

A surveyor wearing a white hard hat and a high-visibility orange safety vest is adjusting a green and white surveying instrument mounted on a yellow tripod. The scene is set on a city street with a large, ornate brick clock tower in the background under a cloudy sky.

SURVEYING

"The 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"

Balfour Beatty Rail Projects Ltd

SURVEYING SERVICES

Surveying Services that make a difference...

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 and are all safety critical trained to ES level. They have extensive geographical knowledge having worked all over Great Britain.

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

- Laser Scanning and 3D point clouds
- Embankment slip and track monitoring
- Establishment & verification of survey control including complex network and grid solutions
- Detailed topographical surveying
- Volume surveys
- Tunnel profiling, platform and structure gauging
- Complex setting out for structures and track
- Track alignment design survey and validation (Hallade and Total Station)
- OHLE heights & staggers / observations
- Pre and post tamp as-building
- Track renewal preparation and TQS'ing
- 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, 5700 / 5800 GPS equipment, Amberg GRP3000 Track Measuring Device and the latest C10 Laser Scanner.

With output in any desired format specified by the you whether GENIO, dgn, dxf, land, XML, SCO or other bespoke software we are able to fulfil the requirement to exacting standards.

Access to railway infrastructure is often limited and whilst we are able to maximise time by being Possession Assurance Managers across several regions our experience allows us to devise systems of surveying and monitoring that require virtually no track access to gather data. Thus reducing safety risks and costs significantly.



CONTACT US

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