

The following table lists the deliverable, file format, and maximum file size for projects utilizing LIDAR. All VDOT projects utilizing LIDAR will be restricted to the following digital file formats and maximum sizes.

<u>Deliverable</u>	<u>File Format</u>	<u>Maximum File Size</u>
<i>Digital Terrain Model</i>	3D Microstation (Break lines and points)	50MB
<i>Contours</i>	2D Microstation - Contour interval as required. - Provide edge-to-edge match between “cut” contour files, No Overlap	100MB
<i>Planimetrics (When required)</i>	2D Microstation - Provide edge-to-edge match between “cut” planimetric files, No Overlap	50MB
<i>Orthophotos (When requested)</i>	Un-tiled GeoTiff (.tif and .tfw) <OR> Descartes (.hmr) - Provide edge-to-edge match between “cut” orthophoto files. No Overlap - File format will be determined by the project manager.	500MB
<i>Index</i>	2D Microstation - File indicating the area of coverage and filenames for all files/sheets in each deliverable category.	50MB[◊]

Note: When cutting data to meet file size specifications, it is important to use the same-sized “shape” throughout the project to create each block of cut data (i.e. rectangle, square, etc.)

Sec. 5.17 Image Processing

Image Processing can be defined as the editing, manipulation, and modification of imagery in order to prepare the imagery for subsequent use. For VDOT use, imagery can be processed for numerous applications within Location and Design as well as many other divisions. Such

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