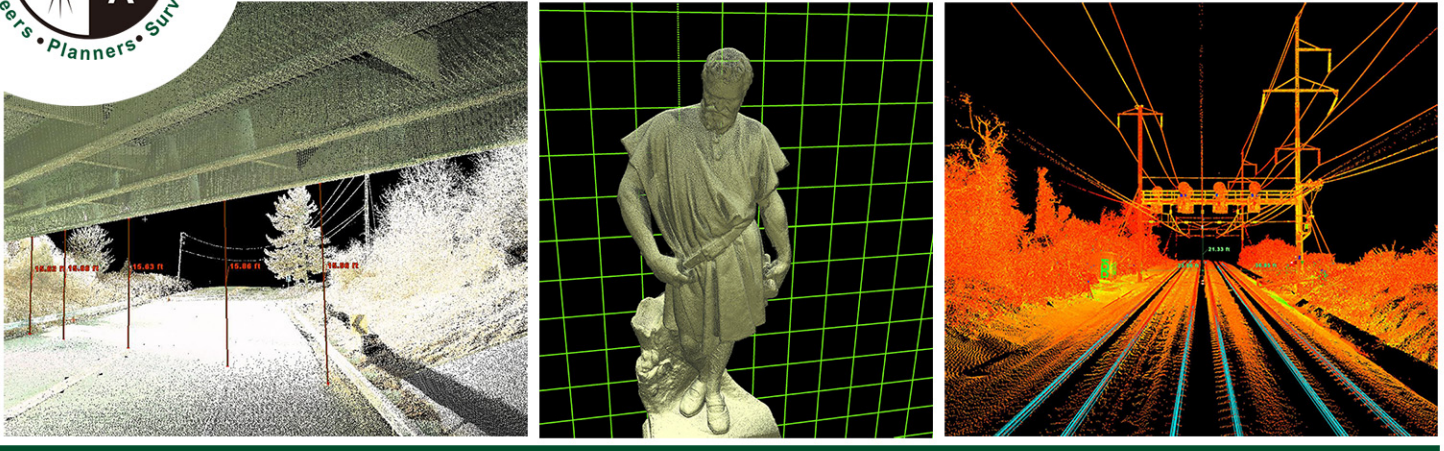




3D Laser Scanning



Karins's survey team takes pride in the services they provide by keeping up with the latest technology in survey equipment with our Digital Laser Scanner equipment. The scanner is capable of providing digital quality as-built information at amazing speed and accuracy and can provide a wide array of final deliverables. High-definition surveying is mostly used today in:

- Capturing geometry of objects that are hard to reach
- Undersides of bridges, overpasses, structures, tunnels
- Commercial development and construction
- Infrastructure and transportation (roads, rail, airports, harbors, communications) quality control
- Hardscape and re-development
- Buildings, facades, columns, ceilings, domes
- Plant and Industrial
 - Oil and gas refineries, chemical plants, pipe racks
 - Power generation and distribution
 - Manufacturing and Processing
- Forensics
- Heritage archive and restoration - Documentation of historical sites
- Mining

Scanning's additional types of deliverables provide client benefits that include:

- Alignments
- 3D Wireframe Meshes
- Cross Sections
- Volumes
- Contours
- Bridge Clearances
- Breaklines
- 2D and 3D Line work
- Competitive advantage for clients' proposals, and clients' ability to use raw scan data for downstream needs