

SURVEYING SERVICES FOR RAIL



Finding solutions for your rail projects through surveying

Hanson's professional surveyors have the technology, training and experience to address your railway surveying needs. No matter the type of project — a bridge, intermodal facility or capacity improvements — our team has the hands-on experience to help you accomplish your goals.

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

For your rail surveying needs, choose Hanson.





Working to create solutions for you

Our survey services include:

- asset management surveys for planning and geographic information system development
- boundary and right-of-way surveys
- control surveys for geodetic monument establishment and height modernization
- grade crossing inventories
- hydraulic stream surveys for bridges and dams
- levee inventory surveys for flood protection
- lidar scanning and modeling
- on-track topographical and bridge surveys
- single- and multi-beam hydrographic surveys
- surveys for control establishment
- topographical surveys for engineering design
- track profile surveys
- unmanned aircraft system imagery and mapping
- utility surveys

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:

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

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