

PAVEMENT ENGINEERING

- ✓ Pavement evaluation
- ✓ Specification and commissioning of pavement surveys
- ✓ Interpretation of pavement condition surveys
- ✓ Failure investigation
- ✓ Materials design and assessment
- ✓ Detailed pavement design
- ✓ Design of maintenance schemes
- ✓ Development of specifications and standards
- ✓ Maintenance profiling
- ✓ Network modelling
- ✓ Development of pavement performance indicators



INVESTOR IN PEOPLE

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PAVEMENT ENGINEERING

Although apparently simple in both form and function, pavements are among the most complex of engineering structures. Many years of research have been devoted to understanding the structural behaviour, material properties, service loads and environmental effects that fundamentally affect pavement design and performance.

Pavement Engineering is a discipline that has come into its own over the past decade as major changes in approach to the design, specification and procurement of works, together with an increased emphasis on network maintenance management, have opened up opportunities for innovation and development. As a result the level of technical input has increased to deliver effective solutions considering factors such as whole-life costing, sustainability and traffic management across the range of Pavement Engineering processes

- Pavement evaluation
- Materials design and assessment
- Pavement design
- Maintenance scheme design

Chris Britton Consultancy Ltd. has been in business as a consultancy specialising in Pavement Engineering and Highway Management for over 13 years. As the pace of change within the industry has been great over recent years, we have recognised the need to keep abreast of the latest developments and emerging technologies. Our role and profile in both network maintenance management and national research programmes give us a unique perspective which we can transfer into our consultancy services to provide clients with up to the minute advice.

OUR TEAM

Chris Britton Consultancy Ltd has a team of highly experienced and qualified engineers who have trained and worked over many years in this field. Our combined experience covers:

- Academic and commercial research
- Pavement evaluation
- Materials design and assessment
- Pavement and material failure investigation
- Pavement design
- Maintenance scheme design
- Specification and standards development
- Network management and operation
- Network modelling
- Pavement management systems

Our experience comes from working for a wide range of local and national clients, both in the public and private sectors, including private road operators, in the UK and overseas. Our team-working approach enables us to transfer knowledge between projects and allows us to bring a national perspective to local issues where appropriate.

We are committed to the continuing development of all our staff to maintain our established reputation for fair and independent advice and the provision of innovative, high-quality solutions that fully meet the needs of our clients.

Chris Britton Consultancy Ltd attained recognition under the Investors in People standard in 2002.

Chris Britton Consultancy Ltd offers a range of services that can be tailored to meet the needs of individual clients.

WHAT WE CAN OFFER

We pride ourselves on our independence and our ability to work closely alongside our clients in order to understand fully their business, and their requirements from a particular project so that we can develop appropriate solutions. Our skills in Pavement Engineering include:

- Pavement evaluation
- Specification and commissioning of pavement surveys
- Materials assessment and testing
- Interpretation of pavement condition data
- Pavement and material failure investigation
- Detailed pavement design and specification
- Maintenance scheme design and specification
- Materials advice and specification
- Development of maintenance profiles
- Network maintenance modelling

For more information, please contact: Mike Gibb or Bill Moss at the Guildford Office on +44 (0)1483 304364
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