Caroline Livesey, MEng, MSc, CEng, CM

Civil Engineering Design Consultant and Advisor

CAROLINE LIVESEY
CONSULTING

EXPERIENCE SUMMARY

Caroline has over 15 years' experience leading large teams to ensure successful outcomes on complex projects. She has a strong record of successful delivery on multi-disciplinary projects where her management skills are key. Work in remote and high risk areas has honed these skills. A skilled geotechnical engineer, clients recognise the value of the work she delivers in technical design and design management, innovative value engineering and expert witness support for legal cases.

She has provided specialist advice to government bodies, local authorities, infrastructure owners, consultants, contractors, developers, and private clients. She can deliver factual and interpretive reports, designs, contract documentation and technical certification as well as expert witness reports to CPR 35 on which she has acted as an assistant.

As a member of large multi-disciplinary design teams, Caroline has regularly undertaken value engineering and innovation of alternative designs for geotechnical elements of large infrastructure schemes including consideration of temporary works. Her geotechnical design experience includes ground improvement, material reuse, reinforced earth, load transfer platforms, soil nailing, piling, foundations, road embankments, slope stability and repair, coastal protection, road widening and new road schemes.

As a civil engineer, Caroline also has a strong background in the practicalities of site work and an extensive grasp of general civil engineering design. Prior to specialising in geotechnics, Caroline managed many civil engineering projects both as a site engineer and a design manager.

Prior to setting up her consulting business, Caroline was an Associate at Coffey Geotechnics which she came to having spent 10 years in the British Army (Royal Engineers). While in these roles she was regularly in charge of multiple high value projects where her skills in coordination, resourcing people and time management were invaluable. These skills were honed in the military where work included a role in Afghanistan with DFID where she prioritised and controlled £80m worth of construction projects through local contractors. She was also the subject matter expert for protective infrastructure on operations. At Coffey she regularly led large design teams liaising with clients and stakeholders to ensure prompt delivery.

She is particularly skilled at delivering project briefs to large multi-disciplinary teams and in client engagement. Excellent interpersonal skills coupled with technical knowledge enable her to find and communicate effective project winning solutions. Her technical report writing is excellent and she is used to pulling together large documents for submission at all stages of design.

Caroline has been instrumental in business development where her excellent communication is key to development of relationships. As a chartered manager she is adept at business management including implementation of change.

EDUCATION

MEng Civil Engineering and Construction Management, University of Leeds, 2002

MSc (Hons) Military Construction Engineering, Cranfield University, 2009,

AREA OF EXPERTISE

Geotechnical design, ground improvement, material reuse, reinforced earth, load transfer platforms, soil nailing, piling, foundations, road widening, slope stability, coastal protection, expert witness assistance, forensic engineering, report review, desk studies, business development.

REGISTRATIONS / AFFILIATIONS

Chartered Engineer (CEng) & MICE (2009)

Chartered Manager and MCMI (2013)

TRAINING / CERTIFICATION

Construction Skills Certification Scheme (CSCS)

YEARS OF EXPERIENCE

15

WEBSITE

carolineliveseyconsulting.com

CONTACT

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CAREER SUMMARY

- Director, Caroline Livesey Consulting. 2018 (current)
- Coffey Geotechnics UK Ltd, March 2013 – Dec 2017.
- Lead Project Engineer, Force Protection Engineering Cell, Royal Engineers, 2012-2013.
- Command and Staff Course, Staff College, 2011-2012.
- Senior Civil Engineer, 527 Specialist Team Royal Engineers 2009-2011.
- Infrastructure Advisor, Helmand Provincial Reconstruction Team, Afghanistan 2009.
- Industry placement, Sir Robert McAlpine and BWB Consulting, 2007-2009.
- Junior Officer in Royal Engineers, including work in Northern Ireland, 2004-2007.
- Royal Military Academy Sandhurst, 2003.