



Profile

I joined JPP in 1998 as a graduate engineer and was invited to join the board of directors in 2012. I lead the infrastructure design teams in JPP consulting in our Northampton and Manchester offices. I specialise in highway and drainage designs with a particular interest in the continued development and improvement of our BIM capabilities.

I am currently Chairman for the Northamptonshire branch committee of the Institution of Civil Engineers and manage our ICE Approved training schemes for staff progressing to membership.

Employment History

JPP	1997 – date
Graduate Engineer	1997 – 2000
Assistant Design Engineer	2000 – 2003
Project Engineer	2003 – 2006
Senior Infrastructure Engineer	2006 – 2007
Associate Director	2007 – 2011
Director	2011 – date

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Relevant Experience

Highways Engineering

Managing the teams responsible for the production of Transport Assessments and statements along the framework and detailed travel plans including new junction design, impact mitigation and model shift strategies for residential and commercial schemes.

Undertaking off site junction capacity assessments to include modelling. Identifying and designing nil detriment improvements. Detailed design of public highways and junction layouts including right turn lanes as well as roundabout and signalised junctions in relation to industrial, commercial and residential developments.

Preparing chapters for Environmental Statements and representing developers at public consultation events.

Following consultation procedures with adoption authorities in seeking and securing technical approvals in accordance with the Highways Act 1980, in particular, under Section 38 and 278. Detailing and supervising the detailing of site layouts and long sections, understanding the geometrical requirements and level of detail required for safe design.

Undertaking structural pavement designs for bituminous and hydraulically bound block paving and heavily loaded pavements.

Drainage

Managing the teams to develop strategies for the management and disposal of storm and foul water, detailed design of main foul and storm water drainage systems for various construction schemes. Following adoption procedures under the Water Industries Act 1991 including Sustainable Drainage Systems (SUDS) production of Flood Risk Assessment reports to satisfy NPPF and gaining approval.

Working with Local Authorities in advance of implementation of the forthcoming SUDS Approval Bodies, to develop design and detail standards for complete adoption of drainage schemes.

The production of Flood Risk Assessments to satisfy the requirements of the NPPF. These include deriving workable drainage solutions and storm water managements systems. Where required, considering mitigation measures such as flood plain compensation and 1D river modelling.

Preparing chapters for Environment Statements and representing developers at public consultation events.

Project Management

Preparation of tender and contract documentation, 'risk assessments', construction 'method statements' and undertaking evaluations of submissions in the same respect. Acting as 'Site Engineer/Project Engineer' in certifying construction works, agreeing valuations and general supervision in respect of new developments to a contract value of £2 million.

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