



# Bridgeway

Consulting Limited

## GEOMATICS

*Surveying Services that make a difference...*

*"Our design team has worked with Bridgeway for many years now and we can always rely on them for all aspects of support from tender stage through to the survey planning, the work on the ground and the robustness of the survey data itself"*

# GEOMATICS SERVICES

Bridgeway has a proven track record as a supplier of professional surveying, monitoring and gauging services within the rail industry, providing a consistent and dedicated service to clients.

## WHAT WE CAN DO

Our ability to problem solve and understand the issues and challenges of surveying within a complex environment to tight timescales and under track access restrictions ensures that project delivery is not compromised.



Our survey staff have expertise in the full range of surveying techniques. All staff hold rail safety competencies with all Lead Surveyors trained to COSS/SWL level. They have extensive geographical knowledge having worked all over Great Britain, and maintain a wealth of experience in the field of Geomatics.

This enables us to deliver any one of the following services:

- Laser Scanning, generating 3D point clouds
- Embankment slip and track monitoring
- Establishment & verification of survey control including complex network and grid solutions
- Detailed topographical surveying
- Point cloud data extraction and 3D modelling
- Tunnel profiling, platform and structure gauging
- Kinematic laser scanning
- Complex setting out for structures and track
- Track alignment design survey and validation
- OHLE heights & staggers / observations
- Platform extension and design preparation
- Precise levelling & deformation monitoring

## FURTHER INFORMATION

We employ the very latest survey technologies from Leica, Amberg and Trimble and we are adept at choosing the most efficient solutions from a portfolio of equipment including S8 and 1201 total station instruments, Trimble R8 GPS / GNSS equipment, Amberg GRP5000 Track Measuring Device and the latest Leica Laser Scanners.

With data output in any desired format whether dgn, dxf, SCO or other bespoke software we are able to fulfil your requirement to exacting standards.



Bridgeway Consulting's wealth of access planning to the railway infrastructure enhances our ability to maximise time on track; this coupled with our expertise in devising systems of surveying and monitoring that require minimal track access, strengthens our capability in reducing safety risks and costs significantly.

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