global positioning system (ABGPS) and an inertial measurement unit (IMU.) GPS base stations must also be utilized.

4. Aerotriangulation of aerial photography for subsequent break line compilation, quality control of LIDAR data, orthophoto generation, and planimetric compilation.
5. Filtering/data-editing of LIDAR mass points.
6. Photogrammetric quality control of LIDAR data and addition of break lines.
7. Orthophoto generation.
8. Quality review and assurance of all products.
9. Delivery of final products to VDOT.