

James Carter

CEng MICE CMgr MICM MAPM BEng (Hons)
Associate Director



Profile

James is an experienced Chartered Civil Engineer and Planning Manager with other twenty years' experience in the planning and delivery of major civil engineering projects including resolution of disputes and matters of delay. Major project experience includes extensive new build rail, highway, airports and building projects throughout all project stages from feasibility to project closedown. James has experience in both managing the Planning function on major civils projects as well as delivering planning/Project Control's solutions.

James has held key Planning roles in consultancy, client and main contractor organisations and has significant experience in both the preparation and defence of claims for extension of time under different forms of NEC contract. Prior to moving into dispute resolution and project planning, James trained as a Civil Engineer specialising in highway design and managing multidisciplinary engineering teams.

An expert user of Primavera P6 and competent user of other recognised industry planning tools such as Microsoft Project, Acumen Fuse, Primavera Risk and excel, James has provided Planning Masterclass training within Main contractor organisations.

Qualifications and Professional Membership

CEng MICE	Chartered Civil Engineer – The Institution of Civil Engineers
CMgr MICM	Chartered Manager – Chartered Management Institute
MAPM	Member – Association for Project Management
BEng (hons)	Bachelor of Engineering with Construction Management

Career History

2021 to date	Associate Director at Tudor Rose Consultancy Limited
2020 to date	Senior Planning Manager – Main Contractor, UK
2019 - 2020	Planning Lead (Client Side) – Consultancy, UK
2015 - 2019	Planning Lead/Project Controls Manager - Consultancy, UK
2013 - 2015	Planning Lead (Client Side) – Consultancy, UK
2009-2013	Senior Engineer/Construction Planner – Consultancy, UK
2005-2009	Principal Civil Engineer - Consultancy, UK
2001-2005	Civil Engineer – Consultancy, UK
2000 - 2001	Graduate Engineer – Consultancy, UK

Assignments and Achievements

Delay Analysis

- Forensic review of designer programmes and assessment/reporting of design delays on a £2.8 billion rail project with a design value of over £100 million. Assessment of designers application for extension of time and definition of Key date criteria for contract set up and monitoring of key performance indicators.

- Forensic Delay analysis of complex change and close liaison with client side Forensic Planning team in order to successfully agree Key Date and Completion Date movements under the contract involving production of delay analysis reports utilising windows analysis on a £2.8 billion rail project.
- Production of a delay analysis report for a design consultancy on a major tunnelling new Station project in Central London. James was successful in demonstrating the delay and associated entitlement to an uplift in the Target Cost from £9 million to £26 million using “as-planned v as-built” approach. This involved a combination of 18 change programmes and incorporation of circa 3000 compensation Events impacted on the project baseline programme. A new supplemental agreement was put in place as a result. In addition, James was responsible for refuting claims from the main contractor resulting in the removal of disallowed cost.
- James provided a Delay Analysis report and assessment of a main contractors application for extension of time on a £140 million London Airport project- value of claim assessed circa £10 million “as-planned v as-built” approach and delay concurrency for a number of near critical paths considered as part of the analysis.

Rail

- Senior Planning Manager responsible for leading a team of 30 Planning Managers/Planners on a £2.8 billion rail project. James was successful in driving the team to achieve Clause 32 programme acceptance from client through the effective integration of all design and construction programmes into a single submission.
- Planning Lead for a design consultancy on the London stretch of major new build rail project. James was successful in developing the Stage 2 design programme throughout the Gateway lifecycle and achieved CL32 acceptance for all programme submissions throughout Stage 1. This was key to the Stage 1 design programme delivery within time and on budget. James successfully secured client approval for Clause 62 programmes in the order of £30 million.
- James was successful in the creation and development of the monthly progressed programme submission in P6 from first principals with accompanying narrative, working with Construction Planners and site teams to ensure alignment between the construction and design programmes at all times James was successful agreeing accepted baseline programme acceptance for a programme with a design value of circa £50 million.
- Progress monitoring and weekly reporting including, P6/excel droplines, Milestone Variance reports and written progress narratives/metrics. Presentation of progress to client Project Directors at weekly steering groups.
- Earned Value Analysis on a monthly basis including explanation of variations against the project baseline; review and integration of Design Progress Trackers and programme submissions utilising physical percent complete.
- Standalone Construction Planner for a new build £175 million rail station in east London including civils and fitout works during the detailed design and construction phases, utilising industry best practice output rates. James prepared the station fitout construction programme and played a key role on Interface Management with adjacent, preceding and subsequent construction contracts regarding constructability, programming and worksite issues.

Aviation

- Planning Lead on a £1.8 billion programme of work in conjunction with 3 main contractors. Role involved leading a team of 3x clients side planners, 7x supply chain Planners to support the Integrated Planning

approach including ownership of the Schedule Management Strategy and implementation of Integrated Master schedule (IMS) approach.

- Creation and regular update of the client schedule in P6 during the monthly reporting cycle and presenting issues/progress at client board level as part of the monthly reporting process to ensure a 'Single Source of Truth' was effectively communicated.
- Planning Lead with accountability for the Airside/Landside projects at a London airport working for the Managed Service Provider. Role involved Leading a team of 5 internal Planners/Project Controllers through the NEC3 acceptance/non-acceptance process on a monthly basis on live projects totalling circa £500m, portfolio of projects at different stages from early concept through to close down.
- Providing assurance to Location teams that the agreed planning strategy had been executed in accordance with the Employers Requirements and ensured that a consistent approach to planning and use of the planning toolset.
- Leading the development of the Delivery Integrators capability in establishing and maintaining schedules that actively support project delivery improving the quality, relevance and integration of schedules, budgets, risks & opportunities, and integration of instructed change.

Civils

- Senior Engineer/Project Manager for the outline and detailed design of a £10 million temporary bus facility, critical to the delivery of a £16 billion London Rail project. Role included Project programme management and overseeing procurement strategy, preparation of contract documents, tender management, liaison with key project Stakeholders, access road design and infrastructure coordination (including services).
- Responsible for carrying out and coordinating the detailed civils design for highways and accommodation works, working for a design consultancy on a high profile new build athletics complex in East London.
- Resident Engineer role on a major venue project in East London, (value exceeding £20 million); Role involved resolving technical queries from the main contractor, ensuring effective design management and delivery in line with the contractors construction priorities.
- Principal Engineer for a Major Projects team in a multi-disciplinary design consultancy. Projects included major highway, car park and station improvement schemes working in conjunction with stakeholders and the Department for Transport. Detailed design and Project Managing the scheme through the funding/planning process.

Contact Details

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