

Wafik Ali Wahba

Civil Engineer/inspector /Engineering leader /project coordinator/Interface

Riyadh, Saudi Arabia

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SUMMARY

Multidisciplinary Civil Engineer with 12 years of experience in infrastructure, rail, and transit systems. Proven expertise in design coordination, construction planning, and document control. Demonstrated success in managing cross-functional teams across major international projects including Monorail and Metro. Skilled in aligning multi-discipline design deliverables, resolving technical issues, experienced in civil-electrical interface works including substation foundations, electrical manholes (LV, MD, DC), cable trenches, and depot utility coordination and ensuring compliance with project standards.

PERSONAL INFORMATIONS

Birth Date	1 st of Apr 1992
Nationality	Egyptian
Religion	Muslim
Marital Status	Married

KEY Skills

- Multidisciplinary Design Coordination/ Coordination ISA& TGA& Project approval
- Interface Management (Civil, Structural, Systems)
- Technical Review & Documentation
- BIM & CDE Systems (Aconex, BIM 360 – expert in document uploading, tracking, and workflow management)
- Method Statements & Constructability Reviews
- Stakeholder Engagement & Communication
- Change Management & Design Tracking
- Proficiency in AutoCAD, MS Excel, Aconex and SharePoint.
- Deliverables List Preparation & Design Submittal Management
- Coordination of Management Plans (RAMS, BIM, Safety Case and Hazard logs)
- Familiar with international rail standards (AREMA, BS, UIC, EN)

WORK EXPERIENCE

Hassan Allam Holding & CRRC JV From 18/01/2025 Up to Now

- **Position** : Project Coordinator
- **Location** : Riyadh-Saudi Arabia
- **Company** : Hassan Allam Holding
- **Project** : Design and build of Civil and Monorail Transit System
- **Project owner** : King Abdallah Financial District (KAJD)

Project Brief

KAJD Monorail consists of a 3.6km loop with a spur to the Depot/OCC buildings. The system includes 6 stations strategically located around the leaf and in area 6, providing a transport link around the perimeter including stations linking to the Metro and Financial Plaza.

Value of the project:

387 million SAR

Job Duties:

- Coordinated design activities across civil, track, and systems disciplines for the 3.6km monorail loop with 6 stations.
- Prepared and maintained the master deliverables list submitted to the client, tracking design submissions and revisions.
- Followed up and reviewed key project management plans including RAMS, BIM Execution Plan, and Safety Case documentation.
- Participated in regular design coordination meetings with consultants, subcontractors, and client (KAFD), addressing interface issues and follow-ups.
- Prepared and developed detailed Method Statements for various phases of the project, ensuring safe and efficient execution of tasks.
- Revise the constructability of design steel, concrete and post tension drawings.
- Creation of Shop drawings of different items (pile, col, pier cap)
- Revising of shop drawings for Guide beams, stations.
- Facilitated communication between site execution, procurement, and engineering teams.
- Actively participated in project meetings to provide technical input and updates on progress.
- Monitored document control and revision logs.
- Tracked technical risks, proposed mitigation measures, and documented design decisions.
- Coordinated and supervised civil and electrical interface works in the Depot/OCC for Metro and Monorail projects, including: Rectifier stations, Switch Rooms, and associated HV/LV electrical rooms
- Manholes (LV, MD, DC) – full scope from rebar detailing and shop drawings to on-site execution
- Cable trench works: excavation, concrete encasement, duct installation, and backfilling for multi-system cable routing (LV, control, communication)
- Reviewed and prepared shop drawings for trench sections, manholes, and cable routes to ensure compliance with standards and constructability
- Collaborated with MEP and electrical teams for cable pulling, routing, and interface alignment across all depot utility systems
- Attended regular coordination meetings to resolve clashes between electrical systems and civil structures, and optimize construction sequencing
- Ensured adherence to HSE requirements, cable protection standards, and substation access needs

Elsaadi Company From 15/12/2023 Up to 18/01/2025

- **Position** : Coordinator & Site Engineer
- **Location** : Jeddah-Saudi Arabia
- **Company** : Elsaadi Company
- **Project** : Infrastructure Networks Project – Al-Sadan Project
- **Project owner** : Ministry of Municipal and Rural Affairs and Housing – Saudi Arabia

Project Brief

Infrastructure Networks Project – Al-Sadan Project, South Jeddah consists of sewage, potable water, stormwater drainage, and irrigation systems, The project included a 2 km-long concrete box culvert and a 1 km-long open channel for stormwater collection.

Value of the project:

200 million SAR

Job Duties:

- Conducted quantity take-offs and organized the supply of precast concrete manholes, Drainage, water and irrigation pipes.
- Oversaw and coordinated shop drawing preparation for open channels and concrete box culverts.
- Collaborated closely with site and engineering teams to ensure accurate documentation and smooth project execution.
- Coordinated daily site activities, ensuring compliance with project specifications, safety standards, and timelines.
- Supervised on-site installation and execution of infrastructure networks including sewage, potable water, stormwater drainage, and irrigation systems.

Arab Contractors & ALSTOM & Orascom JV From 1/1/2021 Up to 15/12/2023

- **Position** : Technical Office Team Leader
- **Location** : Cairo-EGYPT
- **Company** : Arab Contractors Company
- **Project** : Design and build of Cairo Monorail - 6 October
- **Project owner** : National Authority for Tunnels (NAT)

Project Brief

Cairo Monorail consists of a 43km and the Depot/OCC buildings. Monorail is a public transport train running on Precast concrete guideway beam – it's two ways from New October station to Wadi El Nil station.

Value of the project:

3 Milliard US Dollar

Job Duties:

- Acted as interface between design and construction teams, resolving design queries (RFIs).
- Quantity surveying for project items (Steel, Concrete, Reinforcement...)
- Planning and monitoring work activities and implementing suitable construction methods to fulfill time frame and budget.
- Providing support to the Project Field Engineer / Construction Team in monitoring the Construction Quality Plan, and in resolution of NCRs and snag list items at contract level
- The review and acceptance of contractor submittals as allocated.
- Study the project documents including drawings, specifications, ICDs, RFI to take into consideration all project details during executing.
- Responsible for coordination of all wet& dry utilities in monorail depot
- Revise the constructability of design steel, concrete and post tension drawings.
- Creation Revising of Shop drawings for different items (pile, col, pier cap) Guide beams, stations and depot building.
- Led design and coordination meeting with Owner, Consultant and Subcontractors.

Arab Contractors & Colas Rail & Orascom From 15/5/2018 Up to 01/01/2021

- **Position** : Technical Coordinator
- **Location** : Cairo-EGYPT
- **Company** : Arab Contractors Company
- **Project** : Design and build of Cairo Metro line - Phase 4B
- **Project owner** : National Authority for Tunnels (NAT)

Project Brief

Cairo Metro line Phase 4B is an extension of Cairo Metro Line 3, covering approximately 7.5 km with 5 elevated stations: Hesham Barakat, Qobaa, Omar Ibn El Khattab, El Haykestep, Adly Mansour, and the Depot/OCC buildings with 65 Fed.

Value of the project:

48 Milliard EGP

Job Duties:

- Performa invoices for Client, Sub contractors.
- Evaluate potential problems and technical hitches and develop solutions.
- Prepare Project-Close-Out Report.
- Prepare periodical reports such as quantity executed invoices and send them to the concerned departments in the headquarters.
- Handing over and finalize the owner & metro operator comments
- Preparation of a monthly report showing the progress status of the business.
- Providing support to the Project Field Engineer / Construction Team in monitoring the Construction Quality Plan, and in resolution of NCRs and snag list items at contract level
- The review and acceptance of contractor submittals as allocated.
- Study the project documents including drawings, specifications, ICDs, RFI to take into consideration all project details during executing.
- Responsible for coordination of all wet& dry utilities in monorail depot
- Revise the constructability of design steel, concrete and post tension drawings.
- Creation Revising of Shop drawings for different items (pile, col, pier cap) Guide beams, stations and depot building.
- Attending design and coordination meeting with Owner, Consultant and Subcontractors.

From 01/01/2017 Up to 15/05/2018

- **Position** : Site Engineer
- **Location** : Cairo-EGYPT
- **Company** : Arab Contractors Company
- **Project** : Treatment Plant in Sadat City
- **Project owner** : National Authority for Potable Water and Sanitary Drainage

Project Brief

construction of a sewage treatment plant with a capacity of [20,000] m³/day, including civil and electromechanical works.

Value of the project:

1.5 Milliard EGP

Job Duties:

- Supervision on construction of treatment plant parts.
 - Supervision on sewage lines.
 - Managing parts of construction projects.
 - Checking technical designs and drawings to ensure that they are followed correctly.
 - Preparing site reports
 - Responsible for coordination for all wet utilities.
 - Performa invoices for Client, Sub contractors.
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From 01/01/2015 Up to 1/1/2017

- **Position** : Site Engineer
- **Location** : Ismailia-EGYPT
- **Company** : Sabour Consulting
- **Project** : New Ismailia City
- **Project owner** : Engineering Authority of the Armed Forces

Project Brief

New Ismailia City is an integrated development project located on the eastern bank of the New Suez Canal, as part of the state's plan to develop Sinai and create modern urban communities, the city is planned over an area of 2,828 acres and includes 6 residential neighborhoods.

Value of the project:

800 Milliard EGP

Job Duties:

- Provide technical guidance and advice on-site for the construction of foundations, columns, and water treatment plants, ensuring that the work complies with design specifications, codes, and regulations.
- Review and approve construction methods and materials to ensure they meet the required standards and quality.
- Act as the main liaison between the client, contractor, and design team to ensure smooth communication and alignment with project goals.

Educational Qualification

Bachelor degree, Civil Engineering, 2014

- Concentration: General Construction Engineering (Overall Grade: Good)
- Graduation Project: Reinforced Concrete (Grade: Excellent)

Professional Certificates

- PMP Certificate

Technical Courses

- AUTOCAD 2D.
- Sap2000 & Safe & Etabs.
- AutoCAD Structural Detailing

Technical and Personal Skills

- **Computer Skills**
 - AutoCAD (Very Good)
 - Revit BIM
 - Microsoft Excel (Excellent)
 - Primavera (Good)
 - Aconex (Excellent – expert in document submission, transmittals, and workflows), BIM 360 (Basic Familiarity).
- **Languages**
 - Arabic (Native)
 - English (Excellent speaking and writing)

All Docs available upon request.