

# Mostafa Farghly

## Technical Office Team Leader

Structural Site Supervision | Technical Office Management | Bridge & Infrastructure Specialist | Site Technical Guidance  
Cairo, Egypt | [farghlymostafa.mf@gmail.com](mailto:farghlymostafa.mf@gmail.com) | +201060273373 | <https://www.linkedin.com/in/mostafafarghly/>

### Professional Summary

---

Results-driven Technical Office Team Leader with 10 years of proven experience in structural engineering, engineering design and site supervision on major infrastructure, bridges, and roadway projects.

Extensive expertise in technical submittal reviews, shop drawings review, method statements development and review, post-tensioning techniques, and MSE walls construction.

Proven record of delivering large-scale projects in compliance with international standards including ACI, AASHTO, EN codes, and FIDIC contract conditions.

Skilled in project controls, risk management, utilities coordination, contract document interpretation, and stakeholder engagement with consultants, contractors, and government authorities.

### Work Experience

---

#### Technical Office Team Leader

12/2023 - Present

#### (Orascom, Hassan Allam, ROWAD and NEOM) Joint Venture

Tripoli, Libya

Tripoli Third Ring Road (24 km, 13 interchanges, 4 viaducts, 5 underpasses and 9 footbridges) - \$890M project

#### Responsibilities:

- Managed site technical documentation, including as-built drawings, inspection reports, and material approvals per ACI & EN codes.
- Conducted onsite structural inspections, ensuring 100% compliance with project specifications and international standards.
- Coordinated with consultants (Hill International, GEG) to resolve design-build conflicts and ensure design compliance.
- Oversaw procurement integration for post-tensioning systems, bearings, and expansion joints.
- Developed and implemented method statements for bridge components, improving execution consistency.
- Improved reporting system with risk registers and schedule monitoring, contributing to early detection of potential delays.

#### Senior Technical Office Engineer

01/2021 – 12/2023

#### Hassan Allam Roads & Bridges

Cairo, Egypt

#### Projects:

- Warraq Nile Bridge (2300m bridge, with 1000m cantilever-carriage system crossing the Nile) - \$120M project
- Gehan El-Sadat Corridor – Ahmed Saeed St. Bridge (1400m double-level bridge, 40 axes) - \$95M project

#### Responsibilities:

- Reviewed and submitted shop drawings, BOQs, material submittals, and method statements in compliance with project specifications.
- Conducted daily site supervision, improving execution quality and implementing corrective QA/QC measures.
- Interfaced with consultants for RFIs, field adjustments, and stakeholder alignment.
- Prepared cost estimations, variation orders, and progress reports for risk tracking and schedule adherence.
- Delivered performance reports including daily report, to address risks and reduce delays.

## Technical Office Engineer

01/2019 – 01/2021

### Hassan Allam Roads & Bridges

Cairo, Egypt

#### Projects

- El Fardous Bridge – Salah Salem (600m bridge, 2 loops, 17 axes)
- El-Geish Bridge Expansion (Kilo 4.50 Bridge) (600m bridge)
- El Tayran St. Bridge – Nasr City (500m bridge, 15 axes)
- El Matarya Sq. Bridge (1km bridge + 2 ramps)

#### Responsibilities:

- Developed and submitted technical deliverables including TQs, material approvals, and procurement tracking.
- Verified rebar layouts, formworks, and structural compliance during execution.
- Maintained comprehensive as-built documentation for handover and audit processes.
- Managed cost estimation, BOQ preparation, and alignment with the project schedule.
- Prepared daily, weekly, and monthly reports for senior engineers, maintaining robust communication channels.

## Site Engineer

12/2017 – 01/2019

### Hassan Allam Roads & Bridges

Cairo, Egypt

Ismailia Bridge Project (2km bridge, 85 axes)

#### Responsibilities:

- Supervised structural works execution, ensuring strict adherence to technical specifications public.
- Conducted quality control inspections for structural elements, achieving 97% first-time approval rate.
- Reviewed all sub-contractors from safety, quality and commitment points of view.

## Site Consultant Engineer

10/2016 – 12/2017

### Egyptian Armed Forces Engineering Authority

Cairo, Egypt

Sharm El-Sheikh New Coastal Road

#### Responsibilities:

- Conducted comprehensive structural inspections according to contract specifications.
- Oversaw structural works, ensuring compliance with technical and engineering design specifications.
- Monitored QA/QC processes for road widening, retrofit activities, and structural rehabilitation for quality standards adherence.
- Contributed to timely delivery of project milestones by resolving technical conflicts on-site.

## Education

---

### Menoufia University

Menoufia, Egypt

Bachelor of Engineering, Major in Civil Engineering

09/2011 – 06/2016

Cumulative Grade: Good

Graduation Project: Using FRP in Concrete Repairing & Strengthening (Grade: Excellent)

## Certifications

---

- **Project Management Professional (PMP®) – PMI**
- **PMI Risk Management Professional (PMI-RMP) ® - In Progress, Expected Dec. 2025**
- **Six Sigma Yellow Belt (SSYB™)**
- **PMI Certificate: AI in Infrastructure & Construction Projects**
- **PMI Certificate: Practical Application of Generative AI for Project Managers**
- **Udemy: Managing and Monitoring Construction Projects Using Power Bi,**
- **Udemy: How to become a Professional Infrastructure Engineer**
- **PMI Certificate: Talking to AI -Prompt Engineering for Project Managers**

## **Skills**

---

### **Hard Skills**

- Design Squad Leadership & Coordination
- QA/QC Procedure Development & Implementation
- As-Built Documentation Systems & Records Management
- Bridge Construction Methods of Statements (MOS), Post-Tensioning Techniques and MSE Walls
- Contract Compliance, Technical Specification and Project Documentations Interpretation
- Progress Tracking / Reporting (Daily, Weekly, Monthly)
- Coordination and management of suppliers for bearings, expansion joints, and post-tensioning systems
- RFIs, Submittals, Change Order Documentation, TQ, FCD & NCR Handling
- Project Controls, BOQs, Quantity Surveying
- Cost Estimation, Procurement Coordination
- Risk Management and Value Engineering

### **Soft Skills**

- Team Members Leadership
- Excellent Communication and Interpersonal Skills for Effective Collaboration with Diverse Teams
- Stakeholder Communication & Management
- Ability to work in a fast-paced environment and adapt to changing project requirements
- Detail-Oriented and Analytical Thinking
- Multitasking and Time Management Skills

### **Technical Proficiency**

- AutoCAD, Revit, AutoCAD Structural Detailing (ASD)
- MS Project
- Power Bi
- SYNCHRO 4D
- AutoCAD Civil 3D
- Primavera P6
- MS Office Suite (Excel, Word, PowerPoint, Outlook)

## **Languages**

---

- Arabic: Mother Tongue
- English: Fluent (Reading, Writing and Conversation)