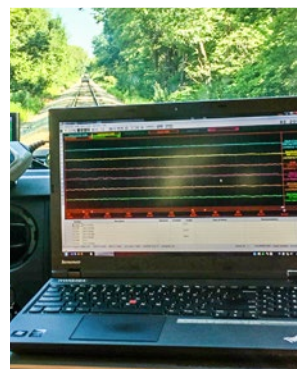


Track Geometry Testing

A Smart Solution to Protect and Maximize Your Track Investment



Heavy Geometry Inspection Vehicle



Geometry Inspection Vehicle



North America's leader in Track and Transit & Systems construction and maintenance services

Track Geometry Testing

From the Industry's Experts on Track

RailWorks offers Track Geometry Testing services designed specifically for Class I and regional railroads throughout the United States and Canada to test the full spectrum of track geometry. Utilizing the SolidTrack system, RailWorks measures more than 40 track geometry data points and has the ability to customize test parameters. This proactive solution locates track geometry issues so you can take action to eliminate potential disruptions and delays.

RailWorks offers two vehicle platforms to give you flexibility to address your rail environment and information needs:

Geometry Inspection Vehicle – This versatile application is suitable for any operation with testing speeds up to 25 mph or 40 km/h.

Heavy Geometry Inspection Vehicle - This application uses the vehicle weight to simulate a vertical load onto the track to provide immediate feedback on your track's strength.



Both of these turnkey services feature these advantages:

- **Immediate results** - Data is recorded in high resolution showing all urgent and warning defects in real time. This proactive approach provides the necessary data so defects can be corrected immediately to improve track safety.
- **Portable operations for maximum flexibility** – Our hi-rail vehicles can efficiently get on and off the rail at road crossings and quickly move between track points by rail or road. This system also gives us the capability to test and record data in both directions.
- **High-tech, hi-rail fleet** – Our vehicles are equipped with SolidTrack technology that creates a detailed profile of the track's conditions. The mechanical gauge contact feature allows us to test the track in adverse conditions, such as snow, debris, rain and excessive vegetation.
- **Timely reports to suit your operations** – All data and report features are tagged with GPS coordinates to easily pinpoint the location on your track. Reports can be promptly exported electronically during our post-run analysis and can incorporate strip charts, curve data and a defect analysis. Reports come in various formats, including PDF, KLM and CSV.
- **Valuable track life-cycle tool** - Data can be archived for use in predictive modeling, such as track degradation, wide gauge, surface, and alignment defects. This information is useful to plan maintenance and capital programs.

Immediate Results on More Than 40 Track Geometry Data Points, including:

- Gauge
- Horizontal and vertical alignment
- Left and right surface
- Cross-level
- Twist
- Warp

Track Geometry Testing from RailWorks.

It's another way RailWorks is at work for you.

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