VGIN Coordinator Report to the VGIN Advisory Board
October 2013

VBMP Orthophotography RFP
Deliveries of the 2013 VBMP Orthoimagery have begun with the first deliveries – Farmville, Hopewell and the Eastern Shore (Accomack and Northampton) arriving at the localities by the end of September. We are anticipating a busy fall with at least 10 localities to be delivered in each of the months of October, and November. Localities can expect to be delivered somewhat relative to the order that they were flown. For instance more southern localities and localities with resolution upgrades can expect an earlier delivery while more Northern localities were flown later and will therefore be delivered later in the schedule.

VGIN will be notifying localities as they are completed and sharing that information as it becomes available. The production and quality control processes are complex subtle adjustments can impact the schedule. Localities are encouraged to stay in touch with your Regional Coordinator as they will have access to the delivery schedules and any changes/updates.

Data will be delivered in Geotiff and MrSid format. VGIN will be following up with localities by email to see if any of the following is needed: mosaic of locality, surrounding locality data, etc.

Road Centerline - RCL
VGIN's 3rd quarter 2013 Virginia Base Mapping Program's Road Centerline (RCL) was released September 4, 2013. 39 localities were updated this quarter which calculates to over 12,000 road segments either updated or added. A new VDOT data submission was received late in the quarter and is being worked on for the next quarterly submission.

Point addressing continues to be a priority for ISP-VGIN. To date VGIN has obtained 3,431,530 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.

Administrative Boundaries Work Group
Stemming from the GIS Strategic Plan, VGIN has initiated a new work group to analyze the current state of Commonwealth administrative boundary datasets. Through a process

of discovery this workgroup has identified key stakeholders and documented the known processes for boundary changes, identified potential dataset maintenance issues, is identifying any future resource issues, and considering any appropriate standards and best practices for and usage of administrative boundary datasets. See Work Group Charter and VGIN Board Presentation for more detail.

Parcels Work Group
Also stemming from the GIS Strategic Plan, a Parcels work group has been established to create a process that will lead to a statewide parcel base map data set. Though a locally owned and managed dataset, there is a business need to have available parcels at the statewide level. See Work Group Charter and VGIN Board presentation.

Broadband Mapping
The broadband mapping team recently submitted the fall 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 statewide Digital Surface Model (DSM) is being created for the Commonwealth using existing LiDAR data and the VBMP Digital Terrain Model dataset. Delivery to VGIN is expected in the October timeframe. This planning dataset will primarily be utilized for wireless broadband propagation analysis but it also serves other existing and future base mapping needs for the Elevation base mapping layer.
- The web based "Broadband 3D Viewer" to assist in potential wireless broadband tower placement, line of sight and point to point corridor analysis will be available by November. The intent is to provide decision makers and planners with some visualization tools to assist business decisions related to wireless broadband infrastructure development.
- The Native American broadband mapping project is underway. With participation by CIT, Native American Capital, Virginia Tech and VGIN, 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.

Freedom of Information Act Council
The VGIN Coordinator provided a presentation at the last FOIA Council meeting on September 12 to discuss Code of Virginia language pertaining to GIS surcharges allowable under the FOIA (§ 2.2-3704). The language in Code was created in 1987 and needs updating. Background on the technological changes related to GIS was provided so that the Council could make an informed decision about whether or not to modernize the language. The action item from the meeting is that VGIN will work with a sub-group of the FOIA Council to come up with suggested language changes.

VGIN Work Plan
In conjunction with VITA's Integrated Services Program, VGIN has updated our 2013 Work Plan and have created a 2014 Work Plan. Details will be shared at the Board meeting.

Data Standards
One of the work plan tasks is to identify the process for creating formal GIS data standards for statewide base mapping data. A key business driver for this effort are the needs of Next Generation 9-1-1, which relies upon GIS data for sending first responders to emergencies.

As an initial part of this process, VGIN will exercise the Administrative Boundaries and Parcel data through the data standardization process. Subsequent priorities will be focused on other NG9-1-1 needs and all base mapping layers.