Checking LinSig, Arcady, Picady and Transyt Models

Wednesday 12th July 2017

JCT Offices, Lincoln

Duration: 2 days
Price: £435 (exc. VAT)

Overview

This 2-day (non-computer) course is aimed at providing practical assistance to anyone associated with a highways development control authority and/or consultants who are responsible for checking the traffic modelling content of Transport Assessments. Accordingly, the course will explain how to interpret and audit/check junction and/or network modelling work completed using LinSig (V2 and V3), Arcady (V6 and V7), Picady (V5), Transyt (V12 and V13) or TranED/Transyt (V12). Comprehensive aid-memoire notes will be provided that also include suitable audit/checklist sheets for each of these software products. A brief introduction to data collection, trip generation and distribution will be given, but only in the context of traffic modelling inputs.

Who Should Attend

This course is suitable for anyone involved with junction related work in Transport Assessments, including modelling of existing junctions and networks, modelling and design of proposed junctions, and basic scrutiny of concept drawings of proposed junctions. This includes any people involved directly in highway development control, or those who give advice to local highway and/or planning authorities. The course is also especially suitable for consultants who have internal checking or quality assurance procedures which they are required to apply to their own development planning work.

Pre-requisites

An appreciation of the importance of the junction related content of Transport Assessments.

Course Content

The 2-day course will cover the following topics: -

- The rationale for traffic model checking and what might be at stake for transport outcomes.
- Appropriateness of traffic counts and their input into the modelling. The forecasting of the extra vehicle movements due to development. Accuracy of all traffic flow inputs to the model.
- Modelling input dependent on the geometric details of both existing and proposed junctions, together with appropriateness of traffic signal control details used for existing junctions.
- Arcady modelling of roundabouts, with an explanation of the software and guidance on the checking of input data, interpretation of outputs, including issues of lane usage and over-optimistic results, followed by a class exercise.
- Picady modelling of priority junctions, with an explanation of the software and guidance on the checking of input data, followed by the correct interpretation of results, followed by a class exercise.
- LinSig modelling of single traffic signal junctions and networks of junctions, with an explanation of the software, a step by step checking process, followed by a class exercise.

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- Transyt modelling of networks of junctions, with an explanation of the software, a step by step checking process, followed by a class exercise.

Accreditation

All JCT courses are ?Approved? or are pending ?Approval? by the Institute of Highway Engineers and attendance is therefore recognised by the IHE and many other bodies as evidence of Continual Professional Development (CPD).

Courses are managed under a ISO9001 Quality Management System.

Dates & Times

This course will run from Wednesday 12th July 2017 and last for 2 days.

The following schedule should apply although all times are provisional and subject to change as required on the day:

Day 1: 09.15 - 17.00.

Day 2: 09.15 - 17.00.

Course Venue

Venue: JCT Offices, Lincoln

Location: Lincoln

Venue website: www.jctconsultancy.co.uk

Address of venue: JCT Consultancy Ltd.
LinSig House
Deepdale Enterprise Park
Nettleham
Lincoln

Venue postcode: LN2 2LL

How to get there:
Office Directions by Road:

Description of venue:
New purpose built offices and training facility, just off the A46, 2 miles to the NE of Lincoln.

Course Tutors

Depending upon scheduling constraints, our course tutors will sometimes split tuition between them or teach a given course in its entirety whilst the other is unavailable. Please contact us directly if you need more specific detail about who will be teaching a specific course.

Course tutor: Simon Swanston MSc, BEng, CEng FIHE

The information presented here is kept as accurate and up to date as possible, nevertheless, this document is static and cannot be updated if any changes to the course arrangements are made. We make every effort to inform our delegates if we have to make any cancellations and if any changes are made to the venue or schedule. We also advise all delegates to check the website or contact us directly to confirm course details a few days before the course starts.

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