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Professional History

April 2012 – Present

ACE International, Abu Dhabi

Senior Roadway/Highway Design Engineer, Transportation

Feb. 2011 – April 2012

AECOM Middle East Ltd, Al Ain

Roadway/Highway Design Engineer, Transportation

Jan. 2007 – Jan. 2011.

Hyder Consulting (UK) Ltd.

Assistant Roadway/Highway Engineer, Transportation

Dec 2005 – Nov 2006;

Self Employed Engineer (Freelance)

Nov. 2004 – Nov. 2005:

HillCannon LLP (UK)

Graduate Structural Engineer

Dec. 1998- Jun. 2001

Alitemad Engineering Consultants

Baghdad-Iraq

Academic Training

B.Sc. (Hons.) Leeds Metropolitan University Civil Engineering 2004

B.Sc. Baghdad University Civil Engineering 1998

City & Guilds in CAD (2D, 3D Design)

National Certificate in IT (Database)

Affiliations

Approved by Department of Transport-Abu Dhabi (DOT)

Institute of Civil Engineers (UK) : Institute of Engineers (Baghdad-Iraq)

Country Experience

UK; UAE;Iraq

Nationality

UK

Languages

English

Arabic

Career Highlights and Skills

* Roadway / Highway Design (AASHTO & DMRB)
* Bentley MXroads and Autodesk Civil 3D.
* Road Layout and Detailing
* Traffic Management Planning.
* Structural Design (Building Construction)
* AutoCAD, Key Signs, Auto TRACK and Key Lines
* PDS and Microstation Packages
* Expert in Traffic Signs design and strategy
* Safety Barrier Design and Detailing
* Coordination with Clients
* Bill of Quantities.
* Document Control.

Detailed Experience

April 2012 – Present

ACE International, Abu Dhabi

Senior Roadway/Highway Design Engineer, Transportation

Working on the Design and Design checking of various industrial roads and urban intersections plus coordinating with clients (Musanada; Abu Dhabi Municipality, Department of Transport, Al Ain Municipality). Projects included Musafah Emirates Transport Site Development in Abu Dhabi; New Warehouse District Development in Dubai. Razeen STP Development and The Legendary Living Residential Development in Dubai plus other smaller projects. Also handled additional tasks and duties apart from Design like Preparing Bill of Quantities for some Projects and also worked on tender submissions and bidding procedures for a variety of projects in Abu Dhabi and Al Ain.

Feb. 2011 – April. 2012

AECOM Middle East Ltd, Al Ain

Roadway / Highway Design Engineer, Transportation

Has been working on various projects and tasks since joining AECOM as a member of its transportation team. Main details of experience specified as the following:

• Worked on various Project undertaking various new design and design checking tasks (Alignment and Geometrics) for new roads, roundabouts, car parks…etc. Clients are Al Ain Municipality; Department of Transport (DOT) in Abu Dhabi and Al-Dar. Some of these projects are Al Ain Shaabiat Phase 2; UAE University-Al Ain; Abu Alabiadh Island Access Roads; Alroudha Palace Access Roads to farms; E20 Nahil Bridge and Underpass in addition to Abu Dhabi Zone 2 maintenance. Design performed according to Local and International standards.

• Liasing with Clients, Stakeholders and other Technical Disciplines to deliver innovative designs within time and cost constraints.

• Producing Traffic Management Plan for the construction of Bridge & Underpass at Al-Nahil (E-20) Project. Work involved Detouring Layout Design and Temporary Roundabouts in addition to the associated signing strategy…etc. Tasks also involved the production of constructability report and design of roundabouts during tender design stage

• Worked on Abu-Dhabi Zone 2 Maintenance Project. Tasks involved Design of Parking Layouts, new internal roads, junctions and road dwelling (Khatm Alshakla/Al-Ain). Duties also involved reports production, Cross Sections, Traffic Signs Design and Strategy.

• Prepared Traffic Impact Studies for various projects (The Mall & Hotel/Al-Ain ;Supermarket of Shabhat/ Al-Ain ; Shamkha Hotel/Al-Ain and Al-Ain Wild Life Development Project) This included preparation of Location & Affection Plans, Circulation Plans (motorized & non motorized), Mitigation Measures with associated Cross-sections, Parking Layouts and Vehicles Movement.

• Been in secondment to Al-Raha Beach Project for more than 3 months. Prepared Internal Roads, Roundabouts and car parks detailed layouts and longitudinal profiles.

• Other Tasks and Duties involved like liaising with Clients and Authorities like DOT and Al-Ain Municipality and Traffic Police plus various site visits…etc.

Jan. 2007 – Jan. 2011.

Hyder Consulting (UK) Ltd.

Assistant Roadway/Highway Design Engineer, Transportation

Originally employed as a Graduate Engineer, promoted to Assistant Engineer 05/2009

• Responsible for producing various types of Design Drawings for the Highways Agency, a Local Authority (Staffordshire County Council) Projects plus projects for other clients like NRA (National Roads Authority) of Ireland.

• Constant Coordination with Clients, Stakeholders and other Technical Disciplines to deliver innovative designs within time and cost constraints.

• Conducting Design and scheduling of Road Restraint Systems according to recognized standards for Road Layout and Detailing.

• Designing Various Types of Signs & Gantry faces and their Foundations as well as producing the appropriate Sign schedules.

• Also undertook Lay-By Design according to Standards (DMRB), Visibility and other Road Geometrics Design Checks according to Standards (DMRB).

• Other key tasks included Drainage Tanks Design, Retrieving Data from drawings, working on Construction Details, producing Risk Assessments, responding / replying to Comments, Conducting AutoTrack Checks.

• Worked as part of a team and individually to achieve project objectives.

• Successfully completed Safety Barrier designs for sections of the M3 (Clonee to north of Kells) effectively utilizing design Standards and achieving strict project deadlines.

• Part of the London Olympics 2012 Core Team Office; responsibilities involved producing various types of Geotechnical / Geoenvironmental Drawings, as well as responsibility for drawings checks and document control.

• Liaised with design team and Project manager to produce various Tender Drawings and documents during bid process for the N18 (Gort to Crusheen).

• Undertook Consultation, Construction Details,MX Roads Designand Signs Design Tasks, Contract Preparation, Document Control, Several surveys and Site Engineering for Staffordshire County Council’s Safer Routes to School Schemes during secondment to the council.

Involved in various projects, undertaking up to 3 projects simultaneously, some project experience includes:

**A462 Warstone Road / Broad Lane Junction Improvement/ SCC**: The project comprised of production of detail design and drawings for Junction improvements to be carried out in accordance with the current SCC Standards. Responsible for preparing necessary drawings and liaising with the Design Team. Other tasks included checking visibilities and geometry for the junctions and some of the road markings in according with the Standards.

**M3 Clonee to North of Kells/ Section 2; Ireland:** Liaised with the design team to produce the MX string drawings, Mainline and side roads alignments and all other certification drawings. Also produced the concept design and the detailed design for the safety barriers according to NRA TD19/07 Standards. Also involved in the production drawings for Kerbs, Footpaths and Paved areas.

**N18 Gort to Crusheen; Ireland:** Liaised with design team and Project manager to produce various Tender Drawings. Also produced various schedules for Tender Design like the Safety Barriers and Fencing Schedules.

**A500 Stoke Pathfinder:** Designed new Junction signs and revised existing signage designs using Key Signs (AutoSigns) software. Also designed the foundations (Bases and Posts) using Key Signs with the new Sign Load software which covers the 2007 draft national annex to BS EN12899-1.

**M40 J15 Development:** Generation and Preparation of various drawings and Lay-Bays Design.

**Wadi Project; Qatar:** Tasked by the Drainage Team of Hyder’s Birmingham office to design a storage tank for storm water to contain Hydrocells storage equipment by Hydro International Limited Company.

**A45-A46 Tollbar End:** Undertook alterations and changes on the traffic flows within the project and Undertook Design of new signage, Gantry faces plus foundation Design and document control.

**Safer route to School Schemes, (SCC Secondment):** Involved various types of Consultation, Detailed Design and Signs Tasks as well as involvement in Setting Out and Site Engineering.

**A2 Maydown to City of Derry Airport; Northern Ireland:** Responsible for the Tender Design of the Safety Barrier. Also was involved in the production of most of the Tender Drawings and in Tender submission process.

**Daventry Canal:** Designed boat attitude vehicle using AutoTrack and conducted checks on MX designed canal on both directions and highlighted the clashing and overtaking areas liaising with the MX team.

**PK Resort; Bahrain:** Involved in the concept design of the Drainage System, producing various Xrefs and drawings, in addition to some document control tasks.

Dec 2005 – Nov 2006;

Self Employed Engineer (Design & Planning)

Self Employed Engineer (Design & Planning), contracts of small projects; Primarily House Extensions, Foundation Design and Drafting.

Jan 2005 – Nov 2005:

Hill Cannon LLP (UK)

Temporary Contract with a Successful Structural Engineering Consultancy, Performed Structural Design mainly for multi-story car parks; Drawings Preparation; RC Detailing, Building Construction and Document Control.

Further Training Courses

**Hyder Technical Training Courses**: Traffic Sign Strategy and Design (2007); Highway Link Design (2008); NEC3 Contracts (2008); Bentley MXroads (2009); Report Writing (2010).

**Hyder Technical Training Courses**: Bill of Quantities BOQ (2011); Ethics and Compliance Code of Conduct (2011); UK Bribery Act (2011); US Anti-Boycott Law (2011); Moving to Management (2012).