

CURRICULUM VITAE

PETER A. JOHNSON - Planning Director

BSc, FICE, MCI Arb, MIHT, MCMI, MAPM

Summary

A Chartered Civil Engineer who has over forty years experience in the construction industry gained across the United Kingdom, Europe and the Middle East. He has considerable experience in project planning and management and in the preparation and defence of building and civil engineering claims. Examples of project involvement, with values up to US\$1.5 billion, are:

- Low and high-rise commercial , residential and industrial buildings
- university & school campus
- hospitals & hotels
- airport terminal, aircraft hangers & hardened shelters
- land reclamation
- mechanical and electrical installations
- military establishments
- power stations – coal, gas and oil
- Power distribution (220 Kv – 415v)
- Subsea cable laying
- petro-chemical plants, oil refineries & gas plants
- roads, car parks and paving
- road, rail, sea and river crossings
- water treatment plants
- water-retaining structures
- sewage treatment plants
- drainage and sewerage works
- sea-locks and harbour
- Water supply pipelines
- District Cooling
- highways, steel and concrete bridges and flyovers
- military and civil airfields and airports
- asphalt and concrete manufacture
- main-line and industrial railways
- industrial process plants
- surface and subsurface colliery works
- marine works, dredging & piling
- quarrying, crushing and screening
- Pneumatic Waste collection
- Tunnel Construction

He holds a BSc Honours Degree in Civil Engineering, is a Fellow of the Institution of Civil Engineers, a Member of the Chartered Institute of Arbitrators, a Member of the Institution of Highways and Transportation Engineers, a Member of the Institute of Management, Member of Bahrain Society of Engineers, Member of the Association for Project Management, a Member of the Project Management Institute (USA), a Member of the Association for the Advancement of Cost Engineering International and a Member of the Society of Construction Law. Specialist user of Primavera Project Planning (P3 and P6) software.

Experience of JCT, ICE, IChemE, FIDIC (including Civil, Design & Build, Plant and EPC editions) bespoke forms of Contract and GC Works, Model and Sub-contract Forms.

1990 – Present Linacre Associates Ltd./Linacre International Ltd.

Planning Director and Manager of Chesterfield office (formerly, resident manager of the Bahrain branch office) providing project planning services, dispute resolution and Expert Witness services. Appointed by Owners, contractors and subcontractors on various major projects to provide contract administration services, critical path planning, forensic delay analysis and Expert testimony, claim identification, preparation, defence and settlement.

Assignments have included:

- Appointed by a Chinese Nationalised Contractor for Delay Expertise for Dispute Avoidance of a US\$1.5 billion Infrastructure project in Doha, Qatar

Project Planning and Management Consultants

- Appointed by a Chinese Nationalised Contractor for Delay Expertise for DAB Hearings of a £50 million Wastewater project (including micro-tunneling) in Muscat, Oman
- Advised Dutch Offshore Contactor on programme for Wind-farm in UK North-Sea waters
- Delay Analysis and Expert Report for Arbitration in Ireland of a €100 million Design & Build Motorway/National Road – appointed by the Design & Build Contractor
- Advised Dutch Contactor on delays and EoT entitlement for a Windfarm in German North-Sea waters.
- Appointed by a Local Authority in Ireland in respect of a water supply pipeline contract
- Appointed by a Local Authority in Ireland in respect of Conciliation with Contractor on a Housing Development
- Appointed by a Spanish Contractor in respect of an Arbitration of a Contract for the construction of a Housing Development in Dublin, Ireland
- Appointed as Tribunal Expert for Delay Matters for an Arbitration of a €40 million building project in Bucharest, Romania
- Scheduling advice to a German EPC Contractor involved in Shale Gas extraction process plant in Estonia
- Scheduling advice to an Italian EPC Contractor regarding a Gas storage project in Poland
- Expert analysis of over 700 concurrent delays on military airbase project in Bahrain for arbitration covering buildings, earthworks, pavements, concrete manufacture, specialist M & E services, utilities – appointed by the Chinese Contractor.
- Expert Report and analysis of delays on an EPC contract for €100 million innovative Waste Water Process plant in Ireland – appointed by the American EPC Contractor
- Advice and Report on Delay Analysis of a £12 million subcontract for Civil Works for a Waste Processing Plant in Northern England – appointed by the Civil Works Sub-contractor
- Expert Witness in arbitration for a subsea waste water pipeline project in Dublin bay – appointed by the Contractor Consortium
- Scheduling and management advice to a British Water Authority regarding capital projects for water catchment, treatment and distribution for next 20 years.
- Delay Analysis and Expert Report for Arbitration in Ireland of a €10 million factory extension
- Delay and Productivity Analyses and Expert Witness report for Arbitration in Saudi Arabia of a US\$100 million Gas Processing Plant – appointed by the EPC Contractor
- Delay Analysis and Expert Report for Litigation of disputes on a US\$900 million Gas Processing Plant in Qatar – appointed by the German EPC Contractor
- Delay Analysis and Expert Report for Arbitration in Ireland of a €10 million civil works contract near Dublin – appointed by the Property Developer
- Delay analysis for Arbitration of a €40 million Building complex in Dublin – appointed by the multinational Contractor Joint Venture
- Expert witness report & delay analysis for Contractor/Subcontractor dispute on a Design & Build contract for a continuous steel smelting/casting project in northern England – appointed by the Main Contractor
- Expert Report for TCC Litigation on Quantum of Professional Indemnity Claims for an £100 million Process Plant in Ireland – appointed by the EPC Contractor
- Delay analysis and dispute avoidance advice in respect of construction of City Academy in England - appointed by the Employer
- Delay analysis and Expert Report for Conciliation for a pair of Road Projects in Ireland – appointed by the Council Employer
- Delay analysis and Expert Report for Arbitration for a second pair of Road Project in Ireland – appointed by the Council Employer

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- Expert Report for disputed €80 million mixed use (retail, hotel, transport interchange and residential) development in Dublin, Ireland – appointed by the Contractor
- Delay Analysis and Expert Report for PI Insurers on a disputed Building Project in Manchester, England – Appointed by the Designer
- Delay Analysis for resolution of disputes in connection with an EU-funded Motorway in Romania for Spanish Engineering Consultants.
- Expert Report for disputed €40 million mixed use (retail, commercial and residential) development in Kilkenny, Ireland – appointed by the Contractor
- Planning advice and advice on extension of time for the refurbishment and reconstruction of an Iconic building in London W1 of £400m in value – appointed by the Developer
- Expert Reports for mediation and FIDIC DAB followed by negotiated settlement for a £60 million hotel in Khartoum, Sudan – appointed by the Libyan Owner
- Expert witness investigation and reports for dispute in TCC, London (case settled on day 1 of Trial) in respect of a £40 million building for a bank data processing centre in London – appointed by the Contractor
- Expert evidence on causes of delayed commercial development in Southern Ireland – appointed by the Contractor
- Expert evidence on causes of delayed landscaping and drainage project in Western Ireland – appointed by the Council Employer
- Advice on planning for Conciliation and DAB for Dublin Port Tunnel – appointed by the Contractor
- Expert Report for large Process plant in Southern England – appointed by the Water Authority
- Expert report for Adjudication of delayed completion of a marine project in Northern Scotland – appointed by the Contractor
- Determination of causes of prolongation/delay (including delay by Designers) on a refurbishment/new build project for Horse-race and Conference facility in Southern England – appointed by the Owner
- Expert report on delays due to ground conditions/specification on a motorway project in Poland – appointed by the JV Contractor
- Advised Iranian contractor on extensions of time, disruption and prolongation costs of a delayed petro-chemical plant infrastructure project in Iran – appointed by the Contractor
- Expert determination on delay analysis methodology of a US\$500 m project in Hong Kong – appointed jointly by the Owner and Contractor
- Advised International equipment manufacturer of delays in completion of US\$500 million commercial building project in Egypt - appointed by TV equipment manufacturer (JV lead Contractor)
- Expert report on extension of time due on major refurbishment (with façade retention) of listed building in Leeds – appointed by the Developer
- Expert report on extension of time due on major reconstruction of listed building (façade retention) in London – appointed by the Contractor
- Expert Witness in Arbitration for time and cost implications of employer and main contractor delays on a major shopping complex in Bahrain - - appointed by the M & E sub-contractor
- Examination and analysis of time aspects of dispute on a light-rail system in North West England – appointed by the JV Contractor
- Expert report on time and cost implications of more than 300 M & E subcontractor delays and deficiencies on a major complex of public buildings in South West England – appointed by the Main Contractor
- Examination of claims by roofing subcontractor for major complex of public buildings in South West England and recommending settlement figure. – appointed by the Main Contractor
- Final account negotiations on behalf of a Middle East subcontractor
- Analysis of programme and cost implication of changed methods of rock excavation and crushing on a Middle East project – appointed by the subcontractor

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- Evaluation of subcontractor claims for unforeseen ground conditions on a Middle East project - appointed by the subcontractor
- advising a Dutch dredging contractor in connection with cutter-suction dredging for oil exploration work in Arabian Gulf
- provision of planning services for water industry asset management programme in Northern British Isles – appointed by the Water Authority
- supervised provision of planning services for water industry asset management programme in North East England – appointed by the AMP Contractor
- supervised provision of planning services for water industry asset management programme in Central England– appointed by the AMP Contractor
- Analysed and reported on time and cost implications of variations, delays and disruptions on the work of Indian M & E subcontractor on an international airport terminal project.
- Advised M & E subcontractor on contractual aspects of faulty pipework in a 300 bed hospital in Bahrain

Has appeared as Expert Witness on time and monetary impact of concurrent employer, contractor and subcontractor delays before international Arbitrators. Lectured to local RICS branch on computerized critical path planning. Lectured to Society of Construction Law, London on the Analysis of Complex Delay Claims. Member of SCL working party on the preparation of the Society of Construction Law Protocol for Delay and Disruption (published October 2002).

1984 – 1990 United Gulf Asphalt & Construction Co., Bahrain

General Manager - re-engaged to expand asphalt specialist into major civil engineering contractor. Responsible for all aspects of the company's operations and reported to board of directors consisting of family members. Major facilities included quarrying, crushing and screening, importing of aggregates by barge from UAE, dredging, concrete manufacture, asphalt manufacture and laying, general civil engineering. Contracts of individual value up to US\$50 million included - military airbase subcontract for earthworks (cut/fill 4.0 million m³), paving concrete, pipework etc.; Saudi-Bahrain Causeway (overall project value \$1,200 million) subcontracts on sections 1B, 1S, 2 and 4, numerous road contracts for Ministries of Works, Housing and Defence and contracts for Bahrain National Oil Company (refinery) and Bahrain National Gas Company (Gas processing)

Additional responsibilities included formation of joint ventures with various international companies for major civil engineering and building contracts. Introduced critical path planning to the company in 1985 and developed its use for resource and financial planning and for work scheduling.

1983 – 1984 Henry Boot Construction Plc

Senior Contracts Manager for Southern Region - responsible for up to 10 concurrent contracts including roads and bridges over rail, road and river, hardened aircraft shelters. Duties included the identification and negotiation of contractual issues and the preparation of contractual claims, physical and commercial planning, construction management.

1981 – 1983 United Gulf Asphalt & Construction Co., Bahrain

General Manager appointed to develop of small family business into Government approved asphalt contractor. Duties included identification of commercial opportunities, resolution of technical problems, selection of staff and equipment for setting up of sound, viable and profitable business.

1978 – 1981 Tilbury Construction Plc (Now Interserve plc)

Regional Manager for Northern region of company. Contracts undertaken included dock refurbishment, tidal river channel improvement, major earthworks, drainage schemes, potable water storage reservoirs, sewage treatment works, refurbishment of swing bridge in dock area (included temporary piling works), bridges over rail (including main-line possessions), road and river and sheet piling works for coal handling plant. Duties included estimating and pre-contract engineering including planning and assessment of ground conditions. Responsible for all contract administration, dispute management and resolution within the Region.

1978 - Redpath Dorman Long (Contracting) Plc

Project Manager for structural steel fabrication subcontract contract at USAF Lakenheath for 30 NATO hardened aircraft shelters. Duties included project planning, assessment of major contractual claim and establishment of system for record keeping.

1976 – 1978 Hutchinson & Johnson Limited

Managing Director for small building and civil engineering start-up company. Contracts included houses, power station drainage and commercial buildings.

1972 – 1976 Henry Boot Construction Plc

Section Engineer, Regional Planner and later Agent on a variety of contracts including coal handling terminals, railway trackwork, oil storage farms, power stations, steel works, roads and bridges (including main-line possessions). Responsible for planning (by manual critical path techniques) of a complex urban motorway through heavily developed area. Duties including contract administration, claim preparation and computerized critical path planning using main-frame computer.

1971 – 1972 Cubitts Civil Engineering (Now Carillion plc.)

Section Engineer on M56 Motorway contract consisting of 7 miles of motorway with 30 major structures. Duties including setting-out, short-term planning and resource allocation, pre-stressing of bridges, measurement records and design of rectification system for defective bridge bearings.

1968 – 1971 Husband & Company Consulting Engineers (Now Mott MacDonald)

Design Engineer involved mainly in the design of reinforced and prestressed concrete bridges, flyovers and viaducts including design of reinforced and piled foundations. Also engaged as Resident Engineer for Soils investigation contracts for urban motorway, including interpretation of data for use in foundation design.

Computer Experience

Extensive experience of spreadsheets and databases (including MS Excel, Lotus 123, Lotus Approach and MS Access.) and in mainframe and PC based project management software (including: Primavera P6, Primavera P3, Primavera Monte Carlo, Suretrack, Hornet, MS Project, CS Project, CCS, Pertmaster and PowerProject). Good knowledge of word processing (MS Word) and graphics (Corel Draw, Freelance, Powerpoint, Visio, Macromedia Flash, Adobe Photoshop) software.

Full Time Education

1958 –65: Chesterfield Grammar School – GCE 'A' levels in Physics, Chemistry, Pure and Applied Mathematics

1965 –68: University of Nottingham – 2:1 degree with honours in Civil Engineering

Postgraduate training & Short Courses

- 1969-1976 Sheffield Polytechnic - Advanced Structural Engineering, Cobol programming, Fortran programming
- 1971 Cement & Concrete Association: Design of heavily skewed prestressed concrete bridges
- 1976 Various in-house courses on ICE Conditions of Contract and Contractual Claims
- 1979 University of Leeds: English Law and the ICE Conditions of Contract
- 1980 Finance for Non-financial Managers
- 1984-1989 several residential courses on FIDIC Conditions of Contract and Proving Contractual Claims
- 1985 Doing Business with the US Government
- 1988: London U.K. - Proving Construction Claims; Proving Construction Contract Damages
- 1988: Bahrain - Delays, Claims, Liquidated Damages
- 1989 & 1990 ICCA - Conference on International Arbitration, Bahrain
- 1991 & 1995 Kings College London, Conference on Commercial Arbitration
- 1994 Chartered Institute of Arbitrators - Associate Member Entry Course
- 1999: Primavera Training in use of Monte Carlo (Risk Analysis) Software
- 1999: Single Joint Expert Training.
- 2000: ICE Courses on Adjudication and Conciliation
- 2006: Delay & Disruption Course by Daniel Atkinson
- 2007: Intermediate Use of MS Access Database
- 2008: Advanced Use of MS Access Database
- 2009: 4 session AACEI "Webinar" on Lost Productivity Claims
- 2009: Bond Solon Update on Part 35 of CPR, Practice Directions and Protocols.
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Hobbies and interests

Formerly active participation in squash, racketball, hiking, sailing and equestrianism plus equi-culture, application of computers, politics and bridge. Arm-chair follower of most sports. Member of Manchester United.

Personal Details

British passport holder, Born in England in 1947

Lives in Chesterfield, Derbyshire, UK. Married 1969 with one married daughter and 2 grandsons