

1998 *HW Coffey*

Robert McGOWAN

Present Appointment Director

Date of Birth 1939

Nationality British

Education BSc Hons University of Strathclyde, 1960

Professional Qualifications Fellow of the Institution of Civil Engineers
Fellow of the Institution of Structural Engineers
Fellow of the Institution of Highways and Transportation
Fellow of the Chartered Institute of Arbitrators
Member of the Association of Consulting Engineers

Languages English : Mother tongue

Synopsis Bob McGowan is currently Chairman of Scott Wilson International Holdings Ltd. He has been a Director of Scott Wilson (formerly Partner) since 1981. He has held numerous appointments with professional bodies including from 1992 to 1995 membership of the Council of the Institution of Civil Engineers.

As a Director with the firm, he has had overall responsibility for a wide variety of work including several major transportation infrastructure projects and many heavy civil engineering and structural schemes both in the UK and overseas. These have included major highway schemes, railways, bridges, tunnels and other civil engineering structures.

Prior to becoming a Partner, he was responsible for all bridge and structural work undertaken by SWK (Scotland). Earlier in his career he developed a broad and detailed experience of civil and structural engineering working on transportation projects, power stations, bridges and water supply projects. During this period he spent 2 years working in SWK's Nairobi office.

Before joining SWK in 1967, he spent 5 years contracting in both the UK and Zambia with Mitchell Construction Co Ltd followed by design office experience with Balfour Beatty & Co Ltd in London and Canada on hydro-electric and thermal power stations.

Professional History

- 1998 to date** **Chairman, Scott Wilson International Holdings Ltd.**
- 1994 to 1998** **Director (Partner) Scott Wilson Holdings Ltd**, based in Basingstoke office with responsibilities for a wide range of the firm's activities in UK and overseas.
- 1981-1994** **Partner, Scott Wilson Kirkpatrick & Partners**, resident in the Glasgow Office and responsible for various projects and studies including:
- 30km of new dual three motorway (M74).
 - 26km of other road and associated bridges in the West of Scotland.
 - A two-year planning study for HM Naval Base, Rosyth.
 - Feasibility and route location for 15 miles of new railway in Scotland.
 - An 85 metre long prestressed concrete canal aqueduct.
 - Inspection and repair of several concrete bridges.
 - Investigation and remedial work to road embankment slip.
 - Numerous structural/geotechnical investigations for cracked, damaged or failed structures (including Kingston Bridge, Glasgow).
 - Independent Category III bridge checks.
 - Design of viaduct and elevated interchange ramp bridges for Tuen Mun New Town, Hong Kong.
 - Design of approximately 50 bridges for the New Federal Capital City of Abuja, Nigeria.
- 1979-81** **Associate**
- Responsible for: Supervision-in-chief of 3 road bridges on Dumbreck Road Connection, part of the Glasgow motorway system. Design of 3 river bridges in the North of Scotland. Independent check design of a major river bridge over River Dee in Aberdeen. Structural aspects of Hong Kong Cross-Harbour Tunnel capacity increase study.
- 1973-79** **Principal Engineer**
- Responsible for: Final stages of design, contract document preparation and supervision-in-chief for structural aspects of Renfrew Motorway Stage 1, comprising 6 road bridges, a viaduct, 5 footbridges and numerous retaining walls. Design of structures on Townhead Interchange Stage II - 5 road bridges, a railway bridge, a footbridge and associated retaining walls. Design for Ayr Motorway Stage 1 structures - 5 road bridges. Final design of treatment works and river intake for 12 mgd, Mombasa and Coastal Water Supply Project, Kenya. Final design of treatment works and dam headworks for 4 mgd Ejigbo Water Supply Project, Nigeria.

- 1971-73 **Senior Assistant Engineer** engaged on detailed design and drawings for structures on Renfrew Motorway Stage 1.
- 1970-71 **Design Engineer** employed in Nairobi, Kenya, on the design of bridges and drainage structures for various road projects.
- 1969-70 **Resident Engineer (Bridges)**, responsible for prestressed and reinforced concrete bridges and foundations for the Glasgow Inner Ring Road.
- 1967-68 **Assistant Engineer (Chartered)** engaged on the design of prestressed and reinforced concrete bridges and foundations for the Glasgow Inner Ring Road.
- 1966-67 **Design Engineer** in London and Vancouver, Canada, with Balfour Beatty & Co. Ltd. engaged on the design of reinforced concrete structures for hydro-electric and thermal power stations.
- 1960-65 **Assignments with the Mitchell Construction Co. Ltd.:**
- Design Engineer/Planning; Site Agent Fittleworth Bridge, Sussex; Site Agent R.C. tanks, Chambishi Copper Mine, Zambia; Section Engineer, Midmuir Aqueducts, Loch Awe; Assistant Engineer, Windscale Nuclear Power Station.
-

Publications and Papers

- “P1/P2 Interchange Hong Kong”. Joint Author. Institution of Structural Engineers, October 1985.
- “Transport Integration : Sensible Planning or Political Cliche”. Joint Author. European Infrastructure Development 1991.
- “The Aesthetics of Bridge Design”. Presented to Postgraduates at Strathclyde University, November 1992.
- “Transport Issues for Politicians”. Presented to Scottish MP’s ICE Deputation to the House of Commons, 9 December 1992.
- “Management and Supervision”. Presented to ‘ICE Conditions for Design and Construct Contracts Conference’, 23 February 1993.
- “Arbitration”. Presented to the Association of County Surveyors Graduate Training Course Hamilton, February 1993.
- “Arbitration”. Presented to Strathclyde Regional Council Roads Department, Autumn 1993.
- “Design of Roads in the Countryside”. Presented to ‘Roads, Bridges and Transportation in the Countryside Conference’ Dundee, 11 December 1993

OTHER APPOINTMENTS

The Institution of Civil Engineers

- 1983-86)
1992-95) Member of Editorial Board, New Civil Engineer magazine
- 1986-95 Member, Glasgow & West of Scotland Association Committee
- 1988-97 Reviewer for the "Chartered Professional Review"
- 1991-92 Chairman, Glasgow & West of Scotland Association
- 1992-95 Council Member
- 1992-93 Member, Structural & Building Board
- 1993-date Director TTSL Board
- 1993-96 Chairman & Vice Chairman, Arbitration Advisory Panel
- 1993-96 Member, Conciliation Advisory Panel
- 1995-date Member, Investigating Panel

The Association of Consulting Engineers, Scottish Group

- 1987-94 Honorary Secretary

The Chartered Institute of Arbitrators

- 1980-date Member Scottish Branch Committee
- 1985-date Member, Panel of Arbitrators
- 1993-95 Chairman, Scottish Branch

The Scottish Council, Development & Industry

- 1990-93 Member of Executive