



VGIN Coordinator Report to the VGIN Advisory Board
April 2013

VBMP Orthophotography RFP

The Virginia Base Mapping Program's Orthophotography program has begun its fourth acquisition cycle, collecting the eastern half of Virginia in the spring of 2013.

A review of the RFP process and a status update of the 2013 acquisition will be provided at the Board meeting.

Road Centerline - RCL

VGIN's 1st quarter 2012 Virginia Base Mapping Program's Road Centerline (RCL) release is scheduled for release on 21 March 2013. 43 localities and VDOT district data were updated this quarter which calculates to over 10,000 road segments either updated or added.

Point addressing continues to be a priority for ISP-VGIN. To date VGIN, with assistance from ISP Regional Coordinators, has obtained point addressing from 134 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 events and invaluable for emergency response situations.

Products are released to VA localities, VA state agencies, Regional Planning District Commissions, private sector navigation companies and Virginia Utility Protection Service.

2013 VGIN Work Plan

VGIN has developed – along with our sister division Public Safety Communications – a work plan to help guide our efforts for 2013. More details will be presented at the April Board meeting.

ISP Outreach Flyers

VGIN and Public Safety Communications divisions of VITA's Integrated Services Program (ISP) have created several "outreach flyers" that describe some of the core services that we offer to our constituents. We plan to utilize these at a series of ISP informational outreach sessions to be held in April and May. Copies will be included in the Board packets.

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ISP Outreach Meetings

A series of regional outreach meetings will be held across the state in April and May. The purpose of these meetings will be to provide an overview of the VGIN, Public Safety Communications and ISP programs and services and to introduce new/existing regional coordinators. The VGIN Coordinator, the Public Safety Communications Coordinator and the local Regional Coordinator will be in attendance and leading the discussions. As of this writing, the following sessions are planned:

- Isle of Wight ISP Region 5 4/24 1PM – 3 PM
- Richmond ISP Region 1 4/25 10 AM – Noon
- Abingdon ISP Region 4 4/30 10 AM – Noon
- Roanoke ISP Region 6 5/1 10 AM – Noon
- Appomattox ISP Region 3 5/2` 10 AM – Noon

Once the Regional Coordinator positions are filled for Culpeper and Northern Virginia we will schedule similar meetings in those locations.

Broadband Mapping

The broadband mapping team recently submitted the spring Virginia broadband provider data to the federal NTIA. The collaboration with CIT and Virginia Tech continues to provide grant funded opportunities for VGIN and the Commonwealth.

- A Digital Surface Model (DSM) has been created for the areas of the Commonwealth using existing LiDAR data. Developing the remainder of the state is proving more difficult than anticipated and we are currently researching our options. This planning dataset will primarily be utilized for wireless broadband propagation analysis by Virginia Tech but it also serves other existing and future base mapping needs.
- A web based 3 dimensional viewer is being developed to assist in potential wireless broadband tower placement. The intent is to provide decision makers and planners with some visualization tools to assist business decisions related to wireless broadband infrastructure development. Utilizing the Digital Surface Model as a basis, the VBMP orthophotography and other GIS data will be viewable in a 3D scene, providing a rich and informative interactive user experience.
- The Center for Innovative Technology (CIT) has been given the go ahead to proceed with the Native American broadband mapping project. With assistance from Native American Capital, the Virginia broadband mapping team of VGIN and Virginia Tech, the project will focus on all federally recognized tribes across the country to provide broadband mapping assistance where it is needed and requested. VGIN is providing to the project the skills and expertise developed for Virginia's broadband mapping project. The total grant allocation for the project is \$1.2 million.

GIS for Transportation Symposium

In May the VGIN Coordinator will be co-instructing with the Federal Highways Administration on a workshop entitled “Requirements and Best Practices for Meeting New Map-21 Complete Networks for HPMS”. This came about through our association with national efforts to standardize transportation base mapping at the state and federal level. The Virginia model of using locality/911 data aggregated to the state level along with state DOT information will be highlighted along with several other states that have been pursuing a similar path. The Highway Performance Monitoring System (HPMS) is overseen by the state DOT and is a key highway information system that is a large driver in transportation federal aid to the states. Successful collaboration with VGIN and VDOT on the state’s RCL data has been a key component to Virginia’s success with the RCL.

Freedom of Information Act

VGIN has received some inquiries for assistance and clarification about FOIA as it relates to GIS data. We also have found that some confusion still exists about how FOIA applies to the VBMP products and GIS data. As a result, the Integrated Services Program of VITA has reached out to the FOIA Council to discuss:

- GIS Data, map products
- Virginia Base Mapping Program data
- PSAP databases: audio (911 calls) and digital data

US Census Pilot Project

Virginia is participating in a US Census pilot project that will be utilized to design the data inputs for the next decennial census in 2020. The geographies of Bedford, Roanoke City and Roanoke County were provided with the consent of the localities, to the US Census for testing. Data includes the RCL, Address Points and Parcels. More information about the Census project can be accessed at Census GSS-I Main Page: <http://www.census.gov/geo/www/gss/>