

SIGN STRUCTURE TRAINING COURSE

Supports, foundations and passive safety

London, Wednesday 7 May

Do you know your EN 12899 from your EN 12767? With the introduction of the new 2007 versions of these standards, and passive safety now being relevant to all roads, many designers of traffic signs would welcome more guidance on the structural aspects.

In this one-day course for non-specialists, Simon Morgan will cover the basic theory of sign support and foundation design and how to apply the new standards in practice. It is not specific to any one software package, but participants will be given a free copy of SignLoad Designer 2 to take away. Foundation design both to Highways Agency standard BD94/07 and BS8004 will be explained, as will factors affecting choice of substrate and spacing of channel sections.

Participants will undertake simple worked examples, to enable them to understand the theory and use of reference materials, and therefore correctly use computer software for actual design work.

Simon is a chartered civil engineer who specialised in structural engineering before embarking upon a career in traffic engineering and computing. He is a member of the BSi committee for traffic sign standards and edited the IHIE *Sign Structures Guide*.

The first public course will be held on 7 May 2008. The price is £325 (+VAT) per person. Book early, as places are limited. Subject to demand, it may be repeated later in the year, and can be arranged at customers' own premises.

Course Details

Duration:	1 day
Location:	Hammersmith, London (100 metres from the tube stations)
Prerequisites:	A basic knowledge of sign construction would be helpful but not essential
Course material:	Notes and exercises provided
Lunch:	Refreshments and light cold buffet included

Topics covered

- Introduction
- Basic structural theory
- Relevant standards and their UK National Annexes
- Safety factors
- Determining wind load
- Other actions on structures
- Support design to BS EN 12899-1:2007
- Basic soil mechanics and types of foundation
- Traditional spread foundations to BS 8004
- Planted foundations to Highways Agency standard BD94/07
- Passive safety requirements for BS EN 12767:2007
- Designing passively safe structures
- Review and questions

Booking

Please note that if you cancel the fee remains payable unless we are able to fill your place. You may send a substitute delegate without penalty. Places are allocated in order of application and you will be notified if the course is full.

For further information or to book a place, please contact:

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