

HAMSE MAHAMOUD HASSAN

BEng (Hons) Civil Engineering
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PROFESSIONAL SUMMARY

Civil Engineer with over ten years' experience delivering traffic engineering, transport planning, highway design and road safety projects within consultancy and local authority environments.

Experienced in leading the development and delivery of highway improvement, traffic management and active travel schemes from feasibility through to implementation. Skilled in analysing traffic, collision and pedestrian data to develop evidence-based engineering solutions that improve safety, accessibility and network performance.

Strong background in managing multidisciplinary projects, coordinating with internal teams, consultants, elected members and external stakeholders, and providing technical guidance to junior engineers. Earlier experience at AECOM included both highways and aviation infrastructure projects, working within safety-critical environments and contributing to the design of airside and landside infrastructure.

A confident communicator with extensive experience preparing technical reports, presenting recommendations and delivering projects in accordance with UK highway standards and best practice.



KEY COMPETENCIES

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| • Traffic Engineering & Transportation Planning | • Highway Design Standards |
| • Highway Design & Highway Improvement Schemes | • Stakeholder Engagement & Public Consultation |
| • Road Safety Engineering & Collision Analysis | • Technical Report Writing & Engineering Presentations |
| • Traffic Management & Traffic Regulation Orders (TROs) | • Project & Programme Delivery |
| • Traffic Impact Assessment & Feasibility Studies | • Quality Assurance & Technical Review |
| • Active Travel & Public Realm Design | • Team Leadership, Mentoring & Staff Development |
| • Traffic Data Analysis & Evidence-Based Design | • AutoCAD, Civil 3D, KeySIGN, KeyLINES & KeyPOST |

PROFESSIONAL EXPERIENCE

Senior Traffic Engineer

Bristol City Council | June 2026 – Present

Supporting the Group Manager in the delivery of highway and traffic engineering projects across Bristol, providing technical leadership on traffic management, highway design and development-related matters.

Responsible for reviewing engineering proposals, providing specialist advice on Traffic Regulation Orders, development management and highway design, and ensuring schemes comply with relevant legislation, standards and council policies.

Represent the Area Engineering team at Project Boards and cross-service meetings, working closely with councillors, developers, consultants and other stakeholders to develop and deliver transport improvements.

Provide technical guidance, mentoring and quality assurance for engineers within the team, supporting professional development and promoting consistent engineering standards throughout project delivery.

Senior Traffic Engineer

London Borough of Hackney | July 2024 – May 2026

Led the design and delivery of traffic engineering and highway improvement projects aimed at improving road safety, accessibility and sustainable transport across the borough.

Managed projects from initial feasibility and data analysis through consultation, detailed design and construction, using traffic, speed and collision data to develop evidence-based engineering solutions.

Provided technical leadership for junior engineers, overseeing project delivery, reviewing designs and ensuring compliance with highway standards and borough policies.

Worked closely with residents, elected members, statutory consultees and internal teams to develop schemes that balanced technical, operational and community requirements while supporting the borough's transport objectives.

Traffic Engineer

London Borough of Brent | May 2023 – June 2024

Delivered a programme of highway and traffic engineering schemes focused on road safety, traffic management and active travel improvements throughout the borough.

Undertook site assessments, analysed traffic and collision data, developed engineering proposals and managed projects through consultation, detailed design and implementation.

Prepared technical drawings, reports and supporting documentation for Traffic Management Orders and construction, coordinating with internal departments, contractors and external stakeholders to ensure successful delivery.

Provided day-to-day guidance to junior engineers while managing multiple projects and maintaining programme delivery against agreed timescales.

Design Engineer

London Borough of Camden | January 2022 – May 2023

Designed and delivered highway, traffic management and public realm improvement schemes supporting bus priority, walking, cycling and road safety objectives.

Prepared engineering drawings, design packages and technical documentation while coordinating with project managers, councillors, statutory consultees and residents throughout scheme development.

Undertook site investigations, feasibility assessments and design development, ensuring proposals complied with relevant legislation, design standards and borough policies.

Supported project delivery from concept design through construction, responding to technical queries and coordinating design changes where required.

Senior Technician

AECOM | April 2016 – December 2021

Worked within AECOM's Streets and Aviation teams, contributing to the design and delivery of transport and infrastructure projects for local authorities, Transport for London and major airport clients.

Produced highway and traffic engineering designs at feasibility, preliminary and detailed design stages, supporting multidisciplinary teams on schemes involving traffic management, active travel infrastructure and highway improvements.

Within the Aviation team, contributed to the design of airside and landside infrastructure, including aircraft stands, taxiways, airfield roads and associated engineering works, working within highly regulated, safety-critical environments.

Prepared engineering drawings, design calculations and technical documentation while coordinating with engineers, clients and other disciplines to support successful project delivery.

EDUCATION

BEng (Hons) Civil Engineering

London South Bank University | September 2018 – June 2021

HNC Civil Engineering

London South Bank University | September 2016 – June 2018

PROFESSIONAL MEMBERSHIPS & REGISTRATIONS

Saudi Council of Engineers

Eligible for Engineer membership; committed to formalising registration with employer sponsorship.

PERSONAL INFORMATION

Nationality

British

Date of Birth

October 18th, 1996