

Khaled Abdelsalam

Civil Engineer | Roads & Infrastructure Specialist

Riyadh, Saudi Arabia

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LinkedIn Profile

Iqama: Available

PROFESSIONAL SUMMARY

Civil Engineer with 3+ years of hands-on experience in road infrastructure, site supervision, and technical office management across Saudi Arabia and Egypt. Currently contributing to the Al-Taif Road Development Project in Riyadh with Palma Construction Company, specializing in traffic management systems aligned with MOT and Gulf Traffic Control Manual standards. Proven track record in executing mega-scale road projects, marine structures, stormwater drainage, and Vision 2030-aligned infrastructure initiatives. Seeking to grow with a leading contractor, consultancy, or government entity committed to transforming Saudi Arabia's urban and transportation landscape.

CORE COMPETENCIES

Road & Highway Engineering	Traffic Management (MOT/TTC)	Site & Technical Office	Stormwater Drainage
Structural Analysis (SAP2000)	Primavera P6 Planning	AutoCAD / Civil 3D	HSE & Safety Compliance
Shop Drawing & QS	Marine & Piling Works	Subgrade / CBR Standards	Stakeholder Coordination

PROFESSIONAL EXPERIENCE

Site & Technical Office Engineer

Jan 2026 – Present

Palma Construction Company | Riyadh, KSA

Project: Al-Taif Road Development – Ministry of Transport (MOT)

- Led all traffic management operations for the Taif Road Development Project, ensuring full compliance with MOT regulations and Gulf Traffic Control Manual (GTCM) standards.
- Designed and validated traffic diversion plans, TTC schemes, and detour strategies to maintain safe mobility during active construction phases.
- Prepared signage layouts, pavement markings, safety barrier designs, and work-zone protection plans reviewed and approved by MOT.
- Conducted traffic safety audits and risk assessments, implementing corrective actions that reduced site incidents by enforcing proactive HSE measures.
- Coordinated directly with contractors, consultants, and government authorities (MOT) to secure approvals and resolve field issues efficiently.
- Produced technical reports, method statements, and compliance documentation for project management and government stakeholders.
- Responded to emergency traffic incidents, deploying rapid mitigation to restore safe road conditions with minimal disruption.

Site & Technical Office Engineer

Mar 2025 – Dec 2025

AL NOUR For General Contracting and Road Works | Egypt

- Executed main roads and internal streets for Kafr Suleiman El-Bahary village rural infrastructure initiative, compliant with Ministry of Transport and General Authority for Roads and Bridges specifications.
- Carried out full earthworks scope including excavation, backfilling, and grading using heavy machinery (graders, loaders, compactors) to achieve required design elevations.
- Implemented mechanical base layers (Subgrade & Subbase) per CBR standards, enhancing load-bearing capacity and minimizing long-term settlement risks.
- Coordinated with local authorities and utility companies to prevent conflicts with existing networks during road leveling.
- Delivered project within tight timelines despite topographical and weather challenges, improving traffic flow and access to essential services.

Site & Technical Office Engineer

Feb 2023 – Mar 2025

Arabian Office For General Contracting | Egypt

Project: Sananiya Corniche Development

- ▶ Supervised complete roadworks for the Sananiya Corniche Development including infrastructure preparation, base/surface layers, and elevation grading per Roads and Bridges Authority standards.
- ▶ Implemented full stormwater drainage network using UPVC and RC pipes, with inspection chambers and catch basins designed to hydraulic calculations — protecting road surfaces from flooding.
- ▶ Managed all technical office functions: shop drawing preparation, design review, quantity surveying, and progress reporting; coordinated with consultants for regulatory approvals.
- ▶ Supervised marine works including pile platform preparation and deep concrete pile curtain using rotary drilling to ensure shoreline stability and structural integrity.
- ▶ Oversaw casting of reinforced cap beams with precision steel reinforcement and concrete QC for safe load distribution.
- ▶ Managed backfilling using high-density dolomite stones with geotextile separation layers to prevent erosion and enhance long-term soil stability.
- ▶ Supervised urban development elements: sidewalks, landscaping, lighting systems, and coordination with municipal entities.

Site Engineer

Jun 2022 – Jan 2023

Elnada For General Contracting | Damietta, Egypt

- ▶ Supervised full renovation of a residential chalet in Ras El Bar including structural reinforcement, interior reconfiguration, and finishing works.
- ▶ Oversaw finishing works for multiple residential units across Damietta Governorate covering flooring, ceilings, MEP installations, doors, and windows.
- ▶ Supervised factory setup in New Damietta Industrial Zone including structural works, industrial flooring, ventilation, and electrical systems — compliant with occupational safety standards.
- ▶ Coordinated between technical teams and contractors to maintain workflow and project timelines, conducting daily inspections and quality control procedures.

EDUCATION

Bachelor of Civil Engineering

Delta University for Science and Technology | Egypt

Grade: 76.2% (Very Good) | Graduation Project: Properties and Strength of Materials — Grade: Excellent

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- ▶ Autodesk Certified Professional: AutoCAD for Design and Drafting
- ▶ Structure Design Programs (AutoCAD, SAP2000) — Eng. Hesham Tarek
- ▶ Professional Technical Office Engineer — Eng. Hesham Tarek
- ▶ Project Management Using Primavera P6 — Eng. Abdelhady Omar

TECHNICAL SKILLS

Design Software	AutoCAD Civil 3D SAP2000 ETABS SAFE
Project Management	Primavera P6 MS Project Cost Control Planning & Scheduling
Office Tools	MS Office Suite (Word, Excel, PowerPoint)
Specializations	Traffic Management Roads & Highways Marine Works Drainage Shop Drawings

LANGUAGES & ADDITIONAL INFORMATION

Arabic - Native Speaker English - Professional Fluency Nation.: Egyptian Iqama: Available & transferable
References: Available upon request from current and previous employers.