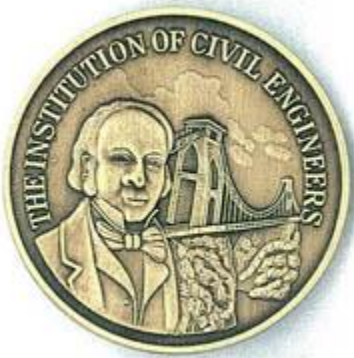


Top Article this week

Issue 201



Civil Engineering Team for A30 Win Prestigious Medal

Congratulations to David Hughes and the rest of his team, whose work on the A30 Bodmin to Indian Queens Improvement has been recognised with a

highly prestigious award, the Brunel Medal, by the Institution of Civil Engineers.

The A30 scheme, which forms the key arterial route for Cornwall, has successfully solved a notorious road transport problem whilst providing a significant and long lasting legacy of improvements to the highly sensitive natural environment in the area. The scheme comprises 11.5km of new dual carriageway with two grade-separated junctions between Indian Queens Bypass and Bodmin Bypass. Nine major structures carry side roads and accesses over and under the new road.

[Full Article](#)



12/12/2008

This Week's Headlines

Company News

Ashford Office Move

From Monday 15th December Ashford office will be at a new address:-

10th Floor
International House
Dover Place
Ashford
Kent, TN23 1HU

All telephone numbers remain the same.

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Christmas/New Year Interchange issues

The last Interchange of 2008 will be issued on Friday 19th December. Items for that week will be accepted up to the end of Tuesday, 16th December. Any articles received after that will be held over for the first Interchange of 2009, which will be issued on Friday 9th January.

Angela Lowle, Editor

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Projects & Disciplines

Civil Engineering Team for A30 Win Prestigious Medal

Congratulations to David Hughes and the rest of his team, whose work on the A30 Bodmin to Indian Queens Improvement has been recognised with a highly prestigious award, the Brunel Medal, by the Institution of Civil Engineers.



Presentation of medals:
(from left to right) Andrew Alcorn (Highways Agency),
Keith Titman (Carillion), David Orr (ICE President) and David Hughes (Scott Wilson).

The Society of Civil Engineering Technicians originated the Brunel Medal for either individuals or firms who had shown excellence in civil engineering. The purpose of this award is to recognise valuable service or achievement, which has been rendered to or within the civil engineering industry.

The A30 scheme, which forms the key arterial route for Cornwall, has successfully solved a notorious road transport problem whilst providing a significant and long lasting legacy of improvements to the highly sensitive natural environment in the area. The scheme comprises 11.5km of new dual carriageway with two grade-separated junctions between Indian Queens Bypass and Bodmin Bypass. Nine major structures carry side roads and accesses over and under the new road.

Scott Wilson was responsible for the scheme design, working with Alfred McAlpine (now Carillion) on behalf of the Highways Agency. This project is the first Early Contractor Involvement (ECI) scheme to be taken from preliminary design through statutory procedures to construction. It was delivered in record time and under budget.

Innovative design and construction techniques minimised disruption to the travelling public during the work. Sustainable engineering techniques included the re-use of waste materials from the local China Clay industry.

The new route was deliberately chosen to avoid Goss Moor, a Special Area of Conservation that the original route crossed. The habitat has now been extended, regenerating the area and supporting such species as the endangered Marsh Fritillary Butterfly. The road surface of the previous route through Goss Moor was replaced with new facilities for walkers, cyclists and horse-riders, opening up the Moor to the public.

The area is environmentally sensitive and many mitigation features have been included into the design including the relocation of reptiles and amphibians, construction of traditional Cornish Hedges, creation of dormouse habitats and numerous swales, balancing ponds and infiltration features which minimise the risk of flooding and dramatically improve the water quality of surface run-off.

The scheme was developed by an integrated team of Scott Wilson highways, bridges, transportation, geotechnical and environmental specialists from UK Central and UK South,

working closely with Carillion and the Highways Agency. The Brunel Medal is the ninth award to be won by this project.

Medals were presented to David Hughes (Scott Wilson), Keith Titman (Carillion) and Andrew Alcorn (Highways Agency) on behalf of their teams during a ceremony in October.

Contact [Gemma Eagle](#), Marketing, Chesterfield

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Leading the way: project to client focus
A change for the good, Jerome Munro-Lafon, Group Executive

“ Client Relationship Management helps us understand our clients’ business. Becoming sectorised allows us to manage their needs more efficiently and react to opportunities in a co-ordinated fashion”

From 1st May 2009 we will have made the successful transition from a regionalised business to sector facing. By aligning ourselves to our four key sectors: Strategic Consultancy, Buildings & Infrastructure, Environment and Natural Resources, we can focus on our clients and their markets. This change is driven by the recognition that to be really powerful in our industry, we must be very client focused.

[Click here](#) to read the full interview

Look out for forthcoming ‘ Leading the way’ communications from Jerome Munro-Lafon in Interchange. Next article: Friday 9 January

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5 week CRM Einstein seminar programme starts in January 2009. [Book now](#)

Book your Einstein CRM seminar today

CRM seminars based on the CRM Toolkit will be held every Monday for 5 weeks starting on Monday 12 January. They will form part of the regular Einstein seminars organised by Nikki Holloway which are held in Basingstoke.

Seminar title	Date
Understanding your client and their perceptions	12 January

Being clear about your objectives	19 January
Implementing your approach	26 January
Managing information	2 February
Tracking your impact	9 February

To maximise on the impact you will receive from these seminars it is strongly recommended that participants attend all 5 seminar sessions which last an hour.

By the end of the 5 weeks you will be proactively implementing a CRM strategy that will see you developing a stronger relationship and achieving more business from a client of your choice.

Places are limited so please book by initially sending details of the client that you would like to build a stronger relationship with to [focus](#) by Friday 12 December.

CRM Toolkit

For useful tools and techniques for building stronger client relationships, visit the [CRM Toolkit](#).

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Flying High with Bombardier

We are delighted to announce that we have received a major commission from aerospace manufacturer, Bombardier, for the design of a new manufacturing facility in Belfast.

Bombardier, which recently celebrated 100 years of aerospace manufacturing, has designed a new mid-size airliner called the CSeries which will go into production in 2012. The new aircraft is revolutionary in many ways, including extensive use of composite technology.

The wings for the new plane are to be built in Bombardier's plant in Belfast, where they specialise in composite technologies. This will require the construction of a completely new manufacturing facility and it has been confirmed that the design commission has been awarded to Scott Wilson.

Led by our Architects in Belfast, our bid was an exclusively Scott Wilson team providing full multi-disciplinary services, including Architecture, Civil & Structural Engineering and M&E Engineering, by the Manchester office who are also providing further Architectural and Structural support.

Trevor Leaker, Lead Consultant for the project commented, " We are particularly pleased with this appointment, as we hope it will be not just about this very exciting project but the start of a long term relationship with one of the biggest companies in Northern Ireland" .

This is a landmark project in many ways. The sheer scale of the project which, when all phases are complete, could extend to 500m long, its importance to the local economy in Belfast and the fact that the facility will be constructed alongside Belfast City Airport, all mean that it will be a high profile scheme. The selection process was extremely demanding and many people had a hand in securing this commission, so thanks and well done to everyone involved.

Please note - news of this project is for internal circulation only.

Contact [Cathy Williamson](#), Business Development Officer, Belfast

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Strategic Consultancy in Abu Dhabi

The Gulf represents one of the most dynamic business environments in the world, continuing to present consultants with interesting and challenging opportunities. Following on from established representations in Dubai, Bahrain and Qatar, Strategic Consultancy is delighted to provide resources in the Abu Dhabi office, working alongside Neil MacDonald who represents Buildings & Infrastructure.

Abu Dhabi authorities have recently announced a major programme of road, LRT and bus rapid transit upgrades which rely on a significant input from global consultants like Scott Wilson. From January 2009, Jamshid Soheili will be based in Abu Dhabi for a period of few months leading and coordinating all transportation & infrastructure planning activities across the Gulf region. This will initially focus on emerging opportunities in Abu Dhabi covering municipal projects as well as the development sector, followed by integration of our transport planning skills across existing centres.

Steve Brundle, Global Head of Strategic Consultancy comments: “ the global consultancy market continues to present exciting opportunities for us, and targeting Abu Dhabi as a strong emerging market with available investors and funds demonstrates our confidence in this region; transportation planning is key to delivery of the many ambitious plans in Abu Dhabi and the ideal upstream discipline for other services to follow. We look forward to working with other Sector colleagues out there and supporting Jamshid with our UK and global resources” .

For further information please contact [Jamshid Soheili](#)

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MEGZ Environment 2008 Wins Millennium Best Project (North) Award

The Chesterfield Environment team are celebrating the recent award of the Millennium Best Project award for the northern region for their MEGZ Environment 2008 project.



Sarah Edgar accepts award from Geoff French

MEGZ Environment 2008 is a multi disciplinary project covering all aspects of environmental work on the Markham Employment Growth Zone (MEGZ) project for Derbyshire County Council. The MEGZ project falls under the Scott Wilson 3 Counties Alliance Partnership (3CAP) providing services to Derbyshire, Nottinghamshire and Leicestershire County Councils.

The main inputs to the project are provided by ecologists from the Chesterfield Environment team supported by their colleagues in Manchester and Leeds, and GIS services from the Chesterfield Environment team. In addition, inputs are provided by the noise, water, and air quality teams in the Nottingham office, the heritage team in the Leeds office, and the landscape team in Chesterfield. Services provided include on site support, impact assessment, mitigation design, review of previous data and input into contract documents.



The MEGZ project involves the re-development of a former colliery site of over 230 acres in the North-east Midlands. The aim of the project is to reverse the decline of jobs through the closure of coalfields in the area and to provide social, economic and environmental improvements. The project will provide development infrastructure, an improved road network and overall environmental improvements including new woodland, wetland and amenity land. The project is expected to create up to 8,000 new jobs, of which 3,000 would be new to the area. The first Phase of this project has now been completed with the opening of the new motorway junction (J29A) on the M1.

The project has achieved a strong integration of Scott Wilson specialists with their counterparts at Derbyshire County Council and the DCC Project Management Team. There is a great sense of team work on the project which contributes to its success.

The environmental specialists have achieved a close working relationship with consultees and statutory bodies including Natural England, Derbyshire Wildlife Trust, the Environment Agency, CBC Environmental Health and the County Archaeologist. The team have worked hard to provide a practical and pragmatic approach to environmental issues and mitigation design whilst remaining cost effective. In a recent client meeting a representative from the Derbyshire Wildlife Trust commended the project as an excellent example of ' how things should be done' .



The ecology team in particular has developed on board collaboration with the contractors on site; this has been achieved through ' tool-box talks' , friendly and co-operative working relationship.

Contact [Sarah Edgar](#)

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Research Consultancy Team to Deliver WRAP HBM Roadshow in the New Year

Scott Wilson' s Research Consultancy Team, based at Nottingham, has been appointed to deliver a series of free workshop events in January and February 2009 which will provide advice on the application of HBMs (hydraulically bound mixtures) in construction projects. The free-of-charge roadshow aims to encourage the utilisation of HBMs by explaining the many benefits of their use, which include significant cost savings, lower carbon emission and minimisation of materials used and removed from site.

In order to raise awareness and increase the adoption of HBMs in more construction projects WRAP (Waste & Resources Action Programme) supported by the Aggregates Levy Sustainability Fund for England, is providing direct advice to organisations considering the use of HBMs in projects and running a series of workshop events throughout the UK. Both the direct advice programme and the series of workshops will be led by Scott Wilson.



The experts involved in the workshops include John Barritt (WRAP), John Bateman (the Independent Stabilising Company Ltd), Joanne Edwards (Scott Wilson), Paul Edwards (Lafarge Aggregates Ltd), David Jones (Britpave), John Kennedy (JK Consulting), Craig Notman (Mid-Sussex Testing Ltd), and David York (Aggregate Industries). The nine roadshow events will visit:

- Birmingham
- Bristol
- Cambridge
- Derby
- Leeds
- London (two events)
- Manchester
- Newcastle

Each event will include an overview of HBMs and specific detail on aggregate and soil mixtures, along with case studies of their applications. There will be an opportunity to ‘ask the expert’, to review the relevant standards and specifications, and to receive demonstrations on WRAP’s many online tools to support materials resource efficiency.

To receive more information on the roadshow please contact [Nicola Allison](#) on 0115 9077086

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Scott Wilson Climate Change Breakfast Series

Every journey starts with a single footstep and ends with a carbon footprint!

The **Managing Travel Demand and Climate Change** seminar, which was the fifth in the series, took place on **26 November 2008** in the London office and was presented by **Mark Gould, Associate in Transport Planning**. He explored the contribution that transport currently makes towards greenhouse gas emissions and presented the various measures available to reduce their impact.

The ‘greenhouse effect’ and the various greenhouse gases associated with transport emissions were considered in terms of their potency and longevity. The general climate change ‘headlines’ in relation to global temperature, rainfall and sea levels were then explained.

Over the past three decades global CO₂ emissions from Transport have risen faster than any other sector. For example between 1990 and 2004 emissions from the global Transport sector rose by 36.5%, and although emissions from transport in Europe and North America are expected to level off, other industrialised regions such as China are predicted to maintain an upward trend in global emissions.

The UK contributes around 2% to global man made emissions, 85% of which is CO₂. In 2006, 22 per cent of CO₂ emissions were from the transport sector and since 1990 these emissions have increased by 10%, much higher than any change in the other energy supply, business and residential sectors. Transport emissions of the more potent Nitrous Oxide are also now five times higher than in 1990.

Cars account for 39.7% of Transport CO2 emissions in the UK. Significant potential therefore exists to bring about a reduction in transport emissions through the management of travel demand. The key measures available to influence travel demand fall into five categories; Fiscal, Planning, Informational, Regulatory and Technological. Each of these measures can then be combined into strategies to “**improve**” travel choices, “**remove**” the need to travel, or “**move**” from regular use of the car to another more sustainable mode.

If you would like any more information on Managing Travel Demand and Climate Change then please contact [Mark Gould](#).

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People



Congratulations to **Alan Blair** and **Colin Booth** from the Glasgow office who have recently become Chartered Civil Engineers.

Since joining Scott Wilson following graduation from the University of Strathclyde in 2002, Alan has been employed in the company's roads section. Since then Alan has gained a broad experience on a number of varied and challenging projects in Scotland and Northern Ireland.

Colin joined Scott Wilson as a graduate engineer in 2003. He has worked in the Roads and Hydrology sections and has spent time on site. He has gained experience in road, hydrology and drainage design, both as Contractor's Designer and Client's Representative.

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Tanya Romanenko joined the Basingstoke office at the beginning of December.

Tanya has been working in Kyrgyzstan for the last three years, as environmentalist and Local Project Co-ordinator for the Disaster Hazard Mitigation Project. She is trained as both a legal and environmental specialist and is a fluent Russian speaker. She remains a member of the Geo-hazard section of International Geotechnics and will continue to work alongside Gareth Hearn.

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Manchester's Nuclear Services Safety and Risk Management team welcomes **Charlotte Brace** who recently joined as a Human Factors Specialist. Charlotte has spent the last two years as a Human Factors Specialist at the Monash University Accident Research Centre in Melbourne, Australia predominantly conducting work examining the behavioural, organisational and design factors contributing to road safety.

Despite the lower levels of sunshine, she is now pleased to settle back home in the UK. In her spare time Charlotte enjoys basketball, badminton and is a keen traveller. Before her Antipodean experience, Charlotte worked in the transportation, defence, construction and healthcare sectors, at the Ergonomics and Safety Research Institute, Loughborough University and the Institute of Naval Medicine.

In Manchester, Charlotte will be getting involved in the wide range of human factors work undertaken by the team. This includes supporting a wide range of clients and projects, within the nuclear sector as well as within other expanding domains across Scott Wilson including transport, natural resources and business and organisational change.

Charlotte can be contacted on charlotte.brace@scottwilson.com or 0161 907 3598.

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Jobs

Recruitment Centre of Excellence

Head of Nuclear Sector - Civil and Structural Engineering and Architecture (CS&A) - Warrington

CS&A is a key element of our Nuclear business. We are looking to recruit a dynamic head of this expanding 60 strong team. The role is a challenging opportunity and requires someone with experience of management of resources, major projects, opportunities and tenders within a high hazard industry.

For full details please contact Oli Williams or [click here](#) to view the job description.

If you are referring a friend, please direct them to the Careers section of the Scott Wilson website (www.scottwilson.com/careers) and ask them to submit their application along with your name in the referral box. Don't forget if you refer a friend to us for any vacancy and they complete 3 months service then you will receive a fee of **£750** for staff appointed to posts graded level 1 and 2 and **£1,000** for staff appointed to posts graded level 3 and above*.

[A Selection of Current Vacancies](#)

- RE/EE-AG/ISP – East of England Industrial Symbiosis Practitioner, Peterborough (East of England), to apply please [click here](#)
- OW/WAR-MR/HN – Head of Nuclear Sector - Civil and Structural Engineering and Architecture (CS&A), Warrington, to apply please [click here](#)
- JW/BRI-JG/PWE – Assistant Permanent Way Engineer, Sydney, Australia, to apply please [click here](#)
- JW/BRI-SS/PWAY – Permanent Way Design Engineer, Brisbane, Australia, to apply please [click here](#)
- JW/BRI-SS/PCSE – Principal Civil/Structural Engineers, Brisbane, Australia, to apply please [click here](#)
- SINP/SYD – Senior Infrastructure Engineers, Sydney, Australia, to apply please [click here](#)
- JW/BRI-JG/SPWE – Senior Permanent Way Engineer, Sydney, Australia, to apply please [click here](#)
- JW/MAN-PR/EWE – Electrical Water Engineer, Mansfield, to apply please [click here](#)
- JW/LEE-KA/PFS – Principal Flood Risk Specialist, Leeds, to apply please [click here](#)
- JW/BIR-MR/PTE – Principal Tunnelling Engineer, Birmingham, to apply please [click here](#)
- JW/BAS-SH/PGE – Principal Geotechnical Engineer, Basingstoke, to apply please [click here](#)
- JW/BAS-JP/PCE – Principal Coastal Engineer, Basingstoke, to apply please [click here](#)
- C967 – Senior Project Architect, Manchester, to apply please [click here](#)
- C969 – Personal Assistant, Manchester, to apply please [click here](#)
- C757 – Senior Mechanical Engineer - Building Services, Manchester, to apply please [click here](#)
- C964 – Senior Electrical Engineer - Building Services, Manchester, to apply please [click here](#)
- C825 – Safety Consultants (Principal and Senior), Manchester, Warrington, Basingstoke, to apply please [click here](#)
- C843 – Lead Engineer (Nuclear), Warrington, to apply please [click here](#)
- C754 – Structural/Civil Engineer (Nuclear), Bristol/Warrington, to apply please [click here](#)
- C808 – Senior Civil/Structural Engineer, Bristol, to apply please [click here](#)
- C965 – Senior Mechanical Engineer, Liverpool, to apply please [click here](#)
- C966 – Senior Electrical Building Services Engineer, Liverpool, to apply please [click here](#)
- C963 – Network Control Centre Manager, Mansfield, to apply please [click here](#)
- SWR416 – Geotechnical Section Manager, York, closing date 22nd December 2008, to apply please [click here](#)
- SWR417 – Senior Civil Engineer, York, closing date 22nd December 2008, to apply please [click here](#)
- SWR418 – Senior CAD Technician, York, closing date 22nd December 2008, to apply please [click here](#)

To view the full list of our current vacancies please [click here](#) or contact your local Recruitment Consultant.

Contact Details

RE: [Ruth Eskdale](#) T: 01256 310511

SWR: [Amanda Haines](#) T: 01793 508634

SW: [Suzanne McDermid](#) T: 0141 354 5880

CS: [Lynda Skipper](#) T: 01256 310212

JS: [Jo Smith](#) T: 01256 310608

JW: [Jo Webb](#) T: 01256 310466

C: [Laura Webb](#) T: 01246 244519

OW: [Oli Williams](#) T: 01256 310459

To apply for any of the above positions, please go to <http://careers.scottwilson.com/unite> or select the “ Jobs” option from the Menu Bar available on any page of Unite. Here you can search for current opportunities and apply online. Applications from suitably qualified internal applicants are encouraged. If you wish to obtain further information about a position before applying, please contact the relevant recruitment consultant. When formally applying for a vacancy, please ensure you inform your existing line manager.

** amount dependent on grade, bonus is paid after 3 months service. Please see Section 26 of the Employment Policy and Procedures Handbook available on the HR and Employment section of Unite to see the full Referral Scheme Policy.*

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Social and Community

Wishing you all a very Happy Eid al-Adha

Monday the 8th December 2008 was Eid al-Adha (Arabic: عيد الأضحى or 'Īd ul-'Aḍḥā) the latter of two Eid festivals celebrated by Muslims

Eid al-Adha annually falls on the 10th day of the month of Dhul Hijja (ذو الحجة) of the lunar Islamic calendar. The festivities last for three days and occurs the day after the pilgrims conducting Hajj, the annual pilgrimage to Mecca in Saudi Arabia by Muslims worldwide, descend from Mount Arafat. It happens to be approximately 70 days after the end of the month of Ramadhan.



Four thousand years ago, Ibrahim (Abraham) was told by God to build a shrine dedicated to him. Ibrahim and his son constructed a small stone structure – known as the Ka' aba - which was to be the gathering place for all who wished to strengthen their faith. After many centuries, Mecca became a thriving city thanks to its reliable water source, the well of Zam Zam. In the year 628 the Prophet Muhammad set out on a journey with 1400 of his followers. This was the first pilgrimage in Islam and the picture shows the Ka' aba as it is today, surrounded by one of the largest Mosques built. Today an average of 3 million Muslims visit

Mecca each year for the pilgrimage, which brings with it many engineering and transportation challenges.

On behalf of my fellow Muslim colleagues at Scott Wilson we wish you all a very Happy Eid and a prosperous year ahead.

[Dr Marwan AL-Azzawi](#), Associate, Glasgow

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Buy and Sell

For Sale:

Toshiba VHS Player V634UK (almost new, complete in box, with instructions & remote control) - £10

Philips 21" TV 21PT5409/05 (almost new, complete with stand, instructions & remote control) - £15

Contact [Marianne Edwards](#), Basingstoke

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House for rent in Sheffield 12 area (10 miles from Chesterfield office)

3 bed terraced house
Fully furnished
Including washer, TV, beds etc
Central /heating

Ready for December occupancy
£450/month

Contact: [Vernon Goodchild](#), Chesterfield ext 244563
Or tel 01142692305 outside office hours

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Articles for Interchange

Articles should be submitted by close of business on Monday to <mailto:Interchange@scottwilson.com&subject=%20New%20Interchange%20Article> Any articles received after this deadline will be held over until the following week's issue.

Articles must be no longer than 300 words and all pictures should be in JPEG or similar format (not embedded in a document). The contact, e-mail, and job title of the contributor should be submitted with each article.

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