

Abdullah Mohammad Tawfiq

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PROFESSIONAL SUMMARY

Highly skilled Roads Design Engineer with over 7 years of experience specializing in the design, management, and execution of infrastructure projects. Expertise in roads design and the development of complex infrastructure systems, including stormwater drainage, utilities, and roadworks. Proficient in using leading design software such as AutoCAD, Civil 3D, and InfraWorks, with a deep understanding of pavement performance and distress factors. Demonstrated success in managing large-scale infrastructure projects, from the conceptual design phase through to construction, ensuring timely delivery, budget compliance, and quality control. Adept at leading cross-functional teams, liaising with clients, consultants, and stakeholders, and preparing detailed reports to track project milestones and resolve issues.

CORE SKILLS

- Roads Design
- Infrastructure Engineering
- Stormwater Drainage Systems
- Utility Network Design
- Pavement Analysis
- Site Supervision
- Quantity Surveying
- Project Scheduling & Coordination
- Construction Management
- Site Inspections & Quality Control
- Infrastructure Project Management
- AutoCAD / Civil 3D
- InfraWorks

PROFESSIONAL EXPERIENCE

Sakan & Emaar General Contracting Co

Roads Design and Infrastructure Technical Office Engineer | Feb 2025 - Present

Key Project: Malham Oasis Project

Project Overview: Execution of Infrastructure works to Malham Oasis is a Rural Extension of the capital in the North of Riyadh, extending over a total area of more than 42,000,000 square meters.

Owner: ZOOD - **Consultant:** RADIANT Consultancy Co

- Prepare detailed shop drawings for all infrastructure networks, including stormwater and electrical systems, ensuring they align with design requirements and construction standards.
- Design and produce all relevant technical drawings and documentation for roadworks, ensuring comprehensive coverage of all necessary components and systems.
- Calculate quantities for infrastructure works and compile complete submittals for consultant approval, ensuring accuracy and consistency with project specifications.
- Monitor site work regularly, ensuring that construction activities are proceeding according to the planned schedule and updating timelines to reflect any necessary changes.
- Prepare Bills of Quantities (BOQ) and submit procurement requests, coordinating the timely acquisition of materials to support the ongoing project activities.

Sakan & Emaar General Contracting Co, Riyadh, Saudi Arabia

Roads Design & Infrastructure Technical Office Engineer | April 2024 - Present

Key Project: El Maha City Project

Project Overview: Execution of Infrastructure works to Al Maha City is one of the largest residential cities in the South of Riyadh, extending over a total area of more than 13,000,000 square meters and includes more than 25,000 housing units.

Owner: ANB Capital - **Consultant:** Consultancy Group

- Develop and finalize shop drawings for all utility networks, including roads, stormwater drainage, water distribution, electrical, and telecommunications infrastructure, ensuring compliance with local regulations and design standards.
- Produce and refine design plans and detailed technical drawings for roadworks, ensuring precision in all aspects of road infrastructure design and integration with other utility networks.
- Execute detailed quantity takeoffs for various infrastructure components, preparing accurate and comprehensive submittals for consultant review, ensuring full alignment with the approved project specifications.
- Conduct regular site inspections, monitoring the progress of works and ensuring that all activities are executed according to schedule and in adherence to safety, quality, and regulatory standards.

Sakan & Emaar General Contracting Co) - Subcontractor with Alfanar and Hasan Allam company

Site Manager – Roads Design & Infrastructure | Sep 2023 - Apr 2024

Key Project: Neom Community 1 (NC1) Project

Project Overview: Led the execution of infrastructure works for Neom Community 1 (NC1), a major development project spanning 450,000 square meters, designed to integrate advanced infrastructure systems into the future urban landscape of Neom.

Owner: NEOM - **Consultant:** AECOM

- Manage and supervise all daily construction activities, ensuring the execution of infrastructure works, including drainage, stormwater, electrical, and telecommunications, in alignment with project requirements and timelines.
- Lead a team of surveyors, supervisors, machinery operators, and laborers, ensuring effective coordination and efficient task execution on-site.
- Monitor work to ensure compliance with safety regulations, quality standards, and project specifications, conducting regular checks and addressing any issues as they arise.
- Track and manage project timelines, ensuring work is completed according to schedule. Promptly address delays and make necessary adjustments to maintain project progression.
- Compile and submit detailed daily and weekly reports to stakeholders, documenting project progress, challenges, and proposed solutions to keep everyone informed.

Sakan & Emaar General Contracting Co, Riyadh, Saudi Arabia

Roads Design & Infrastructure Site Engineer | Sep 2021 - Sep 2023

Key Project: El Maha City Project

Project Overview: Execution of infrastructure works for El Maha City, one of the largest residential cities in the southern part of Riyadh, covering an area of more than 13,000,000 square meters. The project includes the construction of over 25,000 housing units.

Owner: ANB Capital - **Consultant:** Consultancy Group

- Direct a team of surveyors, engineers, and construction workers to ensure efficient workflow and timely completion of infrastructure tasks.
- Oversee daily operations, ensuring that roadwork and infrastructure activities align with technical requirements and safety standards.
- Track and evaluate project performance, preparing detailed reports to communicate progress, delays, and necessary adjustments.
- Allocate resources effectively, adjusting work schedules and workforce deployment to meet deadlines and avoid delays.

Khaled Al-Zoubi and His Partner Contracting Company

Site Engineer and Quantity Surveyor | Aug 2017 - Sep 2021

Key Projects: Infrastructure Projects

Project Overview: Infrastructure projects, including executing storm lines and sidewalk construction, are owned by the Greater Irbid Municipality, Jordan.

- Coordinated the execution of storm line installations and sidewalk construction, ensuring adherence to project specifications, quality standards, and timelines.
- Conducted quantity surveying by preparing cost estimates, tracking expenses, and managing resources to ensure projects stayed within budget.

RESEARCH

- Analyzing the Performance and Distress Factors of Rural Flexible Pavements: A Case Study of Irbid Governorate, Jordan

MEMBERSHIP

- Member | Saudi Council of Engineers

COURSES & CERTIFICATES

- Dynamo in Civil 3D | In Progress
- Subassembly Composer | In Progress
- PMP | In Progress

- **Civil 3D - Road Design | Autodesk Authorized Training Center | Feb 2025**
- **Design of Storm Water System Sewer Gems | Engo Soft Training Academy | Oct 2024**
- **Infrastructure Network Shop Drawings | Engo Soft Training Academy | Oct 2024**
- **Design of Water Supply Networks - Water Gems | Engo Soft Training Academy | Sep 2024**
- **Design of Sanitary Sewer System Sewer Gems | Engo Soft Training Academy | Sep 2024**
- **Civil 3D | Autodesk Authorized Training Center | Mar 2023**
- **Highway Construction | Engo Soft Training Academy | Apr 2023**
- **Diploma in Language, Communication, and Translation | Namaa Academy for Islamic Studies and Humanities | 2019 - 2020**

EDUCATION

- **Master's Degree in Transportation and Highway Engineering | Jordan University of Science and Technology | 2016 - 2019**
- **Bachelor's Degree in Civil Engineering | Jordan University of Science and Technology | 2011 – 2016**

LANGUAGES

- **Arabic:** Native
- **English:** Advanced