



VGIN Coordinator Report to the VGIN Advisory Board
April, 2010

2009-2012 VBMP Orthophotography

Since last quarter's delivery of the 2009 orthophotography for Eastern Virginia, the VBMP orthophotography program has been busy with:

- Obtaining fixes for a few warranty issues from the 2009 flight. These entail minor blemishes or data gaps on a few dozen of the 30,000+ tiles.
- The Nature Conservancy, the University of Virginia's Long Term Ecological Research (LTER) program, and the U.S. Geologic Survey are funding a Lidar acquisition for the Eastern Shore utilizing the VBMP Sanborn contract. Data will be accessible in the public domain when completed.
- Issuing of a work order for an off-year flight (2010) for Loudoun County to acquire 6-inch imagery and 5-ft contours.
- Issuing of a work order for 4-ft contours for Powhatan County using the 2009 imagery.
- Blacksburg is acquiring Lidar this spring through the VBMP Sanborn contract
- Web services for the 2009 imagery are available, in both true color and color-infrared, with both renderings in two projections - Virginia Lambert and WGS84 Web Mercator versions.

Planning for the 2011 Western Virginia flight will begin this quarter.

Road Centerline - RCL

Most recent quarterly release of RCL went out March 10, 2010. Updates for forty (40) localities and all nine (9) VDOT districts were included in this release.

VDOT and VGIN will be hosting ESRI professional services in the month of April to help implement the proposed changes identified in their assessment from summer 2009. These changes are necessary to more closely integrate the two road centerline data models to facilitate true integration.

The Northern Virginia Regional Routable Road Centerline project for emergency response, managed by Fairfax County, continues to make progress. A one year extension request for the PSAP grant is being prepared by Fairfax to ensure quality and completeness in the deliverables. It is anticipated that this effort will serve as a re-usable model for other regions in the Commonwealth, and that it will improve the overall capabilities for the users of the RCL in public safety and beyond.

VGIN Five Year GIS Strategic Plan

Post-plan development activities are underway to define next steps, processes and prioritization. See Board presentation materials for more detail.

GRANT ACTIVITIES

Broadband Mapping

The National Telecommunications and Information Administration (NTIA) awarded Virginia \$2.3 million for broadband mapping. See the [press release](#) from the NTIA. The Center for Innovative Technology was designated by the Governor's Office as the lead entity with heavy involvement by VGIN. Work activity by VGIN staff will be ramping up in the second quarter of this calendar year.

LiDAR

The USGS will be performing the scope of work as proposed by VGIN in our grant application for Lidar collection, totaling approximately \$500,000. In addition, USGS is adding additional jurisdictions to complete coverage for much of the Virginia Chesapeake Bay area. Currently planned coverage includes Surry, Isle of Wight, Suffolk, Mathews, Gloucester, Middlesex, Lancaster, Northumberland jurisdictions, with possibly three more jurisdictions being added by USGS. See Board presentation for more details.

2010 FGDC CAP Grant

VGIN was not awarded the CAP Grant for the Return On Investment proposal submitted to the FGDC for the VBMP orthophotography program. However, formally documenting the savings the Commonwealth has achieved by having a centralized, statewide orthophotography acquisition program remains an important task on the VGIN "to do" list.

Virginia.gov website

VGIN is working with VITA Communications, Enterprise Applications and Virginia Interactive to integrate GIS and leverage available GIS data into the redesigned Virginia web portal. The mapping piece of this effort is coming along nicely. A final draft of the web page should be available in May 2010, with a June rollout expected.

Miscellaneous

VGIN is hosting two web mapping applications for other entities. These are:

- Department of Conservation's "[Virginia Trails and Routes](#)" application for DCR's Trails Program
- [The Virginia Rural Health Data Portal](#) application

Pictometry received federal funding to provide their oblique imagery product for public safety purposes covering the entire 5th US Congressional District. Data will be available to all the localities in the 5th District as well as state agencies. VGIN provided VBMP digital terrain model data to improve the 3-D capabilities of the product. We will also be coordinating state agency access to the Pictometry data. Image acquisition is to be completed this spring by Pictometry.

VGIN Coordinator Report

New VGIN Advisory Board Appointees

I have been notified by the Speaker of the House of Delegates office about changes to appointees to the Board.

- Delegate Salvatore Iaquinto is no longer serving the Board
- Delegate Richard L. Anderson is appointed for a term coincident with his elected term
- Delegate L. Scott Lingamfelter is appointed for a term coincident with his elected term
- Delegates Beverly J. Sherwood and David L. Englin are re-appointed for a term coincident with their elected term

VGIN Position

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