



IHIE – working with government to enhance your input and influence

Senior members of IHIE met **DfT** staff in traffic and transport in September to discuss specialist skills and training. The Institute made a submission to the Transport Select Committee on road safety and contributed to the PACTS submission. The pan institutions' submission to the Select Committee on Innovation, (Science) Universities and Skills inquiry into engineering was co-ordinated across the 36 institutions by etb. IHIE supported the agreed statement. DfT, through the Minister for Road Safety, and Highways Agency formally endorsed the IHIE Professional Certificate in traffic sign design.

IHIE – Promoting engineering

'**Inspired by engineering**', the etb drive to engage further education students and lecturers with professional institutions is being rolled out. It makes links with their curriculum and professional membership and registration. IHIE is one of the participating institutions.

IHIE has been invited to contribute to **Project Brunel**. Funded by DfT, TfL and LDA; the first stage is a survey to establish the skills profile in transport engineering. An industry consultation followed to identify potential solutions to the skills gaps.

The Institute exhibited at Road Safety Expo, the three regional Roads Expos, JCT's September symposium and had a presence on the *Highways* stand at Traffex 2007.

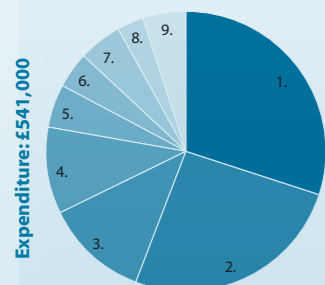


The Highways Award Judges

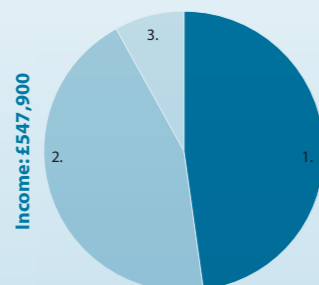
Susan Broadaway, IHIE President, chaired the judges for the **2007 Highways Excellence Awards** in October. Her fellow judges included the Chief Engineers for Transport Scotland, Welsh Assembly Government and the Northern Ireland Roads Service.

2007 Financial Results

Full accounts were distributed with the membership cards.



- 1. Staff Salaries - 30%
- 2. Conferences, courses - 26%
- 3. Rent, rates, service charges - 12%
- 4. Fees, subscriptions, EC/ETB - 10%
- 5. Journal, Surveyor, publications - 5%
- 6. Printing, post, phone, website - 4%
- 7. Meetings - 5%
- 8. Depreciation, Renewals - 3%
- 9. Other - 5%



- 1. Subscriptions - 48%
- 2. Conferences and Courses - 44%
- 3. Other - 8%

Members of Council 2007/2008

The Officers

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Susan Broadaway, Denbighshire CC

Senior Vice President
Tony Sharp, South Gloucestershire CC

Junior Vice President
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Nick Newton, Mott Macdonald
Debbie Swatman, Jacobs

Graduate Members
Rachael Beverley, Leicestershire CC
Jeff Upex, Mouchell



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ANNUAL REVIEW

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IHIE | INSTITUTE OF HIGHWAY
INCORPORATED ENGINEERS





IHIE Review 2007/08

IHIE - providing professional leadership; setting high standards to help you reach your potential

Significant events

First woman president of a civil engineering institution
www.motorcycleguidelines.org.uk launched
First Chartered Engineer reviews held
'IHIE Sign Structures Guide' published for Highways Agency
'Disabled People in Home Zones' published by DPTAC through IHIE
EC renews IHIE licence for five years
TfL invites IHIE to participate in training developments.

Developing good practice

IHIE - helping you deliver a transport system that provides economic, efficient and environmentally acceptable mobility



Highways Agency approached the Institute to publish the **IHIE Sign Structures Guide** in time for the September Signs Conference. The Guide clarifies the design of supports to the new BS En 12899-1 standard. The authors are Jim Gallagher, HA, Simon Morgan, Buchanan, and Kirsten Morris, Mott MacDonald. A second edition will be published May 2008. It can be downloaded on www.ihie.org.uk



Funded by DfT and RAC Foundation, www.motorcycleguidelines.org.uk provides an up to date edition of the IHIE Motorcycling Guidelines arranged by chapter with news, extra resources and a user forum.

The question of how to **design shared space**, including home zones, to take account of disabled users has generated two reports. IHIE sat on both steering groups. **DPTAC** chose IHIE to release its TRL-led research report 'Disabled People in Home Zones'. The **Guide Dogs** research into shared space has proved more contentious. The latest output is a report based on tests at the artificial pedestrian facility at UCL (PAMELA) which identifies only two delineators that satisfactorily mark out safe space.

The course developed by the Public Realm Information Network (PRIAN) on 'Design and Maintenance of the Public Realm' is backed by IHIE. The first two courses held in 2007 attracted the desired range of delegates – bringing urban designers, architects etc together with traffic engineers to develop a common understanding of each others' disciplines.



Delegates on the public realm course

In 2008, graduates will be able to take the IHIE Professional Certificate, testifying to their broad competence.

IHIE contributed to the DEMOS report 'Seen and Heard' urging that the public realm be reclaimed for children.

IHIE was the only UK professional institution invited by the **European Transport Safety Council** to assist in its review of UK road safety in a European context.

Short courses from the University of Plymouth, Barbara Chard and Hyder were accredited by IHIE in 2007/8.

The **Joint Board of Moderators (JBM)** accredited university courses on behalf of ICE, IStructE, IHT and IHIE. The Institute participates in the accreditations of incorporated civil engineering degree courses. Often these are run in conjunction with BEng, MEng and Masters degrees. Degrees are judged on their content, quality and whether they deliver output standards which meet Engineering Council requirements.

A group is looking at developing competences for **Road Safety Engineering** and is identifying and enhancing training opportunities.

IHIE 2007

2798 members
1253 registered IEngs
17 Chartered members

IHIE 2007

29 Incorporated Reviews
6 Technician Reviews
First Chartered Review

Qualifying you

IHIE - setting standards based on competence, integrity, fairness and quality to help you reach your potential

After the Engineering Council granted IHIE a licence to register Chartered Engineers the first CEng review was held in October. The next two are in hand, and there are a steady number of enquiries from engineers seeking to establish their progression route.

The licence has been extended to April 2009 and expanded to allow IHIE to accredit Chartered level degrees as one of the Joint Board of Moderators partners.

Eight Chartered Fellows have undergone training to become Reviewers and Mentors.

Two training courses were held for Reviewers and Mentors in 2007, one in London, the other in Wakefield. In addition mentors and reviewers continue to assist at the Preparing for Review courses.

DfT Road Safety Fund supported Motorcycle website
Highways co-sponsored Maintenance conference
Surveyor offered free copies to full-time students

The **International Engineering Technologist register (IntET)** can now be accessed through IHIE by IEng members.

Transport for London has decided to put its graduate trainees through the IHIE Professional Certificate in Traffic Signal Control. The first 15 foundation assessments were conducted in February with two Practitioner level certificates. Assessments are conducted by a pair of TfL and IHIE assessors working to standards initially developed by Gafoor Din.

IHIE has been an active participant in the TfL STAR and PROStTT projects developing a training framework and a skills assessment mechanism linked to National Occupational standards.

The signals certificates potentially offer the most structured manifestation of TfL's intentions, with JCT delivering assessed knowledge and IHIE independently tested competence. Walking/cycling and urban design are also being developed as separate qualifications led by PTRC.

Eleven of the sixty participants in the 2006 **highway development control foundation courses** went on to complete their Professional Certificate. Eight TMS-delivered courses have been delivered for IHIE and the Southern and Eastern Development Control Engineers forum since their inception, providing DC engineers with a unique competence based qualification.

IHIE's popular "Preparing for Review" courses continue to help hundreds of aspiring registered engineers to understand how to best present themselves at Review. In-house courses were held for Sandersons and North Lanarkshire and South Western's Workshops on portfolio building continued.

IHIE is working with Gates McBain in Lincoln and members of the Academic Standards Panel to improve the guidance on **non-standard** routes to CEng and IEng.

IHIE 2007

400 attended IHIE training courses
11 IHIE Professional Certificate successes



Connecting you

IHIE - Helping to share knowledge and experience

IHIE supports members in developing their careers and learning or improving their expertise.

IHIE's industry-recognised professional forums on traffic signs, highway development control and highway maintenance were particularly successful in 2007.

Through membership of the **Urban Design Alliance (UDAL)**, the Institute has remained at the forefront of the profession's response to the Manual for Streets agenda. CABE, the government urban design champion, sought IHIE endorsement for its MfS spring workshops and involved members in various focus groups.



Mark Heaton and Tim Edmunds contributed to the stakeholder group fashioning 'Active Design' produced for Sport England by David Lock Associates. Active Design has proved to be the first of three reports exhorting developers to design to encourage an active lifestyle.

IHIE 2007

Atrium sponsored IHIE's development management events
Buchanan and Atkins sponsored the traffic sign events

IHIE - working together to improve the environment

FACTS - Parliamentary Advisory Committee for Transport Safety (Tony Sharp)
CIC - Construction Industry Council (President, Richard Hayes)
UDAL - Urban Design Alliance (Cheryl Brown)
JBM - Joint Board of Moderators (Steve Spender, Tim Edmunds)
EC (UK) - Engineering Council (Peter Dipper)
G15 - Representing the 36 EC Institutions (Judith Walker)
NMC - National Motorcycling Council (Tony Sharp)
CSS - County Surveyors Society
HR and Training Group (Richard Hayes, Judith Walker)
IHT - Institution of Highways and Transportation (Presidents, Secretary)

