



Highway Route / Right-of-Way Mapping

Aerotec provides laser-scan surveys and/or color digital imagery to produce engineering models, route maps, and plan/profile drawings of proposed and existing highway routes.

Aerotec's laser-scan/digital imagery surveys accurately and economically capture:

- Terrain and existing roadway elevations
- Topographical and physical features
- Vegetation locations and heights
- Environmental conditions
- Construction conditions
- Overhead utilities location and heights
- Existing structure locations and heights
- Obstacle locations and heights

Aerotec's deliverables include:

- Plan/profile drawings (electronic and hard copy)
- Color digital imagery (electronic copy)
- MrSID compressed digital imagery
- Right-of-way contour maps
- Electronic data for Inroads, Terramodel, etc.

Benefits of Aerotec's laser-scan surveys and color digital imagery include:

- Improved accuracy
- Reduced cost
- Shorter project schedules
- Non-invasive data collection
- GIS compatible data
- Greater survey data density