

# Curriculum Vitae



## Ian D Walsh      Road Consultants Ltd

Position in firm	Senior Consultant specializing in pavement engineering, paving materials' design and performance and quality assurance
Company	Road Consultants Ltd 36 Bower Mount Road Maidstone Kent ME168AU <a href="mailto:ian.walsh@roadconsultants.co.uk">ian.walsh@roadconsultants.co.uk</a> M 07899 063870 T 01622 761224
Year of Birth	1943
Nationality	British

**Educational/professional achievements:** 1964 BSc (Eng) Civil & Municipal Engineering Univ. Coll. Lond  
1979 Diploma in Management Studies (DMS)  
1970 Chartered engineer and Member Institution of Civil Engineers (MICE) and Member Chartered Institution of Highways and Transportation (MCIHT)  
1979 Member Chartered Institute of Management (MCIM)  
1990 Fellow Institute of Asphalt Technology, (FIAT)  
2003 Member IAT Council. 1995-2005 Secretary and Chair IAT SE Branch Committee  
2005 - 2007 President Institute of Asphalt Technology  
2010 Visiting professor University of Ulster  
2011 Editor and co-author Manual on Road Design and Maintenance Thomas Telford 2011,

### Awards

2004 SCI Construction Materials award and CSS Award for services 2009 Finalist Kent Environmental Awards,

**Member of the Order of British Empire (MBE) 2011 for services to Highway Engineering**

### Relevant Experience

35 years experience at a senior level managing road pavement design and construction, operation of test laboratories, quality control, QA and standardization of construction materials nationally and in Europe. Intimately involved with development and implementation of new test methods, product development and performance, and road maintenance techniques. Expert witness on road materials' performance especially asphalt and block/slab paving. Representing the Client – side nationally through ADEPT on a wide range of Committees. Produced a large number of technical papers and presentations to seminars and conferences.

**2010 Senior Consultant Road Consultants Ltd** Own company to provide to Authorities, organizations, Academe and professional bodies, professional technical advice on design, specification, installation, failures and maintenance of roads and other paved areas, QA/QC and evaluation of materials performance  
**1999 – 2009 Senior Consultant Babbie (now Jacobs).** Continued to provide the same laboratory, advisory, design and specification services as to KCC, expanding them to other Local Authorities. Carried out defect investigations, trouble shooting and expert witness for pavement faults and premature failure nationally on concrete, asphalt and block and slab paving. UK expert/chair on BSI and European Standard Committees for pavement materials [clay, concrete and stone paving, surface dressing/Microasphalt, and surface characteristics. Member of BBA board for HAPAS and specialist group on Surface treatments and Thin surfacing. Chair management group for UK National Highway Sector schemes for QA and member of NHSS committees for surface treatments, asphalt manufacture and laying Produced Londonwide Asphalt specification. Member of senior team producing Kent Asset Management Plan 2009. Led sustainability action team for highways and the climate change adaptation programme. Organized and participated in numerous conferences and seminars on a wide range of highway construction and maintenance  
**1980 -1999** Materials engineer Kent County Council with up to 50 staff. Managed site and central laboratories for product testing and numerous major capital and maintenance schemes on motorways, truck roads and Kent network. Produced design guides and specifications for new roads and footpaths and for maintenance works, approved innovative and new materials for Kent CC e.g hydraulic bound materials, flexible and rigid stone paving, cold mix asphalt, performance specifications. Provided input to and represented County Surveyors Society on pavement engineering committees nationally, Carried out R&D and specification production for HA, CSS, WRAP and private clients involving laboratory and field work. Led national QA initiatives in QA and BBA HAPAS. Led the team on the KCC Maintenance Plan 1999.  
**1974 -1981** Kent CC Sub Unit SE Road Construction Unit. Route planning for M20 Maidstone Ashford, led design team for detailed design M26 [12km] (Flexible) and Roads Resident Engineer. Chief Resident Engineer for construction M20 Sellindge Folkestone[14km](Concrete) £56m Tarmac National Contracting.