



VGIN Coordinator Report to the VGIN Advisory Board
January 6, 2014

VBMP Orthophotography RFP

The 2013 VBMP Orthoimagery began locality deliveries on September 23, 2013. Since then 26 localities have been delivered in the eastern half of the Commonwealth with all deliveries scheduled to be completed by the end of January. VGIN will be notifying localities as their jurisdictions are completed and sharing that information as it becomes available. Data will be delivered in Geotiff and MrSid format and metadata will be provided. VGIN will be following up with localities during the first quarter of 2014 to see if a mosaic of the locality or surrounding locality imagery is needed.

Work has also begun on the upgrades purchased by localities. These upgrades include contours, impervious surfaces, enhanced land cover, and structures planimetrics. Additionally, VGIN has worked closely with the VITA Regional Outreach Manager in the 4th quarter of 2013 to assess the use of VBMP imagery in locality PSAPs. Further analysis of the benefits/challenges of the use of orthoimagery in public safety will be a continued effort in 2014.

Road Centerline - RCL

VGIN's 4th quarter of 2013 Virginia Base Mapping Program's Road Centerline (RCL) data product was released on November 19, 2013. 42 localities were updated this quarter with over 10,200 road segments either updated or added. This updates the road centerline segment count with over 614,600 segments of which 606,284 are named road segments.

In January 2014, VGIN will receive a VDOT data submission based upon VGIN's geometry and locality attribution processed by VGIN with updated VDOT business data. It also reflects the large efforts being put forth by VDOT to harmonize their managed data with the state's RCL data.

Point addressing is a priority for ISP-VGIN and this data collection continues to grow with 20 localities providing 8000 new address points this quarter in addition to updated addresses. To date VGIN has obtained 3,439,415 point addresses from 135 of 139 communities in the Commonwealth. The point addressing is based on property parcel center, building footprint, or driveway/doorway access point. This data product brings greater accuracy for geo-locating addresses and will be invaluable for supporting Next Generation 9-1-1. See the web map on the GIS Clearinghouse reflecting the statewide RCL and address point efforts <http://vgin.maps.arcgis.com>

Administrative Boundaries Work Group

A teleconference discussing latest developments for the Administrative Boundaries workgroup was held in November. VGIN is continuing to work internally to develop processes for a statewide boundary dataset, its update and maintenance processes, and a corresponding statewide data standard. We continue to receive feedback from US Census, Commission on Local Government, and VITA Data Governance about our work to date. An example of previous boundary changes that are received and processed by the Commission on Local Government can be seen at <http://vgin.maps.arcgis.com>

Parcels Work Group

The Parcels Work Group held its second WebEx conference in December. A parcel data use policy and a draft standard were presented to the group. These reflect results from our research into similar efforts by other states. Also presented were the current results of the 2013 parcel inventory process. Contributed parcel data layers are being posted to the Parcels Group on the Virginia GIS Clearinghouse. A web map has been created to communicate the status of the inventory and provide links to available data <http://vgin.maps.arcgis.com> Work on an aggregated statewide parcel layer will begin in the first quarter of 2014.

Virginia GIS Clearinghouse

VGIN staff has met with 8 of the 16 state agencies that reported spatial data layers ownership and creation. The Virginia GIS Clearinghouse has established links with four state agencies (Forestry, DEQ, VDOT, and VOF) who are now sharing data via the Clearinghouse, and several more are expected to follow. A “Getting Started” document has been prepared to help state agencies and local governments join the networked Virginia GIS Clearinghouse structure, either by sharing data from their independent ArcGIS Online organizations or by direct membership in the VGIN ArcGIS Online organization. Several web maps have been added to the home page of the Virginia GIS Clearinghouse <http://vgin.maps.arcgis.com> to provide users with updates on the status of framework data layers in Virginia.

Broadband Mapping

Recent milestones for Broadband Mapping include:

- Completion of a statewide Digital Surface Model (DSM) using existing LiDAR data and the VBMP Digital Terrain Model dataset. Next steps include working with the Virginia Tech team to host this data as a web service using their GARDEN node.
- The web based “Broadband 3D Viewer” application was completed and delivered in December. It will assist with potential wireless broadband tower placement, line of sight and point to point corridor analysis, providing decision makers and planners with some visualization tools to assist business decisions related to wireless broadband infrastructure development.

Freedom of Information Act (FOIA) Council

Discussions with FOIA Council and GIS stakeholders continue on Code of Virginia language pertaining to GIS surcharges allowable under the FOIA (§ 2.2-3704). At this time, any potential changes to the Code will be part of a larger FOIA Code update undertaken by the FOIA Council. In the interim, a “GIS Guidance” reference document will be collaboratively prepared for utilization by the FOIA Council to help educate and answer the many questions surrounding GIS and FOIA.

VITA ISP facilitated three FOIA educational meetings conducted by FOIA Council Director Maria Everett. These sessions are directed towards GIS and 9-1-1 staff in local and state government. Additional regional meetings will be held after the General Assembly session concludes in 2014.