



## GERRY MCCAFFREY

BSc (Hons.) CEng FICE FCIIOB FCI Arb LLM (Const. Law)

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### SPECIALISATIONS

Construction planning and programming for engineering and building projects. Skilled in leading examination, analysis and reporting on issues of delay/disruption and acceleration on complex works. Very effective team player with highly developed problem solving skills. Practical in a controversial field and commercially astute. Instructed on numerous occasions to act as Independent Planning Expert by leading UK solicitors.

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### HIGHLIGHTS

Appointed by high profile Arbitral Tribunal as Expert Assessor on planning & programming matters in \$1 billion international arbitration. Appointed by Government of Trinidad & Tobago as Expert for Public Enquiry investigating Construction Industry in the country. Joint Party-appointed Planning Expert on substantial disputes. Numerous Expert appointments to assist parties and tribunals in many dispute forums.

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### EDUCATION AND PROFESSIONAL STATUS

Chartered Engineer, Chartered Builder, Honours Degree in Civil Engineering, Masters Degree in Construction Law, Fellow of Institution of Civil Engineers, Fellow of Chartered Institute of Arbitrators, Fellow of Chartered Institute of Building. Approved Listing in Law Society of Scotland Directory of Expert Witnesses. Member of Society of Construction Law. Committed to ongoing Professional Development. Visiting lecturer at Glasgow/Strathclyde University for Masters Course in Construction Law.

### BRIEF SUMMARY

Employed in construction and engineering sectors for 31 years. After 10 years in site engineering/site management roles with main contractors developed keen interest in design of temporary works and construction planning. Since 1990 worked in planning roles with periodic roles in project management. In contracting roles a balance was maintained between tender planning, contract planning and site planning whilst working a key member of the estimating team. Primary responsibility encompassed development and maintenance of the technical and strategic content of construction programmes and method statements for a wide range of building and engineering projects. In some cases difficulties arose on live contracts, which required careful handling both legally and technically. This led to formal study of the relevant law to improve effectiveness in applying practical technical experience to complex construction problems and to communicate findings / strategies to legal advisors and wider members of the team.

### EXPERT AND CONSULTANCY ROLES

- Nuclear Power Station, Lithuania, Expert
- Wembley Stadium, Expert
- Ousedale School, Milton Keynes, Expert
- Sheffield, Tinsley Viaduct, Expert (Joint)
- Sudan, Pipeline & Pumping Stations, Expert (Joint)
- Coatbridge, Industrial Building Complex, Expert
- Epsom, Long Grove Development, Expert, Prelim
- Trinidad, Solomon Highway, Expert, Preliminary
- Borders, M6 Motorway, Expert, Mediation
- Ayrshire, Open Cast Coal Mining, Expert
- Hastings, Bathing Water Scheme, Expert, Mediation
- Uddingston, Industrial Unit Production Facility
- Nepal, Kali Gandaki Dam, Expert, Preliminary
- Culbokie, Sewage Treatment Wks, Expert
- Glasgow, Southern General Hospital
- M6, Birmingham, Expert
- Dublin, Materials Recovery Facility, Expert
- Univ of Surrey Sports Centre, Expert, Mediation
- London, Royal Opera House, Mediation
- London, Charing Cross Hospital, Advisory
- Ayr Central Retail Development, Expert
- Southwark, Fire Station, Preliminary, Mediation
- East Luton Corridor, Expert
- Glasgow, City Centre Streetscape Project
- Argyll & Bute, Waste Management Scheme
- Tayport, Pumping Station Telemetry System
- Glasgow, City Centre Building, gap site RC Frame
- Perth, Scottish Hydro Electric's, CIS Project
- Brunel University Sports Facilities, Expert
- Edinburgh, Forth Rail Bridge, Advisory
- Balmore, Large Diameter Water Main & Pump Stn
- Cairo, Media City Complex, Advisory
- Glasgow Science Centre, RC Frame

## CAREER SUMMARY

- 2005 - Present **Director of Acutus.** Key engineering player in core team responsible for developing Acutus as a market leading consultancy in the provision of expert services to the construction and dispute resolution markets.
- 2003 - 2005 **Director with Precept, London.** Precept were a specialist company with a sharp focus on the delivery of planning and programming solutions for construction projects prior to their takeover by Navigant. In Precept - carried out and supervised teams in the research and production of Expert reports in addition to management role in live projects.
- 1998 - 2003 **Associate Director (Planning) with Trett Consulting, Scotland.** Primary responsibility to undertake programme analysis and to provide expert opinion in relation to construction projects in dispute. Predominantly employed by contractors and subcontractors.
- 1995 - 1998 **Senior Planning Manager with Bovis, Glasgow** on £85M Buchanan Galleries Shopping Centre in Glasgow. Heavily involved in all trade packages regarding programme and constraints upon trade packages. Materially interfaced with design team via hands on management of information required schedules and procurement programmes.
- 1993 - 1995 **Senior Planning Engineer with Kier Construction, Glasgow.** Primary duty was to undertake tender planning for contracts up to a value of £20M. Key member of the estimating team. Responsible for determining strategy, resource levels, time-scales and method statements. Particular emphasis on roadworks and corresponding planning tools (time-chainage-charts).
- 1991 - 1993 **Planner / Senior Planner with R J Levack, Blantyre.** Responsibilities included the creation and maintenance of contract and tender programmes using planning software. Typically tracked between four and five projects at any given time, ranging in value from £250,000 to £3M. Quickly adapted to the practical use of critical path methods in programming.
- 1980 - 1990 **Site Engineer / Agent with AMEC.** Gained all-round experience and structured training on a wide variety of construction projects throughout Scotland.

## PLANNING & PROGRAMMING WITH MAIN CONTRACTORS. TENDER, CONTRACT AND SITE PLANNING.

- Buchanan Galleries Shopping Centre, Glasgow, 3 yrs.
- Newton Street Tunnel, Greenock
- Bankhead Interchange, Fife
- South Humber Power Station (Turb & Generators)
- M8 Upgrade E/B Capacity Bridges 8a and 9
- Brevig Harbour - Quay wall Const. & Channel Excav.
- M9 - Friarton Bridge Strengthening
- Johnstone Bypass
- M66 - Hollingwood Underbridge 26a (Possession)
- Skye A850 Brove to Dunvegan Works
- Ayr Road Route Phase 1A
- Halbeath Roundabout Reconstruction Works
- M74 - Maryville to Fullerton Road
- Lhanbryde Roadworks
- Lowtherhill Communications Station
- Lossiemouth, RAF Facility - Steel Frame Building
- Overgate Shopping Centre, Dundee
- Glenrothes Western Distributor-Cable Stayed Bridge
- Ocean Terminal Tubular Piling (Tidal)
- Smithkline Beecham Effluent Treatment Facility
- Cupar Sewage Treatment Works
- A11 - Besthorpe to Wymondham Improvement Rd
- Lanark Sewage Treatment Works Reconstruction
- Rosyth, Active Waste Accumulation Facility
- Ardrossan Pumping Station & Rising Main
- Dunfermline Sewage Treatment Works
- Inverkip Sewage Scheme (micro tunnelling)
- M73 / M74 - Overhead Gantries
- Rothesay Harbour Improvement
- Calder Works, Land Reclamation, Coatbridge

## SITE ENGINEERING AND PROJECT MANAGEMENT ROLES

- Buchanan Galleries Shopping Centre
- Dynamic Earth Building Project, Edinburgh
- Glasgow Airport Bulk Fuel Storage
- Shieldhall Sewage Treatment Works
- Daer Reservoir Spillway
- Craigowl Communications Mast
- THORP Nuclear Reprocessing Plant
- Stevenston Water Treatment Works
- Red Road Flats, Glasgow
- Tayport Sewage Pumping Station Civils / Building
- Stonehaven Bypass
- RNAD Coulpport Reinforced Concrete Facilities
- Royston Road Railway Bridge
- Jackton Masonry Bridge