



VGIN Coordinator Report to the VGIN Advisory Board
April 2015

VBMP Orthophotography

VGIN and our contractor Sanborn have begun flights for the spring 2015 acquisition of the western half of Virginia (see graphic below).

The cutoff date to submit locality upgrade requests was January 1, 2015. VGIN received formal commitments from 31 localities for resolution upgrades for 2015. To date we have completed the flights for all 6 inch upgrade areas and all 3 inch upgrade areas except Alexandria and Arlington. We began flying the one foot imagery this week and have acquired 589 one foot images in southwest Virginia. Please see below for listing of upgrading localities. The value of resolution upgrades for 2015 is \$439,449.52.

3-inch: Alexandria, Arlington, Front Royal, Warren county, Harrisonburg, Rockingham, JMU, Roanoke City, Lexington, Staunton

6 inch: Richmond City, Henrico, Abingdon, Scott, Pulaski, Wythe county, Wytheville, Lynchburg, Campbell, Bedford, Glasgow, Montgomery, Christiansburg, Liberty Univ., Salem, Danville, Galax, Bristol, Washington Co.

1 foot: Orange, Stafford

Road Centerline – RCL and Address Points

VGIN's 1st quarter of 2015 Virginia Base Mapping Program's Road Centerline (RCL) data product is scheduled to be released end of March, 2015. 61 localities were updated this quarter with over 8163 road segments updated. Of these updated road segments over 837 are new road segments. This updates the overall VBMP road centerline segment count to over 620,000 road segments of which 615,311 are named road segments.

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 the most up to date road centerline geometry and addressing on a quarterly basis.

The VBMP Address point dataset is a priority for VGIN and this past quarter continues VGIN'S state-wide collection data sweep. To date VGIN has obtained over 3,521,000,

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point addresses from 136 of 137 communities in the Commonwealth (Colonial Heights data is in development). 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.

New Services

VGIN is testing two new web services for release in the near future:

- Statewide Address Points
- Statewide Parcel Data

Both of these services will contain available geometry along with a minimum set of attribution.

Land Cover Data

As of this writing the Statement of Requirements is active and open for bid through the state IT Services contract. The proposed completion schedule is:

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

3D Elevation Program (3DEP)

Quality Level 2 LiDAR will be acquired this spring for the Virginia Eastern Shore, with funding coming from DEQ, UVA and the USGS.

2015-2020 GIS Strategic Plan

Final GIS Strategic Plan will be presented to the VGIN Board for endorsement at the April 2015 meeting.