

MIKE DYSON

PERSONAL DETAILS

FULL NAME:	Andrew Michael Dyson	DATE OF BIRTH:	9th June 1955
ADDRESS:	71 Westway Raynes Park London SW20 9LT	AGE:	65
CONTACT:	Home: 020 8715 2341 Mobile: 07799 337359 Email: mike.dyson@blueyonder.co.uk Or mike@whitestone55.com	NATIONALITY:	British
		STATUS:	Married

EDUCATION AND TRAINING

1966-1973	Kay Scholarship at Bury Grammar School (Boys), Bury, Greater Manchester
'O' LEVELS	Maths, Additional Maths, English Language, English Literature, Physics, Chemistry, French, Spanish, Art, Geography
'A' LEVELS	Maths (Pure and Applied), Physics, Chemistry
DEGREE	BSc (Hon) 2.2 in Civil Engineering, University of Nottingham
PROFESSIONAL QUALIFICATIONS	Chartered Engineer MICE MPWI

SUMMARY OF EXPERIENCE

I have over 40 years experience in Railways, generally track based but with knowledge of other engineering disciplines and non-engineering disciplines. My core skills are:

Ability to develop multi-disciplinary infrastructure solutions and operational solutions to satisfy the requirements of stakeholders, sponsors and operators.

Preparation of documents including, Remits, Technical Workscopes, Option Selection Reports (GRIP Stage 3), Concept of Operations, Output Definition Report (GRIP Stage 1).

Ability to talk to other engineering disciplines, operators, sponsors, stakeholders, QS, finance, planning in their language.

Strategic thinking – understanding the pathway to a solution and how to safeguard future aspirations when developing the solution for tomorrow.

EMPLOYMENT HISTORY

Dates	Position/Organisation/Employer	Synopsis
October 2017 - now	Director White Stone 55 Ltd Railway Consultancy	Arup – Providing operational and engineering input to the Crossrail 2 Project. Including bringing in a new design concept for Wimbledon that reduces railway and commercial disruption. North West Horsham Estates – Feasibility of providing a new station as part of a residential development, including enhancements that would add community benefits.
Feb 2017 - March 2018	Principal Schemes Design Specialist Future Projects Group IP Western, Wales and Crossrail Network Rail	GRIP Stages 1 – 3 development of projects, including Kensal Portobello Station (RBKC) and inputs on every proposal for works, including operational and engineering issues, for projects such as Bourne End to High Wycombe reopening and Oxford – Cowley passenger service.

Dates	Position/Organisation/Employer	Synopsis
Aug 2008 – February 2017	Senior Track Engineer/Principal Schemes Design Specialist Crossrail Programme IP Western, Wales and Crossrail Network Rail (Part Time from April 2012)	Designated Project Engineer for the development of GRIP Stage 3 designs for infrastructure works on Crossrail West (Paddington, Old Oak Common, West Ealing, Hanwell Bridge, Iver-West Drayton, Slough and Maidenhead). DPE for GRIP Stage 4 for Old Oak Common & Paddington Approaches including incorporation of IEP works. DPE for Relocation of Heathrow Express Depot from OldOak Common to Langley (for HS2) Supported Sponsors/Project Manager in consultation with stakeholders. Technical Workscopes, Requirements, Safety Management, issue resolution. Acting Project Engineering Manager, Future Projects Group (May 2016 to February 2017)
October 1999 – July 2008	Deputy Track Engineer, Track Engineer, Track Assurance Engineer, Principal Scheme Design Specialist West Coast Route Modernisation (WCRM) and West Coast Engineering Halcrow Rail/Railtrack/Network Rail	Safety Case work for Tilting Trains, Track/Train Interface studies and testing – for Pendolinos/Super Voyagers. Briefing Track standards and processing derogations. Scheme development: Line Speed Profile incl infrastructure constraints, aerodynamics and journey times. Instrumental in developing solutions for remodellings at Rugby and Milton Keynes that satisfy track, civil and signalling constraints. Issue resolution at other WCRM sites. Sponsor's engineer, advising on proposed changes to the infrastructure and liaising with the Department for Transport.
October 1997 – October 1999	Project Manager (R&D) Railtrack HQ Halcrow Transmark	Project Manager for Development of Standards for High Speed and Tilting trains, University research contracts, including vehicle dynamic modelling and sound and vibration.
January – October 1997	Project Manager Railtrack Property Projects Halcrow Transmark	Led, built up and closed down project supervising work on 286 stations (in the year before it became the Station Regeneration Programme).
March 1993 – September 1996	Railtrack Liaison Engineer Construction Department, Union Railways British Rail	Commentaries on construction activity within existing railway corridors. Staging and planning of railway works. Liaison with Railtrack and train operators about engineering impacts of construction. Negotiation of compensation regimes for the supplemental track access agreements between Railtrack and train operators for the possessions necessary to construct what is now known as HS1.

Dates	Position/Organisation/Employer	Synopsis
January 1991 – March 1993	Investment Manager Kings Cross Project British Rail	Obtaining financial authorities for aspects of the project by preparing submissions to the authorising body. Preparation of the four-weekly Project Progress Report. Co-ordination of the Project Management, Accounting and Procurement requirements into a cost control coding system, full cost control system was never fully developed. Co-ordination of the Project Specification document. Attribution of costs to businesses.
June 1987 – December 1990	Planning and Resources Assistant Director Channel Tunnel/ Director European Passenger Services/ Channel Tunnel (1993) Project British Rail	Programming for the BR Channel Tunnel Project. Financial planning, current year and project spends, budgets, etc. Guardian of Strategic Appraisal estimates, and providing commentaries on changes in monthly report to BR Board. Providing advice on financial systems and procedures to John Brown Engineers and Constructors staff and other BR members of the joint Project Management Team. Operation of the Change Control System.
September 1986 – May 1987	Assistant Project Manager, (Victoria) Regional Investment Manager's Office, Southern Region British Rail	Managing Cost Control, Change Control, Package Authorities, Programme. Preparation of Investment Submissions. Works were Victoria Rail-Air Terminal (over-station development), Station Indicator renewal and Introduction of Escalator Trolleys.
August 1981 - September 1986	Senior Engineering Assistant/ Assistant P W Design Engineer Route Development/ Permanent Way Design Office, Regional Civil Engineer's Office British Rail (LMR)	Outline Scheme design of permanent way layouts, including some design using computers. Site Surveys (manual and electronic total station equipment). Project Engineer, Merseyrail projects. Preparation of estimates, and cost reporting. Site Engineer, Dalston Kingsland Station (civils contract).
September 1978 - August 1981	Engineering Assistant Bridge Design Office, Chief Civil Engineer's Office British Rail (LMR)	Design of steel and concrete bridges for roads, railway tracks and station footbridges.
September 1976 - September 1978	Graduate Trainee Chief Civil Engineer's Office British Rail (LMR)	Seconded to Divisional Civil Engineers office in Nottingham, and various sections of the Chief Civil Engineers department to gain experience.

I am looking to contribute to the development of railway projects, where my wide knowledge of railway engineering and operations can contribute to the success of the project.