



VGIN Coordinator Report to the VGIN Advisory Board  
October, 2008

**2006/2007 Orthophotography**

Data has been delivered to all jurisdictions and has been made available to all state agencies. For more information about the 2006/2007 imagery visit our website at <http://www.isp.virginia.gov/vbmporthophotography.shtml>

**2009 Orthophotography Request For Proposals**

The RFP for the 2009/2011 aerial imagery acquisition has closed and is under review. Highlights of this RFP's requirements include:

- Request a digital solution (versus film based products of the past)
- Request pricing for several levels of resolution (e.g. 2', 1', 6")
- Institute a two year, half state cycle of imagery acquisition, with half the state captured starting in 2009 and the remainder in 2011
- Offer a "cafeteria style" suite of optional upgrades that include color IR, contours, structures and other products that could be contracted through this vehicle.

We are on schedule to have a vendor selected and a negotiated contract by end of November or early December of 2008.

**2008 National Aerial Imagery Program (NAIP) – USDA Farm Services Agency**

In the April Coordinator Report, information was shared about the federal acquisition of summer, "leaf on", one meter resolution orthophotography. Acquisition was completed and we are now receiving the first of two deliverables, the "Compressed County Mosaics" (or CCMs). The CCMs are delivered per county and have minimal quality assurance, providing a quick method to view the imagery. The final, more rigidly quality controlled deliverables of the individual tiles or "quarter-quads", will be arriving incrementally over the next 9-12 months. VGIN will be making all of these public domain data available for download via FTP.

The one meter resolution, color infrared product can help, for example, determine forest health conditions and assist in the detection of wetlands. The ground control from the VBMP ortho program was utilized to enhance the accuracy of the final product, adding further value and quality. The total cost of the 2008 NAIP, \$740,246, is covered primarily by the USDA, with Virginia providing \$90,000 plus the VBMP control points. Commonwealth support is being provided by the Department of Forestry, the Department of Transportation, and VGIN.

**Strategic Planning**

The VGIN planning process for the development of a 5 year Strategic Plan for GIS in the Commonwealth was delayed through the summer due to the effort required to develop the orthophotography Request For Proposal. Now that the RFP is complete we are in a position to refocus upon this important task. To restate, the plan's vision is that it will be driven by the capture and identification of stakeholder needs across the Commonwealth. The intended goals and objectives will be to a) establish a maintainable state spatial data infrastructure for all framework base map layers and b) identify commonly used and needed enterprise geospatial services and tools that will promote efficiencies and economies of scale. In addition, tactical level pathways for achieving these goals and objectives will be identified. Multiple opportunities for outreach and input will be established to all sectors of stakeholders utilizing interviews and multiple forms of media outreach.

**Road Centerline (RCL)**

VGIN has negotiated a data exchange and license agreement with Navteq Corporation, one of the leading commercial data providers of transportation and navigation data. The agreement was sought to address the currency discrepancies between Virginia RCL data and Internet mapping sites, and to provide a source for routing attribution we can incorporate into the RCL. Over the course of the next two years Navteq will be adopting Virginia RCL data within their commercial dataset. All Virginia state and local government (higher ed not included) will have access to the licensed commercial Navteq data through VGIN. Local governments that provide regular updates to the RCL will receive Navteq data. The Navteq/VGIN coordination effort will begin in the last calendar quarter of 2008.

**National Hydrography Data (NHD)**

VGIN is entering into a Memorandum of Understanding with the US Geological Survey for stewardship of the NHD. VGIN has coordinated the effort along with DCR, DGIF, DEQ and DOF. VGIN will provide coordination and administration of the agreement while the participating agencies contribute the important technical data maintenance.

**Staff Changes**

Sam Hall has left VGIN to accept a position with the US Department of Transportation. VGIN appreciates Sam's efforts while at VGIN and we wish him the best in his new endeavors.

**National States Geographic Information Council (NSGIC)**

VGIN Coordinator Dan Widner was elected to a one year term on the NSGIC Board of Directors.