



VGIN Coordinator Report to the VGIN Advisory Board
October, 2010

VBMP Orthophotography

Information sessions for the 2011 western Virginia flyover were held in Abingdon, Roanoke, Staunton and Richmond the weeks of July 26 and August 2. Over 60 people attended in total, representing many of the localities covered.

In the last quarter the following products have been developed from the 2009 VBMP data and delivered to localities using the VBMP Sanborn contract:

- Structure planimetrics for the City of Fredericksburg
- 4-foot contours for Powhatan County

In addition, Loudoun County has used the VBMP contract to fly new imagery in 2010. These 1-foot orthophotos have been delivered and accepted by the County. 4-foot contours are nearing completion and will be delivered soon.

Planning is underway for the 2011 flight for western Virginia. Several localities have expressed interest in upgrades to 6-inch and 3-inch imagery. The National Geospatial Intelligence Agency (NGA) has indicated their intention to fund acquisition of 1-foot imagery in 5 areas of eastern Virginia in 2011 under their Urban Areas Imagery Program (UAIP). The areas include urban areas in Northern Virginia, Richmond, Virginia Beach-Hampton Roads, as well as Fort Pickett and Fort A. P. Hill. The NGA would cover the entire cost of 1-foot imagery (approximately \$278K), however localities could upgrade to higher resolution by contributing only the additional cost. For those localities not completely covered by the NGA area, local contributions can be used to extend coverage.

Professional services for Quality Assurance/Quality Control for the VBMP 2011 products will be procured under VITA's Information Technology Contingent Labor Program (IT Services Contract). Initial planning is underway within VGIN.

LiDAR

LiDAR data for Blacksburg collected by Sanborn in Spring 2010 have been delivered and accepted. The two large 2010 projects, Eastern Shore and USGS/ARRA, are on schedule for completion in early 2011. Data for pilot areas have been delivered for both projects and have passed review. Final processing of the remaining data is underway.

FEMA has indicated it intends to fund additional LiDAR acquisitions in eastern Virginia in 2011. Preliminary planning indicates that potentially 12 counties may be included, covering over 3,200 square miles. At this time the localities have not been identified by FEMA.

GIS Strategic Planning

Elevation FIAT

A draft inventory of existing and planned elevation data has been developed. A working group will finalize the inventory over the next quarter. Also, standards and best practices workgroups will start work over the next quarter. A LiDAR fact sheet will be developed in conjunction with the Education FIAT to provide a basic understanding of LiDAR to the general public.

GIS Education Workgroup

A webex and conference call were held on September 21 after calls went out for volunteers to participate. Meeting notes are posted on the website at <http://www.vita.virginia.gov/isp/default.aspx?id=12148> Board members Stan Hovey and James Wilson along with John McGee are leading this effort with support from VGIN.

GIS Clearinghouse Workgroup

A webex and conference call were held on August 18 after calls went out for volunteers to participate. Three different perspectives were shared that relate to the technology and processes that could be considered for a clearinghouse. The next steps involve developing Use Cases for local government, state government, and the private sector. From these a good sense of business requirements will be identified.

Road Centerline - RCL

VGIN's 3rd quarter Road Centerline release went out on September 22 as scheduled.

Additionally, VGIN has initiated testing of new software data conflation tools from our primary vendor ESRI. These new software tools and a data model replication scheme shared with VDOT will enable more efficient data editing and version control between the two agencies. Locality road centerline data will continue to be collected in the same manner, but editing will be accomplished with the new tools.

Virginia GIS Conference

The Virginia GIS Conference was held on September 20th at the Glen Allen Cultural Arts Center. Commonwealth CIO Sam Nixon gave a keynote presentation. Conference organizers were VAMLIS, VAPDC and VGIN. Feedback has been positive on the

format, the price and that efforts were made to reduce the scope and duration of the conference due to the difficult budgetary times faced today.

Broadband Mapping

The National Telecommunications and Information Agency (NTIA) announced on September 27 the award of grants for Broadband Mapping for an additional three years beyond the current award period. [Click here](#) for the press release from NTIA. The Center for Innovative Technology (CIT), the designated entity for Virginia, was awarded \$5.8 million dollars. VGIN is one of the partners with CIT. Look for more information to come from the Governor's office.

Round Two of the Virginia broadband mapping data submittal will be submitted on October 1, 2010.

Senate Bill 549 – Network for Geospatial Health Research

The final form of the bill that was passed by the General Assembly and signed into law by the Governor required the Secretaries of Health and Human Resources and Technology to “evaluate opportunities for developing a network for geospatial health research”. VITA (VGIN) is working with the Virginia Department of Health to represent the two Secretariats in this effort. The primary impetus of the collaboration is to evaluate opportunities for collaboration between these Secretariats, non-profits, and institutions of higher education. The bill mandates *the Secretaries of Health and Human Resources and Technology shall report their findings to the Governor; the Senate Committees on Education and Health, Finance, and General Laws and Technology; and the House Committees on Appropriations, Health, Welfare and Institutions, and Science and Technology no later than December 1, 2010.*

This quarter's activities have to develop and release an investigative survey that was sent to all potential university partners involved with geospatial and health programs. Survey results will be published and summarized in the final report. In addition, the draft outline of the report has been created. Next the findings and conclusions will be compiled and submitted by VDH and VITA to meet the December 1 deadline.

VGIN Coordinator Report

Miscellaneous

Oblique imagery for the 5th Congressional District

VGIN organized Pictometry training for state agency users that were interested in receiving and using the data. The training classes were held over a one and a half day period at the VCU GIS lab in Richmond and were well attended.

National States Geographic Information Council (NSGIC)

VGIN Coordinator Dan Widner received a conference grant from NSGIC to attend the annual conference in Minneapolis, MN. He gave presentations on Virginia's Broadband Mapping and Virginia.gov portal.

VGIN Position

The Geospatial Projects Manager position continues to be on hold until further notice.