



VGIN Coordinator Report to the VGIN Advisory Board
July 2015

VBMP Orthophotography

Spring flights of the western half of the state and additional upgrade flights were all completed and are now being processed by our contractor Sanborn.

Summary statistics for 2015 flight:

- 22,576 base one foot resolution photo tiles
- 5,382 six inch resolution photo tiles
- 3,085 three inch resolution photo tiles

In addition, contours, structures, planimetrics, impervious and LiDAR products are being developed as upgrades for selective jurisdictions.

Total value for 2015 base ortho product: \$447,606
Total value for 2015 upgrades products: \$899,979

Resolution upgrade imagery will be delivered first followed by the one foot base product with completion by the end of the calendar year.

Road Centerline – RCL and Address Points

VGIN's 2nd quarter of 2015 Virginia Base Mapping Program's Road Centerline (RCL) data product was released the end of June, 2015. 95 localities were updated this quarter.

The last VDOT data submission received was in June of 2014 with the next submission from VDOT planned for summer 2015. VGIN still supplies VDOT with current road centerline geometry and addressing on a quarterly basis.

The VBMP Address points: All 137 communities in the Commonwealth are now collected. The point addressing is based primarily on building footprint, property parcel center, or driveway/doorway access point. This data product feeds the VGIN Geocoding web service, brings greater accuracy for geo-locating addresses and will be invaluable for supporting Next Generation 9-1-1.

Road Centerline Data Standard

Two statewide webinars have been held as a collaborative effort to formally establish a Road Centerline data standard. Meeting materials are accessible via

<http://www.vita.virginia.gov/isp/default.aspx?id=6442473643>

The objective is to follow the process established by the Administrative Boundaries data standard to formally create the Road Centerline data standard, with final sign off by the CIO of the Commonwealth.

New Basemapping Services

Thanks to locality participation, VGIN has released four new web services for statewide base mapping data access:

- Address Points - statewide
- Parcel Data (geometry and parcel ID) – 124 jurisdictions
- Building footprints (geometry) – 93 jurisdictions
- Road Centerlines - statewide

These services are available to GIS users via:

http://gismaps.vita.virginia.gov/arcgis/rest/services/VA_Base_layers

Land Cover Data

WorldView Solutions Inc. was awarded the contract through the state IT Services contract. Total contract value is for \$1,872,900. The completion schedule is:

- Pilot areas August 2015
- Chesapeake Bay Watershed March 2016
- Entire state December 2016

An informational webinar is being planned for this summer.