

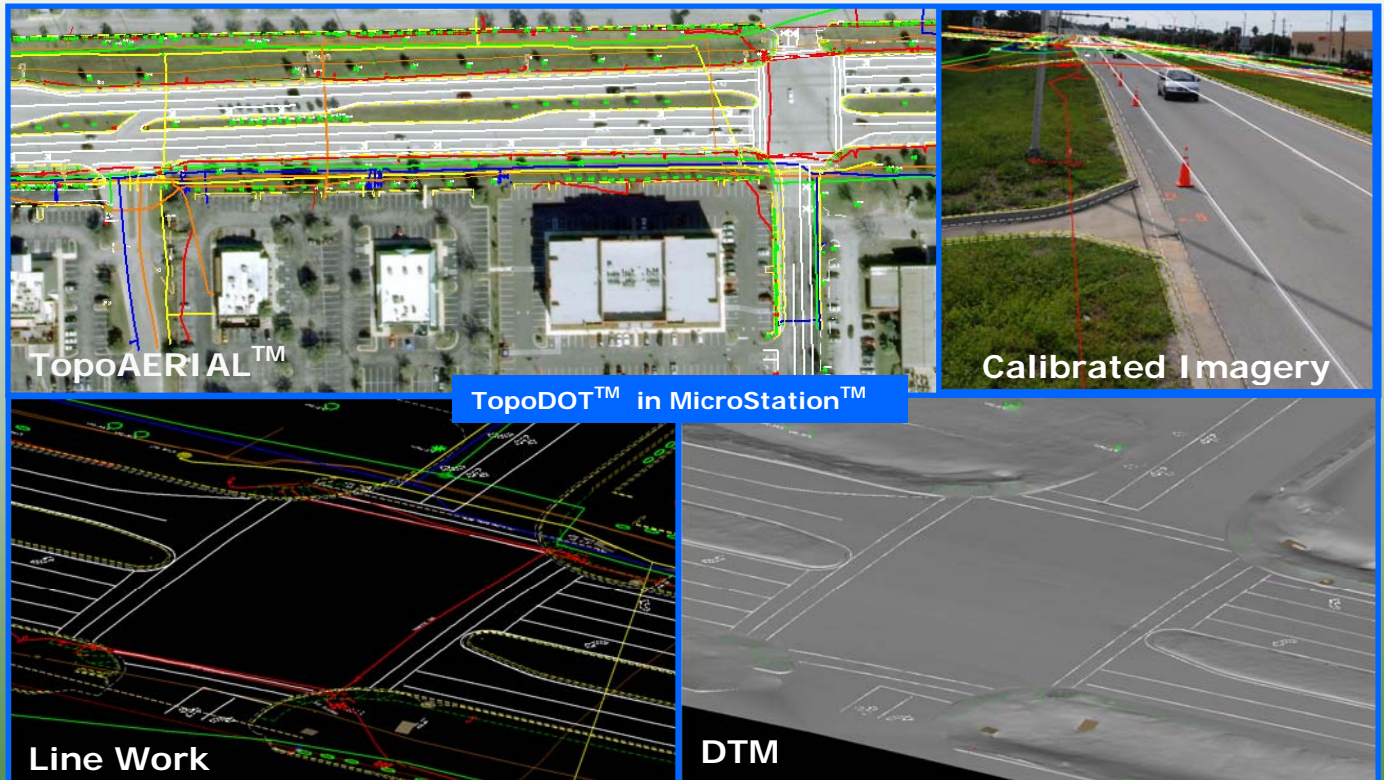
### PROJECT HIGHLIGHTS

- TopoLIFT Platform which included a Riegl LMS 390i LiDAR scanner
- Processed with TopoDOT™ in MicroStation™
- 2 Field days (surface topography)
- 5 days processing time
- DTM includes 5 ft beyond R.o.W. on both sides plus 200 ft of all sideroads

<b>Customer:</b>	LD Bradley Land Surveyors
<b>Project:</b>	Florida State Road 312
<b>Dates:</b>	November 2008
<b>Size:</b>	~0.5 miles, Multi-lane State Road
<b>Type:</b>	Full DTM/TOPO
<b>Project Mngr:</b>	Jennifer Triana

### Project Summary:

Certainty 3D applied 3D Imaging Technology to produce a full DTM/Topographic survey for LD Bradley Land Surveyors. 3D Image data was collected efficiently using TopoLIFT and a Riegl LMS 390i LiDAR/Nikon D300 camera system. Data collection covered a half mile of multi-lane road on State Road 312. Aerial Imagery is provided via TopoAerial. A highly detailed topography was extracted from this data. Survey includes Roadways (10x1 ft grid on road surfaces), Terrain Features (1x1 ft grid on terrain surfaces), Road Markings (5-10 ft intervals), All Break-Lines (Curbs/Retention Areas/Storm Water Inlets), All Utilities (above and below ground), Environmental Objects (Vegetation), and other features. Project processing time was approximately 4.5 days. The application of 3D Imaging Technology brought both the total project time and cost down, and still yielded a superior product compared to traditional surveying methods.



### Deliverable Summary

- Data processed using Certainty 3D's TopoDOT® application in MicroStation™
- All 3D image data is traceable back to control network survey reference
- TopoDOT® generated model delivered in MicroStation™ CAD formats
- Completed Topography including all breaklines and elevations using Florida DOT specifications