



Mahmoud Abdelmgead Moghazy

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Professional Summary

Experienced Civil Engineer with over 12 years of hands-on expertise in major infrastructure, roads, airport, and utilities projects. Proven track record in site execution as a **Construction Manager** and in technical leadership as a **Technical Office Manager**. Well-versed in **BIM modeling** workflows and coordination, with a strong background in both highway and internal road design. Demonstrates a consistent ability to lead multidisciplinary teams, resolve site challenges efficiently, and deliver cost-effective, high-quality engineering solutions aligned with international standards.

Work Experience

- **Technical Office Manager** - SAPAC - NEOM Branch, Sharma, Tabuk, KSA. *Sep 2023 – Present*
 - ❖ Intersections on HW 55 - NEOM KSA -Project budget: 495 million Dollars
 - ❖ Spine 10 wo-36 - NEOM KSA -Project budget: 80 million Dollars
 - [The project consist of 40 km roads works, 8 Bridges, 140 wet Utilities \(box and pipe culvert\) and GRP pipes and 4 Tunnels \(under pass\).](#)
 - Led technical teams in executing construction plans compliant with design specifications and international codes.
 - Designed access roads adhering to MOT standards.
 - Reviewed and approved shop drawings, material submittals, and contractor schedules.
 - Managed payment certificates, quantity takeoffs, and change orders.
 - Ensured detailed documentation and compliance with project timelines and budgets.
 - Work closely with project management team to develop and monitor project budgets and schedules
 - Review quantity surveying, payment and change orders
 - responsible for BIM modeling activities in NEOM projects
 - Oversee project documentation: as-built drawings, change orders, and closure reports

Key Achievement: Successfully supervised and delivered the Spine10 Shigry Interchanges project with Highway 55.

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- **Construction Manager** *Oct 2021 – Sep 2023*
SAMCO - Cairo, Egypt
 - ❖ **HSR (HIGH SPEED RAILWAY) GREEN LINE** -Project budget: 100 million Dollars
 - ❖ **High Way (Cairo, Assiut)** -Project budget: 50 million Dollars
 - Manage all aspects of on-site construction activities for road, bridge, highway, and tunnel projects.
 - Coordinate and supervise construction teams, subcontractors, and vendors to ensure work is executed efficiently and safely.
 - Monitor project progress, budget, and schedule, and implement corrective actions as necessary to achieve project goals
 - Conduct regular site inspections and quality checks to ensure compliance with design specifications and regulatory requirements.
 - Implement and enforce health, safety, and environmental standards on site.
 - Collaborate with project stakeholders including engineers, designers, clients, and authorities to ensure project success.
 - Prepare and submit regular progress reports and updates to project management and clients.
 - Review and study project documents (contracts, drawings, specs, BOQ).
 - Generating daily, weekly, and monthly progress reports.
 - Finding practical and efficient solutions to construction challenges.

- **Technical Office Manager Engineer**

Sep 2019 – Oct 2021

SAMCO - Cairo, Egypt

❖ **HSR (HIGH SPEED RAILWAY) BLUE LINE** -Project budget: 150 million Dollars

❖ **Free High Way (Shubra, Benha) BLUE LINE** -Project budget: 53 million Dollars

- Lead the technical team in implementing and executing construction plans, ensuring compliance with design specifications, building codes, and industry standards.
- Provide guidance to project stakeholders, architects, engineers, and subcontractors.
- Develop and refine the technical strategies.
- Develop and implement quality control procedures to ensure that all construction work meets the highest standards of quality.
- Contribute to the overall project planning, budgeting, and scheduling, with a focus on technical requirements and feasibility.
- Identify potential technical risks and develop contingency plans to address challenges that may impact the project timeline or budget.
- Ensure project plans, specifications, and drawings comply with international standards and local regulations.
- Review and approve technical documentation, drawings, and specifications, providing expertise to resolve complex technical challenges.

- **Supervisor - Roads and Infrastructure**

Mar 2017 – Sep 2019

Sabbour Consulting - Cairo, Egypt

❖ Supervised construction activities for roads and infrastructure in various large-scale projects.

- Supervised construction activities for large-scale road and infrastructure projects.
- Ensured adherence to project specifications and timelines.
- May assist the assigned Project Manager in planning, directing, supervising, and controlling the execution of the project
- Ensures client criteria and scope are met by all engineering disciplines. Expedites distribution of action items following discussions/meetings with the client.
- Prepares technical reports and documentation of site activity for the client and management.
- Prepares and distributes meeting minutes
- Obtains, analyzes, and circulates technical and contractual information to project disciplines
- Completes other responsibilities associated with this position as may be appropriate.
- Conducts site inspections, factory visits and prepares reports on the same
- Prepares project presentations as required by the project team.

- **Road Design Engineer**

Mar 2016 – Mar 2017

Sabbour Consulting - Cairo, Egypt

❖ Designed Road networks, internal compound roads, and highways for Cairo's new capital.

- Collecting essential project data (e.g., topographic maps, traffic data, and general plans).
- Studying the proposed road area and understanding environmental and geological requirements.
- Creating preliminary drawings using design software such as AutoCAD and Civil 3D.
- Collaborating with senior engineers and designers to refine designs.
- Coordinating with other departments (e.g., drainage, electrical) to ensure the integration of utilities with the road.
- Estimating quantities (cut and fill) using design software.
- Applying engineering standards and local and international specifications (e.g., Ministry of Transport standards or AASHTO guidelines).
- preparing design reports outlining challenges and proposed solutions.
- Delivering presentations to stakeholders or senior engineers

- **Site Engineer**

Jul 2013 – Mar 2016

EICW - Cairo, Egypt

- ❖ **Elmleiz Airport** Project budget: 25 million Dollars
- ❖ **Hurghada Airport** Project budget: 48 million Dollars
- ❖ **Taba elnakab Road (CONCRETE PAVING)** Project budget: 14 million Dollars
- Reviewing construction drawings and ensuring a thorough understanding of all technical details.
- Identifying required resources (equipment, materials, workforce) for each phase.
- Directly supervising construction activities such as excavation, backfilling, sub-base, base layers, and asphalt paving.
- Ensuring all work is carried out according to the approved plans and engineering standards
- Conducting quality control tests for materials used, such as soil, asphalt, and pavement layers
- Ensuring that completed work complies with standards and specifications
- Resolving issues that workers may face during execution.

Education

BSc in Civil Engineering

Benha University, Shoubra - Egypt

- **Graduation Year:** 2013
- **Grade:** Good
- **Graduation Project:** Roads and Survey (**Grade: Very Good**)

Certifications

- **Project Management Professional (PMP)**
- **NEOM Certified**
- **BIM Autodesk**

Skills

- **Technical:** Civil 3D, AutoCAD 2D , Navis work , Microsoft Office Suite (Word, Excel, PowerPoint)
- **Management:** Project Planning, Team Leadership, Quality Assurance, Contract Negotiation
- **Personal:** Problem Solving, Time Management, Strategic Planning

Languages

- **Arabic:** Native
- **English:** Very Good (C1 Level)

Key Achievements

- Successfully led technical teams for NEOM mega projects, delivering high-quality infrastructure and utility solutions.
- Designed cost-effective strategies for road construction, achieving significant resource optimization.
- Managed and approved detailed shop drawings and project documentation for seamless execution.
- Improved payment processes by streamlining quantity takeoff reviews and certification approvals.

Personal Details

- **Date of Birth:** 09/09/1991
- **Nationality:** Egyptian
- **Marital Status:** Married

Objective

To leverage my extensive experience in civil engineering and project management to contribute to the successful delivery of large-scale infrastructure projects while driving innovation and efficiency in the construction industry.