



Transmission Line Laser-Scan Services

Aerotec provides laser-scan surveys of existing transmission lines and produces engineering models and plan/profile drawings of those transmission lines.

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

- Terrain profiles
- Topographical and physical features
- Transmission structure locations
- Conductor attachment points
- Conductor catenaries
- Vegetation location and heights
- Weather and conductor loading data

Aerotec's engineering models are produced using commercially available software including:

- PLS-CADD
- TLCADD
- PoleCAD

Aerotec's plan/profile drawings are produced to specific utility specifications using:

- AutoCAD
- Microstation
- MEDUSA

Deliverables include an electronic copy of transmission line engineering models, electronic and hard copies (if desired) of plan/ profile drawings, VHS videotapes of transmission line right-of-way, documentation of weather data at time of laser-scan data capture, and survey control information.