Attribute Filtering Capabilities have been added to the search functionality for Sites and Streets. This allows for a reviewer to quickly find certain defined data anomalies such as UNKNOWN Street, UNAMED Streets, No House Number or No Street. This filtering is database driven and is available to system administrator via a form on the site. In this way future filters can be quickly deployed to support maintenance activities.
- Spatial Filtering Capabilities are being developed in order to search for anomalies such as incorrect ranging along streets or gaps.
- The Development Team has continued 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.
- Meetings were conducted with IS&C to facilitate the purchase of the production hardware for WVSAMS. IS&C prepared a Quote and the Development Team reviewed and commented. A 2nd Quote has been developed and reviewed.
- A Conference Call was conducted with RTI to discuss the use of RTI's system as an off-site backup location for the WVSAMS Master Database and Code. This initial call was to relay the capabilities of RTI to the Development Team and the specifications of the data to RTI. Follow meetings will be planned with IS&C involvement.
- IS&C was contacted and updated with regards to the use of RTI as a backup locations for the WVSAMS dataset. A future meeting with RTI, IS&C is anticipated.
- Development continues to aid with the conflation process. The following functions are being developed: Street ranging tools; site address calculator for current sites; and anomaly reports.

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