

SURVEYING SERVICES



Finding solutions through surveying

Hanson's professional surveyors have the technology, training and experience to address your surveying needs. From industrial sites and communication towers to airports, railways and highways, our team has the hands-on experience to help you accomplish your unique goals.

Our surveyors use current technology such as robotic total stations, vehicle-based geospatial imaging, drones, laser scanning and virtual reference station-enabled global positioning technologies. These allow us to communicate in real time between the field and our office, efficiently processing your information.





Working to create solutions for you

Our survey services include:

Traditional surveying

- ALTA, boundary and right-of-way surveys
- surveys for control establishment
- topographical surveys for engineering design

Federal, state and local government

- asset management surveys for planning and GIS development
- control surveys for geodetic monument establishment and height modernization
- single- and multi-beam hydrographic surveys
- levee inventory surveys for flood protection
- terrestrial LIDAR laser scanning

Aviation

- Federal Aviation Administration standard obstruction surveys for approach development
- GIS development and asset inventory surveys
- control station development to National Geodetic Survey standards
- Exhibit A property map development

Railway

- grade crossing inventories
- on-track topographical and bridge surveys
- track profile surveys

Telecommunications

- Federal Communications Commission tower permit surveys
- surveys for orientation of tower appurtances

Energy and industry

- monitoring well location surveys
- surveys for landfill permitting for environmental compliance
- mining surveys
- utility surveys
- hydraulic stream surveys for bridges and dams

Certifications provide peace of mind

With training and hands-on experience, our team has the knowledge to work in your industry. Additionally, Hanson surveyors hold certifications that may include:

- OSHA 29 CFR 1910.120 HAZWOPER worker training
- MSHA 30 CFR Part 46 miner training
- railroad safety training for work on Class 1 railroads
- work zone safety training for work on roadways
- communications training for work on tower-controlled airports
- permit-required confined space entry training
- fall protection training

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