

CURRICULUM VITAE



Alan HW Baker
Structures

POSITION

Associate

DATE of BIRTH

06 September 1950

NATIONALITY

British

LANGUAGES

English (Mother Tongue)

QUALIFICATIONS

BSc (Hons)

Chartered Engineer

Member of the Institution of Civil Engineers

Member of the Institution of Highways and Transportation

KEY SKILLS

Project Management

Bridge Design

Bridge Inspections and Assessments

Railway Bridges

Highway Bridges and Structures

Synopsis

Alan Baker is an Associate with Scott Wilson. In recent years he has been responsible for the design and contract preparation of a variety of structural schemes in the UK and abroad, and project manager for railways, roads, bridges and structures contracts in Scotland and elsewhere in the UK.

He joined Scott Wilson in 1973 after graduating from the University of Glasgow and became involved in a wide range of structural and roadworks projects, concrete and steel bridges, tunnels, water retaining structures, jetties and aqueducts, and proposals for structures and roadworks in Hong Kong, West Africa and the Middle East. He has assisted in the site supervision of a major motorway contract in Central Scotland, been Resident Engineer for a helicopter hangar extension in Shetland, and Resident Engineer on an offshore oil production platform. In addition, he has worked in West Africa and Hong Kong on the survey and final design of roads contracts. He has supervised the design of multi-span elevated viaducts in Hong Kong, and was responsible for the design of all bridges on the M74 Motorway in Dumfries and Galloway.

Recently, he prepared the contract documentation for all new works associated with the M6 DBFO Project for upgrading the remainder of the A74 to motorway standard and is now working on the final section north of Carlisle. He has worked on proposals for the restoration of the Forth and Clyde, and Union Canals and was responsible for the design of all bridgeworks on the A96 Blackburn/Kintore Bypass near Aberdeen. He is currently working on proposals to re-open the Waverley Railway and the Stirling - Alloa - Kincardine Railway in Scotland, and on the upgrading of the West Coast Main Line for Railtrack.



Selected Professional History

Waverley Railway Project

Project Manager for Civils work on proposals to re-open the Borders Railway, including outline designs of over 70 bridges, geotechnical and highways aspects.

Stirling - Alloa - Kincardine Railway Project

Project Manager for Civils work on proposals to re-open disused Railway, including outline design of remedial works to some 35 bridges, geotechnical and highways aspects.

West Coast Route Modernisation

Project Manager for the outline infrastructure design necessary to increase the capacity of the West Coast Main Line in the Trent Valley, Staffordshire. Includes some 40 no. new or reconstructed bridges, bridge assessments, bridge upgrading, and reinforced soil and soil nailed walls.

M6 DBFO

Preparation of Contract Documentation for all New Works for major Trunk Road Upgrading.

A74(M)

Outline and detailed design for some 40 no. bridges between Beattock and Ecclefechan. Supervision-in-Chief during construction.

Kincardine Bridge

Supervision of Independent Check of Assessment. Bridge is multi-span steel and concrete structure.

Concrete Society

Chairman of Scotland Region
2000 - 2001

Other Projects Include

Project Manager for part of National Cycle Network, including new bridges.

Project Manager for the design of several bridges for East Kilbride Development Corporation.

Supervision of design of several bridges on Blackburn and Kintore