

Rail & Transit

→ Advanced Survey Solutions

SEAMLESS RAIL DEVELOPMENT AND MAINTENANCE: EXPERTISE YOU CAN TRUST

From planned development to rapid-response track repair and maintenance, we understand the whole problem and offer you the best people and tools to get the job done. Having surveyed numerous types of rail projects, our experts know the requirements for rail yard, mainline track, or passenger and transit rail systems. We can efficiently collect precise measurement data using the right tools for the job. We use proven processes to manage data and reduce risk, which means less time to a smooth ride.

WHAT TO EXPECT FROM OUR RAIL SURVEYS

EXCELLENT PLANNING SUPPORT

1

2

EFFICIENT CONSTRUCTION SURVEYS

ACCURATE MONITORING

3

4

TIMELY AND EFFECTIVE MAINTENANCE AND REPAIR





Precise Track Measurements → We Know Rail Surveys

Reduce the time and costs of track alignment by as much as 50% with Challenger's proven method of high precision rail track survey. If your question involves gauge, super-elevation, twist, or versine, we can help.

- ✓ Light and Heavy Rail
- ✓ Track Monitoring, Assessment and Alignment
- ✓ Underground Tunnel Survey and Applications
- ✓ Bridge and Elevated Track
- ✓ Clearance and Envelope Surveys using Amberg and 3D Laser Scan Data
- ✓ Amberg tamping application for all major tamper brands to export alignment data directly for your system to save on tamping runs.

WE WORK WITH ALL TRACKS IN ANY ENVIRONMENT

- ✓ Ballast
- ✓ Embedded
- ✓ Slab Track
- ✓ Tunnel
- ✓ Elevated
- ✓ Freight

→ DON'T SETTLE FOR LESS

When it comes to your rail and transit infrastructure projects, precision, reliability, and expertise are non-negotiable. Choose the land surveying company that industry leaders trust.

CALL US BEFORE
→ YOU NEED US

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